$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-12	1.709	-1.592	0.67	55	1976	52.75	2.46E-14	Mid
450-12	1.629	-1.651	0.67	60	1976	52.78	9.62E-16	Upper
450-36	1.050	0.622	0.81	10	1990	1.29	3.87E-04	Lower
450-36	1.741	-1.369	0.73	10	1990	7.25	1.57E-03	Mid
450-36	1.850	-1.384	0.69	15	1990	15.39	1.31E-04	Upper
450-43	0.760	0.656	0.95	20	1993	0.52	4.47E-13	Lower
450-43	0.800	0.533	0.92	20	1993	0.94	2.25E-11	Mid
450-43	0.903	0.150	0.64	28	1991	9.69	3.10E-07	Upper
454-04	1.849	-1.285	0.54	49	1995	73.16	1.80E-09	Mid

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-11	1.042	-2.121	0.55	43	1976	20.47	1.42E-08	Middle
450-11	1.111	-2.070	0.59	46	1976	22.81	4.88E-10	Upper
450-12	1.202	-1.851	0.54	63	1976	41.34	9.87E-12	Lower
450-12	1.130	-1.995	0.61	63	1976	28.87	5.25E-14	Middle
450-12	1.093	-2.031	0.63	67	1976	27.74	1.38E-15	Upper
450-36	1.304	-1.770	0.58	9	1990	5.13	1.68E-02	Middle
450-36	1.541	-1.657	0.63	14	1990	11.29	6.73E-04	Upper
450-43	1.236	-1.853	0.58	13	1991	10.71	2.43E-03	Middle
450-43	1.443	-1.630	0.65	21	1993	18.11	1.16E-05	Upper
455-05	0.715	0.063	0.91	33	2002	0.48	1.40E-17	Lower
455-05	2.009	-1.281	0.79	33	1992	5.28	4.23E-12	Middle
455-05	1.948	-1.437	0.81	40	1992	12.20	4.31E-15	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-12	1.795	-1.514	0.68	61	1976	63.55	2.83E-16	Upper
450-36	0.944	1.082	0.71	10	1990	1.80	2.12E-03	Lower
450-36	0.011	3.018	0.98	10	1990	27.29	3.10E-08	Middle
450-36	1.994	-1.253	0.68	15	1990	18.27	1.44E-04	Upper
450-43	0.667	1.029	0.90	20	1993	0.84	2.25E-10	Lower
450-43	0.860	0.629	0.54	28	1991	13.42	8.65E-06	Upper
454-04	0.989	2.369	0.89	49	1995	1225.5	3.83E-24	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-03	0.824	0.472	0.70	482	1963	106.81	5.53E-129	Lower
450-03	1.694	-1.285	0.57	483	2004	817.88	4.92E-90	Middle
450-03	1.805	-1.471	0.67	495	2004	630.81	1.30E-120	Upper
450-04	0.785	0.786	0.87	231	1993	14.18	4.82E-103	Lower
450-04	1.236	0.165	0.56	232	1993	179.58	2.58E-43	Middle
450-04	2.242	-0.969	0.75	239	1993	262.48	2.68E-73	Upper
450-11	0.629	0.422	0.81	86	1975	5.67	1.11E-31	Lower
450-11	0.780	0.108	0.87	87	1976	5.75	4.88E-39	Middle
450-11	0.881	-0.299	0.58	97	1976	36.49	8.42E-20	Upper
450-12	0.652	0.305	0.86	158	1976	10.41	4.35E-69	Lower
450-12	1.092	-0.456	0.71	159	1976	73.42	2.32E-44	Middle
450-12	1.588	-1.502	0.85	169	1976	72.13	1.79E-70	Upper
450-13	0.875	0.258	0.83	70	1974	7.25	6.35E-28	Lower
450-13	0.835	-0.023	0.75	74	1974	11.41	1.40E-23	Middle
450-13	0.820	-0.334	0.63	76	1974	19.74	9.63E-18	Upper
450-36	0.670	0.741	0.81	12	1990	0.99	7.18E-05	Lower
450-36	0.765	0.454	0.89	11	1990	0.65	1.28E-05	Middle
450-36	0.984	0.111	0.65	19	1990	6.81	2.71E-05	Upper
450-43	0.830	0.756	0.96	27	1993	0.50	1.35E-19	Lower
450-43	0.810	0.590	0.92	27	1993	0.93	1.44E-15	Middle
450-43	0.852	0.328	0.90	36	1993	1.90	1.40E-18	Upper
454-04	0.657	0.688	0.67	52	2004	6.99	1.10E-13	Lower
454-04	0.872	0.307	0.76	48	1995	6.55	6.08E-16	Middle
454-04	1.562	-0.801	0.62	60	1995	65.64	1.17E-13	Upper
455-02	0.989	0.420	0.97	7	1980	0.16	7.76E-05	Upper
455-03	1.458	-1.595	0.52	23	1988	28.41	1.11E-04	Upper
455-05	0.536	0.211	0.66	43	1992	1.35	2.81E-11	Middle
455-05	0.654	-0.137	0.61	46	1992	2.56	1.42E-10	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-04	1.021	0.536	0.97	85	1993	0.93	1.93E-62	Lower
450-04	0.874	0.203	0.91	89	1993	2.36	1.23E-47	Middle
450-11	1.830	-1.435	0.79	67	1975	44.87	5.53E-24	Middle
450-11	1.727	-1.536	0.78	75	1976	48.82	1.47E-25	Upper
450-12	1.642	-1.495	0.74	89	1976	73.90	7.09E-27	Middle
450-12	1.492	-1.668	0.72	95	1976	71.31	1.45E-27	Upper
450-36	0.614	0.883	0.76	11	1990	0.83	5.16E-04	Lower
450-36	1.020	0.445	0.84	12	1990	1.77	3.05E-05	Middle
450-36	1.448	-0.500	0.57	17	1990	18.83	4.61E-04	Upper
450-43	1.170	0.589	0.97	22	1991	0.66	6.09E-17	Lower
450-43	1.621	-0.054	0.85	21	1991	7.38	2.54E-09	Middle
450-43	1.931	-0.925	0.88	29	1991	10.33	5.35E-14	Upper
450-91	1.329	0.194	0.60	159	1989	89.54	1.79E-33	Lower
450-91	2.183	-0.635	0.95	158	1989	19.10	2.05E-103	Middle
454-04	0.811	0.562	0.82	53	1995	4.84	1.69E-20	Lower
454-04	1.461	0.122	0.66	46	2004	23.68	5.76E-12	Middle
454-04	1.446	-1.731	0.60	60	1995	58.82	2.97E-13	Upper
455-03	1.748	-1.351	0.57	24	1988	31.70	2.03E-05	Upper
455-05	1.407	-0.103	0.81	42	2002	4.59	4.42E-16	Lower
455-05	2.165	-1.091	0.79	40	1992	6.69	1.52E-14	Middle
455-05	2.028	-1.341	0.74	49	1992	20.15	1.55E-15	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-11	1.042	-2.121	0.55	43	1976	20.47	1.42E-08	Middle
450-11	1.111	-2.070	0.59	46	1976	22.81	4.88E-10	Upper
450-12	1.202	-1.851	0.54	63	1976	41.34	9.87E-12	Lower
450-12	1.130	-1.995	0.61	63	1976	28.87	5.25E-14	Middle
450-12	1.093	-2.031	0.63	67	1976	27.74	1.38E-15	Upper
450-36	1.304	-1.770	0.58	9	1990	5.13	1.68E-02	Middle
450-36	1.541	-1.657	0.63	14	1990	11.29	6.73E-04	Upper
450-43	1.236	-1.853	0.58	13	1991	10.71	2.43E-03	Middle
450-43	1.443	-1.630	0.65	21	1993	18.11	1.16E-05	Upper
455-05	0.715	0.063	0.91	33	2002	0.48	1.40E-17	Lower
455-05	2.009	-1.281	0.79	33	1992	5.28	4.23E-12	Middle
455-05	1.948	-1.437	0.81	40	1992	12.20	4.31E-15	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
005-07	0.930	0.243	0.90	61	1991	0.49	9.75E-31	Lower
005-07	1.764	-0.817	0.85	63	1991	2.85	4.60E-27	Middle
005-07	1.596	-1.105	0.74	67	1991	8.63	1.04E-20	Upper
005-08	0.605	0.782	0.77	117	1991	9.12	1.61E-38	Lower
005-08	1.694	-1.666	0.63	127	1991	154.04	1.02E-28	Upper
006-03	0.756	0.721	0.89	99	1994	3.97	1.34E-48	Lower
006-03	1.831	-1.555	0.61	108	1974	133.84	2.68E-23	Upper
008-02	1.799	-1.520	0.73	118	1987	119.19	1.41E-34	Middle
008-02	1.721	-1.581	0.73	126	1987	120.12	1.34E-36	Upper
008-04	0.000	-3.000	1.00	3	1989	0.00	4.74E-17	Middle
008-04	1.785	-1.526	0.71	7	1989	7.17	1.78E-02	Upper
008-09	0.852	0.120	0.97	13	1989	0.37	1.08E-09	Lower
008-09	1.157	-0.270	0.70	11	1975	6.73	1.25E-03	Middle
008-09	1.631	-1.137	0.94	22	1966	5.21	2.26E-13	Upper
008-30	0.934	0.326	0.55	82	1987	39.81	1.27E-15	Lower
008-30	1.866	-1.160	0.73	83	1989	74.41	1.12E-24	Middle
008-30	1.623	-1.484	0.70	91	1987	71.18	6.30E-25	Upper
010-06	0.999	0.375	0.99	55	1989	0.64	2.10E-53	Lower
010-06	1.467	-0.188	0.85	54	1986	20.47	4.45E-23	Middle
010-06	1.898	-0.903	0.96	63	1986	8.25	6.92E-46	Upper
012-13	1.991	-0.860	0.99	30	1989	1.38	7.08E-29	Lower
012-13	1.843	-1.014	0.99	29	1989	0.57	3.38E-32	Middle
012-13	1.554	-1.323	0.99	33	1989	0.63	2.49E-34	Upper
014-05	2.098	-1.452	0.70	147	1994	202.76	9.64E-40	Lower
014-05	1.968	-1.543	0.70	145	1994	179.60	4.72E-39	Middle
014-05	1.844	-1.662	0.70	156	1993	164.53	5.16E-42	Upper
014-06	2.100	-1.250	0.67	65	1993	98.88	8.49E-17	Lower
014-06	2.022	-1.367	0.65	63	1993	94.62	1.34E-15	Middle
014-06	1.802	-1.474	0.66	74	1993	87.35	1.73E-18	Upper
015-02	1.526	-1.400	0.59	117	1976	190.03	2.92E-24	Lower
015-02	1.580	-1.736	0.70	118	1976	132.31	7.15E-32	Middle
015-02	1.430	-1.867	0.70	127	1976	114.99	1.90E-34	Upper
015-03	1.924	-1.341	0.55	126	1987	238.85	5.26E-23	Lower
015-03	1.837	-1.602	0.59	124	1987	172.93	1.22E-25	Middle
015-03	1.616	-1.757	0.60	131	1987	139.93	2.01E-27	Upper
015-04	1.409	-1.840	0.57	75	1993	83.57	3.55E-15	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-04	1.338	-1.896	0.60	77	1993	71.84	2.06E-16	Middle
015-04	1.246	-1.975	0.59	83	1991	68.77	2.88E-17	Upper
015-30	1.434	-1.771	0.77	8	1976	4.72	4.39E-03	Upper
019-02	1.458	-1.002	0.70	46	1991	43.24	3.35E-13	Lower
019-02	1.676	-1.326	0.89	49	1991	18.12	4.96E-24	Middle
019-02	1.501	-1.485	0.89	56	1991	17.55	1.02E-27	Upper
019-04	1.334	-1.182	0.52	15	1971	22.01	2.37E-03	Lower
019-04	1.699	-1.576	0.76	15	1962	13.30	2.40E-05	Middle
019-04	1.635	-1.641	0.76	26	1971	21.30	7.92E-09	Upper
019-05	1.909	-1.574	0.68	10	1993	10.87	3.20E-03	Upper
020-02	2.385	-1.216	0.81	54	1994	47.01	3.15E-20	Lower
020-02	2.281	-1.296	0.81	51	1994	38.66	1.71E-19	Middle
020-02	2.167	-1.378	0.81	59	1994	42.74	5.95E-22	Upper
022-01	1.444	-1.138	0.58	67	1978	98.32	8.98E-14	Middle
022-01	1.642	-1.595	0.80	74	1978	47.67	7.40E-27	Upper
022-02	1.414	-1.698	0.67	151	1983	88.15	9.61E-38	Middle
022-02	1.349	-1.764	0.70	161	1994	81.06	9.25E-44	Upper
022-03	0.878	0.202	0.97	195	1990	6.82	1.27E-145	Lower
022-03	0.916	0.022	0.95	199	1979	11.70	1.73E-130	Middle
022-03	1.372	-0.949	0.85	214	1963	89.46	1.75E-90	Upper
022-06	1.978	-1.490	0.60	157	1993	279.76	6.69E-33	Lower
022-06	1.893	-1.555	0.61	158	1995	248.31	9.58E-34	Middle
022-06	1.671	-1.725	0.60	164	1995	206.22	1.91E-34	Upper
023-01	2.310	-1.208	0.69	106	1983	136.62	6.03E-28	Lower
023-01	2.203	-1.281	0.70	106	1981	117.39	7.68E-29	Middle
023-01	1.918	-1.516	0.68	113	1981	106.68	6.37E-29	Upper
023-02	1.380	-0.597	0.57	158	1986	241.15	8.89E-31	Lower
023-02	1.865	-1.275	0.83	159	1982	123.94	2.82E-62	Middle
023-02	1.724	-1.429	0.81	169	1982	124.85	1.95E-62	Upper
023-03	1.793	-0.989	0.98	165	1976	10.92	5.44E-146	Lower
023-03	1.751	-1.085	0.99	167	1976	5.70	1.15E-169	Middle
023-03	1.605	-1.261	0.98	173	1990	10.26	1.91E-148	Upper
023-04	1.554	-1.075	0.62	133	1987	181.30	1.26E-29	Lower
023-04	1.731	-1.458	0.82	136	1990	83.55	2.55E-52	Middle
023-04	1.556	-1.625	0.81	141	1990	76.99	1.19E-51	Upper
023-05	1.454	-1.711	0.57	161	1992	134.26	1.28E-30	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
023-05	1.422	-1.740	0.57	164	1990	128.94	6.64E-32	Middle
023-05	1.305	-1.844	0.61	168	1990	104.32	1.37E-35	Upper
024-01	1.389	0.063	0.63	13	1986	12.96	1.15E-03	Lower
024-01	1.735	-1.175	0.85	13	1972	7.86	8.03E-06	Middle
024-01	1.572	-1.655	0.75	20	1986	18.11	7.60E-07	Upper
024-06	0.996	0.121	0.61	332	1981	169.83	1.19E-69	Lower
024-06	1.503	-1.013	0.56	329	1981	468.18	1.07E-60	Middle
024-06	1.723	-1.531	0.75	344	1995	271.78	1.96E-105	Upper
025-01	1.846	-1.220	0.81	111	1972	96.21	1.19E-40	Middle
025-01	1.741	-1.399	0.81	121	1972	89.48	3.65E-45	Upper
025-02	1.107	-0.207	0.60	239	1971	208.25	1.74E-49	Lower
025-02	1.773	-1.182	0.85	233	1971	141.42	8.28E-97	Middle
025-02	1.629	-1.308	0.82	256	1975	157.02	2.10E-96	Upper
025-03	1.490	-0.333	0.67	149	1983	176.40	9.10E-37	Lower
025-03	1.784	-1.254	0.80	152	1981	131.55	4.45E-54	Middle
025-03	1.624	-1.419	0.80	164	1981	116.42	1.61E-58	Upper
025-04	1.774	-1.048	0.98	104	1983	6.64	2.20E-92	Lower
025-04	1.720	-1.108	0.98	105	1983	6.53	2.34E-92	Middle
025-04	1.629	-1.218	0.97	112	1983	11.03	6.66E-85	Upper
026-08	0.931	0.216	0.68	12	1989	0.03	9.37E-04	Lower
026-08	1.257	-0.327	0.77	14	1989	0.05	3.86E-05	Middle
030-03	1.768	-1.071	0.98	36	1987	0.35	3.43E-30	Middle
030-03	1.555	-1.259	0.84	38	1967	2.40	6.34E-16	Upper
034-02	0.952	0.248	0.98	192	1989	3.72	2.77E-159	Lower
034-02	1.802	-0.929	0.96	190	1988	22.39	1.82E-136	Middle
034-02	1.646	-1.184	0.96	201	1988	21.27	8.25E-141	Upper
034-03	1.485	-0.789	0.55	137	1981	228.77	7.06E-25	Lower
034-03	1.415	-1.809	0.63	138	1981	149.70	7.78E-31	Middle
034-03	1.288	-1.912	0.64	142	1982	123.83	9.31E-33	Upper
034-05	1.534	-1.025	0.62	127	1990	198.86	3.46E-28	Lower
034-05	1.699	-1.409	0.77	127	1984	121.38	2.82E-41	Middle
034-05	1.539	-1.539	0.78	141	1990	108.87	3.02E-47	Upper
034-06	1.724	-1.227	0.70	66	1976	72.57	1.84E-18	Middle
034-06	1.711	-1.429	0.75	77	1976	65.51	4.84E-24	Upper
050-06	1.836	-0.995	0.98	191	1989	9.31	1.08E-169	Lower
050-06	1.703	-1.134	0.97	190	1980	13.14	4.64E-148	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
050-06	1.497	-1.373	0.92	203	1980	30.58	1.00E-114	Upper
058-02	1.037	0.462	0.96	13	1986	0.38	3.54E-09	Lower
058-02	1.476	0.077	0.79	15	1986	6.21	1.02E-05	Middle
058-02	1.780	-1.190	0.71	16	1986	13.99	4.01E-05	Upper
074-03	2.211	-1.344	0.69	113	1993	160.18	5.08E-30	Lower
074-03	2.092	-1.423	0.68	117	1993	155.54	2.77E-30	Middle
074-03	1.931	-1.544	0.68	118	1993	136.92	4.35E-30	Upper
074-04	1.802	-1.682	0.71	32	1994	29.25	1.26E-09	Lower
074-04	1.791	-1.689	0.74	31	1994	25.46	7.08E-10	Middle
074-04	1.616	-1.813	0.73	37	1994	25.34	1.73E-11	Upper
195-03	0.866	0.471	0.93	41	1985	2.29	1.47E-23	Lower
195-03	0.998	0.081	0.97	40	1985	1.18	1.33E-30	Middle
195-03	1.340	-0.755	0.59	47	1985	52.70	3.26E-10	Upper
835-17	1.831	-1.406	0.79	23	1980	17.16	1.73E-08	Middle
835-17	1.674	-1.513	0.81	26	1980	14.73	4.28E-10	Upper
836-14	2.448	-1.085	0.75	9	1996	10.17	2.56E-03	Middle
836-14	2.363	-1.140	0.76	10	1996	9.94	1.03E-03	Upper
838-03	1.698	-1.101	0.71	34	1973	37.41	3.99E-10	Middle
838-03	1.752	-1.470	0.82	43	1973	26.04	5.67E-17	Upper
838-06	2.366	-1.144	0.74	9	1996	9.85	2.83E-03	Middle
838-06	2.145	-1.134	0.79	13	1996	9.51	4.67E-05	Upper
840-43	1.345	-1.548	1.00	11	1951	0.08	2.30E-13	Lower
840-43	1.218	-1.685	0.99	11	1951	0.16	1.47E-11	Middle
840-43	1.152	-1.756	1.00	15	1951	0.18	1.33E-16	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
005-07	1.619	-1.243	0.98	17	1991	0.28	1.16E-13	Lower
005-07	1.505	-1.372	0.99	17	1991	0.07	1.49E-17	Middle
005-07	1.424	-1.455	1.00	21	1991	0.07	2.74E-24	Upper
005-08	1.358	-2.024	0.59	86	1991	89.25	7.90E-18	Middle
005-08	1.378	-2.000	0.64	98	1991	87.17	5.66E-23	Upper
006-03	1.320	-1.943	0.51	73	1974	72.18	9.27E-13	Middle
006-03	1.347	-1.940	0.53	85	1994	81.93	4.40E-15	Upper
008-02	1.583	-1.562	0.68	115	1987	117.81	9.82E-30	Lower
008-02	1.566	-1.733	0.73	113	1987	85.86	1.11E-33	Middle
008-02	1.487	-1.787	0.75	124	1987	80.48	4.06E-38	Upper
008-09	1.601	-0.752	0.82	13	1975	6.48	2.24E-05	Lower
008-09	1.506	-1.303	0.96	17	1989	1.94	4.95E-12	Middle
008-09	1.439	-1.344	0.95	23	1975	2.71	2.57E-15	Upper
008-30	1.489	-0.831	0.62	99	1989	99.38	3.35E-22	Lower
008-30	1.683	-1.427	0.77	96	1989	61.42	1.55E-31	Middle
008-30	1.590	-1.520	0.76	109	1987	62.21	2.41E-35	Upper
010-06	0.832	-0.006	0.90	48	1989	3.72	8.06E-25	Lower
010-06	1.516	-0.935	0.87	49	1986	16.44	8.58E-23	Middle
010-06	1.641	-1.197	0.96	54	1986	6.12	5.25E-38	Upper
012-13	0.776	-0.131	0.93	38	1989	1.46	1.74E-22	Lower
012-13	0.710	-0.192	0.86	40	1989	2.92	1.05E-17	Middle
012-13	0.628	-0.261	0.76	43	1989	4.63	4.07E-14	Upper
014-05	0.503	0.288	0.70	129	1994	9.69	5.95E-35	Lower
014-05	0.539	0.143	0.63	129	1994	15.63	6.18E-29	Middle
014-06	1.142	-2.100	0.51	46	1993	44.71	2.44E-08	Upper
015-02	1.317	-1.847	0.63	114	1976	116.16	9.95E-26	Lower
015-02	1.261	-1.995	0.66	111	1976	89.58	1.81E-27	Middle
015-02	1.301	-1.963	0.68	126	1976	98.92	7.61E-33	Upper
015-03	1.687	-1.117	0.59	131	1987	157.03	5.02E-27	Lower
015-03	1.691	-1.693	0.63	133	1987	137.04	5.95E-30	Middle
015-03	1.522	-1.825	0.61	136	1987	121.19	1.60E-29	Upper
015-04	1.586	-1.612	0.68	120	1991	99.55	3.77E-31	Upper
015-30	1.286	-1.985	0.70	6	1976	3.31	3.83E-02	Middle
015-30	1.440	-1.662	0.71	9	1976	6.51	4.52E-03	Upper
019-02	0.869	-0.152	0.57	77	1991	38.01	1.55E-15	Lower
019-02	0.831	-0.260	0.51	77	1991	43.75	4.34E-13	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
019-02	1.457	-0.972	0.73	87	1991	62.15	1.23E-25	Upper
019-03	1.090	-2.097	0.52	78	1987	48.53	7.21E-14	Lower
019-03	1.073	-2.143	0.54	75	1978	40.24	5.13E-14	Middle
019-03	1.218	-2.027	0.61	83	1987	49.48	3.81E-18	Upper
019-04	1.030	-2.169	0.61	12	1962	5.19	2.85E-03	Lower
019-04	1.351	-1.943	0.78	13	1962	6.65	6.26E-05	Middle
019-04	1.348	-1.911	0.74	21	1971	13.06	6.57E-07	Upper
020-02	1.789	-1.674	0.79	45	1994	27.64	5.23E-16	Lower
020-02	1.712	-1.735	0.80	44	1994	22.25	2.25E-16	Middle
020-02	1.649	-1.777	0.79	50	1994	25.04	5.47E-18	Upper
022-01	1.473	-1.483	0.67	68	1978	66.46	1.59E-17	Lower
022-01	1.541	-1.666	0.81	66	1978	35.03	1.19E-24	Middle
022-01	1.452	-1.747	0.80	74	1978	36.28	9.03E-27	Upper
022-02	0.619	0.343	0.86	176	1994	9.26	7.19E-77	Lower
022-02	0.961	-0.053	0.61	176	1994	88.42	6.95E-38	Middle
022-02	1.730	-0.837	0.80	184	1983	119.43	9.30E-66	Upper
022-03	1.466	-1.159	0.93	140	1990	34.21	1.42E-81	Lower
022-03	1.505	-1.342	0.98	145	1962	8.74	2.98E-127	Middle
022-03	1.457	-1.399	0.98	152	1963	8.84	2.39E-132	Upper
023-01	1.497	-1.682	0.56	56	1981	71.14	2.85E-11	Lower
023-01	1.338	-1.996	0.58	53	1981	51.37	3.44E-11	Middle
023-01	1.378	-1.977	0.60	63	1981	57.48	6.67E-14	Upper
023-02	1.534	-1.308	0.70	145	1986	151.86	6.09E-39	Lower
023-02	1.596	-1.509	0.80	146	1982	95.59	2.46E-52	Middle
023-02	1.470	-1.638	0.79	156	1982	90.27	1.23E-54	Upper
023-03	0.723	-0.134	0.89	190	1990	13.33	1.01E-90	Lower
023-03	0.804	-0.400	0.72	193	1990	50.58	8.59E-55	Middle
023-03	1.390	-1.316	0.88	201	1976	54.17	1.51E-93	Upper
023-04	1.241	-1.899	0.67	108	1990	53.36	5.64E-27	Lower
023-04	1.234	-1.896	0.71	111	1990	48.60	8.37E-31	Middle
023-04	1.215	-1.926	0.71	116	1990	48.85	8.04E-33	Upper
023-05	1.486	-1.665	0.71	192	1990	122.89	8.89E-53	Middle
023-05	1.416	-1.727	0.72	197	1990	112.05	1.10E-55	Upper
024-01	1.399	-1.612	0.75	14	1981	9.02	6.13E-05	Lower
024-01	1.289	-1.797	0.80	13	1986	6.38	3.60E-05	Middle
024-01	1.359	-1.832	0.80	24	1986	12.79	4.77E-09	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
024-06	1.511	-1.196	0.65	255	1995	280.78	7.70E-59	Lower
024-06	1.508	-1.703	0.70	258	1981	215.41	1.74E-69	Middle
024-06	1.395	-1.800	0.71	266	1990	187.61	2.23E-72	Upper
025-01	1.593	-1.579	0.82	98	1987	57.95	1.76E-37	Middle
025-01	1.560	-1.591	0.82	110	1972	60.55	1.18E-42	Upper
025-02	0.965	-0.383	0.75	261	1985	87.06	7.51E-79	Lower
025-02	1.466	-1.215	0.93	259	1971	46.85	1.18E-146	Middle
025-02	1.352	-1.489	0.89	278	1971	65.03	2.99E-133	Upper
025-03	1.331	-1.042	0.71	135	1983	109.50	3.14E-37	Lower
025-03	1.424	-1.639	0.79	137	1981	80.16	8.09E-48	Middle
025-03	1.354	-1.711	0.80	148	1981	76.68	8.48E-53	Upper
025-04	1.542	-1.283	0.97	103	1983	8.77	6.97E-78	Lower
025-04	1.475	-1.346	0.96	104	1983	11.57	6.90E-71	Middle
025-04	1.384	-1.437	0.93	114	1983	16.57	4.07E-68	Upper
030-03	0.550	-0.388	0.89	28	1987	0.20	9.29E-14	Middle
030-03	1.268	-1.388	0.81	33	1967	1.95	9.13E-13	Upper
034-02	1.605	-1.236	0.97	171	1989	12.07	2.62E-135	Lower
034-02	1.505	-1.347	0.98	170	1989	9.50	5.17E-138	Middle
034-02	1.410	-1.454	0.98	179	1988	5.74	4.38E-161	Upper
034-03	1.437	-1.734	0.70	158	1981	143.10	2.55E-42	Lower
034-03	1.385	-1.823	0.71	162	1981	130.41	1.33E-44	Middle
034-03	1.319	-1.876	0.71	164	1982	118.04	1.43E-45	Upper
034-04	1.133	-2.001	0.55	34	1986	27.44	5.76E-07	Lower
034-04	1.079	-2.061	0.58	38	1986	25.35	2.28E-08	Upper
034-05	1.376	-1.692	0.73	114	1984	79.81	9.99E-34	Lower
034-05	1.292	-1.785	0.72	113	1984	71.68	3.24E-32	Middle
034-05	1.229	-1.840	0.77	126	1990	62.57	2.34E-41	Upper
034-06	0.673	0.140	0.78	47	1976	5.41	3.48E-16	Lower
034-06	1.795	-0.768	0.85	43	1976	20.48	2.52E-18	Middle
034-06	1.584	-1.278	0.80	53	1976	30.96	2.07E-19	Upper
050-06	1.211	-0.848	0.85	142	1989	38.24	3.84E-59	Lower
050-06	1.450	-1.413	0.98	143	1989	7.21	8.99E-117	Middle
050-06	1.348	-1.518	0.93	153	1980	19.11	1.81E-91	Upper
058-02	1.663	-1.258	0.83	13	1986	6.07	1.59E-05	Lower
058-02	1.451	-1.552	0.70	14	1986	9.26	1.85E-04	Middle
058-02	1.510	-1.572	0.72	18	1986	13.50	9.04E-06	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
074-03	1.362	-1.852	0.53	72	1993	86.06	5.77E-13	Lower
074-03	1.342	-1.989	0.56	71	1993	71.36	5.83E-14	Middle
074-03	1.302	-2.017	0.57	78	1993	72.56	2.17E-15	Upper
195-03	0.914	0.018	0.99	33	1985	0.34	1.20E-30	Lower
195-03	1.195	-0.442	0.68	32	1985	20.67	7.00E-09	Middle
195-03	1.711	-1.485	0.83	38	1985	20.66	2.48E-15	Upper
417-02	1.527	-1.361	0.52	102	1998	137.82	1.61E-17	Lower
417-02	1.460	-1.832	0.52	106	1998	131.29	4.12E-18	Middle
417-02	1.386	-1.893	0.52	106	1998	117.82	3.69E-18	Upper
835-17	1.710	-1.470	0.81	20	1980	12.20	5.92E-08	Lower
835-17	1.587	-1.640	0.76	20	1980	12.74	5.21E-07	Middle
835-17	1.544	-1.637	0.81	25	1980	12.13	8.14E-10	Upper
836-14	1.590	-1.823	0.76	7	1996	3.90	1.08E-02	Upper
838-03	1.401	-1.583	0.68	27	1973	23.27	1.20E-07	Lower
838-03	1.490	-1.715	0.83	27	1973	12.80	4.11E-11	Middle
838-03	1.480	-1.744	0.80	33	1973	17.04	2.00E-12	Upper
840-43	1.374	-1.518	1.00	20	1951	0.20	3.92E-24	Lower
840-43	1.264	-1.634	0.99	18	1951	0.55	1.93E-17	Middle
840-43	1.177	-1.725	0.98	26	1951	1.34	2.44E-21	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
008-02	1.229	-2.008	0.52	85	1987	73.82	1.03E-14	Middle
008-02	1.185	-2.038	0.54	90	1987	70.20	2.60E-16	Upper
008-04	1.708	-1.573	0.69	7	1989	6.27	1.98E-02	Upper
010-06	1.271	0.004	0.60	29	1989	28.79	8.48E-07	Lower
010-06	2.021	-0.806	0.98	28	1989	2.06	9.96E-24	Middle
010-06	1.782	-1.052	0.94	35	1986	7.01	5.16E-22	Upper
012-13	2.076	-0.589	0.96	24	1989	4.50	5.08E-17	Lower
012-13	2.069	-0.772	1.00	24	1989	0.53	4.16E-27	Middle
012-13	1.685	-1.175	0.96	28	1989	3.72	2.49E-19	Upper
015-02	1.404	-1.812	0.57	102	1977	146.45	6.04E-20	Lower
015-02	1.379	-1.924	0.61	99	1976	113.03	1.83E-21	Middle
015-02	1.443	-1.880	0.64	110	1976	125.36	5.04E-26	Upper
019-02	1.613	-0.668	0.56	42	1991	61.21	1.48E-08	Lower
019-02	1.829	-1.159	0.81	42	1991	22.18	8.13E-16	Middle
019-02	1.656	-1.318	0.86	51	1991	21.02	2.03E-22	Upper
019-04	1.339	-1.996	0.70	17	1971	11.58	2.87E-05	Upper
022-01	1.796	-1.461	0.80	62	1978	47.68	1.97E-22	Middle
022-01	1.729	-1.538	0.80	70	1978	49.70	1.03E-25	Upper
022-02	1.312	-1.799	0.58	147	1994	93.23	4.86E-29	Upper
022-03	1.161	-0.281	0.80	96	1990	51.22	2.61E-34	Lower
022-03	1.640	-1.219	0.98	95	1990	6.15	1.03E-85	Middle
022-03	1.462	-1.407	0.96	107	1979	16.26	4.89E-74	Upper
023-02	1.724	-1.396	0.76	119	1982	114.93	1.40E-37	Middle
023-02	1.547	-1.576	0.75	131	1982	110.06	2.16E-40	Upper
023-03	1.566	-0.575	0.83	76	1976	48.45	1.79E-30	Lower
023-03	1.802	-1.052	1.00	78	1976	1.20	1.27E-94	Middle
023-03	1.632	-1.232	0.97	84	1990	8.28	1.40E-66	Upper
023-04	1.517	-1.647	0.67	107	1990	76.41	2.54E-27	Middle
023-04	1.410	-1.754	0.71	116	1990	71.04	3.85E-32	Upper
024-06	1.494	-1.749	0.58	184	1981	256.15	5.30E-36	Middle
024-06	1.367	-1.851	0.57	190	1995	233.11	1.72E-36	Upper
025-01	1.505	-1.321	0.55	68	1987	97.23	3.75E-13	Lower
025-01	1.697	-1.529	0.75	71	1987	56.54	2.00E-22	Middle
025-01	1.582	-1.617	0.77	77	1972	52.95	1.45E-25	Upper
025-02	1.277	-0.667	0.59	126	1985	192.03	6.76E-26	Lower
025-02	1.691	-1.418	0.85	126	1971	83.92	2.08E-53	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
025-02	1.479	-1.613	0.83	137	1971	84.63	2.87E-53	Upper
025-03	1.630	-1.444	0.69	109	1983	111.46	4.79E-29	Middle
025-03	1.530	-1.545	0.70	116	1981	107.25	7.47E-32	Upper
025-04	0.989	0.261	0.98	53	1983	1.77	3.45E-43	Lower
025-04	1.659	-0.902	0.91	53	1964	20.70	3.66E-28	Middle
025-04	1.608	-1.246	0.95	62	1983	11.33	1.73E-41	Upper
030-03	1.837	-0.998	0.97	14	1987	0.50	1.36E-10	Middle
030-03	1.471	-1.380	0.87	16	1967	1.61	1.33E-07	Upper
034-02	1.977	-0.866	1.00	57	1989	0.10	1.43E-83	Lower
034-02	1.899	-0.951	1.00	56	1989	0.02	6.70E-98	Middle
034-02	1.653	-1.215	0.98	62	1988	2.19	1.24E-52	Upper
034-03	1.128	-2.043	0.52	129	1982	116.95	5.99E-22	Upper
034-06	1.208	-1.927	0.56	41	1975	36.09	2.18E-08	Middle
034-06	1.189	-1.973	0.58	46	1976	38.81	6.91E-10	Upper
050-06	1.746	-0.820	0.94	74	1980	22.33	9.95E-45	Lower
050-06	1.786	-1.060	0.99	75	1989	4.25	1.35E-71	Middle
050-06	1.528	-1.352	0.92	82	1980	23.13	8.74E-46	Upper
074-04	1.678	-1.721	0.51	29	1994	39.71	1.37E-05	Upper
195-03	1.880	-1.245	0.80	28	1985	21.36	1.07E-10	Middle
195-03	1.638	-1.544	0.79	34	1985	20.84	1.52E-12	Upper
835-17	1.460	-1.753	0.63	17	1980	13.19	1.52E-04	Upper
840-43	1.324	-0.714	0.88	16	1951	6.98	6.37E-08	Lower
840-43	1.630	-1.240	1.00	17	1951	0.13	1.14E-22	Middle
840-43	1.491	-1.387	0.97	22	1951	2.41	3.60E-17	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
005-08	0.708	0.188	0.84	161	1991	9.51	9.49E-65	Lower
005-08	1.050	-0.462	0.76	167	1991	36.68	2.33E-52	Middle
005-08	1.455	-1.651	0.72	171	1991	86.54	1.87E-48	Upper
005-09	0.737	0.142	0.80	166	1975	14.70	2.64E-59	Lower
005-09	1.148	-0.573	0.72	165	1986	56.19	5.71E-47	Middle
005-09	1.431	-1.603	0.66	174	1986	119.07	2.53E-42	Upper
006-03	0.697	1.180	0.86	91	1994	4.24	1.46E-39	Lower
006-03	0.742	0.935	0.91	94	1974	2.88	1.81E-50	Middle
006-03	0.784	0.701	0.90	100	1974	3.78	1.40E-51	Upper
008-02	0.819	0.675	0.95	142	1987	4.31	6.58E-92	Lower
008-02	0.933	0.358	0.88	144	1987	14.72	1.77E-66	Middle
008-02	1.556	-0.756	0.63	151	1987	172.69	3.05E-34	Upper
008-04	0.695	0.918	0.92	4	1989	0.13	4.11E-02	Lower
008-04	1.055	0.372	0.96	9	1989	0.35	4.65E-06	Upper
008-09	0.754	0.470	0.91	26	1975	1.52	8.87E-14	Lower
008-09	0.957	0.269	0.94	17	1981	0.82	8.06E-11	Middle
008-09	1.339	-0.652	0.78	38	1975	17.87	2.62E-13	Upper
008-30	0.819	0.842	0.92	131	1989	5.47	2.58E-71	Lower
008-30	0.870	0.565	0.93	130	1989	5.21	2.65E-75	Middle
008-30	0.976	0.210	0.84	142	1989	17.37	2.94E-57	Upper
010-06	0.913	0.622	0.97	72	1986	1.74	6.13E-53	Lower
010-06	0.911	0.453	0.98	72	1989	0.80	1.75E-64	Middle
010-06	0.906	0.255	0.96	81	1989	2.07	9.71E-58	Upper
012-13	0.816	0.442	0.78	58	1989	7.16	4.22E-20	Lower
012-13	0.795	0.225	0.82	56	1989	5.50	7.97E-22	Middle
012-13	0.726	-0.020	0.60	64	1989	14.93	7.07E-14	Upper
014-05	0.497	0.563	0.71	229	1994	12.66	1.02E-62	Lower
014-05	0.464	0.318	0.66	228	1994	14.15	1.11E-54	Middle
014-06	0.785	0.538	0.82	89	1993	7.40	8.80E-34	Lower
014-06	0.757	0.141	0.84	89	1993	5.75	3.10E-36	Middle
014-06	0.848	-0.306	0.65	102	1993	24.25	2.03E-24	Upper
015-02	0.909	0.264	0.94	174	1976	9.12	5.07E-104	Lower
015-02	0.930	-0.008	0.99	172	1976	1.81	4.79E-162	Middle
015-02	1.654	-1.098	0.87	188	1976	71.71	7.02E-83	Upper
015-03	0.833	0.556	0.94	141	1987	4.24	2.17E-84	Lower
015-03	0.901	0.245	0.96	140	1987	2.85	7.13E-99	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-03	1.508	-0.687	0.58	146	1987	147.72	4.73E-29	Upper
015-04	0.836	0.598	0.94	142	1994	4.31	1.21E-85	Lower
015-04	0.845	0.378	0.96	141	1993	2.73	1.49E-98	Middle
015-04	0.860	0.101	0.92	152	1991	6.48	1.89E-82	Upper
015-30	0.543	0.719	0.86	7	1976	0.35	2.85E-03	Lower
015-30	0.632	0.721	0.85	8	1976	0.41	1.14E-03	Middle
015-30	1.245	-0.323	0.66	13	1976	9.53	7.16E-04	Upper
019-02	0.703	0.363	0.68	181	1991	26.98	7.07E-46	Lower
019-03	0.772	0.479	0.81	125	1978	12.10	7.21E-47	Lower
019-03	0.863	0.026	0.93	124	1978	4.88	9.78E-73	Middle
019-03	1.489	-1.299	0.66	131	1978	109.00	1.00E-31	Upper
019-04	0.741	0.648	0.80	20	1971	2.19	8.92E-08	Lower
019-04	0.880	0.141	0.95	22	1993	0.81	1.93E-14	Middle
019-04	1.635	-0.952	0.81	32	1971	16.97	2.45E-12	Upper
019-05	0.843	0.443	0.98	6	1993	0.05	1.87E-04	Lower
019-05	0.780	0.251	0.94	12	1993	0.25	1.94E-07	Upper
020-02	0.984	0.630	0.99	65	1994	0.46	9.35E-61	Lower
020-02	0.993	0.522	0.99	61	1994	0.39	2.18E-58	Middle
020-02	1.008	0.366	0.97	71	1994	1.15	7.98E-55	Upper
022-01	0.952	0.357	0.91	111	1978	8.18	1.05E-59	Lower
022-01	1.134	-0.281	0.52	107	1978	108.96	1.33E-18	Middle
022-01	1.954	-1.264	0.83	117	1978	76.07	1.56E-46	Upper
022-02	0.769	0.405	0.90	376	1994	17.39	3.17E-190	Lower
022-02	0.861	0.105	0.94	372	1994	13.69	1.02E-222	Middle
022-02	1.436	-0.635	0.80	387	1983	141.72	9.58E-137	Upper
022-03	0.823	0.256	0.89	353	1990	26.57	2.14E-172	Lower
022-03	0.879	-0.025	0.92	359	1990	21.29	1.85E-200	Middle
022-03	1.101	-0.585	0.80	376	1963	102.72	2.05E-132	Upper
022-06	0.840	0.396	0.86	195	1995	13.78	1.94E-83	Lower
022-06	0.909	-0.083	0.85	200	1993	17.09	2.68E-84	Middle
022-06	1.635	-1.489	0.70	203	1995	141.39	9.81E-54	Upper
023-01	0.720	0.537	0.84	141	1981	5.88	7.51E-58	Lower
023-01	0.692	0.225	0.90	139	1981	3.10	1.85E-71	Middle
023-01	0.705	-0.071	0.67	150	1981	15.89	7.76E-38	Upper
023-02	0.981	0.211	0.97	219	1982	6.86	1.45E-162	Lower
023-02	1.000	0.024	0.96	218	1982	8.20	7.65E-156	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
023-02	1.774	-1.182	0.83	230	1986	139.29	1.69E-89	Upper
023-03	0.907	0.207	0.97	299	1990	6.09	9.20E-223	Lower
023-03	0.911	0.034	0.98	301	1976	2.97	4.48E-271	Middle
023-03	1.080	-0.344	0.84	310	1990	50.16	1.87E-124	Upper
023-04	0.713	0.658	0.91	234	1987	10.10	1.67E-121	Lower
023-04	0.803	0.360	0.92	233	1990	11.45	2.71E-126	Middle
023-04	0.924	0.001	0.82	247	1990	38.22	1.35E-92	Upper
023-05	0.783	0.495	0.86	363	1980	25.67	2.54E-157	Lower
023-05	0.852	0.137	0.91	359	1992	19.15	8.48E-187	Middle
023-05	1.364	-0.763	0.72	377	1990	194.89	2.41E-106	Upper
024-01	0.637	0.616	0.74	22	1986	3.38	2.72E-07	Lower
024-01	0.903	0.117	0.91	23	1986	1.96	1.71E-12	Middle
024-01	1.094	-0.527	0.62	36	1986	25.44	1.44E-08	Upper
024-06	0.838	0.339	0.90	435	1981	22.31	1.64E-222	Lower
024-06	0.855	0.085	0.90	438	1995	23.95	4.55E-222	Middle
024-06	1.238	-0.757	0.61	448	1981	297.49	7.81E-94	Upper
025-01	0.730	0.399	0.89	185	1987	12.33	2.63E-88	Lower
025-01	0.738	0.064	0.87	185	1987	15.11	3.65E-82	Middle
025-01	1.176	-0.730	0.77	196	1972	79.23	4.79E-63	Upper
025-02	0.781	0.314	0.87	329	1985	27.51	5.84E-147	Lower
025-02	0.814	-0.012	0.93	326	1971	15.99	1.57E-184	Middle
025-02	1.412	-1.085	0.88	347	1985	81.88	7.76E-163	Upper
025-03	0.812	0.515	0.92	249	1983	12.38	1.07E-139	Lower
025-03	0.862	0.256	0.96	247	1983	7.56	1.61E-169	Middle
025-03	1.121	-0.316	0.80	270	1981	74.82	3.95E-96	Upper
025-04	0.909	0.171	0.93	166	1983	8.10	2.20E-98	Lower
025-04	0.893	0.015	0.95	162	1983	5.78	1.15E-105	Middle
025-04	0.900	-0.184	0.87	177	1983	17.86	1.31E-78	Upper
026-08	1.155	-0.114	0.73	14	1989	0.05	1.03E-04	Lower
030-02	0.899	0.291	0.89	7	1979	0.79	1.31E-03	Lower
030-02	0.951	0.343	0.98	7	1979	0.09	2.29E-05	Middle
030-02	0.937	0.043	0.87	15	1979	1.87	4.57E-07	Upper
030-03	0.823	0.355	0.96	46	1987	0.15	2.28E-32	Middle
030-03	0.887	0.082	0.74	52	1967	1.57	4.59E-16	Upper
034-02	0.934	0.352	0.98	304	1989	4.25	1.46E-246	Lower
034-02	0.927	0.192	0.98	310	1988	4.11	5.58E-252	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
034-02	0.928	0.032	0.97	315	1989	5.25	3.47E-242	Upper
034-03	0.973	0.331	0.98	214	1981	5.38	4.28E-172	Lower
034-03	1.017	-0.177	0.59	217	1981	163.13	3.42E-43	Middle
034-03	1.732	-1.311	0.74	222	1982	242.31	3.03E-66	Upper
034-04	0.994	0.272	0.97	55	1986	1.67	3.18E-41	Lower
034-04	1.018	0.008	0.93	55	1986	3.73	1.21E-32	Middle
034-04	1.784	-1.268	0.71	60	1986	69.38	1.99E-17	Upper
034-05	0.819	0.086	0.86	271	1984	28.51	9.25E-119	Lower
034-05	1.100	-0.579	0.69	267	1984	145.85	1.75E-69	Middle
034-05	1.531	-1.425	0.81	290	1984	153.97	2.25E-106	Upper
034-06	0.963	0.244	0.95	92	1976	3.52	1.15E-59	Lower
034-06	0.948	0.003	0.98	90	1975	1.52	6.73E-73	Middle
034-06	1.685	-1.130	0.80	101	1976	52.34	1.22E-36	Upper
050-06	0.956	0.217	0.95	299	1995	8.81	3.41E-191	Lower
050-06	0.931	0.025	0.92	295	1989	12.97	5.54E-161	Middle
050-06	1.082	-0.389	0.78	313	1980	56.81	1.05E-105	Upper
058-02	0.760	0.973	0.80	16	1986	1.83	2.47E-06	Lower
058-02	0.821	0.622	0.86	16	1986	1.47	2.21E-07	Middle
058-02	1.016	0.216	0.93	21	1986	1.20	1.16E-12	Upper
060-01	0.190	1.207	0.86	6	1992	0.00	8.00E-03	Middle
060-01	0.474	0.800	0.67	13	1992	0.62	6.69E-04	Upper
074-03	0.828	0.389	0.90	136	1993	5.50	1.94E-69	Lower
074-03	0.812	0.195	0.97	141	1993	1.79	9.17E-104	Middle
074-03	0.857	0.001	0.96	142	1993	2.35	7.02E-100	Upper
074-04	0.479	0.745	0.64	64	1994	4.40	1.45E-15	Lower
074-04	0.492	0.509	0.78	62	1994	2.21	1.87E-21	Middle
074-04	0.561	0.284	0.81	70	1994	2.80	2.97E-26	Upper
195-03	0.602	0.793	0.82	54	1985	3.76	9.14E-21	Lower
195-03	0.795	0.423	0.88	51	1985	4.00	6.72E-24	Middle
195-03	0.861	0.161	0.85	62	1985	6.86	3.49E-26	Upper
417-02	0.879	0.520	0.95	102	1998	2.59	1.14E-66	Lower
417-02	1.484	-1.809	0.50	106	1998	143.34	2.12E-17	Upper
835-17	0.890	0.340	0.85	29	1980	3.52	1.41E-12	Lower
835-17	0.982	0.113	0.91	28	1980	2.28	3.85E-15	Middle
835-17	1.345	-0.804	0.60	35	1980	35.56	5.49E-08	Upper
836-14	0.627	0.266	0.92	5	1996	0.09	8.99E-03	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
836-14	0.635	0.100	0.89	9	1996	0.26	1.50E-04	Middle
836-14	0.692	-0.191	0.93	10	1996	0.21	8.43E-06	Upper
838-03	0.833	0.153	0.83	43	1973	5.22	1.75E-17	Lower
838-03	0.847	-0.108	0.93	44	1973	2.09	1.45E-25	Middle
838-03	1.256	-0.948	0.64	49	1973	36.26	4.09E-12	Upper
838-06	0.594	0.538	0.87	8	1996	0.26	6.58E-04	Lower
838-06	0.620	0.355	0.83	9	1996	0.41	6.92E-04	Middle
838-06	1.049	-0.362	0.67	13	1996	4.18	5.82E-04	Upper
840-43	0.946	0.022	0.99	41	1951	0.22	1.04E-45	Lower
840-43	0.965	-0.206	0.92	42	1951	3.89	8.70E-24	Middle
840-43	1.478	-1.399	0.98	47	1951	1.79	3.82E-42	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
005-07	1.658	-0.967	0.92	63	1991	1.20	2.60E-35	Lower
005-07	1.504	-1.014	0.81	66	1991	2.89	9.93E-25	Middle
005-07	1.292	-1.263	0.61	69	1991	10.76	2.76E-15	Upper
005-08	0.715	0.834	0.88	175	1991	6.98	1.09E-81	Lower
005-08	0.839	0.438	0.92	181	1991	6.54	4.40E-99	Middle
005-08	1.686	-1.028	0.68	185	1991	141.50	2.25E-47	Upper
005-09	1.133	0.121	0.74	150	1986	42.61	1.16E-44	Lower
005-09	1.890	-1.034	0.73	154	1986	127.10	1.10E-44	Middle
005-09	1.651	-1.586	0.53	157	1986	237.52	6.07E-27	Upper
006-03	0.841	0.373	0.66	86	1994	19.10	1.59E-21	Lower
006-03	1.767	-1.491	0.59	83	1994	114.52	3.87E-17	Middle
006-03	1.640	-1.740	0.59	95	1966	109.80	1.23E-19	Upper
008-02	0.938	0.507	0.96	151	1987	4.75	2.91E-105	Lower
008-02	1.032	0.089	0.73	151	1987	50.11	8.96E-44	Middle
008-02	1.624	-1.109	0.70	160	1987	151.10	8.94E-43	Upper
008-04	1.058	0.881	1.00	3	1989	0.00	3.82E-02	Lower
008-09	0.736	0.515	0.84	22	1989	2.61	2.65E-09	Lower
008-09	1.656	-0.232	0.78	14	1989	10.21	3.19E-05	Middle
008-09	1.548	-1.046	0.82	33	1975	18.19	5.74E-13	Upper
008-30	1.710	-0.663	0.63	116	1989	146.59	3.30E-26	Middle
008-30	1.946	-1.195	0.78	127	1987	96.03	2.46E-43	Upper
010-06	0.977	0.420	0.95	63	1989	3.14	9.80E-41	Lower
010-06	1.396	-0.364	0.83	65	1989	23.27	4.12E-26	Middle
010-06	1.692	-1.119	0.94	71	1986	11.39	2.26E-44	Upper
012-13	0.769	0.571	0.80	75	1989	6.47	5.20E-27	Lower
012-13	0.792	0.365	0.83	79	1989	6.01	2.35E-31	Middle
012-13	0.739	0.149	0.69	81	1989	11.32	5.69E-22	Upper
013-04	1.729	-1.078	0.95	12	1992	0.02	9.89E-08	Middle
014-05	1.030	0.076	0.60	186	1994	86.72	5.02E-38	Lower
014-05	1.926	-1.172	0.85	183	1994	79.61	2.96E-76	Middle
014-05	1.780	-1.686	0.71	197	1994	162.99	4.51E-54	Upper
014-06	0.837	0.665	0.78	83	1993	9.90	1.39E-28	Lower
014-06	1.218	-0.205	0.80	86	1993	19.54	5.37E-31	Middle
014-06	1.678	-1.235	0.80	95	1993	40.51	1.17E-34	Upper
015-02	1.732	-1.066	0.65	176	1976	257.55	1.62E-41	Lower
015-02	1.816	-1.395	0.73	173	1976	197.87	4.56E-50	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-02	1.729	-1.492	0.73	189	1976	185.63	3.51E-55	Upper
015-03	1.680	-0.899	0.53	124	1987	187.80	7.43E-22	Lower
015-03	1.758	-1.576	0.63	123	1987	132.35	3.82E-28	Middle
015-03	1.454	-1.874	0.58	129	1987	121.38	1.68E-25	Upper
015-04	0.944	0.670	0.78	138	1994	21.81	3.19E-47	Lower
015-04	1.138	0.131	0.63	140	1993	68.40	1.53E-31	Middle
015-04	1.940	-0.961	0.78	148	1991	99.36	6.95E-50	Upper
015-30	1.800	-1.298	0.80	7	1976	5.59	6.22E-03	Lower
015-30	1.948	-1.255	0.70	8	1976	9.38	9.64E-03	Middle
015-30	1.692	-1.430	0.77	13	1976	10.40	8.45E-05	Upper
019-02	0.801	0.367	0.67	212	1991	40.12	8.09E-52	Lower
019-02	0.877	0.046	0.59	210	1991	67.38	5.93E-42	Middle
019-02	1.237	-0.649	0.63	230	1991	118.84	1.37E-51	Upper
019-03	1.085	0.151	0.64	127	1978	59.22	7.21E-30	Lower
019-03	1.788	-1.059	0.63	124	1978	165.60	2.30E-28	Middle
019-03	1.842	-1.455	0.77	133	1987	96.01	6.74E-44	Upper
019-04	1.765	-1.476	0.80	19	1962	14.79	2.17E-07	Middle
019-04	1.686	-1.507	0.81	29	1971	17.98	3.35E-11	Upper
020-02	2.547	-0.963	0.79	65	1994	61.73	1.00E-22	Lower
020-02	2.498	-1.006	0.79	61	1994	53.49	9.68E-22	Middle
020-02	2.419	-1.073	0.79	71	1994	60.03	6.68E-25	Upper
022-01	1.487	-0.748	0.61	95	1978	131.30	1.60E-20	Middle
022-01	1.936	-1.329	0.86	103	1978	61.04	1.93E-44	Upper
022-02	0.553	0.964	0.81	361	1994	19.57	2.84E-131	Lower
022-02	0.852	0.568	0.82	355	1994	42.75	1.26E-133	Middle
022-02	1.774	-0.461	0.80	372	1983	215.88	3.06E-132	Upper
022-03	0.710	0.526	0.86	338	1990	27.12	1.09E-143	Lower
022-03	0.875	0.164	0.87	344	1979	38.17	2.18E-151	Middle
022-03	0.797	-0.052	0.71	361	1963	85.44	9.24E-99	Upper
022-06	0.866	0.755	0.95	214	1993	5.40	4.76E-137	Lower
022-06	1.166	0.190	0.81	212	1993	39.52	2.08E-78	Middle
022-06	1.938	-1.383	0.68	222	1995	233.40	2.35E-56	Upper
023-01	2.134	-1.071	0.68	125	1981	130.33	5.01E-32	Lower
023-01	2.026	-1.364	0.69	123	1981	107.98	6.06E-33	Middle
023-01	1.754	-1.630	0.68	132	1981	93.15	5.44E-34	Upper
023-02	1.064	-0.213	0.52	218	1982	214.81	1.70E-36	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
023-02	1.385	-0.723	0.64	214	1986	221.40	2.85E-49	Middle
023-02	1.774	-1.370	0.84	229	1982	123.86	7.40E-94	Upper
023-03	0.987	0.099	0.98	281	1990	5.36	1.54E-226	Lower
023-03	1.587	-0.841	0.94	282	1990	38.60	1.87E-168	Middle
023-03	1.614	-1.255	0.96	292	1990	24.22	5.10E-205	Upper
023-04	0.872	0.726	0.91	231	1990	14.82	1.73E-120	Lower
023-04	1.000	0.411	0.98	232	1987	4.68	4.01E-189	Middle
023-04	1.385	-0.296	0.78	244	1990	108.89	2.71E-81	Upper
023-05	1.693	-0.489	0.60	342	1990	459.79	1.36E-69	Middle
023-05	2.053	-1.082	0.81	354	1990	247.60	2.51E-129	Upper
024-01	0.791	0.336	0.83	15	1986	2.12	2.06E-06	Lower
024-01	0.988	-0.165	0.78	15	1986	4.70	1.32E-05	Middle
024-01	1.615	-1.621	0.80	26	1972	19.39	8.55E-10	Upper
024-06	1.021	0.159	0.90	381	1981	34.31	1.07E-188	Lower
024-06	1.546	-0.975	0.59	381	1990	473.53	2.09E-75	Middle
024-06	1.728	-1.538	0.76	394	1995	276.54	2.10E-123	Upper
025-01	1.300	-0.389	0.73	156	1987	107.84	2.33E-45	Lower
025-01	1.798	-1.438	0.90	159	1987	61.31	8.52E-81	Middle
025-01	1.552	-1.652	0.87	168	1972	66.60	2.34E-74	Upper
025-02	0.813	0.169	0.87	306	1985	29.50	1.72E-135	Lower
025-02	1.405	-0.955	0.86	304	1985	94.89	1.36E-129	Middle
025-02	1.389	-1.450	0.82	324	1971	128.62	2.72E-121	Upper
025-03	0.978	0.344	0.95	229	1981	10.32	6.30E-154	Lower
025-03	1.037	-0.019	0.81	229	1981	55.84	1.97E-84	Middle
025-03	1.743	-1.261	0.84	250	1964	139.52	2.63E-100	Upper
025-04	0.862	0.052	0.87	148	1983	14.51	1.81E-66	Lower
025-04	0.829	-0.175	0.77	150	1983	26.25	1.02E-49	Middle
025-04	1.414	-1.369	0.86	159	1983	45.19	1.35E-68	Upper
026-08	1.154	0.122	0.73	14	1989	0.05	9.82E-05	Lower
026-08	0.995	0.198	0.84	18	1989	0.05	8.00E-08	Middle
030-03	0.769	-0.159	0.85	20	1987	0.53	8.79E-09	Middle
030-03	1.360	-1.427	0.73	22	1967	3.42	4.34E-07	Upper
034-02	1.498	-0.345	0.88	286	1989	62.07	2.30E-131	Lower
034-02	1.865	-1.002	0.98	287	1989	12.33	3.94E-251	Middle
034-02	1.732	-1.165	0.95	297	1988	31.15	1.99E-195	Upper
034-03	1.048	0.113	0.98	216	1982	3.81	1.59E-196	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
034-03	1.436	-0.755	0.70	219	1982	199.20	8.55E-59	Middle
034-03	1.722	-1.531	0.79	224	1981	182.11	2.92E-77	Upper
034-04	1.056	0.125	0.78	55	1986	15.63	2.95E-19	Lower
034-04	1.765	-1.454	0.76	60	1986	53.12	1.01E-19	Upper
034-05	0.856	0.399	0.84	249	1984	36.51	2.94E-99	Lower
034-05	1.092	-0.111	0.72	249	1990	115.13	1.10E-70	Middle
034-05	1.653	-1.240	0.75	268	1984	240.12	5.99E-83	Upper
034-06	1.140	0.326	0.97	84	1976	2.81	5.46E-64	Lower
034-06	1.233	-0.024	0.85	82	1976	18.46	1.90E-34	Middle
034-06	1.834	-0.992	0.91	93	1975	23.88	4.68E-50	Upper
050-06	0.976	-0.031	0.91	292	1989	16.92	7.28E-151	Lower
050-06	1.661	-1.125	0.97	288	1980	12.71	1.35E-226	Middle
050-06	1.480	-1.263	0.89	306	1980	47.65	6.35E-148	Upper
058-02	0.839	0.453	0.88	17	1986	1.31	2.01E-08	Lower
058-02	1.097	0.086	0.76	17	1986	5.01	4.38E-06	Middle
058-02	1.683	-1.385	0.74	22	1986	18.22	3.41E-07	Upper
060-01	1.759	-0.509	0.92	6	1992	0.02	2.37E-03	Lower
074-03	0.766	0.718	0.91	114	1993	3.79	1.00E-60	Lower
074-03	0.693	0.579	0.86	117	1993	5.57	4.43E-50	Middle
074-04	0.555	0.847	0.77	53	1994	2.71	5.05E-18	Lower
074-04	0.454	0.706	0.63	51	1994	3.52	4.99E-12	Middle
195-03	0.836	0.387	0.91	48	1985	2.82	6.47E-26	Lower
195-03	0.922	0.160	0.95	44	1985	1.66	1.57E-29	Middle
195-03	1.315	-0.730	0.65	55	1985	43.25	9.54E-14	Upper
417-02	0.902	0.207	0.80	97	1998	12.62	2.58E-35	Lower
417-02	1.644	-1.538	0.59	100	1998	120.03	6.16E-21	Middle
417-02	1.399	-1.914	0.52	101	1998	119.94	2.25E-17	Upper
835-17	0.995	-0.022	0.53	27	1980	21.51	1.65E-05	Lower
835-17	1.814	-1.246	0.78	29	1980	23.36	1.76E-10	Middle
835-17	1.820	-1.397	0.85	33	1980	16.49	1.97E-14	Upper
836-14	0.674	0.442	0.87	5	1996	0.20	2.13E-02	Middle
836-14	0.600	0.263	0.85	6	1996	0.26	8.80E-03	Upper
838-03	0.627	0.476	0.89	34	1973	1.62	6.13E-17	Lower
838-03	0.731	0.167	0.82	33	1973	3.88	3.83E-13	Middle
838-03	1.332	-0.584	0.71	39	1973	27.65	2.07E-11	Upper
840-43	1.527	-1.351	0.99	35	1951	0.53	2.55E-38	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-43	1.416	-1.470	0.98	37	1951	1.36	2.26E-33	Middle
840-43	1.269	-1.628	0.93	41	1951	5.41	3.78E-24	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
005-07	0.744	-0.244	0.86	56	1991	0.44	1.64E-24	Lower
005-07	0.570	-0.240	0.67	57	1991	0.82	7.54E-15	Middle
005-07	1.374	-1.267	0.89	62	1991	2.18	1.13E-30	Upper
005-08	1.547	-1.556	0.62	118	1991	126.87	5.17E-26	Lower
005-08	1.561	-1.823	0.67	120	1991	107.12	4.44E-30	Middle
005-08	1.480	-1.866	0.67	128	1991	99.82	2.71E-32	Upper
005-10	1.372	-0.855	0.73	34	1986	0.33	1.43E-10	Lower
005-10	0.885	-0.582	0.64	32	1986	0.20	3.22E-08	Middle
006-03	0.742	-0.080	0.92	98	1994	2.74	2.30E-54	Lower
006-03	1.600	-1.441	0.58	94	1976	102.59	5.01E-19	Middle
006-03	1.607	-1.734	0.61	107	1974	101.40	2.73E-23	Upper
008-02	1.702	-1.450	0.79	125	1987	81.81	6.00E-44	Lower
008-02	1.630	-1.670	0.76	124	1987	88.61	1.40E-39	Middle
008-02	1.586	-1.701	0.76	133	1987	88.36	5.81E-43	Upper
008-04	0.000	-3.000	1.00	3	1989	0.00	4.74E-17	Middle
008-04	1.509	-1.761	0.73	7	1989	4.40	1.47E-02	Upper
008-09	1.277	-0.615	0.76	17	1975	8.19	5.19E-06	Lower
008-09	1.513	-1.232	0.93	20	1989	3.51	4.51E-12	Middle
008-09	1.452	-1.312	0.94	28	1975	3.70	1.49E-17	Upper
008-30	1.117	-0.447	0.50	129	1989	110.82	6.58E-21	Lower
008-30	1.850	-1.244	0.80	124	1989	75.36	4.00E-44	Middle
008-30	1.758	-1.343	0.79	140	1987	77.72	1.00E-48	Upper
010-06	0.990	-0.283	0.71	62	1989	21.70	5.99E-18	Lower
010-06	1.690	-1.109	0.97	61	1989	4.36	9.18E-48	Middle
010-06	1.630	-1.166	0.97	69	1986	5.47	3.30E-51	Upper
012-13	1.658	-1.200	0.99	32	1989	0.99	8.30E-31	Lower
012-13	1.547	-1.323	0.99	33	1989	0.42	6.55E-37	Middle
012-13	1.474	-1.401	0.99	36	1989	0.43	8.55E-40	Upper
014-05	1.251	-0.819	0.56	229	1994	155.38	3.16E-42	Lower
014-05	1.732	-1.592	0.71	227	1994	155.13	1.26E-62	Middle
014-05	1.689	-1.635	0.71	240	1993	154.80	4.00E-65	Upper
014-06	1.521	-1.545	0.65	80	1993	62.34	1.08E-19	Upper
015-02	1.392	-1.855	0.70	125	1976	112.55	1.49E-33	Lower
015-02	1.333	-1.946	0.72	124	1976	92.18	1.15E-35	Middle
015-02	1.337	-1.945	0.73	137	1976	97.83	1.02E-39	Upper
015-03	1.530	-1.088	0.54	139	1987	175.99	1.50E-24	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-03	1.656	-1.736	0.64	138	1987	131.13	6.22E-32	Middle
015-03	1.574	-1.787	0.64	144	1987	124.21	2.69E-33	Upper
015-04	0.773	-0.208	0.53	138	1993	47.53	5.88E-24	Lower
015-04	1.412	-1.221	0.53	135	1991	156.07	1.39E-23	Middle
015-04	1.686	-1.531	0.71	148	1993	109.16	5.90E-41	Upper
015-30	1.650	-1.465	0.85	7	1976	3.49	3.29E-03	Lower
015-30	1.152	-2.096	0.71	6	1976	2.61	3.51E-02	Middle
015-30	1.522	-1.613	0.81	13	1976	6.74	3.16E-05	Upper
019-02	0.723	-0.328	0.56	95	1991	33.89	1.72E-18	Lower
019-02	1.289	-1.108	0.73	110	1991	60.58	1.78E-32	Upper
019-04	1.152	-2.058	0.63	12	1962	6.20	1.96E-03	Middle
019-04	1.334	-1.916	0.73	21	1971	13.03	9.81E-07	Upper
019-05	1.819	-1.560	0.69	6	1993	4.90	4.17E-02	Lower
019-05	1.654	-1.669	0.68	12	1993	8.53	1.05E-03	Upper
020-02	2.158	-1.282	0.79	65	1994	43.81	7.55E-23	Lower
020-02	2.093	-1.336	0.79	61	1994	37.25	7.98E-22	Middle
020-02	2.036	-1.384	0.79	71	1994	42.06	5.03E-25	Upper
022-01	1.591	-1.352	0.73	92	1978	71.02	5.35E-27	Lower
022-01	1.653	-1.490	0.81	90	1978	45.77	8.10E-34	Middle
022-01	1.571	-1.562	0.80	98	1978	49.92	6.00E-35	Upper
022-02	0.456	0.039	0.77	308	1994	16.59	2.83E-98	Lower
022-02	1.365	-0.889	0.77	308	1994	144.20	6.25E-100	Middle
022-02	1.497	-1.117	0.84	318	1983	115.10	4.56E-127	Upper
022-03	0.945	-0.333	0.71	158	1990	71.43	2.56E-44	Lower
022-03	1.568	-1.231	0.96	155	1990	22.63	2.01E-105	Middle
022-03	1.457	-1.344	0.94	174	1963	28.97	1.09E-107	Upper
022-06	1.450	-1.427	0.52	155	1995	210.42	2.98E-26	Lower
022-06	1.503	-1.863	0.61	152	1993	154.73	2.09E-32	Middle
022-06	1.440	-1.906	0.61	163	1995	148.23	4.56E-35	Upper
023-01	1.595	-1.631	0.65	85	1981	73.19	1.03E-20	Lower
023-01	1.587	-1.779	0.69	84	1981	62.19	2.65E-22	Middle
023-01	1.548	-1.826	0.68	93	1981	65.86	2.12E-24	Upper
023-02	1.429	-1.302	0.72	194	1986	156.95	1.49E-54	Middle
023-02	1.515	-1.596	0.82	204	1982	101.57	2.21E-77	Upper
023-03	0.558	-0.034	0.71	291	1990	28.07	3.31E-79	Lower
023-03	0.528	-0.131	0.67	292	1990	29.81	1.47E-72	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
023-03	0.994	-0.870	0.68	302	1976	102.40	6.70E-77	Upper
023-04	1.180	-0.907	0.55	229	1987	217.15	9.91E-42	Middle
023-04	1.628	-1.498	0.84	241	1990	101.17	6.72E-97	Upper
023-05	1.615	-1.325	0.73	233	1990	173.32	6.34E-68	Lower
023-05	1.594	-1.550	0.78	234	1990	129.56	4.21E-78	Middle
023-05	1.522	-1.612	0.79	243	1990	119.51	2.42E-83	Upper
024-01	1.339	-0.861	0.83	18	1986	7.98	1.83E-07	Lower
024-01	1.568	-1.494	0.84	19	1986	10.60	4.36E-08	Middle
024-01	1.513	-1.689	0.82	30	1986	16.73	8.95E-12	Upper
024-06	0.735	-0.113	0.74	325	1990	49.59	2.30E-97	Lower
024-06	1.573	-1.598	0.73	330	1982	247.07	5.46E-95	Middle
024-06	1.502	-1.695	0.75	338	1995	210.91	5.11E-102	Upper
025-01	1.507	-1.620	0.82	92	1972	48.98	1.29E-35	Lower
025-01	1.439	-1.735	0.82	89	1987	41.48	1.83E-34	Middle
025-01	1.393	-1.765	0.84	102	1972	40.99	4.35E-42	Upper
025-02	1.028	-0.651	0.76	288	1985	94.25	1.04E-90	Lower
025-02	1.385	-1.280	0.91	288	1971	51.70	4.19E-153	Middle
025-02	1.392	-1.596	0.85	306	1971	101.93	5.85E-126	Upper
025-03	1.029	-0.535	0.74	204	1983	74.84	2.19E-61	Lower
025-03	1.499	-1.200	0.93	204	1981	34.67	4.56E-118	Middle
025-03	1.418	-1.452	0.85	223	1981	77.31	2.41E-93	Upper
025-04	0.619	-0.274	0.84	157	1983	9.68	6.15E-64	Lower
025-04	0.579	-0.315	0.79	155	1983	11.54	1.63E-54	Middle
025-04	1.255	-1.326	0.86	168	1983	35.48	2.27E-73	Upper
026-08	1.313	-0.831	0.60	13	1989	0.10	2.00E-03	Lower
026-08	0.546	-0.071	0.67	16	1989	0.04	9.85E-05	Middle
030-02	1.562	-1.302	0.98	5	1979	0.32	1.13E-03	Lower
030-02	1.379	-1.511	1.00	3	1979	0.00	2.86E-03	Middle
030-02	1.355	-1.530	0.98	10	1979	0.33	1.48E-08	Upper
030-03	1.439	-1.414	0.96	30	1987	0.43	2.46E-21	Middle
030-03	1.312	-1.460	0.89	36	1967	1.16	1.43E-17	Upper
034-02	0.797	-0.085	0.92	242	1989	10.54	4.04E-134	Lower
034-02	1.362	-0.821	0.84	235	1988	66.85	1.67E-94	Middle
034-02	1.546	-1.231	0.93	252	1989	38.05	6.36E-143	Upper
034-03	1.383	-1.060	0.69	171	1981	154.29	6.06E-45	Lower
034-03	1.448	-1.772	0.73	170	1981	136.59	8.34E-50	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
034-03	1.391	-1.816	0.74	177	1982	126.65	3.42E-53	Upper
034-04	1.482	-1.698	0.71	43	1986	36.19	1.31E-12	Lower
034-04	1.356	-1.834	0.67	42	1986	34.52	3.69E-11	Middle
034-04	1.336	-1.839	0.71	47	1986	32.26	1.13E-13	Upper
034-05	1.284	-1.338	0.66	164	1990	157.06	7.09E-40	Lower
034-05	1.400	-1.643	0.80	172	1984	92.64	6.70E-62	Middle
034-05	1.328	-1.710	0.81	179	1984	81.24	9.97E-67	Upper
034-06	0.738	-0.148	0.92	82	1976	2.83	4.80E-46	Lower
034-06	1.380	-0.788	0.79	81	1976	31.20	2.04E-28	Middle
034-06	1.621	-1.124	0.94	89	1975	10.59	1.98E-55	Upper
050-06	1.463	-1.286	0.96	229	1989	13.81	3.07E-163	Lower
050-06	1.407	-1.385	0.96	228	1980	13.08	2.60E-160	Middle
050-06	1.316	-1.484	0.93	242	1980	22.23	4.59E-140	Upper
058-02	0.971	0.061	0.99	15	1986	0.07	5.38E-16	Lower
058-02	1.611	-0.483	0.80	16	1986	7.92	2.87E-06	Middle
058-02	1.775	-1.102	0.86	19	1986	7.76	1.08E-08	Upper
074-03	0.453	0.269	0.59	121	1993	10.79	1.74E-24	Lower
074-03	1.677	-1.699	0.67	127	1993	106.67	5.27E-32	Upper
195-03	1.065	0.231	0.99	34	1985	0.41	1.16E-32	Lower
195-03	1.086	-0.054	0.73	31	1985	12.88	1.07E-09	Middle
195-03	1.858	-1.358	0.83	40	1985	25.63	3.10E-16	Upper
417-02	0.869	-0.030	0.98	99	1998	0.90	4.29E-85	Lower
417-02	1.482	-1.811	0.50	103	1998	138.46	5.76E-17	Upper
835-17	1.779	-1.181	0.77	25	1980	20.67	1.05E-08	Lower
835-17	1.822	-1.394	0.78	24	1980	17.22	1.05E-08	Middle
835-17	1.751	-1.421	0.83	31	1980	16.58	1.37E-12	Upper
838-03	1.412	-1.521	0.63	28	1973	27.70	4.04E-07	Lower
838-03	1.387	-1.791	0.80	26	1973	11.69	7.22E-10	Middle
838-03	1.435	-1.763	0.79	34	1973	16.67	2.45E-12	Upper
838-06	1.796	-1.393	0.82	6	1996	3.13	1.35E-02	Lower
838-06	1.692	-1.554	0.79	11	1996	5.40	2.36E-04	Upper
840-43	1.264	-1.635	1.00	23	1951	0.10	8.66E-31	Lower
840-43	1.233	-1.668	1.00	22	1951	0.10	1.83E-29	Middle
840-43	1.154	-1.753	0.99	28	1951	0.58	1.17E-27	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
009-31	1.781	-1.078	1.00	12	1982	0.01	1.46E-20	Lower
009-31	1.557	-1.319	0.98	13	1982	0.74	7.63E-11	Middle
009-31	1.311	-1.585	1.00	16	1982	0.04	4.56E-22	Upper
010-06	1.169	-0.030	0.50	64	1989	71.62	6.09E-11	Lower
010-06	1.889	-0.740	0.78	65	1989	52.05	1.78E-22	Middle
010-06	2.081	-1.124	0.87	73	1982	36.37	1.92E-33	Upper
012-30	2.159	-1.389	0.68	78	1993	113.03	1.16E-20	Lower
012-30	2.121	-1.417	0.69	76	1993	102.32	2.00E-20	Middle
012-30	1.911	-1.575	0.67	83	1993	98.26	2.14E-21	Upper
018-01	2.317	-1.207	0.73	66	1979	77.82	6.26E-20	Lower
018-01	2.147	-1.346	0.74	67	1979	65.93	1.27E-20	Middle
018-01	1.873	-1.552	0.73	71	1979	55.36	3.19E-21	Upper
019-30	0.971	0.055	0.95	85	1979	3.84	3.46E-57	Lower
019-30	0.881	-0.040	0.96	84	1979	2.52	2.50E-60	Middle
019-30	0.993	-0.506	0.77	91	1979	25.76	2.14E-30	Upper
029-03	1.052	0.156	0.98	8	1973	0.14	1.27E-06	Lower
029-03	1.431	-0.390	0.83	11	1973	4.59	9.81E-05	Middle
029-03	1.608	-1.084	0.91	15	1973	3.98	3.56E-08	Upper
029-04	0.865	-0.058	0.97	178	1979	4.04	2.59E-141	Lower
029-04	1.222	-0.832	0.84	180	1979	56.30	6.02E-73	Middle
029-04	1.384	-1.483	0.97	184	1979	13.67	3.08E-136	Upper
029-06	0.868	-0.028	0.93	68	1961	4.05	1.93E-40	Lower
029-06	0.789	-0.135	0.91	69	1961	4.66	2.31E-37	Middle
029-06	0.861	-0.622	0.74	74	1961	21.21	1.15E-22	Upper
029-07	1.877	-1.503	0.81	89	1980	74.28	8.70E-33	Middle
029-07	1.651	-1.674	0.80	95	1980	64.80	3.33E-34	Upper
031-06	0.886	0.825	0.87	22	1991	1.57	2.92E-10	Lower
031-06	1.613	0.014	0.75	22	1991	11.74	1.95E-07	Middle
031-06	1.502	-1.490	0.54	25	1991	29.27	2.98E-05	Upper
031-09	1.087	0.072	0.86	29	1989	5.58	6.63E-13	Lower
031-09	1.813	-0.994	0.98	27	1989	1.91	4.05E-22	Middle
031-09	1.554	-1.274	0.96	35	1989	2.85	1.45E-25	Upper
033-01	2.289	-1.295	0.79	21	1983	20.16	7.33E-08	Lower
033-01	2.123	-1.308	0.79	18	1994	15.47	7.35E-07	Middle
033-01	1.959	-1.542	0.81	28	1994	18.20	9.97E-11	Upper
033-02	1.900	-1.509	0.63	15	1994	17.79	4.20E-04	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
033-02	1.833	-1.520	0.71	22	1994	19.48	8.57E-07	Upper
035-03	0.941	0.030	0.98	17	1984	0.27	1.71E-14	Lower
035-03	0.858	-0.059	0.97	15	1984	0.30	9.08E-12	Middle
035-03	1.558	-1.281	0.96	22	1984	2.17	2.81E-15	Upper
035-04	0.743	0.641	0.93	8	1993	0.28	1.21E-04	Lower
035-04	0.673	0.633	0.83	10	1993	0.49	2.72E-04	Middle
035-04	0.694	0.452	0.82	16	1993	1.10	1.21E-06	Upper
038-01	1.480	-0.329	0.86	76	1972	29.95	6.92E-33	Lower
038-01	1.875	-0.963	1.00	75	1991	1.38	3.11E-86	Middle
038-01	1.656	-1.186	0.97	84	1991	6.17	2.17E-67	Upper
038-02	1.615	-1.600	0.81	9	1976	5.33	1.04E-03	Upper
039-01	0.997	0.587	0.97	60	1986	1.17	4.18E-47	Lower
039-01	1.969	-0.221	0.83	59	1986	33.07	1.37E-23	Middle
039-01	2.116	-0.698	0.97	63	1986	5.54	1.74E-49	Upper
040-04	0.936	0.401	0.89	25	1984	2.10	1.74E-12	Lower
040-04	1.770	-0.455	0.82	23	1984	11.27	2.17E-09	Middle
040-04	1.663	-1.227	0.75	30	1984	22.19	5.64E-10	Upper
041-02	1.859	-1.175	0.84	166	1995	108.83	6.19E-67	Lower
041-02	1.739	-1.313	0.83	168	1984	100.02	1.94E-66	Middle
041-02	1.537	-1.504	0.83	175	1984	81.50	1.21E-68	Upper
041-03	1.692	-1.411	0.72	125	1984	125.99	2.36E-35	Middle
041-03	1.543	-1.555	0.74	143	1989	109.85	9.40E-43	Upper
042-02	1.502	-1.640	0.67	82	1955	92.39	4.33E-21	Middle
042-02	1.400	-1.748	0.70	94	1955	85.69	1.56E-25	Upper
042-05	0.894	0.025	0.95	121	1985	5.83	3.65E-78	Lower
042-05	1.158	-0.604	0.80	126	1985	45.04	1.17E-45	Middle
042-05	1.471	-1.371	0.96	134	1981	13.65	3.82E-92	Upper
042-06	1.277	-0.622	0.86	6	1970	2.35	7.89E-03	Lower
042-06	1.571	-1.322	0.99	6	1970	0.18	6.53E-05	Middle
042-06	1.457	-1.441	0.96	12	1970	1.20	1.74E-08	Upper
042-07	0.856	0.203	0.92	195	1964	14.80	1.02E-106	Lower
042-07	1.029	-0.495	0.60	197	1976	160.98	1.38E-40	Middle
042-07	1.534	-1.524	0.85	215	1964	102.85	1.82E-88	Upper
045-31	0.925	0.098	0.96	75	1985	2.62	1.21E-54	Lower
045-31	1.050	-0.270	0.85	73	1977	15.32	4.19E-31	Middle
045-31	1.512	-1.330	0.95	87	1977	10.20	3.87E-58	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-06	1.457	-1.487	0.72	19	1976	18.59	3.82E-06	Middle
052-06	1.466	-1.669	0.77	26	1975	18.47	3.68E-09	Upper
052-08	1.209	0.179	0.78	42	1992	15.16	7.47E-15	Lower
052-08	1.965	-0.805	0.97	46	1975	5.11	3.17E-34	Middle
052-08	1.720	-1.083	0.96	51	1992	5.60	3.77E-35	Upper
052-30	0.804	0.772	0.92	4	1972	0.11	4.30E-02	Lower
052-30	2.409	-0.268	0.91	7	1972	1.75	7.61E-04	Upper
053-01	1.371	-0.432	0.83	88	1989	41.49	1.61E-34	Lower
053-01	1.687	-1.099	0.96	93	1966	13.24	2.29E-65	Middle
053-01	1.528	-1.275	0.93	98	1974	18.47	1.31E-58	Upper
053-04	0.904	-0.024	1.00	4	1974	0.00	2.57E-05	Lower
053-04	0.876	-0.049	0.99	5	1974	0.04	4.17E-04	Middle
053-04	1.273	-0.957	0.86	8	1974	3.21	9.98E-04	Upper
053-05	1.615	-1.432	0.79	58	1972	49.49	1.42E-20	Middle
053-05	1.631	-1.602	0.86	68	1972	35.15	8.40E-30	Upper
053-30	1.304	-1.087	0.89	45	1955	15.52	1.20E-22	Lower
053-30	1.392	-1.488	0.96	47	1955	5.99	9.71E-34	Middle
053-30	1.244	-1.651	0.97	51	1955	4.00	3.60E-39	Upper
056-06	2.424	-1.103	0.73	8	1980	10.27	6.79E-03	Lower
056-06	2.083	-1.418	0.68	9	1980	11.59	6.40E-03	Middle
056-06	2.120	-1.372	0.74	12	1980	11.28	3.30E-04	Upper
056-30	1.954	-0.877	0.99	4	1990	0.07	2.60E-03	Lower
056-30	1.899	-0.950	1.00	5	1990	0.01	6.16E-06	Middle
056-30	1.720	-1.153	0.96	8	1990	0.80	1.52E-05	Upper
058-30	0.699	0.422	0.79	17	1980	1.96	1.91E-06	Lower
058-30	1.454	-0.280	0.70	19	1980	13.38	7.98E-06	Middle
058-30	1.611	-1.117	0.78	23	1980	14.45	2.19E-08	Upper
059-01	2.333	-1.201	0.73	27	1950	32.41	1.25E-08	Lower
059-01	2.220	-1.279	0.76	28	1950	24.68	1.38E-09	Middle
059-01	1.904	-1.535	0.74	32	1950	24.69	3.03E-10	Upper
059-02	0.803	0.957	0.87	28	1987	1.52	6.47E-13	Lower
059-02	2.041	0.288	0.75	27	1990	20.09	5.70E-09	Middle
059-02	2.147	-0.740	0.78	32	1990	23.16	2.15E-11	Upper
061-01	1.005	0.094	0.96	16	1982	0.52	2.11E-11	Lower
061-01	0.940	0.026	0.97	15	1982	0.37	3.37E-11	Middle
061-01	1.010	-0.392	0.78	22	1982	5.31	6.42E-08	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
063-05	0.962	0.362	0.98	41	1990	0.62	1.29E-33	Lower
063-05	0.899	0.306	0.96	43	1990	1.16	1.39E-29	Middle
063-05	1.489	-0.552	0.81	47	1990	16.50	5.97E-18	Upper
063-06	1.265	-0.089	0.77	7	1990	3.65	9.26E-03	Lower
063-06	1.891	-0.934	0.99	8	1990	0.44	8.08E-07	Middle
063-06	1.744	-1.033	0.93	13	1990	2.97	1.50E-07	Upper
065-06	1.941	-0.885	0.99	25	1992	0.75	1.37E-24	Lower
065-06	1.777	-1.061	0.99	27	1992	0.89	1.67E-25	Middle
065-06	1.610	-1.226	0.98	30	1992	1.38	1.02E-24	Upper
066-01	0.928	0.326	0.98	51	1989	0.54	6.31E-46	Lower
066-01	0.860	0.272	0.96	55	1989	1.43	8.52E-38	Middle
066-01	0.735	0.117	0.79	57	1989	6.32	4.18E-20	Upper
090-04	1.739	-1.376	0.68	125	1989	124.14	2.72E-32	Lower
090-04	1.665	-1.549	0.71	126	1989	101.10	4.34E-35	Middle
090-04	1.467	-1.710	0.71	129	1989	81.05	1.22E-35	Upper
090-05	1.887	-0.955	0.99	16	1991	0.40	9.93E-17	Lower
090-05	1.770	-1.077	0.99	18	1991	0.50	5.91E-18	Middle
090-05	1.576	-1.284	0.98	20	1991	1.25	4.11E-16	Upper
094-02	2.381	-1.218	0.80	70	1994	65.10	1.67E-25	Lower
094-02	2.283	-1.289	0.79	71	1994	65.28	3.63E-25	Middle
094-02	2.046	-1.459	0.78	75	1994	56.95	5.52E-26	Upper
097-01	1.970	-1.230	0.79	26	1990	22.44	1.64E-09	Upper
098-03	2.134	-1.414	0.76	102	1994	99.95	4.48E-33	Lower
098-03	1.927	-1.568	0.77	104	1994	80.93	3.35E-34	Middle
098-03	1.710	-1.728	0.77	107	1994	66.57	7.67E-35	Upper
100-01	0.902	0.156	0.97	133	1990	3.21	3.38E-102	Lower
100-01	0.904	0.011	0.96	128	1982	4.62	4.65E-88	Middle
100-01	1.413	-0.924	0.85	142	1982	47.44	1.26E-59	Upper
100-02	1.547	-1.130	0.56	74	1983	111.63	2.14E-14	Middle
100-02	1.715	-1.453	0.69	81	1983	83.19	6.93E-22	Upper
100-03	0.924	0.005	0.97	53	1983	1.27	4.46E-42	Lower
100-03	0.809	-0.107	0.91	55	1983	3.87	9.06E-29	Middle
100-03	0.946	-0.570	0.71	58	1983	22.05	1.27E-16	Upper
101-01	0.967	0.186	0.96	139	1982	6.68	2.89E-94	Lower
101-01	1.795	-1.205	0.86	142	1982	79.51	3.43E-62	Middle
101-01	1.682	-1.418	0.88	149	1982	62.92	3.19E-69	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
101-02	1.184	-0.251	0.72	76	1961	43.79	2.09E-22	Lower
101-02	1.581	-1.428	0.76	74	1961	59.81	2.77E-24	Middle
101-02	1.351	-1.761	0.72	82	1961	61.12	4.23E-24	Upper
103-01	0.963	0.408	0.69	45	1979	16.18	2.06E-12	Lower
103-01	1.424	-0.862	0.53	46	1979	72.70	9.30E-09	Middle
103-01	1.801	-1.411	0.80	51	1979	34.85	7.31E-19	Upper
105-01	1.391	-1.244	0.51	86	1980	135.95	1.64E-14	Lower
105-01	1.701	-1.666	0.78	90	1994	62.83	1.93E-30	Middle
105-01	1.593	-1.754	0.79	98	1994	57.90	6.34E-34	Upper
105-02	1.616	-1.034	0.63	43	1992	54.30	2.61E-10	Lower
105-02	1.789	-1.352	0.80	47	1992	30.29	2.20E-17	Middle
105-02	1.676	-1.422	0.81	52	1992	28.59	2.03E-19	Upper
105-03	1.662	-1.204	1.00	12	1985	0.16	1.57E-13	Lower
105-03	1.571	-1.302	1.00	13	1985	0.12	2.64E-15	Middle
105-03	1.456	-1.422	0.99	18	1985	0.52	3.59E-17	Upper
106-01	0.753	0.324	0.82	112	1977	15.76	2.87E-42	Lower
106-01	1.558	-1.038	0.80	118	1978	77.86	9.17E-43	Middle
106-01	1.511	-1.564	0.84	123	1977	59.28	8.99E-50	Upper
106-02	1.524	-1.673	0.66	81	1982	86.50	3.85E-20	Middle
106-02	1.450	-1.719	0.69	89	1982	77.22	1.15E-23	Upper
107-01	0.970	0.437	0.88	65	1982	6.79	2.40E-30	Lower
107-01	1.637	-0.567	0.76	68	1982	44.92	3.50E-22	Middle
107-01	1.558	-1.583	0.67	70	1982	66.84	6.82E-18	Upper
107-02	0.585	0.882	0.67	132	1982	17.45	6.09E-33	Lower
107-02	1.063	0.327	0.88	131	1982	14.80	3.02E-62	Middle
107-02	1.381	-0.625	0.58	137	1982	143.87	1.68E-27	Upper
108-01	0.861	-0.016	0.59	54	1978	26.61	8.80E-12	Lower
108-01	1.257	-1.386	0.51	52	1978	79.14	2.42E-09	Middle
108-01	1.475	-1.720	0.69	59	1978	55.41	2.81E-16	Upper
109-01	1.621	-1.583	0.60	51	1989	71.76	1.89E-11	Lower
109-01	1.599	-1.592	0.62	53	1989	68.82	2.47E-12	Middle
109-01	1.514	-1.675	0.61	56	1989	66.53	1.00E-12	Upper
109-03	1.647	-1.537	0.57	97	1991	151.16	4.15E-19	Lower
109-03	1.584	-1.586	0.58	99	1991	139.42	9.82E-20	Middle
109-03	1.451	-1.713	0.57	101	1991	122.40	7.59E-20	Upper
110-01	1.931	-1.181	0.73	71	1987	79.40	4.25E-21	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
110-01	1.877	-1.345	0.77	74	1987	62.62	2.04E-24	Middle
110-01	1.803	-1.410	0.78	76	1987	56.83	8.91E-26	Upper
110-02	1.984	-0.853	1.00	47	1989	0.71	6.19E-57	Lower
110-02	1.869	-0.975	0.99	49	1989	1.29	2.70E-52	Middle
110-02	1.658	-1.205	0.99	50	1989	2.07	2.14E-46	Upper
111-01	2.214	-1.317	0.75	98	1991	104.21	2.82E-30	Lower
111-01	1.992	-1.476	0.75	98	1991	83.60	1.28E-30	Middle
111-01	1.800	-1.633	0.75	103	1991	71.39	6.12E-32	Upper
111-02	0.822	0.349	0.88	157	1980	12.60	2.50E-74	Lower
111-02	1.529	-1.080	0.65	156	1980	174.96	3.96E-37	Middle
111-02	1.399	-1.860	0.64	167	1993	170.94	4.32E-38	Upper
113-01	1.190	0.323	0.65	79	1956	50.76	2.13E-19	Lower
113-01	1.789	-1.062	0.77	78	1956	65.40	4.08E-26	Middle
113-01	1.376	-1.742	0.63	84	1956	79.70	1.27E-19	Upper
115-01	0.676	0.457	0.81	184	1960	25.08	1.54E-67	Lower
115-01	1.030	-0.317	0.73	183	1959	93.02	9.09E-53	Middle
115-01	1.417	-1.729	0.77	192	1960	148.16	3.87E-62	Upper
115-02	1.484	-1.135	0.96	82	1954	12.29	1.37E-56	Lower
115-02	1.484	-1.396	0.99	84	1954	3.78	4.77E-79	Middle
115-02	1.303	-1.594	0.98	88	1954	5.69	7.26E-71	Upper
116-02	1.563	-1.311	0.99	68	1965	1.43	8.19E-74	Lower
116-02	1.444	-1.439	0.99	68	1965	1.55	6.46E-71	Middle
116-02	1.301	-1.594	0.99	73	1965	1.68	4.03E-72	Upper
116-03	0.862	0.143	0.93	128	1976	6.57	3.05E-76	Lower
116-03	0.812	-0.105	0.93	127	1976	5.76	3.07E-75	Middle
116-03	1.156	-0.985	0.82	134	1976	38.43	7.30E-51	Upper
117-04	1.471	-0.940	0.88	67	1965	28.18	3.44E-32	Lower
117-04	1.579	-1.301	0.99	67	1965	1.27	2.78E-76	Middle
117-04	1.483	-1.407	0.99	73	1965	3.10	5.74E-69	Upper
118-02	0.872	-0.057	0.98	75	1973	1.42	2.44E-63	Lower
118-02	0.786	-0.141	0.93	79	1973	4.27	1.54E-46	Middle
118-02	0.746	-0.471	0.70	81	1973	22.57	2.45E-22	Upper
118-03	0.982	0.082	0.98	138	1984	1.89	2.63E-121	Lower
118-03	0.885	-0.026	0.96	137	1984	3.40	9.87E-98	Middle
118-03	0.714	-0.185	0.79	144	1984	15.04	1.08E-50	Upper
119-01	1.019	-0.493	0.84	84	1964	21.66	7.89E-34	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
119-01	1.434	-1.442	0.97	84	1964	6.53	2.57E-65	Middle
119-01	1.308	-1.572	0.95	90	1964	10.25	1.12E-58	Upper
119-02	1.400	-1.199	0.95	124	1955	17.61	8.38E-80	Lower
119-02	1.395	-1.485	0.98	122	1955	7.10	4.69E-101	Middle
119-02	1.256	-1.635	0.96	130	1955	10.59	1.98E-92	Upper
120-01	0.886	0.402	0.93	126	1986	6.03	1.08E-73	Lower
120-01	0.938	0.031	0.95	125	1986	4.40	9.90E-84	Middle
120-01	1.150	-0.618	0.79	132	1986	37.91	1.03E-45	Upper
121-01	0.784	0.310	0.93	119	1991	4.65	5.58E-71	Lower
121-01	1.705	-0.836	0.91	121	1990	32.11	1.09E-63	Middle
121-01	1.645	-1.128	0.92	128	1991	25.46	6.46E-72	Upper
121-02	0.892	-0.023	0.97	56	1956	1.49	1.14E-42	Lower
121-02	0.795	-0.129	0.93	55	1975	3.02	2.72E-32	Middle
121-02	1.287	-1.238	0.87	67	1975	16.24	9.49E-31	Upper
123-01	0.872	0.022	0.93	116	1977	6.73	4.02E-69	Lower
123-01	0.744	-0.167	0.88	113	1977	9.81	5.74E-52	Middle
123-01	1.342	-1.306	0.89	127	1981	28.73	2.64E-62	Upper
123-02	0.978	0.051	0.98	11	1981	0.26	5.48E-09	Lower
123-02	1.187	-0.393	0.85	12	1981	3.00	2.16E-05	Middle
123-02	1.551	-1.317	0.97	17	1981	1.41	7.80E-13	Upper
123-03	0.944	0.127	0.97	106	1981	3.02	1.52E-78	Lower
123-03	0.884	-0.032	0.96	104	1981	3.10	7.22E-73	Middle
123-03	1.313	-0.941	0.85	112	1981	31.42	5.70E-47	Upper
123-04	2.262	-1.265	0.76	17	1976	17.07	5.17E-06	Lower
123-04	2.067	-1.411	0.75	16	1976	14.36	1.57E-05	Middle
123-04	1.938	-1.501	0.75	22	1976	16.53	1.73E-07	Upper
125-03	0.855	-0.053	0.66	177	1982	74.15	6.48E-43	Lower
125-03	1.289	-1.161	0.59	180	1982	227.72	1.18E-36	Middle
125-03	1.447	-1.647	0.78	189	1982	122.06	1.87E-63	Upper
126-02	0.960	0.038	0.99	137	1979	1.16	1.84E-142	Lower
126-02	1.270	-0.528	0.87	136	1979	34.44	5.97E-62	Middle
126-02	1.517	-1.339	0.96	142	1979	16.69	1.98E-96	Upper
126-03	1.245	-1.915	0.53	93	1990	62.86	9.08E-17	Middle
126-03	1.167	-1.973	0.58	97	1990	52.33	1.85E-19	Upper
127-03	0.815	0.522	0.91	30	1982	1.59	1.61E-16	Lower
127-03	1.437	-0.108	0.77	29	1982	15.29	3.66E-10	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
127-03	1.801	-0.946	0.88	35	1982	13.29	9.11E-17	Upper
127-04	0.860	0.502	0.84	86	1982	9.38	2.45E-35	Lower
127-04	1.910	-0.541	0.86	86	1982	39.92	2.98E-37	Middle
127-04	1.407	-1.603	0.62	91	1982	87.70	1.76E-20	Upper
127-05	0.881	0.030	0.95	160	1976	8.05	1.14E-103	Lower
127-05	1.196	-0.696	0.84	158	1976	49.93	1.24E-64	Middle
127-05	1.435	-1.430	0.96	170	1977	18.26	7.79E-117	Upper
128-02	1.517	-1.354	0.99	18	1963	0.63	3.25E-17	Lower
128-02	1.463	-1.407	0.98	15	1963	0.84	1.27E-12	Middle
128-02	1.359	-1.512	0.94	23	1963	3.37	1.13E-14	Upper
128-03	1.588	-0.155	0.77	149	1983	99.53	4.37E-49	Lower
128-03	1.832	-1.176	0.74	147	1985	150.05	1.56E-44	Middle
128-03	1.597	-1.473	0.72	157	1983	137.04	2.82E-45	Upper
130-02	0.975	0.546	0.96	106	1975	2.62	9.03E-77	Lower
130-02	1.980	-0.261	0.84	108	1975	54.49	1.79E-44	Middle
130-02	2.071	-0.734	0.97	110	1975	10.22	2.28E-84	Upper
131-01	0.525	0.700	0.75	154	1992	13.07	3.64E-47	Lower
131-01	0.703	0.249	0.74	151	1992	23.30	6.54E-46	Middle
131-01	1.490	-1.042	0.82	167	1986	69.12	3.34E-64	Upper
131-04	0.952	0.218	0.94	49	1977	2.11	4.96E-31	Lower
131-04	1.568	-0.487	0.81	49	1977	22.23	1.39E-18	Middle
131-04	1.549	-1.598	0.68	55	1977	51.46	1.32E-14	Upper
132-07	1.368	-1.011	0.62	66	1968	91.84	5.42E-15	Lower
132-07	1.672	-1.586	0.86	67	1968	36.13	2.16E-29	Middle
132-07	1.529	-1.685	0.85	72	1968	34.31	7.82E-31	Upper
134-02	1.222	0.245	0.71	66	1979	33.35	6.63E-19	Lower
134-02	1.992	-0.805	0.97	66	1980	5.70	1.61E-52	Middle
134-02	1.739	-1.089	0.98	70	1980	3.62	2.63E-59	Upper
134-03	0.961	0.046	0.97	82	1982	2.50	1.46E-61	Lower
134-03	0.856	-0.049	0.93	81	1982	4.29	1.24E-48	Middle
134-03	0.754	-0.235	0.75	88	1982	15.97	5.39E-28	Upper
134-04	1.044	0.154	0.98	121	1985	3.17	1.02E-97	Lower
134-04	0.983	0.072	0.96	119	1985	4.79	2.62E-83	Middle
134-04	0.992	-0.264	0.78	126	1985	33.14	1.16E-42	Upper
135-01	0.854	0.062	0.93	94	1959	6.74	3.06E-54	Lower
135-01	0.794	-0.129	0.88	91	1959	10.01	2.80E-42	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
135-01	1.009	-0.893	0.76	100	1959	39.74	3.12E-32	Upper
135-02	1.025	0.117	0.98	66	1985	0.95	1.51E-59	Lower
135-02	0.978	0.075	0.98	67	1985	0.94	1.15E-58	Middle
135-02	1.295	-0.526	0.85	71	1985	18.65	9.35E-30	Upper
136-01	1.414	-1.088	0.67	156	1964	192.59	2.63E-39	Lower
136-01	1.642	-1.599	0.87	151	1964	76.67	2.41E-68	Middle
136-01	1.549	-1.677	0.86	162	1964	81.32	1.06E-69	Upper
136-02	1.004	-0.345	0.61	157	1964	123.56	1.73E-33	Lower
136-02	1.479	-1.134	0.79	156	1982	111.32	3.91E-54	Middle
136-02	1.558	-1.536	0.88	167	1964	63.61	2.83E-79	Upper
137-01	0.912	0.297	0.98	168	1987	2.46	9.39E-144	Lower
137-01	0.843	0.237	0.94	173	1987	6.50	1.98E-108	Middle
137-01	0.784	0.063	0.79	173	1987	25.04	1.23E-59	Upper
137-02	0.872	0.104	0.93	138	1978	9.18	2.86E-80	Lower
137-02	0.778	-0.141	0.93	139	1978	7.66	4.65E-80	Middle
137-02	0.784	-0.427	0.70	144	1978	42.53	2.26E-39	Upper
137-03	0.878	-0.044	0.97	89	1961	2.72	1.17E-67	Lower
137-03	1.290	-0.966	0.90	93	1960	19.48	7.14E-48	Middle
137-03	1.395	-1.483	0.97	100	1960	8.20	9.97E-74	Upper
138-01	0.848	-0.075	0.92	14	1965	1.02	6.84E-08	Lower
138-01	1.161	-0.737	0.84	11	1965	2.97	8.35E-05	Middle
138-01	1.423	-1.454	0.94	19	1965	2.81	9.01E-12	Upper
138-02	1.587	-1.284	0.99	91	1961	2.32	1.12E-96	Lower
138-02	1.476	-1.403	0.99	92	1961	2.54	8.15E-94	Middle
138-02	1.296	-1.597	0.98	96	1961	5.33	4.29E-78	Upper
138-03	1.566	-1.302	0.98	84	1965	5.03	2.36E-73	Lower
138-03	1.485	-1.381	0.96	84	1964	10.16	2.40E-59	Middle
138-03	1.391	-1.476	0.93	95	1964	18.53	1.85E-54	Upper
138-04	1.659	-1.474	0.87	70	1973	34.93	1.10E-31	Upper
138-30	0.814	0.484	0.83	90	1974	12.27	4.26E-36	Lower
138-30	1.654	-1.560	0.82	96	1974	59.15	8.36E-37	Upper
143-01	0.905	0.286	0.97	117	1987	2.69	3.71E-86	Lower
143-01	0.828	0.218	0.93	119	1988	4.83	1.09E-68	Middle
143-01	0.791	-0.018	0.72	128	1988	23.69	8.54E-37	Upper
143-02	0.894	-0.010	0.95	102	1983	3.60	1.04E-67	Lower
143-02	0.771	-0.126	0.86	100	1983	8.31	1.36E-43	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
143-02	0.638	-0.248	0.68	108	1983	18.12	8.07E-28	Upper
143-04	0.965	0.381	0.89	111	1979	11.85	7.04E-54	Lower
143-04	1.425	-0.278	0.78	110	1979	58.91	4.74E-37	Middle
143-04	1.741	-1.052	0.96	118	1979	13.59	1.89E-83	Upper
143-05	1.629	-0.755	0.90	70	1977	22.70	2.77E-35	Lower
143-05	1.688	-1.109	0.98	70	1979	4.46	3.62E-59	Middle
143-05	1.546	-1.258	0.97	78	1977	5.59	8.72E-61	Upper
146-01	0.868	-0.011	0.96	59	1978	2.15	2.64E-41	Lower
146-01	0.818	-0.102	0.93	58	1962	3.70	1.35E-33	Middle
146-01	1.405	-1.354	0.91	68	1962	14.96	1.14E-35	Upper
149-01	0.772	0.302	0.83	37	1973	4.44	5.51E-15	Lower
149-01	0.908	-0.175	0.66	38	1973	15.56	5.31E-10	Middle
149-01	1.584	-1.591	0.75	43	1973	34.12	6.58E-14	Upper
149-02	0.858	-0.012	0.93	42	1982	2.63	1.69E-24	Lower
149-02	0.746	-0.125	0.89	44	1982	3.04	8.58E-22	Middle
149-02	1.266	-1.146	0.84	52	1982	16.78	1.98E-21	Upper
149-04	1.079	0.455	0.69	147	1967	54.63	2.33E-38	Lower
149-04	2.126	-0.622	0.87	147	1967	67.71	2.05E-66	Middle
149-04	1.723	-1.405	0.72	159	1986	134.10	6.38E-45	Upper
149-30	1.471	-1.414	0.99	17	1943	0.39	1.67E-17	Lower
149-30	1.381	-1.510	0.99	19	1943	0.40	9.71E-20	Middle
149-30	1.216	-1.687	0.97	23	1943	1.45	1.79E-17	Upper
150-02	0.836	0.345	0.91	74	1988	4.90	1.50E-38	Lower
150-02	0.815	0.152	0.90	68	1976	4.67	2.05E-34	Middle
150-02	1.107	-0.646	0.74	85	1988	31.27	4.69E-26	Upper
152-01	1.494	-0.885	0.92	97	1980	19.32	5.76E-55	Lower
152-01	1.582	-1.289	1.00	97	1980	1.01	4.01E-116	Middle
152-01	1.426	-1.458	0.99	103	1980	3.14	1.04E-95	Upper
153-01	1.592	-1.419	0.62	70	1987	97.50	8.85E-16	Middle
153-01	1.546	-1.639	0.67	74	1987	75.77	3.90E-19	Upper
155-03	0.881	0.404	0.95	152	1988	5.08	1.70E-97	Lower
155-03	0.823	0.202	0.94	152	1988	5.10	1.65E-92	Middle
155-03	1.029	-0.353	0.72	161	1988	50.12	9.06E-46	Upper
160-01	0.979	-0.155	0.87	25	1979	4.44	9.63E-12	Lower
160-01	1.569	-1.282	0.97	26	1979	2.05	1.83E-20	Middle
160-01	1.427	-1.442	0.98	31	1979	1.90	5.50E-25	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
160-02	0.955	0.023	0.99	92	1977	0.94	1.14E-88	Lower
160-02	1.309	-0.695	0.89	93	1977	18.78	5.18E-45	Middle
160-02	1.503	-1.365	0.97	98	1977	5.78	5.33E-77	Upper
161-09	0.638	0.849	0.73	25	1983	2.81	5.67E-08	Lower
161-09	1.876	-0.255	0.74	23	1983	21.22	1.18E-07	Middle
161-09	1.619	-1.258	0.73	31	1983	24.13	8.19E-10	Upper
162-01	1.609	-0.676	0.89	52	1991	20.09	6.74E-26	Lower
162-01	1.771	-1.039	0.97	55	1974	5.86	3.23E-43	Middle
162-01	1.622	-1.199	0.96	61	1991	6.90	1.41E-44	Upper
163-01	1.304	-0.918	0.90	104	1958	26.34	3.15E-52	Lower
163-01	1.445	-1.432	0.98	107	1958	6.12	1.48E-90	Middle
163-01	1.303	-1.578	0.95	110	1958	13.44	9.32E-71	Upper
163-02	1.511	-1.662	0.87	52	1953	26.56	4.25E-24	Lower
163-02	1.484	-1.762	0.88	56	1953	25.43	1.54E-26	Middle
163-02	1.376	-1.817	0.87	60	1953	25.83	3.17E-27	Upper
164-02	0.896	-0.024	0.96	176	1981	6.36	3.52E-125	Lower
164-02	1.557	-1.142	0.95	180	1980	26.77	1.48E-116	Middle
164-02	1.457	-1.401	0.96	190	1980	16.51	2.50E-137	Upper
164-03	1.679	-0.822	0.94	85	1979	16.79	5.29E-52	Lower
164-03	1.738	-1.107	0.99	86	1986	4.00	1.24E-79	Middle
164-03	1.518	-1.343	0.97	94	1986	7.25	6.05E-71	Upper
164-04	1.243	-0.338	0.86	96	1982	25.89	2.19E-41	Lower
164-04	1.670	-1.178	0.99	96	1988	3.68	6.18E-90	Middle
164-04	1.487	-1.382	0.98	104	1988	4.46	6.73E-90	Upper
165-01	1.313	0.321	0.69	82	1983	42.18	2.66E-22	Lower
165-01	1.934	-1.003	0.72	78	1983	74.91	5.40E-23	Middle
165-01	1.448	-1.652	0.55	88	1983	104.22	1.11E-16	Upper
165-02	1.104	-0.249	0.77	93	1983	40.57	1.87E-30	Lower
165-02	1.577	-1.109	0.93	94	1983	19.86	1.36E-55	Middle
165-02	1.425	-1.579	0.82	103	1976	53.18	5.11E-39	Upper
165-03	1.596	-1.078	0.96	43	1973	7.46	4.20E-30	Lower
165-03	1.595	-1.279	1.00	43	1973	0.70	9.24E-51	Middle
165-03	1.405	-1.484	0.99	48	1973	1.88	1.76E-45	Upper
166-01	1.321	-1.994	0.54	12	1995	12.53	6.74E-03	Upper
166-03	1.425	-0.133	0.75	145	1991	91.72	1.77E-44	Lower
166-03	1.837	-1.045	0.88	143	1991	58.92	1.20E-67	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
166-03	1.585	-1.500	0.77	152	1985	106.37	4.26E-49	Upper
166-04	1.475	-1.184	0.97	85	1954	8.04	4.21E-63	Lower
166-04	1.469	-1.417	0.99	84	1954	1.25	4.62E-94	Middle
166-04	1.304	-1.596	0.98	91	1954	4.74	6.72E-74	Upper
167-04	1.109	-0.479	0.82	122	1979	51.77	3.40E-46	Lower
167-04	1.487	-1.308	0.96	123	1958	15.21	6.56E-90	Middle
167-04	1.322	-1.472	0.95	132	1958	19.20	7.31E-85	Upper
168-01	1.098	0.115	0.55	115	1983	89.49	3.93E-21	Lower
168-01	2.033	-0.791	0.92	113	1983	29.69	8.86E-64	Middle
168-01	1.789	-1.061	0.91	122	1985	32.65	2.70E-63	Upper
168-02	1.187	-1.896	0.50	121	1984	111.15	7.40E-20	Upper
169-01	1.908	-1.154	0.58	16	1995	25.41	5.92E-04	Upper
171-04	1.670	-1.200	0.99	46	1952	1.50	6.10E-47	Lower
171-04	1.553	-1.326	0.97	46	1960	4.51	2.80E-35	Middle
171-04	1.383	-1.510	0.97	55	1960	4.75	2.68E-40	Upper
172-30	0.601	0.515	0.74	71	1970	10.72	4.71E-22	Lower
172-30	1.346	-0.611	0.73	73	1970	59.50	9.35E-22	Middle
172-30	1.375	-1.500	0.78	76	1970	48.65	2.83E-26	Upper
175-01	1.514	-1.360	0.99	31	1963	1.07	2.19E-29	Lower
175-01	1.424	-1.453	0.98	30	1963	1.81	5.78E-25	Middle
175-01	1.288	-1.597	0.96	37	1963	3.06	5.06E-26	Upper
175-02	1.889	-1.123	0.71	162	1976	194.77	4.25E-45	Lower
175-02	1.854	-1.367	0.79	165	1976	127.07	3.87E-57	Middle
175-02	1.659	-1.590	0.78	176	1994	108.87	6.80E-60	Upper
176-01	1.462	-1.159	0.86	141	1955	75.27	7.15E-61	Lower
176-01	1.468	-1.530	0.92	140	1955	38.89	2.22E-78	Middle
176-01	1.309	-1.676	0.90	151	1962	40.87	1.17E-77	Upper
176-03	0.620	0.449	0.66	23	1960	5.46	2.85E-06	Lower
176-03	1.497	-0.922	0.76	19	1960	15.26	1.06E-06	Middle
176-03	1.513	-1.619	0.82	29	1960	16.04	1.12E-11	Upper
178-01	1.457	-0.673	0.89	205	1974	62.18	7.66E-98	Lower
178-01	1.640	-1.199	0.98	210	1974	10.78	3.03E-186	Middle
178-01	1.452	-1.399	0.97	219	1985	15.18	6.88E-168	Upper
179-01	1.537	-0.248	0.76	57	1976	36.72	7.59E-19	Lower
179-01	1.886	-0.936	0.98	57	1976	3.68	3.08E-48	Middle
179-01	1.713	-1.126	0.98	61	1976	2.91	5.76E-53	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
180-01	1.076	0.470	0.93	168	1979	10.48	8.91E-99	Lower
180-01	2.144	-0.541	0.95	167	1979	26.56	6.09E-113	Middle
180-01	1.679	-1.394	0.66	173	1979	189.79	1.83E-41	Upper
181-01	1.603	-1.269	0.99	99	1965	2.52	4.55E-106	Lower
181-01	1.485	-1.397	0.99	100	1965	3.80	7.57E-95	Middle
181-01	1.327	-1.567	0.98	104	1965	5.45	3.12E-87	Upper
182-01	1.380	-0.560	0.74	128	1976	105.68	3.10E-38	Lower
182-01	1.643	-1.190	0.93	128	1976	32.83	5.23E-74	Middle
182-01	1.495	-1.348	0.91	144	1976	36.81	1.88E-77	Upper
183-02	1.850	-0.716	0.72	11	1953	9.43	9.40E-04	Lower
183-02	1.748	-1.474	0.66	11	1953	10.32	2.51E-03	Middle
183-02	1.854	-1.321	0.75	15	1953	10.96	3.06E-05	Upper
184-01	0.881	0.404	0.78	144	1982	24.35	6.44E-48	Lower
184-01	1.600	-0.987	0.63	142	1982	160.22	3.38E-32	Middle
184-01	1.671	-1.512	0.78	150	1982	92.15	7.90E-50	Upper
185-02	1.289	0.511	0.52	47	1985	40.59	1.08E-08	Lower
185-02	2.114	-0.809	0.75	48	1985	39.34	2.15E-15	Middle
185-02	1.726	-1.429	0.68	51	1985	41.79	1.41E-13	Upper
185-03	0.781	0.800	0.86	177	1985	11.59	4.04E-76	Lower
185-03	1.787	-0.026	0.76	179	1985	117.08	3.14E-57	Middle
185-03	1.938	-0.934	0.79	183	1985	121.34	7.97E-63	Upper
186-01	1.746	-0.778	0.93	85	1986	22.53	4.74E-50	Lower
186-01	1.786	-1.052	0.99	85	1981	2.15	3.40E-92	Middle
186-01	1.608	-1.225	0.98	93	1986	6.42	1.53E-76	Upper
186-04	0.873	0.022	0.94	100	1983	5.53	2.80E-62	Lower
186-04	1.500	-1.058	0.92	96	1980	23.98	2.31E-52	Middle
186-04	1.472	-1.397	0.97	109	1983	7.07	5.89E-87	Upper
186-30	0.852	0.099	0.94	111	1980	5.69	1.24E-66	Lower
186-30	1.072	-0.511	0.81	109	1980	29.78	8.69E-41	Middle
186-30	1.452	-1.399	0.95	117	1980	14.01	4.57E-75	Upper
188-01	0.941	0.350	0.98	9	1990	0.10	1.47E-07	Lower
188-01	0.876	0.307	0.95	6	1990	0.16	9.42E-04	Middle
188-01	0.894	0.103	0.94	15	1990	0.50	1.78E-09	Upper
189-01	0.952	0.356	0.96	316	1982	12.04	5.11E-218	Lower
189-01	1.727	-1.470	0.76	324	1982	298.19	1.93E-100	Upper
191-01	1.540	0.063	0.66	74	1991	58.58	9.53E-19	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
191-01	2.165	-0.656	0.99	73	1991	1.87	8.29E-76	Middle
191-01	1.969	-0.869	0.99	78	1991	2.57	3.34E-74	Upper
191-02	1.288	0.009	0.72	105	1987	56.31	5.44E-30	Lower
191-02	1.698	-1.233	0.78	107	1987	72.54	3.98E-36	Middle
191-02	1.208	-1.958	0.60	110	1987	90.96	5.77E-23	Upper
191-03	1.565	-1.642	0.70	75	1985	75.23	8.20E-21	Upper
192-02	0.958	0.385	0.96	144	1990	3.56	3.66E-105	Lower
192-02	0.900	0.310	0.96	143	1990	3.95	1.34E-97	Middle
192-02	1.449	-0.597	0.78	150	1990	64.59	8.45E-51	Upper
193-31	2.334	-1.140	0.59	40	1995	89.07	6.03E-09	Lower
193-31	2.196	-1.209	0.59	39	1995	82.61	1.14E-08	Middle
193-31	2.103	-1.285	0.59	45	1995	87.26	8.18E-10	Upper
195-01	1.037	0.120	1.00	101	1976	0.34	5.94E-133	Lower
195-01	1.441	-0.535	0.84	103	1976	55.86	1.93E-42	Middle
195-01	1.665	-1.198	0.99	105	1976	4.94	1.02E-100	Upper
195-30	1.954	-1.401	0.61	28	1994	40.99	9.26E-07	Middle
195-30	1.828	-1.561	0.66	37	1994	39.66	1.03E-09	Upper
197-02	1.818	-0.974	0.97	16	1978	1.58	1.46E-12	Lower
197-02	1.735	-1.068	0.96	15	1978	2.19	1.47E-10	Middle
197-02	1.592	-1.201	0.93	23	1989	4.69	2.00E-13	Upper
197-03	2.386	-0.997	0.76	187	1976	198.96	5.43E-60	Lower
197-03	2.316	-1.096	0.78	187	1976	170.44	1.18E-62	Middle
197-03	2.069	-1.306	0.77	195	1976	151.21	2.65E-63	Upper
197-30	0.832	0.643	0.95	41	1961	0.97	4.18E-27	Lower
197-30	0.846	0.486	0.96	41	1961	0.85	6.93E-28	Middle
197-30	1.025	-0.069	0.75	45	1961	10.49	2.01E-14	Upper
198-01	1.443	-1.150	0.60	24	1981	32.09	8.42E-06	Middle
198-01	1.732	-1.530	0.81	31	1981	20.30	4.59E-12	Upper
198-04	1.899	-1.000	0.73	106	1991	118.23	1.03E-31	Lower
198-04	1.861	-1.391	0.79	108	1991	81.94	3.24E-38	Middle
198-04	1.678	-1.546	0.80	111	1991	68.35	1.79E-39	Upper
202-01	1.597	0.062	0.72	84	1992	57.28	2.54E-24	Lower
202-01	1.992	-0.943	0.78	83	1974	63.94	9.20E-29	Middle
202-01	1.750	-1.343	0.74	90	1992	69.46	1.05E-27	Upper
202-02	2.256	-1.224	0.65	48	1995	78.39	6.15E-12	Lower
202-02	2.137	-1.315	0.63	50	1995	78.89	4.73E-12	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
202-02	1.895	-1.503	0.64	53	1995	63.89	9.35E-13	Upper
202-03	1.651	-1.188	0.98	98	1979	5.89	1.67E-87	Lower
202-03	1.562	-1.295	0.98	99	1979	5.53	6.68E-88	Middle
202-03	1.412	-1.454	0.96	109	1979	10.38	6.33E-79	Upper
203-02	1.351	-1.796	0.54	15	1987	16.39	1.75E-03	Upper
203-03	1.390	0.911	0.82	10	1980	1.73	3.29E-04	Lower
203-03	2.228	-0.310	0.87	11	1980	3.49	2.51E-05	Middle
203-03	1.211	-1.913	0.53	15	1980	14.32	2.25E-03	Upper
205-01	0.860	0.075	0.92	142	1982	12.29	1.92E-78	Lower
205-01	1.229	-0.729	0.84	139	1958	56.07	5.61E-56	Middle
205-01	1.434	-1.408	0.95	154	1958	20.11	1.06E-102	Upper
205-03	0.922	0.311	0.99	10	1988	0.11	8.57E-09	Lower
205-03	0.840	0.260	0.88	10	1988	0.74	6.01E-05	Middle
205-03	0.697	0.047	0.75	15	1988	2.19	2.93E-05	Upper
207-03	1.234	-0.430	0.65	79	1956	66.36	1.93E-19	Lower
207-03	1.463	-1.745	0.69	77	1956	74.99	1.44E-20	Middle
207-03	1.374	-1.791	0.71	86	1956	68.90	3.25E-24	Upper
207-04	0.863	0.605	0.95	51	1956	1.30	9.84E-34	Lower
207-04	0.900	0.368	0.92	50	1956	2.54	2.34E-27	Middle
207-04	1.492	-0.519	0.80	55	1956	20.86	6.60E-20	Upper
207-05	0.974	0.064	0.97	22	1982	0.44	2.09E-17	Lower
207-05	1.095	-0.203	0.88	24	1982	3.61	1.56E-11	Middle
207-05	1.630	-1.225	0.96	28	1982	2.68	2.78E-19	Upper
207-06	1.035	0.133	0.98	7	1985	0.14	1.51E-05	Lower
207-06	0.982	0.072	0.98	5	1985	0.07	1.05E-03	Middle
207-06	1.660	-1.190	0.97	13	1985	1.13	2.00E-09	Upper
208-02	0.836	0.180	0.94	138	1980	5.77	1.27E-86	Lower
208-02	1.215	-0.606	0.84	140	1980	38.66	2.17E-57	Middle
208-02	1.483	-1.379	0.97	144	1980	10.31	4.01E-108	Upper
209-01	1.988	-0.810	0.98	45	1990	2.42	1.26E-39	Lower
209-01	1.880	-0.944	0.98	45	1990	2.86	4.49E-37	Middle
209-01	1.678	-1.162	0.96	50	1990	4.71	7.25E-35	Upper
209-02	1.796	-0.788	0.95	47	1979	9.82	2.12E-30	Lower
209-02	1.793	-1.036	0.99	50	1986	2.27	3.25E-47	Middle
209-02	1.596	-1.250	0.98	55	1979	2.89	1.56E-47	Upper
209-03	1.003	0.491	0.92	80	1986	5.91	3.22E-45	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
209-03	0.996	0.087	0.98	81	1986	1.36	7.20E-70	Middle
209-03	1.767	-0.874	0.93	87	1986	18.79	7.43E-50	Upper
210-03	2.136	-1.374	0.73	63	1994	71.57	8.79E-19	Lower
210-03	2.021	-1.455	0.72	66	1994	69.36	3.77E-19	Middle
210-03	1.845	-1.586	0.72	69	1994	59.20	2.67E-20	Upper
210-04	1.795	-0.502	0.90	70	1990	21.04	1.45E-35	Lower
210-04	1.904	-0.892	0.98	72	1990	5.52	3.73E-58	Middle
210-04	1.703	-1.103	0.96	76	1990	8.30	7.04E-52	Upper
211-01	1.040	0.221	0.97	65	1979	2.38	2.55E-51	Lower
211-01	1.564	-0.648	0.88	66	1979	28.05	1.01E-30	Middle
211-01	1.708	-1.130	0.98	70	1979	3.96	4.80E-63	Upper
211-04	0.996	-0.027	0.73	91	1983	31.13	2.30E-27	Lower
211-04	0.940	-0.196	0.76	88	1983	23.63	4.13E-28	Middle
211-04	1.630	-1.324	0.91	109	1981	26.18	5.42E-57	Upper
211-05	1.802	-1.566	0.83	8	1978	5.50	1.72E-03	Middle
211-05	1.652	-1.518	0.86	12	1978	5.70	1.46E-05	Upper
211-30	0.865	0.681	0.93	98	1978	3.98	1.18E-58	Lower
211-30	1.040	0.347	0.94	95	1985	5.45	4.87E-57	Middle
211-30	1.428	-0.714	0.55	104	1978	136.25	3.14E-19	Upper
211-31	2.193	-1.290	0.65	60	1995	95.54	9.42E-15	Lower
211-31	2.112	-1.346	0.65	58	1995	81.75	1.92E-14	Middle
211-31	1.808	-1.576	0.63	65	1995	74.83	2.48E-15	Upper
212-01	1.600	-1.238	0.98	86	1979	6.30	6.81E-72	Lower
212-01	1.490	-1.351	0.96	86	1979	9.42	2.79E-62	Middle
212-01	1.339	-1.506	0.94	101	1960	14.03	3.57E-62	Upper
213-01	0.886	0.298	0.79	55	1957	11.50	2.08E-19	Lower
213-01	1.781	-0.895	0.94	57	1987	10.94	3.67E-36	Middle
213-01	1.661	-1.395	0.82	64	1957	35.48	5.34E-25	Upper
213-02	0.964	-0.195	0.87	42	1976	8.25	4.43E-19	Lower
213-02	1.605	-1.217	0.98	43	1976	3.23	1.86E-35	Middle
213-02	1.428	-1.410	0.97	50	1976	4.26	1.06E-37	Upper
213-03	0.977	0.364	0.99	107	1989	0.79	1.55E-106	Lower
213-03	0.852	0.250	0.93	111	1989	4.50	2.33E-65	Middle
213-03	0.682	0.073	0.69	113	1989	17.76	4.79E-30	Upper
213-05	0.955	0.030	0.97	25	1982	0.58	2.65E-19	Lower
213-05	0.875	-0.052	0.91	27	1982	1.89	1.13E-14	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
213-05	1.274	-0.945	0.83	31	1982	8.49	7.57E-13	Upper
213-07	0.620	0.843	0.80	52	1986	4.74	7.78E-19	Lower
213-07	0.794	0.439	0.79	53	1986	8.16	5.18E-19	Middle
213-07	1.009	-0.230	0.52	57	1986	49.33	2.89E-10	Upper
214-01	2.017	-0.816	1.00	30	1992	0.37	1.53E-36	Lower
214-01	1.917	-0.925	1.00	31	1992	0.42	3.80E-36	Middle
214-01	1.723	-1.131	0.99	36	1992	1.27	6.03E-34	Upper
216-02	0.816	0.255	0.93	60	1987	2.63	5.10E-36	Lower
216-02	0.744	0.096	0.89	61	1987	3.64	7.87E-30	Middle
216-02	1.071	-0.684	0.75	72	1987	24.67	7.45E-23	Upper
216-03	0.923	0.022	0.64	21	1976	10.86	1.41E-05	Lower
216-03	1.212	-0.488	0.82	20	1976	7.43	4.60E-08	Middle
216-03	1.600	-1.335	0.83	32	1947	15.41	3.06E-13	Upper
218-01	0.833	0.262	0.94	62	1979	2.42	2.70E-39	Lower
218-01	0.786	0.013	0.88	62	1979	4.80	1.01E-29	Middle
218-01	0.783	-0.410	0.72	68	1979	14.96	4.23E-20	Upper
218-30	0.840	0.225	0.96	24	1982	0.77	5.69E-17	Lower
218-30	0.868	-0.039	0.95	28	1982	1.18	3.12E-18	Middle
218-30	1.510	-1.341	0.96	30	1982	3.33	1.51E-20	Upper
219-05	1.781	-0.523	0.84	9	1985	6.18	4.93E-04	Lower
219-05	1.952	-0.882	0.98	11	1985	1.07	8.18E-09	Middle
219-05	1.699	-1.163	0.98	15	1985	1.07	2.45E-12	Upper
220-02	1.748	-1.073	0.71	33	1995	37.73	6.58E-10	Lower
220-02	1.720	-1.326	0.78	34	1995	26.70	4.61E-12	Middle
220-02	1.558	-1.574	0.75	42	1976	30.22	1.03E-13	Upper
220-03	1.989	-1.488	0.62	30	1995	49.53	2.71E-07	Lower
220-03	1.826	-1.613	0.59	31	1995	49.10	4.70E-07	Middle
220-03	1.727	-1.687	0.62	35	1995	42.25	1.96E-08	Upper
221-30	1.127	-0.454	0.83	11	1980	3.19	9.53E-05	Lower
221-30	1.645	-1.233	0.99	6	1980	0.29	7.31E-05	Middle
221-30	1.476	-1.390	0.96	17	1980	1.73	1.39E-11	Upper
222-02	0.889	-0.043	0.98	22	1971	0.37	2.41E-19	Lower
222-02	0.966	-0.352	0.87	22	1971	3.61	3.40E-10	Middle
222-02	1.381	-1.491	0.95	27	1971	3.27	6.00E-18	Upper
222-03	1.075	-0.078	0.75	146	1955	84.95	7.41E-45	Lower
222-03	1.600	-1.102	0.94	142	1955	34.05	3.93E-88	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
222-03	1.428	-1.292	0.93	156	1955	34.15	4.18E-92	Upper
222-04	1.558	0.202	0.72	140	1977	89.07	1.88E-39	Lower
222-04	2.036	-1.037	0.76	140	1986	122.13	6.91E-45	Middle
222-04	1.732	-1.432	0.73	146	1977	106.47	2.48E-43	Upper
223-02	1.622	-1.247	0.99	123	1959	3.32	1.22E-127	Lower
223-02	1.537	-1.339	0.99	126	1959	5.13	1.76E-116	Middle
223-02	1.398	-1.490	0.96	128	1959	13.47	2.14E-88	Upper
223-03	0.867	0.478	0.86	32	1981	3.60	1.79E-14	Lower
223-03	1.654	-0.598	0.85	33	1981	16.70	3.26E-14	Middle
223-03	1.654	-1.158	0.84	37	1981	18.89	2.75E-15	Upper
223-30	1.198	0.667	0.94	87	1986	5.74	5.01E-55	Lower
223-30	2.204	-0.418	0.95	88	1986	16.97	2.97E-58	Middle
223-30	2.057	-0.772	0.99	92	1991	3.07	8.00E-92	Upper
224-02	1.421	-1.096	0.66	8	1981	9.17	1.46E-02	Middle
224-02	1.466	-1.797	0.68	12	1981	11.66	9.39E-04	Upper
225-01	1.626	-1.285	0.64	72	1990	97.23	5.66E-17	Lower
225-01	1.531	-1.609	0.66	72	1990	75.63	3.73E-18	Middle
225-01	1.481	-1.645	0.69	82	1990	72.58	2.77E-22	Upper
226-01	0.966	0.185	0.69	97	1979	37.69	8.00E-26	Lower
226-01	0.943	-0.176	0.58	96	1983	56.78	3.25E-19	Middle
226-01	1.598	-1.372	0.68	107	1979	115.64	6.82E-28	Upper
226-02	1.389	0.167	0.79	21	1985	8.28	7.28E-08	Lower
226-02	2.047	-0.884	0.80	24	1985	18.37	3.64E-09	Middle
226-02	1.737	-1.396	0.66	26	1985	31.19	4.88E-07	Upper
227-01	1.611	-1.264	1.00	37	1974	0.72	5.20E-42	Lower
227-01	1.515	-1.368	0.99	36	1974	1.23	9.20E-36	Middle
227-01	1.342	-1.554	0.98	41	1974	1.88	2.42E-36	Upper
227-02	1.754	-1.112	0.99	31	1974	0.99	1.76E-31	Lower
227-02	1.672	-1.202	0.99	33	1974	1.18	2.03E-32	Middle
227-02	1.505	-1.381	0.97	35	1974	2.54	1.15E-27	Upper
227-04	1.710	-1.156	0.90	156	1984	63.61	8.17E-79	Lower
227-04	1.602	-1.279	0.88	157	1950	66.15	1.10E-73	Middle
227-04	1.427	-1.451	0.87	175	1988	61.67	5.96E-79	Upper
228-07	1.955	-0.936	0.92	25	1982	8.11	3.07E-14	Lower
228-07	1.687	-1.274	0.84	24	1982	11.99	3.39E-10	Middle
228-07	1.602	-1.330	0.87	32	1982	12.04	5.10E-15	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
229-01	0.783	0.594	0.80	57	1980	6.79	1.36E-20	Lower
229-01	1.991	-0.416	0.84	56	1980	31.33	3.01E-23	Middle
229-01	1.866	-1.142	0.75	63	1980	55.95	5.37E-20	Upper
229-03	1.845	-0.985	0.97	53	1985	5.72	3.92E-42	Lower
229-03	1.698	-1.133	0.96	55	1985	8.34	6.05E-38	Middle
229-03	1.530	-1.319	0.96	58	1985	7.02	3.13E-40	Upper
229-04	1.809	-1.461	0.57	104	1994	138.61	1.76E-20	Middle
229-04	1.588	-1.721	0.52	107	1994	136.28	1.81E-18	Upper
230-01	1.612	-1.152	0.67	129	1979	147.74	3.51E-32	Middle
230-01	1.716	-1.476	0.83	141	1979	79.20	1.69E-54	Upper
230-02	0.771	0.748	0.88	12	1983	0.62	7.59E-06	Lower
230-02	0.591	0.422	0.66	12	1983	1.36	1.32E-03	Middle
230-02	0.687	-0.018	0.73	16	1983	1.77	2.80E-05	Upper
230-03	1.242	-0.050	0.75	81	1990	39.00	1.96E-25	Lower
230-03	1.873	-1.191	0.83	84	1990	53.71	1.22E-33	Middle
230-03	1.647	-1.397	0.83	88	1990	43.70	4.32E-35	Upper
230-04	1.498	-1.381	1.00	76	1960	1.07	6.52E-90	Lower
230-04	1.381	-1.509	1.00	73	1960	0.49	1.27E-95	Middle
230-04	1.230	-1.673	0.99	81	1960	2.03	3.73E-79	Upper
230-05	1.783	-1.333	0.79	73	1965	65.69	1.68E-25	Lower
230-05	1.683	-1.455	0.79	70	1965	56.01	1.71E-24	Middle
230-05	1.498	-1.619	0.78	81	1993	52.26	1.14E-27	Upper
231-01	1.689	-1.102	0.97	85	1975	8.84	6.09E-68	Lower
231-01	1.597	-1.268	0.98	85	1975	6.67	6.57E-71	Middle
231-01	1.482	-1.391	0.96	91	1975	11.93	3.35E-63	Upper
231-02	1.020	0.488	0.99	51	1988	0.32	6.14E-55	Lower
231-02	0.994	0.283	0.98	54	1988	0.99	9.49E-46	Middle
231-02	1.293	-0.432	0.79	56	1988	22.48	7.19E-20	Upper
233-01	1.208	0.251	0.60	90	1991	54.09	4.93E-19	Lower
233-01	2.269	-0.547	0.98	87	1991	5.04	1.88E-75	Middle
233-01	2.059	-0.774	0.98	94	1991	4.88	8.12E-81	Upper
235-01	0.964	0.159	0.65	75	1995	29.96	3.03E-18	Lower
235-01	1.725	-1.538	0.71	83	1995	79.78	2.25E-23	Upper
236-01	1.501	-0.957	0.61	36	1977	54.34	2.14E-08	Middle
236-01	1.799	-1.449	0.85	45	1977	27.09	3.60E-19	Upper
236-02	0.960	0.441	0.99	20	1991	0.18	3.23E-18	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
236-02	1.197	-0.095	0.86	23	1991	3.79	1.45E-10	Middle
236-02	1.718	-1.070	0.96	26	1991	2.29	6.08E-18	Upper
237-02	0.910	0.287	0.96	76	1988	2.18	6.09E-54	Lower
237-02	0.885	0.054	0.86	77	1988	8.44	5.03E-34	Middle
237-02	1.594	-1.222	0.95	82	1988	8.67	6.63E-55	Upper
238-03	0.785	0.606	0.87	140	1983	9.66	1.64E-63	Lower
238-03	1.636	-0.200	0.72	138	1983	110.55	3.55E-39	Middle
238-03	1.938	-0.833	0.93	145	1983	32.91	1.80E-83	Upper
239-01	0.834	0.296	0.92	99	1989	5.30	1.26E-54	Lower
239-01	0.737	0.162	0.85	104	1989	8.62	8.19E-44	Middle
239-01	1.148	-0.597	0.69	105	1989	53.98	9.67E-28	Upper
241-01	1.748	-1.114	1.00	7	1980	0.03	1.95E-08	Lower
241-01	1.608	-1.265	1.00	7	1980	0.08	2.12E-07	Middle
241-01	1.513	-1.372	0.98	12	1980	0.50	3.13E-10	Upper
241-02	0.795	0.441	0.86	158	1983	15.40	1.67E-67	Lower
241-02	1.376	-0.419	0.75	157	1983	91.12	1.44E-48	Middle
241-02	1.504	-1.476	0.73	164	1980	127.85	1.78E-47	Upper
246-01	2.004	-1.396	0.64	105	1993	174.92	1.43E-24	Lower
246-01	2.007	-1.540	0.68	104	1993	140.61	2.85E-27	Middle
246-01	1.766	-1.706	0.67	111	1993	126.10	1.01E-27	Upper
248-02	2.002	-0.789	0.98	6	1965	0.49	1.36E-04	Middle
248-02	1.586	-1.323	0.79	11	1965	7.54	2.36E-04	Upper
249-01	1.615	-1.044	0.70	106	1981	120.68	1.01E-28	Lower
249-01	1.720	-1.410	0.81	100	1995	69.59	2.72E-37	Middle
249-01	1.543	-1.591	0.80	119	1981	67.44	4.60E-43	Upper
252-04	1.615	-1.259	1.00	115	1963	0.82	2.36E-150	Lower
252-04	1.525	-1.350	0.99	110	1963	1.84	3.78E-121	Middle
252-04	1.353	-1.528	0.96	121	1963	10.47	2.19E-85	Upper
253-03	1.678	-1.308	0.85	10	1975	5.82	1.57E-04	Lower
253-03	1.578	-1.748	0.73	12	1975	12.22	3.84E-04	Middle
253-03	1.508	-1.708	0.78	16	1975	11.84	6.68E-06	Upper
254-31	1.837	-1.267	0.70	115	1990	118.21	1.85E-31	Lower
254-31	1.754	-1.458	0.73	117	1990	97.03	3.08E-34	Middle
254-31	1.629	-1.559	0.73	119	1990	85.28	9.76E-35	Upper
255-01	1.043	-0.552	0.51	12	1976	14.72	8.61E-03	Lower
255-01	1.475	-1.158	0.75	8	1976	7.02	5.24E-03	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
255-01	1.610	-1.685	0.87	18	1976	7.87	1.65E-08	Upper
255-02	0.885	0.072	0.93	44	1975	2.90	1.63E-26	Lower
255-02	1.144	-0.453	0.84	43	1975	12.62	8.01E-18	Middle
255-02	1.544	-1.483	0.88	54	1975	19.22	1.34E-25	Upper
255-30	1.507	0.196	0.71	13	1994	9.24	3.10E-04	Lower
255-30	1.976	-1.180	0.81	19	1994	14.98	1.86E-07	Middle
255-30	1.731	-1.416	0.83	22	1956	11.64	4.89E-09	Upper
256-01	0.950	0.406	0.90	72	1988	6.19	2.52E-36	Lower
256-01	1.449	-1.137	0.57	74	1986	103.13	1.06E-14	Middle
256-01	1.440	-1.707	0.66	81	1986	79.44	4.87E-20	Upper
256-02	1.036	0.148	1.00	40	1985	0.23	2.05E-45	Lower
256-02	1.633	-0.570	0.86	38	1985	18.85	1.04E-16	Middle
256-02	1.802	-1.040	0.99	45	1985	1.83	3.97E-43	Upper
256-07	0.623	0.557	0.69	107	1977	16.21	8.51E-29	Lower
256-07	0.918	-0.054	0.60	108	1977	54.95	1.15E-22	Middle
256-07	1.697	-1.408	0.80	114	1979	72.93	8.06E-41	Upper
256-08	1.370	-0.042	0.78	89	1992	43.24	6.32E-30	Lower
256-08	1.895	-0.890	0.97	88	1992	9.56	3.20E-66	Middle
256-08	1.654	-1.127	0.93	94	1992	15.98	4.15E-56	Upper
256-09	2.220	-1.331	0.78	34	1994	31.46	4.29E-12	Lower
256-09	2.157	-1.382	0.80	33	1994	25.46	2.54E-12	Middle
256-09	1.978	-1.521	0.79	39	1994	27.65	5.68E-14	Upper
256-10	1.992	-1.274	0.87	54	1977	30.37	6.17E-25	Lower
256-10	1.880	-1.338	0.88	50	1986	24.21	9.09E-24	Middle
256-10	1.736	-1.517	0.86	62	1986	27.75	1.32E-27	Upper
256-11	2.147	-0.958	0.72	22	1966	24.17	6.62E-07	Lower
256-11	2.265	-1.282	0.78	23	1966	19.64	2.15E-08	Middle
256-11	2.048	-1.353	0.79	27	1966	17.73	5.12E-10	Upper
256-12	1.741	-1.529	0.72	60	1983	67.80	1.05E-17	Middle
256-12	1.574	-1.641	0.74	66	1983	56.88	3.10E-20	Upper
256-31	1.928	-0.911	0.99	19	1992	0.55	9.47E-20	Lower
256-31	1.722	-1.137	0.99	21	1992	0.52	3.02E-21	Middle
256-31	1.532	-1.344	0.99	23	1992	0.31	2.68E-25	Upper
256-32	0.903	-0.009	0.94	32	1982	1.53	2.21E-20	Lower
256-32	0.813	-0.098	0.88	36	1982	3.18	2.40E-17	Middle
256-32	1.041	-0.716	0.71	38	1982	16.09	2.88E-11	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
257-01	2.190	-1.350	0.74	40	1978	41.74	8.01E-13	Lower
257-01	2.018	-1.486	0.73	40	1978	39.48	3.06E-12	Middle
257-01	1.854	-1.596	0.74	45	1978	33.49	2.58E-14	Upper
257-02	1.170	-0.191	0.82	61	1986	22.04	1.60E-23	Lower
257-02	1.719	-1.109	0.98	62	1980	4.26	6.05E-53	Middle
257-02	1.523	-1.335	0.97	71	1980	5.60	1.16E-54	Upper
257-03	1.732	-1.111	0.99	25	1964	1.26	4.21E-24	Lower
257-03	1.634	-1.224	0.99	27	1964	0.94	1.66E-27	Middle
257-03	1.479	-1.371	0.97	32	1986	2.79	1.77E-25	Upper
258-01	0.985	-0.102	0.63	80	1995	44.86	1.31E-18	Lower
258-01	0.907	-0.219	0.61	84	1981	42.81	1.21E-18	Middle
258-01	1.400	-1.281	0.75	90	1981	56.82	7.10E-28	Upper
258-02	1.735	-1.128	1.00	5	1971	0.00	2.15E-06	Lower
258-02	1.609	-1.271	0.98	5	1971	0.40	1.16E-03	Middle
258-02	1.545	-1.166	0.94	13	1971	1.63	4.48E-08	Upper
258-31	1.844	-1.307	0.75	41	1971	44.13	2.46E-13	Lower
258-31	1.689	-1.370	0.76	40	1995	35.95	2.93E-13	Middle
258-31	1.581	-1.525	0.72	51	1971	45.47	3.81E-15	Upper
260-09	1.819	-1.159	0.82	128	1995	88.66	6.76E-49	Lower
260-09	1.752	-1.346	0.82	127	1995	84.51	9.91E-48	Middle
260-09	1.605	-1.471	0.81	136	1982	77.49	4.37E-50	Upper
260-10	1.944	-1.565	0.74	85	1994	78.79	3.19E-26	Lower
260-10	1.781	-1.685	0.74	82	1994	63.07	1.93E-25	Middle
260-10	1.627	-1.797	0.75	90	1994	57.32	5.38E-28	Upper
260-11	2.239	-1.338	0.80	72	1994	60.19	2.31E-26	Lower
260-11	2.066	-1.471	0.80	75	1994	53.41	1.85E-27	Middle
260-11	1.864	-1.619	0.80	77	1994	44.72	4.62E-28	Upper
261-06	2.153	-1.371	0.68	28	1993	40.83	8.35E-08	Lower
261-06	2.128	-1.385	0.69	26	1993	33.62	1.75E-07	Middle
261-06	1.974	-1.476	0.66	34	1993	43.72	5.97E-09	Upper
262-01	2.204	-1.148	0.76	48	1994	49.20	5.99E-16	Lower
262-01	2.224	-1.307	0.82	50	1994	37.21	2.40E-19	Middle
262-01	2.035	-1.479	0.79	54	1994	38.44	1.83E-19	Upper
263-07	1.535	-1.354	0.80	102	1968	83.19	2.55E-36	Lower
263-07	1.521	-1.735	0.88	103	1968	43.35	2.23E-48	Middle
263-07	1.377	-1.848	0.88	108	1968	36.65	2.76E-51	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
264-01	1.464	-1.063	0.72	72	1960	81.82	7.26E-21	Lower
264-01	1.665	-1.521	0.88	69	1960	34.89	7.49E-33	Middle
264-01	1.554	-1.627	0.87	80	1960	38.64	3.08E-36	Upper
264-02	0.907	-0.016	0.98	57	1960	1.23	9.48E-47	Lower
264-02	1.177	-0.723	0.87	58	1960	12.14	1.26E-26	Middle
264-02	1.396	-1.481	0.93	63	1960	10.12	4.78E-37	Upper
264-03	0.889	0.287	0.94	53	1986	2.46	5.26E-32	Lower
264-03	0.928	0.038	0.90	50	1986	4.01	1.18E-25	Middle
264-03	1.189	-0.587	0.75	59	1986	23.06	6.93E-19	Upper
264-04	1.047	0.130	0.99	59	1981	0.48	5.22E-66	Lower
264-04	1.545	-0.684	0.86	56	1976	27.68	5.04E-25	Middle
264-04	1.697	-1.163	0.98	64	1981	4.13	6.56E-57	Upper
266-01	0.418	0.805	0.57	104	1978	12.64	2.04E-20	Lower
266-01	0.917	0.274	0.73	103	1978	28.66	8.13E-31	Middle
266-01	1.494	-0.638	0.73	115	1978	90.18	1.80E-33	Upper
269-01	1.946	-0.886	0.99	62	1990	2.38	6.90E-62	Lower
269-01	1.787	-1.055	0.98	63	1990	3.53	3.14E-55	Middle
269-01	1.562	-1.301	0.98	66	1990	3.64	7.71E-55	Upper
269-09	1.466	-0.103	0.72	145	1957	114.25	2.11E-41	Lower
269-09	1.808	-1.054	0.83	145	1957	91.02	7.76E-57	Middle
269-09	1.534	-1.481	0.74	150	1957	118.08	5.56E-45	Upper
269-10	1.280	-1.067	0.52	75	1963	95.76	2.62E-13	Lower
269-10	1.159	-2.030	0.59	79	1963	64.39	9.82E-17	Middle
269-10	1.047	-2.132	0.58	80	1963	55.58	2.00E-16	Upper
270-03	2.021	-0.794	0.98	30	1992	1.75	7.17E-27	Lower
270-03	1.963	-0.857	0.98	28	1992	1.86	3.56E-24	Middle
270-03	1.735	-1.101	0.97	34	1992	3.30	6.00E-25	Upper
270-04	1.594	-1.676	0.90	38	1958	15.62	9.13E-20	Lower
270-04	1.505	-1.726	0.91	38	1958	12.45	1.23E-20	Middle
270-04	1.358	-1.888	0.89	44	1958	14.35	4.95E-22	Upper
271-01	2.410	-1.137	0.77	128	1975	133.97	1.54E-41	Lower
271-01	2.301	-1.228	0.77	126	1975	114.49	8.98E-42	Middle
271-01	2.024	-1.438	0.76	133	1975	101.29	2.00E-42	Upper
271-02	1.411	-1.160	0.64	79	1983	107.53	1.13E-18	Lower
271-02	1.563	-1.646	0.78	82	1966	67.21	3.43E-28	Middle
271-02	1.434	-1.773	0.78	88	1966	59.90	3.74E-30	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
271-03	1.230	-0.836	0.62	135	1965	174.46	1.74E-29	Lower
271-03	1.639	-1.622	0.90	138	1965	58.21	3.13E-69	Middle
271-03	1.531	-1.713	0.88	141	1965	60.12	2.21E-66	Upper
273-03	1.328	-0.600	0.58	125	1981	144.42	9.17E-25	Middle
273-03	1.823	-1.320	0.85	135	1981	70.12	4.37E-56	Upper
274-01	0.659	0.894	0.79	147	1986	10.21	1.41E-50	Lower
274-01	1.888	0.179	0.67	144	1986	147.84	5.93E-36	Middle
274-01	2.042	-0.696	0.78	152	1986	108.86	8.24E-51	Upper
274-03	1.592	-1.519	0.71	139	1952	159.65	2.90E-38	Lower
274-03	1.530	-1.639	0.73	140	1952	133.07	5.67E-41	Middle
274-03	1.433	-1.743	0.73	144	1952	116.07	9.77E-43	Upper
275-01	0.765	0.548	0.91	133	1991	5.36	2.26E-71	Lower
275-01	0.681	0.327	0.82	134	1991	9.31	1.21E-51	Middle
275-01	0.881	-0.264	0.53	139	1991	68.12	2.24E-24	Upper
275-03	0.775	0.309	0.92	114	1991	6.76	3.96E-63	Lower
275-03	1.288	-0.595	0.82	116	1962	46.56	1.34E-44	Middle
275-03	1.444	-1.221	0.91	125	1962	28.69	1.05E-65	Upper
276-01	0.782	0.411	0.82	65	1984	7.58	5.47E-25	Lower
276-01	1.564	-0.499	0.75	66	1984	43.80	4.05E-21	Middle
276-01	1.535	-1.318	0.75	69	1984	45.81	4.73E-22	Upper
276-02	0.797	0.466	0.88	44	1980	3.30	2.93E-21	Lower
276-02	1.535	-0.366	0.73	43	1980	32.00	2.26E-13	Middle
276-02	1.729	-1.013	0.92	49	1980	12.46	7.63E-27	Upper
276-03	1.697	-1.256	0.79	103	1957	87.75	7.19E-36	Lower
276-03	1.638	-1.416	0.81	99	1993	67.38	4.24E-37	Middle
276-03	1.484	-1.580	0.80	114	1957	68.59	1.70E-40	Upper
276-04	0.943	0.055	0.98	95	1967	1.74	1.77E-81	Lower
276-04	1.650	-1.214	0.99	93	1967	2.26	3.47E-97	Middle
276-04	1.497	-1.381	0.96	101	1967	9.88	8.03E-71	Upper
276-05	1.302	-1.040	0.52	102	1978	183.88	8.12E-18	Middle
276-05	1.683	-1.574	0.78	110	1970	102.80	5.87E-37	Upper
278-04	1.060	-0.187	0.91	27	1960	3.55	7.27E-15	Lower
278-04	1.607	-1.260	0.99	29	1960	0.70	3.67E-29	Middle
278-04	1.483	-1.395	0.96	33	1960	3.31	7.25E-24	Upper
278-05	1.762	-0.689	0.88	27	1960	10.18	7.29E-13	Lower
278-05	1.779	-1.073	1.00	28	1960	0.32	9.90E-33	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
278-05	1.689	-1.160	0.99	31	1960	0.85	6.33E-30	Upper
278-06	1.142	-0.830	0.51	89	1953	138.29	5.75E-15	Lower
278-06	1.536	-1.668	0.77	87	1966	77.18	1.78E-28	Middle
278-06	1.391	-1.793	0.76	98	1966	73.93	3.92E-31	Upper
278-07	1.319	-0.553	0.90	63	1959	15.30	3.19E-32	Lower
278-07	1.618	-1.249	0.99	68	1959	1.22	1.83E-76	Middle
278-07	1.477	-1.403	0.97	69	1959	5.14	2.26E-54	Upper
279-01	1.759	-0.026	0.88	19	1973	4.80	2.91E-09	Lower
279-01	2.108	-0.721	1.00	18	1973	0.25	2.22E-20	Middle
279-01	1.776	-1.033	0.98	24	1973	1.06	1.04E-19	Upper
279-02	0.814	0.615	0.84	95	1986	8.29	2.54E-38	Lower
279-02	1.172	0.111	0.66	93	1986	44.19	5.06E-23	Middle
279-02	1.684	-1.146	0.71	100	1986	80.02	2.02E-28	Upper
279-03	1.310	-0.587	0.88	6	1952	2.04	5.52E-03	Lower
279-03	1.509	-1.353	0.99	6	1970	0.17	2.11E-05	Middle
279-03	1.494	-1.319	0.92	17	1952	3.28	1.08E-09	Upper
279-04	1.955	-1.327	0.86	11	1986	7.01	3.55E-05	Lower
279-04	1.874	-1.385	0.86	12	1986	6.99	1.29E-05	Middle
279-04	1.667	-1.623	0.84	16	1986	8.44	6.19E-07	Upper
281-01	1.648	-1.219	0.99	8	1978	0.15	4.02E-08	Lower
281-01	1.514	-1.363	1.00	8	1978	0.11	2.70E-08	Middle
281-01	1.384	-1.503	1.00	14	1978	0.15	7.25E-16	Upper
281-02	1.641	-1.233	0.99	24	1972	0.50	3.43E-26	Lower
281-02	1.532	-1.347	0.99	23	1972	0.63	7.62E-23	Middle
281-02	1.334	-1.555	0.98	30	1972	1.37	2.16E-25	Upper
281-03	1.538	-1.631	0.83	199	1950	135.31	1.29E-77	Lower
281-03	1.489	-1.753	0.87	197	1950	94.06	2.54E-87	Middle
281-03	1.370	-1.856	0.86	207	1950	88.75	1.75E-89	Upper
281-04	1.481	-1.400	1.00	92	1965	1.31	1.36E-110	Lower
281-04	1.342	-1.551	1.00	90	1965	0.85	1.97E-112	Middle
281-04	1.222	-1.679	0.99	98	1965	2.31	2.91E-99	Upper
282-30	1.566	-1.661	0.90	16	1947	6.80	2.13E-08	Lower
282-30	1.515	-1.717	0.84	17	1947	10.10	2.70E-07	Middle
282-30	1.402	-1.789	0.88	22	1947	8.78	1.01E-10	Upper
283-30	1.759	-1.100	1.00	5	1987	0.01	6.12E-06	Lower
283-30	1.580	-1.285	0.98	5	1987	0.24	1.37E-03	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
283-30	1.464	-1.405	0.97	9	1987	0.62	9.75E-07	Upper
284-02	1.750	-1.140	0.50	18	1981	24.62	9.64E-04	Middle
284-02	1.750	-1.294	0.74	23	1981	17.55	1.20E-07	Upper
284-30	1.002	0.104	0.99	50	1982	0.42	3.70E-52	Lower
284-30	1.532	-0.571	0.80	49	1982	29.73	5.01E-18	Middle
284-30	1.819	-1.030	0.99	55	1982	2.49	6.66E-52	Upper
286-01	1.567	-0.169	0.71	43	1962	33.59	1.25E-12	Lower
286-01	1.996	-0.822	0.98	44	1962	2.46	1.66E-38	Middle
286-01	1.778	-1.060	0.98	47	1962	2.23	9.49E-41	Upper
287-05	1.532	-1.347	1.00	45	1966	0.74	1.06E-52	Lower
287-05	1.400	-1.493	0.99	48	1966	1.39	4.01E-48	Middle
287-05	1.224	-1.679	0.99	54	1958	1.14	8.28E-55	Upper
288-02	1.082	-0.638	0.84	113	1956	33.71	4.05E-46	Lower
288-02	1.402	-1.475	0.97	115	1956	9.09	5.22E-89	Middle
288-02	1.283	-1.602	0.95	119	1956	13.49	2.15E-78	Upper
289-02	0.693	0.307	0.84	139	1962	17.46	5.27E-57	Lower
289-02	1.497	-1.100	0.90	138	1962	46.96	5.52E-71	Middle
289-02	1.381	-1.316	0.90	147	1962	41.79	3.75E-75	Upper
290-01	1.473	-0.268	0.64	86	1957	76.37	1.95E-20	Lower
290-01	1.826	-0.959	0.94	86	1957	15.21	8.24E-52	Middle
290-01	1.621	-1.181	0.94	94	1957	13.81	4.67E-58	Upper
290-02	1.613	-1.335	0.67	56	1986	57.12	1.72E-14	Lower
290-02	1.543	-1.643	0.74	57	1986	36.43	7.92E-18	Middle
290-02	1.469	-1.688	0.75	61	1986	34.50	1.66E-19	Upper
291-01	2.333	-1.163	0.69	27	1995	31.77	7.65E-08	Lower
291-01	2.144	-1.307	0.70	24	1995	20.09	3.13E-07	Middle
291-01	1.898	-1.517	0.69	32	1995	26.24	4.41E-09	Upper
291-02	2.215	-1.347	0.80	165	1995	126.60	4.94E-59	Lower
291-02	2.022	-1.476	0.81	161	1994	97.08	3.75E-59	Middle
291-02	1.822	-1.652	0.79	174	1994	92.80	6.37E-61	Upper
294-04	1.293	-1.198	0.64	93	1962	98.80	5.47E-22	Lower
294-04	1.265	-1.880	0.84	91	1962	31.14	1.20E-37	Middle
294-04	1.184	-1.965	0.86	101	1962	29.33	1.28E-43	Upper
294-05	1.449	-1.067	0.93	77	1965	20.25	4.10E-44	Lower
294-05	1.402	-1.486	0.99	77	1965	2.08	5.06E-79	Middle
294-05	1.279	-1.618	0.99	83	1965	1.89	1.13E-84	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
295-01	1.785	-1.071	1.00	21	1986	0.32	3.43E-24	Lower
295-01	1.607	-1.266	1.00	22	1986	0.34	1.23E-24	Middle
295-01	1.438	-1.446	0.99	25	1986	0.40	1.57E-26	Upper
295-02	0.975	-2.168	0.57	75	1951	47.85	5.90E-15	Upper
295-03	2.007	-0.814	0.98	48	1989	3.40	3.75E-42	Lower
295-03	1.934	-0.895	0.98	46	1989	3.19	4.30E-40	Middle
295-03	1.837	-0.996	0.96	52	1989	6.54	1.10E-37	Upper
295-04	0.924	0.380	0.94	22	1983	0.97	8.01E-14	Lower
295-04	2.033	-0.749	0.97	24	1983	2.66	5.07E-18	Middle
295-04	1.799	-1.010	0.96	26	1983	2.84	2.52E-18	Upper
296-02	1.531	-1.245	0.98	93	1957	5.19	2.21E-80	Lower
296-02	1.504	-1.370	0.99	94	1957	2.86	1.50E-91	Middle
296-02	1.402	-1.476	0.96	99	1957	9.51	1.27E-70	Upper
296-03	1.412	-0.890	0.92	90	1974	23.21	2.23E-49	Lower
296-03	1.574	-1.296	0.99	91	1954	2.42	8.68E-97	Middle
296-03	1.441	-1.438	0.97	99	1954	8.95	3.59E-75	Upper
297-02	1.008	0.091	0.99	33	1983	0.41	1.33E-30	Lower
297-02	0.955	0.044	0.99	28	1983	0.35	2.43E-25	Middle
297-02	0.857	-0.042	0.89	38	1983	3.12	9.29E-19	Upper
297-03	1.606	-1.268	1.00	104	1958	1.87	2.79E-119	Lower
297-03	1.527	-1.353	0.99	103	1958	1.86	5.95E-116	Middle
297-03	1.357	-1.536	0.98	109	1958	5.27	2.12E-94	Upper
298-02	0.914	-0.139	0.52	168	1978	133.91	4.07E-28	Lower
298-02	1.285	-1.107	0.53	168	1978	250.82	3.63E-29	Middle
298-02	1.528	-1.637	0.75	174	1978	139.85	2.61E-53	Upper
299-02	1.189	-0.476	0.68	175	1988	155.71	2.65E-44	Lower
299-02	1.634	-1.407	0.87	175	1988	92.30	7.45E-79	Middle
299-02	1.470	-1.590	0.85	185	1988	88.84	4.19E-78	Upper
300-01	1.515	-1.362	0.99	102	1962	3.05	1.26E-101	Lower
300-01	1.414	-1.464	0.97	103	1962	7.32	2.99E-80	Middle
300-01	1.279	-1.610	0.96	108	1962	8.42	3.57E-78	Upper
300-02	1.243	-0.671	0.67	66	1965	65.69	4.10E-17	Lower
300-02	1.575	-1.672	0.87	68	1965	32.29	1.99E-31	Middle
300-02	1.435	-1.808	0.86	72	1965	31.60	7.11E-32	Upper
300-03	1.524	-1.691	0.62	31	1986	37.91	1.28E-07	Lower
300-03	1.526	-1.670	0.67	30	1986	31.51	2.92E-08	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
300-03	1.322	-1.865	0.63	35	1986	31.43	1.33E-08	Upper
300-30	0.933	0.012	0.98	35	1977	0.69	1.32E-29	Lower
300-30	0.846	-0.083	0.97	36	1977	0.84	3.38E-28	Middle
300-30	1.110	-0.792	0.80	40	1977	13.17	5.64E-15	Upper
301-02	1.447	-1.338	0.50	116	1986	182.78	4.72E-19	Middle
301-02	1.598	-1.558	0.65	123	1986	131.53	4.25E-29	Upper
301-03	1.787	-1.401	0.71	93	1986	77.84	2.00E-26	Middle
301-03	1.633	-1.549	0.70	99	1986	71.27	2.06E-27	Upper
302-02	1.992	-0.838	1.00	53	1992	0.87	3.66E-62	Lower
302-02	1.836	-1.008	0.99	51	1992	1.59	4.21E-51	Middle
302-02	1.592	-1.265	0.98	57	1992	3.40	3.06E-46	Upper
303-01	0.977	0.066	0.99	113	1986	1.39	2.26E-108	Lower
303-01	1.562	-0.767	0.91	113	1986	29.61	7.58E-59	Middle
303-01	1.647	-1.188	0.95	118	1986	16.48	6.01E-79	Upper
303-02	2.241	-1.256	0.65	57	1995	90.57	2.82E-14	Lower
303-02	2.183	-1.306	0.66	62	1995	92.05	1.45E-15	Middle
303-02	2.021	-1.449	0.65	62	1995	80.19	2.03E-15	Upper
303-03	1.358	-1.496	0.72	54	1940	58.70	3.46E-16	Middle
303-03	1.446	-1.806	0.86	56	1940	30.50	1.63E-24	Upper
304-01	0.925	0.331	0.87	111	1985	10.29	1.95E-49	Lower
304-01	1.548	-1.652	0.72	117	1985	80.32	3.47E-33	Upper
304-02	0.987	0.075	0.99	118	1984	1.00	2.96E-119	Lower
304-02	0.931	0.027	0.97	118	1984	2.82	7.50E-90	Middle
304-02	0.934	-0.246	0.78	123	1984	26.66	3.90E-42	Upper
305-01	1.018	-0.015	0.60	83	1983	54.19	5.66E-18	Lower
305-01	1.744	-1.414	0.82	84	1958	53.24	1.35E-32	Middle
305-01	1.578	-1.599	0.83	94	1978	48.77	9.78E-37	Upper
305-02	1.546	-0.796	0.89	82	1979	33.98	1.38E-40	Lower
305-02	1.672	-1.180	0.99	84	1979	3.80	1.13E-81	Middle
305-02	1.480	-1.380	0.98	90	1979	7.04	1.69E-72	Upper
305-30	1.416	-1.064	0.93	18	1970	3.92	2.02E-10	Lower
305-30	1.486	-1.389	0.99	21	1970	0.91	5.69E-19	Middle
305-30	1.322	-1.562	0.96	24	1970	2.01	3.10E-17	Upper
306-02	1.471	-1.169	0.87	24	1988	8.02	3.80E-11	Lower
306-02	1.533	-1.333	0.98	25	1988	1.38	1.84E-20	Middle
306-02	1.446	-1.428	0.99	29	1988	0.95	1.11E-26	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
307-01	1.817	-0.507	0.82	33	1966	19.59	5.34E-13	Lower
307-01	1.917	-0.923	1.00	29	1966	0.33	6.33E-34	Middle
307-01	1.759	-1.088	0.99	37	1966	1.02	3.69E-36	Upper
309-03	1.524	-1.352	0.99	58	1958	1.89	8.07E-58	Lower
309-03	1.399	-1.482	0.98	57	1958	2.80	1.42E-50	Middle
309-03	1.233	-1.663	0.98	64	1958	2.83	7.29E-54	Upper
311-01	0.990	-0.136	0.61	117	1956	89.46	3.09E-25	Lower
311-01	1.506	-1.279	0.83	120	1956	69.64	5.42E-47	Middle
311-01	1.284	-1.830	0.76	126	1956	80.91	1.49E-40	Upper
311-02	0.914	0.002	0.97	145	1965	4.26	7.13E-110	Lower
311-02	1.452	-1.162	0.95	149	1965	17.54	6.48E-99	Middle
311-02	1.361	-1.527	0.97	151	1965	8.71	4.09E-118	Upper
313-30	1.569	-1.310	0.99	106	1957	3.00	4.31E-108	Lower
313-30	1.470	-1.418	0.99	108	1957	3.52	6.08E-103	Middle
313-30	1.313	-1.586	0.98	112	1957	5.46	7.08E-93	Upper
314-01	1.523	-1.263	0.97	79	1969	8.13	4.88E-61	Lower
314-01	1.440	-1.436	0.98	74	1958	4.63	2.45E-63	Middle
314-01	1.286	-1.600	0.97	90	1958	6.20	1.12E-69	Upper
316-01	1.523	-1.358	0.99	16	1960	0.39	1.29E-16	Lower
316-01	1.420	-1.468	0.99	18	1960	0.43	1.45E-18	Middle
316-01	1.256	-1.643	0.98	21	1960	0.81	1.71E-18	Upper
316-04	0.656	0.441	0.79	89	1957	10.98	4.47E-31	Lower
316-04	1.614	-0.739	0.84	91	1957	48.44	4.12E-37	Middle
316-04	1.441	-1.560	0.74	95	1957	74.57	5.90E-29	Upper
316-05	1.591	-1.283	0.99	54	1959	1.77	2.02E-53	Lower
316-05	1.483	-1.397	0.99	51	1959	0.92	3.09E-56	Middle
316-05	1.317	-1.574	0.98	60	1959	3.01	3.15E-49	Upper
316-06	0.629	0.414	0.67	130	1959	29.42	1.05E-32	Lower
316-06	1.494	-0.722	0.77	130	1959	98.04	8.92E-43	Middle
316-06	1.463	-1.499	0.73	136	1959	126.58	8.32E-40	Upper
317-02	1.288	0.068	0.52	82	1978	96.81	2.56E-14	Lower
317-02	1.614	-1.588	0.70	81	1978	70.18	4.51E-22	Middle
317-02	1.506	-1.656	0.72	88	1978	64.17	2.98E-25	Upper
317-03	1.455	-1.133	0.71	52	1957	61.28	4.27E-15	Lower
317-03	1.541	-1.718	0.86	53	1957	28.07	3.15E-23	Middle
317-03	1.411	-1.797	0.86	58	1957	26.26	2.11E-25	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
317-04	1.535	-1.345	0.99	71	1954	1.90	2.03E-72	Lower
317-04	1.446	-1.439	0.99	71	1954	2.30	7.70E-68	Middle
317-04	1.318	-1.578	0.98	77	1954	4.13	2.34E-62	Upper
317-05	1.556	-1.319	1.00	42	1956	0.64	6.24E-49	Lower
317-05	1.474	-1.406	0.99	41	1956	0.93	4.58E-43	Middle
317-05	1.335	-1.556	0.97	48	1956	3.15	2.58E-38	Upper
317-06	0.356	0.845	0.54	112	1959	13.87	1.91E-20	Lower
317-06	1.326	-0.931	0.64	118	1959	135.90	1.30E-27	Upper
318-01	1.417	-1.821	0.81	65	1959	33.11	1.26E-24	Lower
318-01	1.303	-1.909	0.82	67	1959	28.35	7.53E-26	Middle
318-01	1.180	-2.025	0.83	70	1959	23.42	7.75E-28	Upper
318-02	1.407	-1.005	0.93	99	1959	17.75	4.64E-58	Lower
318-02	1.498	-1.381	0.99	96	1959	3.28	6.64E-92	Middle
318-02	1.339	-1.551	0.97	105	1959	7.00	2.48E-80	Upper
318-03	1.538	-1.338	0.99	20	1959	0.68	1.15E-19	Lower
318-03	1.405	-1.470	0.97	20	1959	1.88	1.12E-14	Middle
318-03	1.287	-1.598	0.96	26	1959	2.57	3.11E-18	Upper
318-04	1.531	-1.348	0.99	90	1957	2.08	6.72E-96	Lower
318-04	1.413	-1.476	0.99	91	1957	1.70	1.81E-98	Middle
318-04	1.249	-1.651	0.98	99	1960	3.07	3.12E-90	Upper
319-01	1.578	-0.778	0.92	81	1980	21.14	7.88E-46	Lower
319-01	1.693	-1.175	1.00	80	1980	0.83	2.15E-101	Middle
319-01	1.494	-1.384	0.99	87	1980	3.33	4.62E-81	Upper
319-04	1.542	-1.717	0.84	8	1959	4.42	1.45E-03	Lower
319-04	1.612	-1.379	0.85	8	1959	4.83	1.04E-03	Middle
319-04	1.475	-1.729	0.81	13	1959	8.00	2.55E-05	Upper
319-05	0.896	0.057	0.59	76	1977	47.82	5.86E-16	Lower
319-05	1.113	-0.767	0.50	78	1977	106.89	3.65E-13	Middle
319-05	1.653	-1.571	0.84	82	1977	45.78	4.17E-34	Upper
320-01	0.672	0.628	0.73	77	1975	12.03	6.20E-23	Lower
320-01	1.460	-0.333	0.73	72	1975	53.34	2.26E-21	Middle
320-01	1.587	-1.445	0.74	83	1975	68.19	1.31E-25	Upper
320-02	1.495	-1.386	0.99	101	1957	2.04	3.20E-112	Lower
320-02	1.375	-1.515	1.00	98	1957	0.72	2.68E-126	Middle
320-02	1.223	-1.680	0.99	107	1957	2.17	2.61E-109	Upper
321-01	1.225	-0.094	0.81	150	1990	47.67	7.52E-55	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
321-01	1.786	-1.018	0.97	152	1990	11.12	4.22E-121	Middle
321-01	1.561	-1.267	0.97	156	1990	10.78	7.82E-118	Upper
321-02	1.569	-0.761	0.93	44	1982	9.03	1.64E-25	Lower
321-02	1.732	-1.129	1.00	45	1982	0.46	1.61E-54	Middle
321-02	1.616	-1.258	0.99	50	1982	1.97	7.87E-46	Upper
321-03	1.163	-0.151	0.88	23	1982	3.86	2.52E-11	Lower
321-03	1.801	-1.053	1.00	23	1982	0.03	7.62E-37	Middle
321-03	1.670	-1.217	0.97	29	1982	2.15	1.85E-22	Upper
321-04	0.869	0.422	0.85	125	1975	14.65	1.16E-51	Lower
321-04	1.744	-1.471	0.66	126	1975	168.02	1.70E-30	Middle
321-04	1.612	-1.666	0.69	133	1995	130.73	3.07E-35	Upper
322-01	1.765	-0.720	0.94	38	1990	7.35	1.25E-23	Lower
322-01	1.801	-1.039	0.99	41	1990	0.90	2.35E-43	Middle
322-01	1.646	-1.215	0.99	43	1990	1.52	6.80E-40	Upper
323-01	1.718	-1.146	1.00	30	1990	0.13	8.16E-38	Lower
323-01	1.650	-1.219	1.00	29	1990	0.04	4.37E-43	Middle
323-01	1.547	-1.330	1.00	34	1990	0.10	1.67E-46	Upper
324-02	1.292	-0.394	0.53	71	1989	91.81	4.44E-13	Lower
324-02	1.928	-1.169	0.86	65	1989	35.75	1.10E-28	Middle
324-02	1.781	-1.354	0.81	82	1989	49.97	7.67E-31	Upper
325-01	1.278	-0.389	0.80	126	1981	69.84	4.39E-45	Lower
325-01	1.635	-1.196	0.98	131	1979	10.49	3.55E-109	Middle
325-01	1.462	-1.372	0.97	135	1981	12.27	2.70E-102	Upper
326-02	1.031	0.539	0.92	50	1985	2.97	1.50E-28	Lower
326-02	2.099	-0.441	0.91	53	1985	16.44	5.78E-28	Middle
326-02	1.972	-0.858	0.98	53	1985	2.32	2.19E-47	Upper
328-02	0.894	0.516	0.91	95	1985	6.12	4.04E-51	Lower
328-02	1.030	0.199	0.93	93	1985	6.18	1.06E-54	Middle
328-02	1.579	-0.676	0.82	100	1985	45.71	2.04E-38	Upper
328-30	1.582	-1.293	0.99	48	1960	1.85	1.50E-46	Lower
328-30	1.490	-1.393	0.99	47	1960	1.81	1.61E-44	Middle
328-30	1.315	-1.584	0.96	54	1960	4.66	3.98E-39	Upper
329-03	1.564	-0.993	0.52	91	1990	113.68	5.79E-16	Lower
329-03	1.114	-1.896	0.56	97	1990	57.94	1.37E-18	Upper
331-01	0.348	0.873	0.53	66	1968	8.06	5.47E-12	Lower
331-01	0.968	-0.017	0.52	63	1968	61.05	2.77E-11	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
331-01	1.382	-0.871	0.71	76	1968	65.75	2.12E-21	Upper
332-01	1.594	-1.636	0.87	94	1954	54.49	2.36E-42	Lower
332-01	1.530	-1.735	0.88	93	1954	45.59	2.47E-43	Middle
332-01	1.387	-1.876	0.87	100	1954	41.48	8.37E-46	Upper
332-02	1.555	-1.322	0.99	85	1959	2.22	1.22E-89	Lower
332-02	1.451	-1.433	0.99	82	1959	1.94	1.08E-85	Middle
332-02	1.284	-1.613	0.98	91	1959	4.56	5.73E-76	Upper
333-01	0.928	0.014	0.96	72	1983	2.41	3.14E-52	Lower
333-01	1.194	-0.528	0.82	75	1983	23.53	5.36E-29	Middle
333-01	1.525	-1.335	0.97	78	1983	6.53	1.80E-57	Upper
333-02	0.944	0.067	0.97	44	1979	1.30	9.38E-35	Lower
333-02	0.966	-0.219	0.85	43	1979	9.08	1.95E-18	Middle
333-02	1.527	-1.335	0.97	50	1979	4.81	5.49E-37	Upper
333-03	1.305	-1.172	0.51	113	1979	194.15	1.12E-18	Middle
333-03	1.563	-1.647	0.74	117	1979	106.47	4.47E-35	Upper
334-01	1.290	-1.854	0.63	84	1986	50.71	1.85E-19	Middle
334-01	1.279	-1.863	0.64	92	1986	53.58	7.63E-22	Upper
335-02	1.504	-1.216	0.96	98	1965	12.81	1.64E-68	Lower
335-02	1.411	-1.468	0.99	100	1965	4.11	1.81E-91	Middle
335-02	1.256	-1.636	0.98	104	1965	4.88	1.24E-86	Upper
337-03	0.927	0.180	0.96	38	1982	1.48	8.00E-27	Lower
337-03	0.870	-0.038	0.95	37	1982	1.70	1.10E-23	Middle
337-03	1.053	-0.664	0.75	44	1982	17.38	3.62E-14	Upper
337-04	1.504	-1.373	1.00	7	1955	0.06	9.13E-08	Lower
337-04	1.411	-1.471	0.99	7	1955	0.23	3.86E-06	Middle
337-04	1.264	-1.625	0.94	12	1955	1.74	2.09E-07	Upper
338-01	0.866	0.271	0.78	118	1977	27.74	9.04E-40	Lower
338-01	0.950	-0.161	0.66	116	1977	60.73	3.34E-28	Middle
338-01	1.413	-1.255	0.81	126	1977	64.67	3.54E-46	Upper
339-03	1.552	-1.324	1.00	87	1960	1.10	7.70E-104	Lower
339-03	1.444	-1.437	0.99	87	1960	2.06	2.47E-90	Middle
339-03	1.292	-1.599	0.98	93	1960	3.55	5.12E-82	Upper
340-01	1.357	-0.003	0.63	42	1984	33.73	4.16E-10	Lower
340-01	2.005	-0.808	0.98	43	1984	3.09	1.74E-35	Middle
340-01	1.767	-1.061	0.97	47	1984	3.19	3.24E-37	Upper
340-02	1.156	-0.248	0.82	88	1978	35.43	2.55E-33	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
340-02	1.670	-1.147	0.98	86	1970	7.33	3.39E-71	Middle
340-02	1.489	-1.324	0.96	102	1978	13.30	1.18E-69	Upper
341-01	1.568	-1.306	1.00	92	1965	1.26	2.99E-110	Lower
341-01	1.443	-1.439	0.99	88	1965	1.98	3.05E-93	Middle
341-01	1.280	-1.615	0.98	100	1968	3.94	1.76E-88	Upper
341-02	1.623	-1.273	0.95	96	1968	18.57	1.62E-61	Lower
341-02	1.521	-1.388	0.92	101	1962	26.16	1.77E-55	Middle
341-02	1.326	-1.587	0.90	108	1962	25.86	8.19E-55	Upper
344-02	1.009	0.374	0.90	22	1986	1.84	1.40E-11	Lower
344-02	2.245	-0.562	0.99	20	1986	0.79	4.55E-19	Middle
344-02	1.741	-1.026	0.94	28	1986	5.11	4.66E-17	Upper
344-03	1.829	-0.883	0.97	64	1989	5.58	2.81E-51	Lower
344-03	1.785	-1.050	0.99	63	1989	1.65	5.28E-66	Middle
344-03	1.559	-1.279	0.96	74	1989	6.60	2.76E-53	Upper
345-02	6.437	-9.177	0.74	26	1966	0.22	1.49E-08	Middle
345-03	1.367	-1.101	0.90	86	1950	25.27	1.42E-44	Lower
345-03	1.378	-1.446	0.96	85	1956	9.63	4.04E-61	Middle
345-03	1.244	-1.527	0.93	95	1956	16.94	4.11E-54	Upper
345-04	0.734	0.309	0.88	96	1981	9.02	1.76E-45	Lower
345-04	1.242	-0.671	0.80	97	1964	48.11	3.27E-35	Middle
345-04	1.362	-1.361	0.85	106	1981	42.32	2.10E-45	Upper
345-05	1.611	-1.268	1.00	19	1964	0.27	2.91E-21	Lower
345-05	1.524	-1.363	0.99	20	1964	0.49	2.51E-20	Middle
345-05	1.370	-1.527	0.97	25	1964	1.46	1.65E-19	Upper
346-01	0.704	0.763	0.82	16	1964	1.41	1.32E-06	Lower
346-01	1.144	-0.042	0.58	13	1964	11.84	2.33E-03	Middle
346-01	1.683	-0.765	0.79	22	1964	14.59	3.49E-08	Upper
346-02	0.764	0.671	0.73	222	1981	38.90	1.01E-64	Lower
346-02	1.755	-1.396	0.74	230	1981	203.11	1.02E-68	Upper
347-01	0.945	0.681	0.98	60	1983	0.88	5.00E-49	Lower
347-01	1.726	0.066	0.73	57	1983	43.84	4.76E-17	Middle
347-01	2.225	-0.574	0.97	63	1983	6.34	1.02E-48	Upper
348-01	1.601	-1.272	0.99	9	1962	0.38	3.11E-08	Lower
348-01	1.510	-1.366	0.97	10	1962	0.84	2.56E-07	Middle
348-01	1.397	-1.489	0.98	15	1962	0.98	5.64E-12	Upper
348-02	0.947	0.755	0.98	38	1981	0.46	1.10E-32	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
348-02	1.922	0.073	0.78	36	1981	26.58	1.36E-12	Middle
348-02	2.297	-0.500	0.98	41	1981	2.93	3.52E-35	Upper
349-01	1.363	-1.709	0.73	38	1965	27.02	1.17E-11	Lower
349-01	1.249	-1.943	0.81	36	1965	14.00	9.49E-14	Middle
349-01	1.206	-1.991	0.81	43	1965	15.80	2.46E-16	Upper
349-02	2.161	-1.313	0.64	50	1995	78.78	2.42E-12	Lower
349-02	2.090	-1.372	0.65	55	1995	79.66	1.39E-13	Middle
349-02	1.889	-1.543	0.65	55	1995	64.99	1.36E-13	Upper
349-03	1.449	-1.286	0.88	43	1965	18.64	9.89E-21	Lower
349-03	1.450	-1.611	0.93	43	1965	11.16	9.79E-25	Middle
349-03	1.328	-1.716	0.90	52	1965	14.97	1.78E-26	Upper
350-01	1.008	-0.260	0.87	55	1973	11.03	1.55E-25	Lower
350-01	1.532	-1.338	0.99	51	1973	1.70	7.84E-51	Middle
350-01	1.393	-1.482	0.97	61	1973	5.49	3.50E-45	Upper
350-02	1.436	-0.721	0.88	71	1981	25.25	6.25E-34	Lower
350-02	1.575	-1.290	0.99	71	1981	2.46	1.30E-69	Middle
350-02	1.394	-1.489	0.99	77	1981	1.61	1.15E-79	Upper
350-03	0.880	0.582	0.94	63	1981	2.64	1.40E-38	Lower
350-03	1.064	0.291	0.96	60	1981	2.31	6.30E-42	Middle
350-03	1.595	-0.540	0.82	68	1985	31.83	4.10E-26	Upper
351-01	0.925	0.029	0.97	121	1983	3.68	9.57E-89	Lower
351-01	0.949	-0.227	0.85	119	1983	19.50	6.82E-50	Middle
351-01	1.507	-1.336	0.95	127	1983	13.99	8.81E-85	Upper
352-01	0.892	0.543	0.76	244	1992	39.27	1.71E-76	Lower
352-01	1.806	-1.278	0.69	242	1994	223.12	5.13E-63	Middle
352-01	1.583	-1.604	0.67	252	1992	198.76	3.46E-62	Upper
354-01	0.798	0.054	0.56	24	1973	15.26	2.59E-05	Lower
354-01	1.449	-1.056	0.81	27	1973	15.50	1.27E-10	Middle
354-01	1.392	-1.660	0.85	32	1973	13.06	5.94E-14	Upper
354-02	0.872	0.175	0.86	160	1975	22.44	2.05E-70	Lower
354-02	1.386	-0.919	0.72	155	1975	134.87	2.60E-44	Middle
354-02	1.552	-1.546	0.88	168	1975	61.73	1.81E-79	Upper
354-30	0.853	-0.069	0.97	40	1975	1.07	9.17E-31	Lower
354-30	0.747	-0.175	0.91	38	1975	2.46	1.67E-20	Middle
354-30	1.292	-1.238	0.86	46	1975	15.40	4.50E-20	Upper
355-02	1.516	-1.010	0.95	147	1965	18.13	1.41E-97	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
355-02	1.567	-1.315	0.99	146	1965	2.43	2.85E-161	Middle
355-02	1.431	-1.464	0.97	153	1965	9.11	8.35E-121	Upper
355-03	1.334	-0.710	0.87	128	1965	41.32	7.95E-58	Lower
355-03	1.563	-1.231	0.98	127	1965	8.42	5.83E-106	Middle
355-03	1.498	-1.487	0.94	137	1965	21.84	3.16E-86	Upper
357-01	1.789	-1.347	0.77	118	1977	102.64	1.22E-38	Middle
357-01	1.594	-1.508	0.77	127	1977	88.34	4.58E-42	Upper
357-02	0.896	0.437	0.90	13	1987	0.84	9.33E-07	Lower
357-02	1.807	-0.689	0.77	17	1987	12.40	3.52E-06	Middle
357-02	1.640	-1.514	0.73	18	1987	13.35	5.74E-06	Upper
358-02	0.800	0.313	0.85	111	1985	11.50	6.31E-47	Lower
358-02	0.816	-0.080	0.92	110	1985	6.07	5.17E-60	Middle
358-02	1.358	-1.100	0.85	117	1985	34.36	1.43E-49	Upper
359-01	1.558	-1.318	0.99	33	1967	1.34	2.23E-32	Lower
359-01	1.401	-1.487	1.00	34	1967	0.17	3.37E-46	Middle
359-01	1.269	-1.630	0.99	39	1967	0.59	1.23E-42	Upper
359-02	0.664	0.534	0.81	54	1966	5.89	1.08E-20	Lower
359-02	1.286	-0.354	0.72	52	1966	37.84	2.18E-15	Middle
359-02	1.525	-1.062	0.85	63	1965	28.24	8.19E-27	Upper
359-05	1.305	-0.902	0.90	143	1959	33.56	8.58E-73	Lower
359-05	1.449	-1.428	0.98	141	1959	6.49	2.49E-124	Middle
359-05	1.313	-1.569	0.96	149	1959	15.05	4.62E-101	Upper
361-01	0.879	-0.045	0.96	52	1968	1.57	7.88E-37	Lower
361-01	1.252	-0.844	0.88	53	1968	12.07	1.02E-24	Middle
361-01	1.376	-1.504	0.95	58	1968	5.40	2.40E-38	Upper
361-02	0.998	0.194	0.94	8	1973	0.38	5.47E-05	Lower
361-02	1.494	-0.348	0.80	5	1973	2.22	4.04E-02	Middle
361-02	1.780	-0.996	0.93	12	1973	2.03	3.03E-07	Upper
362-01	1.311	-0.976	0.92	114	1945	23.35	8.40E-62	Lower
362-01	1.430	-1.457	0.99	111	1945	2.46	1.64E-115	Middle
362-01	1.260	-1.641	0.97	120	1945	7.40	4.36E-92	Upper
364-02	0.841	0.353	0.93	87	1983	3.90	7.24E-51	Lower
364-02	0.838	0.066	0.89	88	1983	6.65	2.45E-42	Middle
364-02	1.119	-0.657	0.77	93	1983	29.42	1.26E-30	Upper
365-01	1.490	-0.386	0.75	54	1977	32.48	2.92E-17	Lower
365-01	1.865	-0.965	0.99	53	1977	2.04	2.29E-49	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
365-01	1.707	-1.133	0.98	58	1977	2.14	1.59E-52	Upper
365-02	1.620	-1.250	1.00	17	1964	0.24	1.12E-19	Lower
365-02	1.594	-1.276	1.00	15	1964	0.21	2.58E-17	Middle
365-02	1.439	-1.445	0.96	23	1964	2.43	1.54E-16	Upper
365-03	0.967	-0.008	0.97	172	1964	5.90	4.90E-127	Lower
365-03	1.616	-1.252	0.99	170	1964	2.76	9.33E-189	Middle
365-03	1.465	-1.408	0.95	178	1964	20.18	5.23E-118	Upper
367-01	1.610	-1.597	0.74	87	1982	76.91	1.33E-26	Upper
368-02	1.041	-0.244	0.75	150	1958	77.02	2.58E-46	Lower
368-02	1.337	-0.971	0.81	151	1958	89.37	5.28E-56	Middle
368-02	1.447	-1.614	0.92	159	1958	38.43	2.49E-89	Upper
368-03	2.029	-1.116	0.79	84	1971	70.71	2.69E-29	Middle
368-03	1.815	-1.338	0.80	91	1971	58.45	1.81E-32	Upper
369-01	0.900	-0.021	0.98	5	1973	0.06	7.90E-04	Lower
369-01	1.262	-0.629	0.88	9	1973	2.19	1.99E-04	Middle
369-01	1.544	-1.342	0.97	11	1973	0.80	4.45E-08	Upper
369-02	0.924	-0.003	0.98	59	1973	0.97	2.42E-50	Lower
369-02	0.833	-0.102	0.97	60	1973	1.52	6.22E-44	Middle
369-02	0.892	-0.532	0.75	65	1973	16.22	9.72E-21	Upper
370-01	0.903	-0.002	0.96	115	1982	4.21	2.66E-79	Lower
370-01	1.106	-0.546	0.83	115	1965	28.93	5.26E-46	Middle
370-01	1.411	-1.397	0.93	126	1965	19.69	1.03E-71	Upper
370-02	1.602	-1.270	1.00	122	1965	1.31	4.12E-146	Lower
370-02	1.511	-1.363	0.98	121	1965	4.41	7.80E-110	Middle
370-02	1.378	-1.501	0.96	128	1965	11.43	4.57E-88	Upper
371-01	1.214	-0.012	0.64	72	1952	49.00	2.82E-17	Lower
371-01	1.486	-1.530	0.70	78	1952	68.58	2.59E-21	Middle
371-01	1.194	-1.953	0.62	79	1982	61.16	5.06E-18	Upper
371-04	1.563	-1.309	0.99	80	1956	1.86	1.34E-83	Lower
371-04	1.476	-1.399	0.98	81	1956	3.95	5.49E-70	Middle
371-04	1.349	-1.536	0.95	86	1956	9.79	3.45E-56	Upper
372-01	1.650	-0.924	0.61	55	1980	79.69	1.69E-12	Lower
372-01	1.639	-1.479	0.67	56	1980	61.34	1.21E-14	Middle
372-01	1.570	-1.537	0.70	62	1980	55.29	2.00E-17	Upper
372-03	1.853	-0.888	0.98	98	1988	9.01	4.50E-81	Lower
372-03	1.804	-1.046	0.99	99	1988	3.26	1.11E-101	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
372-03	1.629	-1.234	0.98	107	1988	6.36	1.03E-91	Upper
372-05	1.487	-0.317	0.85	36	1992	14.26	2.43E-15	Lower
372-05	1.873	-0.951	0.99	35	1992	1.43	1.54E-33	Middle
372-05	1.672	-1.132	0.96	41	1992	4.24	2.17E-29	Upper
373-01	1.907	-0.928	0.99	12	1990	0.45	2.09E-11	Lower
373-01	1.794	-1.050	0.99	13	1990	0.66	1.31E-11	Middle
373-01	1.608	-1.248	0.97	16	1990	1.51	1.29E-11	Upper
374-01	0.830	0.050	0.90	33	1979	2.72	3.48E-17	Lower
374-01	1.156	-0.739	0.85	33	1954	9.92	3.99E-14	Middle
374-01	1.415	-1.442	0.96	49	1954	4.13	2.21E-33	Upper
374-02	0.758	0.217	0.89	174	1984	15.41	6.32E-83	Lower
374-02	1.055	-0.517	0.78	169	1951	64.61	2.32E-56	Middle
374-02	1.380	-1.328	0.88	185	1951	55.72	2.98E-86	Upper
374-03	0.918	-0.161	0.75	304	1976	98.42	4.46E-93	Lower
374-03	1.010	-0.561	0.68	307	1976	167.75	5.54E-78	Middle
374-03	1.475	-1.534	0.89	316	1976	98.56	1.72E-151	Upper
375-02	1.855	-0.986	0.99	17	1987	0.44	5.04E-17	Lower
375-02	1.786	-1.060	0.99	19	1987	0.68	5.00E-18	Middle
375-02	1.644	-1.211	0.98	22	1987	1.12	2.95E-18	Upper
375-03	2.188	-1.365	0.69	180	1993	250.52	2.63E-47	Lower
375-03	2.119	-1.420	0.69	179	1993	233.13	3.17E-47	Middle
375-03	1.939	-1.555	0.69	185	1993	206.48	5.28E-48	Upper
376-01	1.483	-1.326	0.98	132	1959	8.23	1.88E-107	Lower
376-01	1.413	-1.476	0.98	134	1959	4.99	2.49E-121	Middle
376-01	1.299	-1.600	0.97	142	1965	7.51	8.53E-112	Upper
380-01	0.811	0.206	0.89	31	1985	2.57	1.98E-15	Lower
380-01	0.675	0.094	0.74	30	1985	4.81	1.36E-09	Middle
380-01	0.683	-0.151	0.56	37	1985	13.54	1.20E-07	Upper
380-03	2.113	-1.291	0.66	87	1987	133.30	1.09E-21	Lower
380-03	2.118	-1.429	0.67	89	1993	123.14	8.18E-23	Middle
380-03	1.880	-1.550	0.67	94	1993	108.18	8.37E-24	Upper
380-04	1.079	-0.275	0.56	74	1978	65.20	1.42E-14	Lower
380-04	1.484	-1.008	0.73	69	1978	55.74	7.55E-21	Middle
380-04	1.588	-1.418	0.81	84	1980	47.29	4.65E-31	Upper
381-01	2.448	-1.083	0.77	50	1976	51.38	9.67E-17	Lower
381-01	2.334	-1.180	0.76	51	1976	51.59	1.11E-16	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
381-01	2.134	-1.307	0.74	55	1976	48.76	3.15E-17	Upper
382-02	1.968	-0.867	1.00	51	1991	0.73	5.28E-61	Lower
382-02	1.862	-0.985	1.00	53	1991	0.41	4.66E-69	Middle
382-02	1.705	-1.156	0.99	56	1991	1.63	3.86E-55	Upper
382-03	1.840	-1.056	0.60	64	1994	78.19	5.03E-14	Middle
382-04	1.355	-1.727	0.59	84	1995	86.86	1.27E-17	Middle
382-04	1.345	-1.745	0.64	93	1995	85.89	7.04E-22	Upper
382-05	0.800	0.490	0.93	39	1988	1.88	1.19E-22	Lower
382-05	0.757	0.219	0.79	38	1988	5.79	1.34E-13	Middle
382-05	1.650	-0.975	0.87	47	1988	17.61	1.80E-21	Upper
383-01	0.936	0.480	0.89	116	1990	10.61	1.90E-57	Lower
383-01	1.643	-0.338	0.78	114	1986	77.80	2.13E-38	Middle
383-01	1.898	-0.904	0.94	124	1986	27.11	6.43E-75	Upper
383-02	0.962	0.494	0.92	17	1990	1.05	9.27E-10	Lower
383-02	1.617	-1.081	0.55	22	1990	36.45	7.87E-05	Upper
385-01	0.834	0.662	0.96	43	1964	0.88	1.58E-29	Lower
385-01	0.853	0.470	0.95	40	1964	1.10	8.19E-26	Middle
385-01	1.256	-0.197	0.76	47	1964	15.04	1.49E-15	Upper
385-02	0.842	0.642	0.97	76	1962	1.27	1.05E-55	Lower
385-02	0.881	0.432	0.96	79	1962	1.66	3.02E-55	Middle
385-02	1.217	-0.267	0.76	80	1962	25.03	1.47E-25	Upper
386-01	1.525	-0.264	0.85	94	1977	35.41	7.50E-40	Lower
386-01	1.893	-0.904	0.97	95	1990	8.66	7.16E-75	Middle
386-01	1.636	-1.180	0.96	105	1990	11.41	4.82E-72	Upper
386-02	0.911	-0.018	0.97	60	1979	1.58	1.16E-46	Lower
386-02	0.889	-0.174	0.89	56	1979	6.14	2.46E-27	Middle
386-02	1.486	-1.369	0.95	66	1979	7.71	3.37E-44	Upper
386-03	1.726	-1.146	0.99	47	1981	1.05	2.27E-51	Lower
386-03	1.592	-1.290	0.99	44	1981	1.41	2.77E-43	Middle
386-03	1.448	-1.441	0.99	53	1981	1.59	1.54E-50	Upper
386-04	1.581	-0.626	0.92	13	1981	2.76	1.76E-07	Lower
386-04	1.789	-1.072	1.00	16	1981	0.04	2.67E-23	Middle
386-04	1.618	-1.264	0.96	19	1981	1.81	1.29E-13	Upper
387-01	1.818	-1.035	1.00	70	1983	0.80	2.11E-86	Lower
387-01	1.761	-1.098	0.99	70	1983	2.02	8.06E-72	Middle
387-01	1.627	-1.241	0.97	75	1983	6.49	3.31E-57	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
389-01	1.569	-0.837	0.91	79	1984	22.51	9.86E-42	Lower
389-01	1.630	-1.237	0.99	80	1984	2.28	1.39E-80	Middle
389-01	1.458	-1.420	0.98	88	1984	3.71	2.81E-77	Upper
389-02	1.104	-0.367	0.85	30	1976	6.93	3.67E-13	Lower
389-02	1.579	-1.282	0.98	26	1976	1.35	3.22E-22	Middle
389-02	1.427	-1.447	0.97	36	1976	2.32	1.07E-27	Upper
390-02	0.880	-0.041	0.97	26	1977	0.71	3.56E-20	Lower
390-02	0.766	-0.156	0.93	26	1977	1.41	4.80E-15	Middle
390-02	1.004	-0.778	0.72	32	1977	14.40	6.53E-10	Upper
391-04	0.882	-0.003	0.97	26	1980	0.77	5.20E-20	Lower
391-04	1.460	-0.962	0.91	27	1980	7.41	2.08E-14	Middle
391-04	1.477	-1.374	0.96	32	1980	3.50	1.17E-22	Upper
393-05	1.405	-1.363	0.56	37	1969	57.85	1.13E-07	Middle
393-05	1.560	-1.653	0.74	44	1969	40.21	1.06E-13	Upper
393-06	1.412	-1.784	0.68	41	1964	39.66	4.05E-11	Middle
393-06	1.460	-1.770	0.71	46	1964	42.70	2.30E-13	Upper
393-07	0.824	0.368	0.86	121	1986	12.82	5.83E-52	Lower
393-07	1.226	-0.309	0.77	122	1986	49.50	2.08E-40	Middle
393-07	1.620	-1.145	0.86	130	1986	51.20	4.39E-56	Upper
394-01	0.952	0.022	0.98	27	1980	0.53	2.30E-22	Lower
394-01	1.054	-0.269	0.86	29	1980	4.19	4.08E-13	Middle
394-01	1.576	-1.307	0.97	33	1980	2.58	1.06E-24	Upper
394-02	0.897	0.524	0.96	70	1964	1.64	4.19E-49	Lower
394-02	0.991	0.162	0.96	68	1964	2.03	6.70E-47	Middle
394-02	1.745	-0.859	0.92	74	1964	13.95	9.27E-41	Upper
396-01	2.084	-0.991	0.74	65	1992	65.59	5.08E-20	Lower
396-01	2.027	-1.167	0.74	66	1992	61.22	2.80E-20	Middle
396-01	1.891	-1.277	0.75	69	1992	54.91	1.27E-21	Upper
396-02	1.124	-0.355	0.87	141	1992	26.85	1.39E-63	Lower
396-02	1.575	-1.263	0.98	142	1967	5.57	8.00E-128	Middle
396-02	1.398	-1.376	0.92	151	1967	26.55	1.95E-82	Upper
396-03	1.923	-0.919	1.00	108	1988	1.07	3.02E-135	Lower
396-03	1.871	-0.980	0.99	109	1988	2.22	1.66E-118	Middle
396-03	1.719	-1.143	0.97	114	1988	7.58	2.88E-91	Upper
396-30	1.998	-0.826	0.99	20	1992	0.60	2.66E-20	Lower
396-30	1.889	-0.946	0.99	23	1992	0.85	4.33E-22	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
396-30	1.760	-1.085	0.98	24	1992	1.09	2.73E-21	Upper
397-01	1.615	-1.256	1.00	56	1965	0.58	4.00E-72	Lower
397-01	1.530	-1.347	0.99	54	1965	1.79	3.22E-55	Middle
397-01	1.301	-1.594	0.98	61	1965	3.63	7.66E-51	Upper
397-02	1.538	-1.332	0.99	54	1965	1.77	1.19E-52	Lower
397-02	1.446	-1.427	0.97	55	1965	3.89	6.22E-44	Middle
397-02	1.316	-1.562	0.95	60	1965	7.26	1.90E-38	Upper
397-03	1.376	-0.690	0.52	68	1982	104.13	3.46E-12	Lower
397-03	1.921	-1.321	0.81	67	1982	50.36	2.88E-25	Middle
397-03	1.733	-1.524	0.80	79	1982	50.65	8.90E-29	Upper
397-04	1.476	-1.404	0.55	66	1960	89.21	1.15E-12	Lower
397-04	1.486	-1.779	0.70	68	1960	52.22	4.84E-19	Middle
397-04	1.403	-1.823	0.71	72	1960	46.65	1.29E-20	Upper
397-05	2.042	-0.585	0.95	85	1960	12.72	2.90E-57	Lower
397-05	2.043	-0.738	0.98	82	1992	4.59	8.12E-73	Middle
397-05	1.825	-0.948	0.96	94	1992	10.10	9.32E-65	Upper
398-01	1.411	-0.980	0.53	102	1982	163.81	6.68E-18	Lower
398-01	1.765	-1.471	0.81	100	1982	66.84	8.99E-37	Middle
398-01	1.557	-1.657	0.80	108	1982	57.92	4.80E-39	Upper
399-01	0.880	0.317	0.93	43	1991	2.07	3.98E-25	Lower
399-01	1.515	-0.560	0.85	43	1991	14.48	2.97E-18	Middle
399-01	1.701	-1.093	0.97	49	1991	3.94	4.36E-36	Upper
399-02	0.873	0.059	0.91	26	1991	2.17	4.39E-14	Lower
399-02	0.863	-0.053	0.89	26	1975	2.25	3.25E-13	Middle
399-02	1.448	-1.060	0.85	37	1975	12.82	4.65E-16	Upper
400-30	1.940	-0.909	0.99	8	1989	0.28	3.20E-07	Lower
400-30	1.893	-0.964	0.99	9	1989	0.24	7.42E-09	Middle
400-30	1.621	-1.257	0.95	13	1989	1.42	1.08E-08	Upper
402-03	2.264	-1.221	0.66	75	1995	116.93	1.46E-18	Lower
402-03	2.198	-1.273	0.65	79	1995	117.81	2.24E-19	Middle
402-03	2.039	-1.408	0.65	80	1995	102.86	1.51E-19	Upper
407-01	2.176	-1.367	0.79	85	1994	77.10	7.83E-30	Lower
407-01	1.955	-1.577	0.78	83	1994	62.88	2.12E-28	Middle
407-01	1.751	-1.684	0.79	90	1994	53.48	2.74E-31	Upper
412-02	0.730	0.625	0.87	18	1993	1.00	1.61E-08	Lower
412-02	1.537	-0.696	0.56	18	1993	23.80	3.76E-04	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
412-02	1.812	-1.613	0.64	25	1993	30.43	1.63E-06	Upper
830-01	1.443	-1.037	0.94	71	1965	10.93	7.81E-44	Lower
830-01	1.491	-1.382	0.98	73	1965	2.80	1.91E-66	Middle
830-01	1.331	-1.554	0.97	77	1965	4.30	1.19E-60	Upper
830-03	1.584	-1.487	0.83	34	1966	23.07	6.66E-14	Lower
830-03	1.569	-1.608	0.85	33	1966	18.14	2.51E-14	Middle
830-03	1.440	-1.734	0.86	40	1966	17.30	6.93E-18	Upper
830-05	1.317	-0.882	0.79	34	1972	21.96	2.47E-12	Lower
830-05	1.472	-1.385	0.91	35	1972	9.69	7.27E-19	Middle
830-05	1.365	-1.589	0.86	49	1985	17.97	8.77E-22	Upper
830-09	0.652	0.310	0.81	59	1954	7.38	1.52E-22	Lower
830-09	1.237	-0.750	0.75	58	1954	37.83	1.43E-18	Middle
830-09	1.295	-1.468	0.76	65	1954	43.13	1.80E-21	Upper
830-10	1.473	-1.811	0.80	27	1954	21.04	3.75E-10	Lower
830-10	1.349	-1.888	0.81	29	1954	17.78	2.90E-11	Middle
830-10	1.258	-2.006	0.81	32	1954	17.08	2.39E-12	Upper
830-11	1.463	-1.269	0.97	56	1958	4.84	7.64E-43	Lower
830-11	1.398	-1.494	0.99	57	1958	0.75	8.02E-64	Middle
830-11	1.273	-1.629	0.99	62	1958	1.78	1.03E-57	Upper
830-14	1.340	-0.753	0.89	19	1970	5.21	1.23E-09	Lower
830-14	1.576	-1.299	1.00	18	1970	0.21	2.11E-21	Middle
830-14	1.442	-1.444	0.98	24	1970	0.99	3.01E-21	Upper
830-15	1.515	-1.127	0.68	14	1951	14.91	2.78E-04	Lower
830-15	1.584	-1.460	0.80	18	1951	12.16	6.71E-07	Middle
830-15	1.394	-1.714	0.78	20	1951	11.61	2.45E-07	Upper
830-16	1.007	0.473	0.95	50	1982	1.86	7.75E-34	Lower
830-16	1.576	-0.158	0.78	48	1982	26.01	1.62E-16	Middle
830-16	1.981	-0.829	0.98	54	1982	2.80	6.95E-48	Upper
830-17	1.433	-0.468	0.57	22	1976	28.98	5.26E-05	Lower
830-17	2.032	-1.192	0.81	23	1976	18.27	6.01E-09	Middle
830-17	1.885	-1.238	0.80	28	1976	20.37	1.74E-10	Upper
831-03	1.469	-1.414	1.00	63	1951	0.81	4.46E-74	Lower
831-03	1.353	-1.538	0.99	60	1951	0.89	1.64E-66	Middle
831-03	1.208	-1.692	0.98	69	1951	2.43	8.59E-61	Upper
831-04	1.473	-1.139	0.96	105	1959	12.78	2.00E-71	Lower
831-04	1.464	-1.420	0.99	102	1959	2.81	2.03E-100	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
831-04	1.301	-1.595	0.97	111	1959	6.12	9.67E-88	Upper
831-06	1.470	-1.154	0.96	108	1953	11.83	6.17E-77	Lower
831-06	1.462	-1.425	0.99	110	1953	2.70	7.67E-113	Middle
831-06	1.290	-1.612	0.97	114	1953	6.60	7.49E-90	Upper
831-07	1.290	-0.126	0.76	44	1978	27.68	1.54E-14	Lower
831-07	1.849	-0.959	0.98	42	1978	3.18	1.73E-35	Middle
831-07	1.593	-1.224	0.96	51	1978	5.82	3.30E-37	Upper
831-08	1.653	-0.881	0.95	42	1982	7.45	3.77E-27	Lower
831-08	1.661	-1.202	0.98	45	1982	3.47	1.06E-36	Middle
831-08	1.543	-1.337	0.96	48	1982	5.67	3.33E-33	Upper
831-11	1.711	-1.159	1.00	4	1971	0.03	9.31E-04	Lower
831-11	1.657	-1.211	1.00	3	1971	0.00	3.18E-03	Middle
831-11	1.555	-1.324	0.98	9	1971	0.52	3.82E-07	Upper
831-12	0.896	-0.029	0.98	33	1975	0.47	4.41E-29	Lower
831-12	0.817	-0.110	0.96	32	1975	0.83	1.37E-22	Middle
831-12	0.971	-0.684	0.76	39	1975	11.56	4.59E-13	Upper
831-13	0.903	0.579	0.93	68	1991	3.18	5.33E-40	Lower
831-13	1.802	-0.284	0.81	68	1991	39.69	2.65E-25	Middle
831-13	1.739	-1.152	0.79	72	1991	45.12	2.67E-25	Upper
831-14	2.101	-1.443	0.78	43	1994	36.92	4.20E-15	Lower
831-14	1.926	-1.572	0.77	40	1994	31.53	1.38E-13	Middle
831-14	1.768	-1.688	0.78	48	1994	28.66	6.93E-17	Upper
831-15	1.534	-1.345	1.00	28	1962	0.41	1.96E-32	Lower
831-15	1.416	-1.472	0.99	28	1962	0.44	3.89E-31	Middle
831-15	1.238	-1.665	0.99	32	1962	0.81	7.31E-31	Upper
831-16	1.290	0.464	0.50	13	1965	13.36	6.74E-03	Lower
831-16	2.164	-0.662	1.00	13	1997	0.05	3.14E-17	Middle
831-16	2.134	-0.636	0.90	17	1997	5.38	5.36E-09	Upper
831-19	0.917	-0.005	0.99	14	1978	0.15	3.19E-13	Lower
831-19	0.825	-0.099	0.93	14	1978	0.89	3.75E-08	Middle
831-19	1.184	-0.908	0.82	19	1978	6.50	1.01E-07	Upper
832-01	1.875	-0.964	0.99	73	1990	1.57	2.91E-80	Lower
832-01	1.709	-1.143	0.99	75	1990	1.62	1.14E-79	Middle
832-01	1.499	-1.369	0.99	79	1990	1.76	1.76E-78	Upper
832-02	1.593	-1.249	0.63	100	1967	150.22	7.29E-23	Lower
832-02	1.586	-1.478	0.69	101	1976	116.29	8.27E-27	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-02	1.419	-1.664	0.71	111	1967	93.45	5.50E-31	Upper
832-04	2.013	-0.676	0.84	45	1970	11.33	1.78E-18	Lower
832-04	1.943	-0.902	1.00	43	1970	0.05	1.37E-61	Middle
832-04	1.767	-1.092	1.00	48	1970	0.26	4.96E-56	Upper
832-05	1.655	-0.491	0.71	29	1973	25.64	9.99E-09	Lower
832-05	1.802	-1.003	0.96	33	1973	3.94	3.98E-23	Middle
832-05	1.639	-1.185	0.97	34	1973	2.62	5.66E-26	Upper
832-06	0.955	0.409	0.97	27	1983	0.73	8.36E-21	Lower
832-06	1.079	0.147	0.85	27	1983	5.59	9.83E-12	Middle
832-06	1.856	-0.975	0.97	32	1983	2.83	1.92E-25	Upper
832-08	1.655	-1.080	0.97	61	1977	5.59	3.02E-47	Lower
832-08	1.580	-1.296	0.99	60	1977	1.30	9.34E-63	Middle
832-08	1.409	-1.480	0.99	67	1977	1.72	8.60E-65	Upper
832-10	1.700	-1.069	0.98	148	1983	8.98	2.26E-129	Lower
832-10	1.611	-1.262	1.00	148	1983	1.31	5.48E-186	Middle
832-10	1.439	-1.446	0.99	153	1983	4.19	2.11E-148	Upper
832-11	1.408	0.415	0.69	18	1988	9.73	1.80E-05	Lower
832-11	2.353	-0.501	0.89	17	1988	7.88	1.62E-08	Middle
832-11	2.029	-1.193	0.71	22	1988	22.24	7.24E-07	Upper
832-12	1.675	-1.458	0.75	109	1980	93.48	3.84E-34	Middle
832-12	1.517	-1.601	0.74	114	1993	82.90	8.01E-35	Upper
832-13	1.982	-1.467	0.63	37	1963	55.45	5.04E-09	Lower
832-13	1.794	-1.621	0.62	39	1963	50.14	2.53E-09	Middle
832-13	1.659	-1.715	0.63	42	1963	43.13	3.42E-10	Upper
832-14	1.271	-1.892	0.74	8	1957	3.61	5.84E-03	Middle
832-14	1.682	-1.367	0.81	13	1957	9.35	3.17E-05	Upper
832-15	1.147	-0.159	0.89	24	1980	3.86	7.56E-12	Lower
832-15	1.732	-1.122	0.98	25	1980	1.54	1.36E-20	Middle
832-15	1.626	-1.246	0.96	30	1980	3.34	1.49E-20	Upper
832-17	0.969	0.293	0.99	17	1968	0.28	1.92E-15	Lower
832-17	1.244	-0.086	0.83	16	1968	6.49	9.60E-07	Middle
832-17	1.779	-1.073	0.99	22	1968	0.70	2.73E-22	Upper
832-18	1.804	-0.907	0.98	99	1986	8.59	1.10E-80	Lower
832-18	1.799	-1.048	0.99	103	1986	2.52	3.74E-111	Middle
832-18	1.589	-1.275	0.98	104	1986	7.26	9.51E-84	Upper
832-19	1.870	-0.975	1.00	75	1986	0.65	1.59E-97	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-19	1.820	-1.034	1.00	75	1986	0.35	8.71E-106	Middle
832-19	1.717	-1.151	0.99	81	1986	2.56	5.68E-80	Upper
832-20	1.782	-1.072	1.00	100	1983	1.25	9.21E-121	Lower
832-20	1.689	-1.176	0.99	101	1983	1.93	1.84E-110	Middle
832-20	1.505	-1.374	0.99	106	1983	3.73	6.60E-97	Upper
832-21	2.283	-1.288	0.79	50	1994	44.42	4.04E-18	Lower
832-21	2.088	-1.433	0.79	50	1994	37.90	5.26E-18	Middle
832-21	1.912	-1.564	0.79	55	1994	35.13	1.32E-19	Upper
832-22	1.518	-1.028	0.93	15	1979	3.57	5.23E-09	Lower
832-22	1.526	-1.350	0.99	21	1979	0.37	8.92E-23	Middle
832-22	1.415	-1.464	0.98	26	1978	1.19	4.25E-22	Upper
832-24	1.467	-1.416	1.00	9	1964	0.06	1.21E-10	Lower
832-24	1.432	-1.454	1.00	5	1964	0.01	9.02E-06	Middle
832-24	1.310	-1.587	0.99	14	1964	0.44	8.54E-13	Upper
832-25	0.938	0.017	0.98	26	1978	0.51	4.76E-21	Lower
832-25	1.357	-0.733	0.89	23	1978	5.30	1.62E-11	Middle
832-25	1.564	-1.314	0.98	32	1978	1.48	7.03E-27	Upper
832-26	1.658	-1.209	0.99	15	1959	0.37	4.14E-15	Lower
832-26	1.586	-1.285	0.99	18	1959	0.44	2.51E-18	Middle
832-26	1.435	-1.453	0.97	20	1959	1.39	2.40E-15	Upper
832-27	0.760	0.557	0.93	17	1964	0.83	6.57E-10	Lower
832-27	0.860	0.199	0.89	19	1964	1.98	9.97E-10	Middle
832-27	1.375	-0.768	0.67	23	1964	21.62	1.65E-06	Upper
832-30	0.804	0.242	0.85	9	1988	0.84	4.39E-04	Lower
832-30	0.836	0.103	0.89	9	1988	0.62	1.38E-04	Middle
832-30	1.310	-0.852	0.81	15	1988	4.36	4.21E-06	Upper
832-31	1.520	-1.363	0.99	24	1957	0.66	2.78E-24	Lower
832-31	1.438	-1.452	0.99	25	1957	0.77	2.04E-23	Middle
832-31	1.311	-1.592	0.98	30	1957	1.47	4.93E-25	Upper
832-33	1.694	-0.836	0.56	18	1986	31.06	3.46E-04	Lower
832-33	1.918	-1.360	0.70	21	1986	26.36	2.06E-06	Middle
832-33	1.909	-1.331	0.72	28	1986	27.79	1.09E-08	Upper
832-34	1.832	-1.017	1.00	4	1986	0.04	1.66E-03	Lower
832-34	1.778	-1.074	0.99	7	1986	0.24	3.63E-06	Middle
832-34	1.694	-1.135	0.95	9	1986	1.10	5.80E-06	Upper
832-35	1.693	-1.170	0.99	20	1986	0.53	3.73E-20	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-35	1.487	-1.395	1.00	17	1986	0.15	5.56E-20	Middle
832-35	1.424	-1.462	1.00	25	1986	0.21	4.16E-29	Upper
832-38	1.544	-1.334	1.00	4	1958	0.00	5.29E-08	Lower
832-38	1.475	-1.408	1.00	5	1958	0.00	2.34E-07	Middle
832-38	1.353	-1.539	0.99	8	1958	0.27	3.47E-07	Upper
832-39	1.428	-1.460	1.00	7	1958	0.07	1.47E-07	Lower
832-39	1.412	-1.479	0.99	6	1958	0.16	2.40E-05	Middle
832-39	1.272	-1.629	0.99	11	1958	0.46	1.55E-09	Upper
833-06	1.253	0.087	0.68	23	1980	14.52	1.39E-06	Lower
833-06	1.524	-1.567	0.61	23	1980	26.24	1.12E-05	Middle
833-06	1.452	-1.695	0.68	29	1980	25.08	3.63E-08	Upper
833-08	1.909	-0.927	0.99	107	1987	2.69	7.52E-115	Lower
833-08	1.856	-0.986	0.99	108	1987	2.15	2.12E-120	Middle
833-08	1.729	-1.122	0.98	112	1987	6.01	1.71E-97	Upper
833-09	0.783	0.752	0.87	66	1986	4.20	1.56E-30	Lower
833-09	1.382	0.129	0.69	64	1986	40.80	2.69E-17	Middle
833-09	1.936	-0.853	0.83	71	1986	40.91	6.86E-28	Upper
833-10	1.709	-1.725	0.70	9	1994	7.78	5.23E-03	Middle
833-10	1.436	-1.938	0.68	14	1994	9.16	2.99E-04	Upper
834-01	1.574	-0.005	0.71	45	1986	31.62	5.04E-13	Lower
834-01	2.139	-0.685	1.00	47	1986	0.50	3.10E-57	Middle
834-01	1.972	-0.866	1.00	48	1986	0.59	1.45E-55	Upper
834-03	1.773	-0.704	0.69	25	1987	13.08	2.47E-07	Lower
834-03	1.881	-0.968	1.00	25	1987	0.15	9.21E-29	Middle
834-03	1.880	-0.967	0.99	28	1987	0.32	1.00E-29	Upper
834-06	1.173	-0.480	0.87	32	1972	8.34	1.38E-14	Lower
834-06	1.560	-1.307	0.98	36	1972	2.36	2.89E-29	Middle
834-06	1.417	-1.462	0.96	38	1972	3.27	1.01E-27	Upper
834-08	1.263	-0.912	0.67	131	1960	133.00	3.11E-33	Lower
834-08	1.354	-1.893	0.78	129	1960	89.26	2.06E-43	Middle
834-08	1.228	-2.005	0.78	136	1960	78.16	1.64E-45	Upper
834-11	1.573	-1.301	0.99	12	1969	0.48	7.78E-11	Lower
834-11	1.450	-1.434	0.99	11	1969	0.42	4.55E-10	Middle
834-11	1.311	-1.579	0.97	18	1969	1.09	1.11E-13	Upper
834-12	2.018	-0.810	1.00	94	1992	1.75	1.96E-109	Lower
834-12	1.888	-0.956	1.00	95	1992	0.96	9.26E-120	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
834-12	1.617	-1.250	0.98	98	1992	4.09	3.18E-88	Upper
834-13	1.633	-1.418	0.83	22	1973	16.01	4.78E-09	Lower
834-13	1.685	-1.619	0.88	26	1973	12.96	1.87E-12	Middle
834-13	1.468	-1.770	0.88	28	1973	10.30	1.30E-13	Upper
834-14	1.571	-1.305	1.00	42	1955	0.35	7.74E-54	Lower
834-14	1.478	-1.407	0.99	42	1955	1.75	3.15E-38	Middle
834-14	1.295	-1.605	0.97	48	1955	3.71	1.32E-35	Upper
834-15	1.687	-1.012	0.97	44	1982	4.12	3.46E-34	Lower
834-15	1.667	-1.203	1.00	42	1982	0.19	3.97E-58	Middle
834-15	1.497	-1.380	0.98	49	1982	2.53	1.83E-41	Upper
834-17	0.914	0.292	0.99	72	1987	0.30	2.96E-81	Lower
834-17	0.910	0.088	0.96	77	1987	2.65	5.79E-53	Middle
834-17	1.399	-0.884	0.85	77	1987	24.20	7.90E-33	Upper
834-18	1.579	-0.790	0.78	14	1970	10.39	2.59E-05	Lower
834-18	1.740	-1.088	0.98	13	1970	0.89	2.20E-10	Middle
834-18	1.511	-1.312	0.96	18	1970	2.05	1.99E-12	Upper
834-19	1.136	-0.172	0.90	22	1980	3.37	2.67E-11	Lower
834-19	1.737	-1.120	1.00	21	1980	0.13	3.04E-27	Middle
834-19	1.562	-1.312	0.98	27	1980	1.61	7.95E-22	Upper
835-01	1.458	-1.046	0.94	102	1965	14.91	6.44E-64	Lower
835-01	1.485	-1.402	0.99	102	1965	3.39	1.25E-96	Middle
835-01	1.324	-1.575	0.98	108	1965	4.52	6.29E-91	Upper
835-02	1.352	-0.927	0.66	70	1966	79.38	1.24E-17	Lower
835-02	1.518	-1.659	0.84	70	1966	37.25	6.92E-29	Middle
835-02	1.390	-1.765	0.83	76	1966	36.10	2.64E-30	Upper
835-03	0.971	-0.351	0.87	40	1947	7.91	9.98E-19	Lower
835-03	1.430	-1.453	0.98	38	1947	1.80	7.80E-34	Middle
835-03	1.299	-1.594	0.97	46	1947	3.97	9.54E-34	Upper
835-04	1.421	-0.894	0.93	36	1960	6.47	7.28E-21	Lower
835-04	1.531	-1.346	0.99	35	1960	0.63	1.62E-37	Middle
835-04	1.370	-1.518	0.97	42	1960	2.48	8.34E-33	Upper
835-05	1.413	-0.683	0.87	51	1979	17.78	2.13E-23	Lower
835-05	1.591	-1.270	0.98	51	1979	2.57	2.88E-45	Middle
835-05	1.406	-1.474	0.98	57	1979	2.90	3.03E-47	Upper
835-06	1.666	-1.178	0.81	117	1953	88.38	8.54E-43	Middle
835-06	1.445	-1.452	0.77	126	1953	87.29	5.70E-41	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-08	1.272	-0.514	0.84	52	1984	20.79	1.85E-21	Lower
835-08	1.609	-1.219	0.98	54	1962	3.41	1.79E-46	Middle
835-08	1.429	-1.407	0.97	61	1984	5.12	1.15E-45	Upper
835-09	1.500	-1.381	0.99	97	1955	1.96	1.74E-105	Lower
835-09	1.374	-1.517	1.00	98	1955	0.82	3.79E-121	Middle
835-09	1.227	-1.675	0.99	103	1955	2.23	1.79E-101	Upper
835-10	1.189	-0.806	0.86	82	1955	27.35	6.53E-36	Lower
835-10	1.435	-1.445	0.98	76	1955	4.35	7.36E-66	Middle
835-10	1.286	-1.605	0.97	94	1956	7.09	2.52E-70	Upper
835-11	1.654	-1.769	0.61	24	1993	30.32	6.46E-06	Middle
835-11	1.598	-1.772	0.63	28	1993	29.18	5.33E-07	Upper
835-12	0.591	0.672	0.79	84	1965	7.72	2.20E-29	Lower
835-12	1.217	-0.161	0.66	82	1965	62.20	1.34E-20	Middle
835-12	1.584	-0.911	0.80	90	1965	55.74	2.92E-32	Upper
835-14	0.855	0.130	0.94	36	1977	1.63	1.02E-22	Lower
835-14	0.811	-0.099	0.92	34	1977	2.12	5.81E-19	Middle
835-14	1.026	-0.744	0.74	42	1977	15.16	2.10E-13	Upper
835-15	1.441	-1.684	0.74	140	1951	130.11	5.13E-42	Lower
835-15	1.383	-1.844	0.75	143	1951	113.35	2.62E-44	Middle
835-15	1.268	-1.935	0.75	146	1951	97.32	1.48E-45	Upper
835-16	1.756	-1.104	0.99	33	1975	0.77	1.78E-35	Lower
835-16	1.698	-1.166	0.99	34	1975	1.56	7.72E-32	Middle
835-16	1.546	-1.330	0.96	39	1975	4.68	7.48E-27	Upper
835-19	0.851	0.532	0.96	5	1997	0.13	3.94E-03	Lower
835-19	0.816	0.249	0.90	7	1997	0.35	1.11E-03	Middle
835-19	1.506	-0.627	0.79	9	1997	3.91	1.25E-03	Upper
837-01	1.190	-0.711	0.87	51	1956	16.26	4.18E-23	Lower
837-01	1.418	-1.464	0.98	52	1956	3.80	2.14E-42	Middle
837-01	1.254	-1.642	0.98	57	1956	2.89	3.11E-47	Upper
837-06	1.243	-0.755	0.86	36	1983	14.42	6.04E-16	Lower
837-06	1.477	-1.350	0.98	33	1983	2.50	2.35E-27	Middle
837-06	1.305	-1.437	0.91	49	1945	10.75	1.68E-26	Upper
837-08	0.869	-0.055	0.98	135	1975	2.78	7.74E-109	Lower
837-08	1.298	-0.957	0.88	138	1975	34.40	1.41E-64	Middle
837-08	1.391	-1.478	0.97	141	1975	10.23	3.79E-104	Upper
837-12	0.884	0.337	0.88	87	1980	10.97	6.44E-41	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-12	1.427	-0.378	0.80	86	1980	51.13	7.55E-31	Middle
837-12	1.698	-1.203	0.89	96	1980	39.04	1.99E-47	Upper
837-18	1.069	-0.180	0.87	11	1958	3.34	3.00E-05	Lower
837-18	1.643	-1.226	1.00	10	1958	0.09	3.05E-12	Middle
837-18	1.588	-1.286	1.00	14	1958	0.02	4.41E-22	Upper
838-05	1.070	0.357	0.97	39	1986	1.60	1.12E-28	Lower
838-05	1.349	-0.083	0.83	40	1986	15.50	5.34E-16	Middle
838-05	2.040	-0.809	0.99	44	1986	1.04	1.11E-48	Upper
839-02	1.596	-1.448	0.74	96	1959	86.24	1.30E-29	Lower
839-02	1.583	-1.663	0.81	99	1959	61.80	2.27E-36	Middle
839-02	1.447	-1.768	0.81	103	1968	54.55	5.91E-38	Upper
839-03	1.196	-1.915	0.54	46	1977	45.07	7.46E-09	Middle
839-03	1.037	-2.079	0.53	51	1977	38.60	1.18E-09	Upper
839-04	1.763	-1.089	0.99	24	1972	0.47	4.82E-26	Lower
839-04	1.673	-1.190	0.99	22	1972	0.58	2.40E-22	Middle
839-04	1.531	-1.346	0.97	29	1972	1.95	6.97E-23	Upper
839-05	1.708	-1.152	0.99	56	1972	1.23	1.85E-62	Lower
839-05	1.596	-1.276	0.99	55	1972	1.47	1.18E-57	Middle
839-05	1.426	-1.463	0.98	61	1972	3.67	1.41E-50	Upper
839-06	1.760	-1.379	0.84	46	1962	33.57	2.62E-19	Lower
839-06	1.665	-1.516	0.83	46	1962	31.21	9.56E-19	Middle
839-06	1.554	-1.599	0.85	51	1962	27.42	1.01E-21	Upper
839-08	0.670	0.536	0.80	111	1974	11.51	2.38E-40	Lower
839-08	0.881	0.107	0.91	109	1974	8.22	7.75E-57	Middle
839-08	1.154	-0.744	0.57	117	1974	109.40	6.25E-23	Upper
839-09	1.535	-1.049	0.94	38	1962	6.36	3.17E-23	Lower
839-09	1.593	-1.271	0.97	41	1962	3.30	6.41E-32	Middle
839-09	1.481	-1.381	0.95	44	1962	5.84	3.70E-28	Upper
839-10	1.651	-1.237	0.64	87	1986	99.69	1.99E-20	Upper
839-11	0.990	0.133	0.57	148	1985	83.61	1.68E-28	Lower
839-11	1.907	-1.303	0.81	154	1985	97.16	2.46E-57	Upper
839-12	1.746	-1.015	0.72	82	1962	97.63	5.39E-24	Lower
839-12	1.755	-1.419	0.81	81	1981	59.26	4.83E-30	Middle
839-12	1.561	-1.573	0.82	89	1981	49.17	3.72E-34	Upper
839-13	0.693	0.864	0.84	85	1990	5.96	1.27E-34	Lower
839-13	1.504	0.140	0.65	85	1990	77.96	1.56E-20	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-13	2.065	-0.629	0.88	91	1990	40.86	2.77E-42	Upper
839-14	1.639	-1.741	0.52	33	1993	54.94	1.92E-06	Lower
839-14	1.561	-1.806	0.56	38	1993	51.37	7.76E-08	Middle
839-14	1.411	-1.922	0.56	38	1993	42.04	7.87E-08	Upper
839-18	1.933	-1.511	0.60	51	1952	84.87	2.37E-11	Lower
839-18	1.759	-1.639	0.60	52	1960	70.12	1.36E-11	Middle
839-18	1.562	-1.793	0.60	56	1960	59.66	1.90E-12	Upper
839-21	0.764	-0.165	0.87	5	1970	0.68	2.04E-02	Lower
839-21	1.625	-1.238	0.99	5	1970	0.12	1.85E-04	Middle
839-21	1.352	-1.530	0.97	10	1970	0.76	1.98E-07	Upper
839-23	0.874	-0.044	0.97	23	1978	0.50	7.39E-18	Lower
839-23	0.800	-0.110	0.92	22	1978	1.30	2.53E-12	Middle
839-23	0.818	-0.412	0.73	28	1978	6.84	6.79E-09	Upper
839-24	1.557	-1.580	0.55	24	1988	33.64	3.36E-05	Lower
839-24	1.356	-1.750	0.52	20	1988	23.10	3.26E-04	Middle
839-24	1.415	-1.723	0.59	29	1988	29.85	1.24E-06	Upper
840-01	0.838	0.435	0.93	113	1983	5.07	5.03E-67	Lower
840-01	0.858	0.158	0.93	113	1983	5.42	1.49E-66	Middle
840-01	1.021	-0.493	0.77	118	1983	33.31	1.98E-38	Upper
840-02	1.152	-0.612	0.87	41	1958	8.10	3.76E-19	Lower
840-02	1.492	-1.386	0.99	38	1958	1.25	2.16E-35	Middle
840-02	1.353	-1.528	0.95	47	1958	4.28	9.63E-32	Upper
840-03	1.489	-1.057	0.95	54	1960	7.09	1.44E-36	Lower
840-03	1.510	-1.366	0.99	56	1960	1.33	3.38E-58	Middle
840-03	1.320	-1.569	0.97	60	1960	3.48	2.16E-47	Upper
840-05	1.359	-0.961	0.93	72	1954	11.92	5.57E-42	Lower
840-05	1.493	-1.373	0.99	75	1954	1.55	4.03E-77	Middle
840-05	1.352	-1.516	0.95	83	1954	9.53	4.38E-53	Upper
840-07	0.385	0.808	0.66	97	1994	7.92	5.70E-24	Lower
840-07	0.550	0.317	0.62	99	1994	19.93	4.83E-22	Middle
840-07	1.135	-0.803	0.64	108	1965	80.07	2.15E-25	Upper
840-08	0.772	0.039	0.88	73	1974	7.82	4.07E-34	Lower
840-08	0.808	-0.217	0.82	77	1974	13.41	6.85E-30	Middle
840-08	1.442	-1.550	0.84	92	1955	45.43	3.74E-37	Upper
840-09	1.614	-1.255	0.99	59	1965	1.06	5.52E-67	Lower
840-09	1.548	-1.327	1.00	59	1965	0.92	3.80E-68	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-09	1.412	-1.474	0.98	63	1965	3.77	2.77E-52	Upper
840-10	0.927	0.062	0.98	160	1973	2.43	3.70E-140	Lower
840-10	0.853	-0.077	0.99	162	1973	1.44	4.38E-155	Middle
840-10	1.221	-1.039	0.85	166	1973	43.00	4.11E-69	Upper
840-11	1.223	-0.537	0.88	70	1966	14.91	1.36E-33	Lower
840-11	1.564	-1.311	0.99	68	1966	1.87	5.97E-67	Middle
840-11	1.416	-1.462	0.95	76	1966	8.68	7.39E-50	Upper
840-13	1.518	-1.085	0.95	64	1967	9.63	1.31E-41	Lower
840-13	1.546	-1.314	0.98	65	1967	4.48	1.85E-53	Middle
840-13	1.412	-1.450	0.94	70	1967	10.95	1.08E-42	Upper
840-14	0.847	-0.059	0.95	146	1955	5.96	1.28E-98	Lower
840-14	1.181	-0.912	0.87	142	1960	35.02	3.11E-64	Middle
840-14	1.316	-1.545	0.94	160	1981	18.65	5.60E-101	Upper
840-15	0.866	-0.063	0.98	18	1955	0.23	8.19E-16	Lower
840-15	1.478	-1.403	0.99	18	1955	0.38	1.96E-18	Middle
840-15	1.315	-1.572	0.96	24	1955	1.57	1.74E-17	Upper
840-18	0.844	0.225	0.88	16	1965	1.95	6.46E-08	Lower
840-18	0.821	0.082	0.87	15	1965	2.20	3.18E-07	Middle
840-18	0.825	-0.489	0.72	22	1965	6.98	5.60E-07	Upper
840-19	0.939	0.018	1.00	3	1981	0.01	2.86E-02	Lower
840-19	0.892	-0.030	0.99	4	1981	0.05	5.54E-03	Middle
840-19	1.524	-1.334	0.96	8	1981	0.88	2.67E-05	Upper
840-20	1.692	-1.366	0.86	29	1966	18.01	3.87E-13	Lower
840-20	1.576	-1.539	0.84	35	1966	20.38	1.37E-14	Middle
840-20	1.378	-1.667	0.83	39	1966	18.23	4.81E-16	Upper
840-22	0.817	0.464	0.90	61	1983	4.55	1.81E-31	Lower
840-22	0.839	0.215	0.87	59	1983	6.13	7.82E-27	Middle
840-22	1.173	-0.637	0.76	77	1979	32.46	9.89E-25	Upper
840-24	1.128	-0.252	0.62	25	1970	23.33	3.02E-06	Lower
840-24	1.644	-1.586	0.79	27	1970	23.31	4.74E-10	Middle
840-24	1.588	-1.641	0.76	31	1970	28.51	2.14E-10	Upper
840-26	0.688	0.529	0.80	86	1961	10.48	9.21E-31	Lower
840-26	1.337	-0.359	0.74	89	1961	58.36	7.90E-27	Middle
840-26	1.564	-1.085	0.78	92	1961	63.50	2.22E-31	Upper
840-27	0.904	0.036	0.97	123	1965	3.24	4.50E-94	Lower
840-27	0.838	-0.089	0.97	120	1965	2.92	1.41E-89	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-27	0.856	-0.561	0.74	129	1965	34.33	4.18E-39	Upper
840-28	0.990	0.371	1.00	12	1977	0.05	8.67E-14	Lower
840-28	0.890	0.272	0.89	12	1977	1.44	3.89E-06	Middle
840-28	0.965	-0.152	0.72	18	1977	7.42	8.29E-06	Upper
840-31	1.237	-0.774	0.86	37	1966	11.74	2.39E-16	Lower
840-31	1.516	-1.359	0.97	35	1966	2.88	1.94E-27	Middle
840-31	1.382	-1.498	0.95	43	1966	5.26	3.30E-28	Upper
840-33	0.615	0.710	0.65	67	1982	11.30	1.95E-16	Lower
840-33	0.977	0.215	0.67	65	1973	25.00	7.61E-17	Middle
840-33	1.492	-0.971	0.59	76	1982	97.20	5.22E-16	Upper
840-36	1.039	0.123	0.97	34	1984	1.20	2.65E-26	Lower
840-36	1.030	0.110	1.00	33	1984	0.03	8.88E-51	Middle
840-36	0.972	-0.082	0.82	40	1984	9.07	1.19E-15	Upper
841-01	1.452	0.275	0.69	73	1977	52.81	9.34E-20	Lower
841-01	2.315	-0.486	0.99	71	1977	2.49	3.88E-73	Middle
841-01	2.049	-0.780	0.98	77	1977	3.96	1.34E-69	Upper
841-02	0.887	-0.033	0.98	25	1981	0.44	2.62E-21	Lower
841-02	0.779	-0.134	0.92	33	1981	1.84	1.31E-18	Middle
841-02	1.152	-0.955	0.78	35	1977	13.09	1.60E-12	Upper
841-03	0.667	0.811	0.74	45	1991	3.72	2.63E-14	Lower
841-03	1.536	0.057	0.52	43	1991	51.93	4.44E-08	Middle
841-03	2.038	-0.594	0.78	49	1991	31.76	3.92E-17	Upper
842-04	1.837	-0.885	0.97	72	1990	8.82	3.87E-54	Lower
842-04	1.705	-1.155	1.00	74	1990	1.07	2.33E-86	Middle
842-04	1.534	-1.333	0.99	77	1990	1.65	9.59E-80	Upper
842-05	1.487	-1.003	0.84	18	1957	8.58	8.91E-08	Lower
842-05	1.466	-1.308	0.94	20	1957	3.55	1.49E-12	Middle
842-05	1.313	-1.463	0.91	23	1957	5.26	3.17E-12	Upper
842-07	0.771	0.518	0.88	69	1960	4.71	1.35E-32	Lower
842-07	1.424	-0.173	0.74	63	1960	36.76	2.05E-19	Middle
842-07	1.688	-0.959	0.85	75	1960	31.60	2.79E-32	Upper
842-10	1.440	-0.381	0.60	56	1982	69.99	3.37E-12	Lower
842-10	1.671	-1.534	0.79	57	1982	37.94	2.28E-20	Middle
842-10	1.538	-1.645	0.78	62	1982	37.28	1.83E-21	Upper
842-12	1.109	0.420	0.85	67	1987	8.74	1.44E-28	Lower
842-12	2.285	-0.525	0.99	67	1987	2.07	2.20E-67	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
842-12	2.017	-0.813	0.98	70	1987	2.70	1.14E-63	Upper
842-13	1.637	-0.163	0.73	22	1967	16.62	3.60E-07	Lower
842-13	1.886	-0.898	0.93	19	1967	4.16	5.27E-11	Middle
842-13	1.666	-1.114	0.93	26	1967	5.05	4.39E-15	Upper
842-15	1.511	-1.368	1.00	54	1951	0.78	8.80E-63	Lower
842-15	1.420	-1.462	0.99	52	1951	1.27	1.11E-53	Middle
842-15	1.322	-1.564	0.97	59	1951	4.14	6.28E-46	Upper
842-16	1.234	-0.662	0.84	41	1979	16.96	4.22E-17	Lower
842-16	1.502	-1.367	0.98	43	1979	2.89	3.29E-36	Middle
842-16	1.335	-1.549	0.98	47	1979	2.28	3.83E-40	Upper
843-01	0.797	0.554	0.83	175	1966	22.26	2.11E-69	Lower
843-01	1.225	-0.175	0.75	173	1966	87.99	4.01E-53	Middle
843-01	1.585	-1.517	0.73	184	1966	168.73	3.17E-54	Upper
843-03	1.679	-1.186	1.00	39	1975	0.30	7.87E-50	Lower
843-03	1.581	-1.297	0.99	41	1975	0.69	3.50E-45	Middle
843-03	1.422	-1.469	0.98	44	1975	2.28	4.07E-36	Upper
843-06	1.657	-1.202	0.99	53	1961	2.37	2.20E-52	Lower
843-06	1.554	-1.310	0.99	51	1961	3.03	2.04E-46	Middle
843-06	1.372	-1.503	0.96	60	1974	6.64	4.54E-43	Upper
843-07	1.875	-0.963	0.99	12	1991	0.40	1.53E-11	Lower
843-07	1.833	-1.009	0.99	12	1991	0.35	9.67E-12	Middle
843-07	1.597	-1.238	0.97	17	1991	1.35	1.28E-12	Upper
843-09	1.636	-1.228	0.99	8	1970	0.34	6.77E-07	Lower
843-09	1.549	-1.317	0.98	9	1970	0.73	5.14E-07	Middle
843-09	1.419	-1.458	0.97	14	1970	1.01	2.39E-10	Upper
844-02	1.065	-0.271	0.63	46	1978	36.72	5.83E-11	Lower
844-02	1.775	-1.153	0.94	47	1978	11.99	1.14E-28	Middle
844-02	1.708	-1.242	0.91	52	1978	17.43	6.86E-28	Upper
844-05	2.130	-1.302	0.62	9	1952	14.80	1.17E-02	Lower
844-05	1.840	-1.532	0.61	14	1952	17.52	9.05E-04	Upper
845-03	1.902	-1.334	0.56	36	1978	66.06	1.31E-07	Lower
845-03	1.964	-1.442	0.67	38	1978	47.11	3.54E-10	Middle
845-03	1.789	-1.635	0.64	41	1978	48.34	3.92E-10	Upper
845-06	1.691	-1.446	0.59	88	1994	121.19	3.20E-18	Lower
845-06	1.652	-1.732	0.71	85	1994	66.16	4.63E-24	Middle
845-06	1.569	-1.793	0.71	95	1994	64.10	5.04E-27	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
845-07	0.895	0.125	0.65	126	1994	52.67	3.37E-30	Lower
845-07	1.620	-1.603	0.75	140	1977	122.19	7.71E-43	Upper
845-08	1.679	-1.451	0.65	24	1991	28.68	2.25E-06	Middle
845-08	1.524	-1.633	0.63	31	1991	32.37	1.07E-07	Upper
845-09	0.819	0.506	0.90	52	1979	3.82	1.39E-26	Lower
845-09	0.923	0.172	0.92	50	1979	3.49	2.60E-28	Middle
845-09	1.047	-0.380	0.73	63	1979	24.68	4.73E-19	Upper
845-17	0.998	0.202	0.97	12	1981	0.27	2.71E-09	Lower
845-17	1.266	-0.419	0.79	12	1981	5.09	1.22E-04	Middle
845-17	1.802	-0.992	0.97	17	1981	1.22	2.35E-13	Upper
845-18	1.719	-1.318	0.62	17	1978	20.40	1.59E-04	Middle
845-18	1.687	-1.738	0.61	23	1978	24.60	1.10E-05	Upper
845-20	0.778	0.515	0.95	15	1986	0.53	1.41E-09	Lower
845-20	1.193	-0.058	0.82	13	1986	4.50	2.27E-05	Middle
845-20	1.655	-1.154	0.94	20	1986	3.41	2.27E-12	Upper
845-21	1.323	-0.134	0.77	31	1976	16.36	9.41E-11	Lower
845-21	1.922	-0.849	0.95	30	1976	5.48	5.97E-20	Middle
845-21	1.686	-1.092	0.94	35	1976	6.58	1.57E-21	Upper
845-24	0.959	0.504	0.99	34	1976	0.30	1.24E-34	Lower
845-24	1.072	0.208	0.78	34	1976	11.77	4.02E-12	Middle
845-24	1.993	-0.862	1.00	38	1976	0.82	3.25E-43	Upper
845-25	1.033	0.114	0.99	7	1976	0.06	9.90E-07	Lower
845-25	1.849	-1.006	1.00	6	1976	0.06	1.75E-06	Middle
845-25	1.769	-1.092	1.00	10	1976	0.21	1.26E-10	Upper
846-01	1.303	-0.228	0.85	60	1987	15.58	1.13E-25	Lower
846-01	1.803	-1.036	0.99	63	1990	1.88	2.43E-62	Middle
846-01	1.616	-1.238	0.97	68	1987	4.28	5.45E-53	Upper
846-02	0.929	0.223	0.96	112	1971	5.60	1.85E-77	Lower
846-02	1.259	-0.328	0.82	112	1971	49.78	5.47E-43	Middle
846-02	1.644	-1.156	0.98	117	1971	9.85	1.10E-95	Upper
846-03	1.572	-1.302	1.00	90	1966	1.24	1.54E-104	Lower
846-03	1.479	-1.403	0.99	95	1966	1.80	1.00E-100	Middle
846-03	1.341	-1.555	0.98	101	1954	3.79	2.53E-88	Upper
846-04	1.606	-1.161	0.94	60	1987	12.38	3.73E-38	Lower
846-04	1.487	-1.270	0.92	63	1961	15.80	6.54E-35	Middle
846-04	1.348	-1.414	0.89	71	1961	19.74	4.58E-35	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
846-05	1.629	-1.010	0.94	76	1963	20.37	9.55E-46	Lower
846-05	1.596	-1.206	0.97	75	1963	8.43	1.77E-57	Middle
846-05	1.391	-1.408	0.95	81	1963	12.69	4.04E-52	Upper
846-06	1.776	-0.784	0.84	28	1965	14.80	6.10E-12	Lower
846-06	1.853	-0.963	0.96	28	1965	2.81	3.60E-20	Middle
846-06	1.508	-1.287	0.93	33	1965	5.87	2.23E-19	Upper
846-07	1.319	-0.973	0.86	19	1967	9.17	1.25E-08	Lower
846-07	1.458	-1.421	0.99	22	1967	0.97	1.24E-20	Middle
846-07	1.288	-1.605	0.98	25	1967	1.11	3.40E-22	Upper
846-08	1.550	-1.317	0.99	27	1958	0.67	1.02E-28	Lower
846-08	1.404	-1.485	1.00	27	1958	0.16	1.62E-35	Middle
846-08	1.302	-1.564	0.98	34	1968	1.92	1.51E-28	Upper
846-10	2.002	-0.823	0.99	42	1992	1.17	1.93E-44	Lower
846-10	1.896	-0.943	0.99	42	1992	0.84	2.61E-46	Middle
846-10	1.690	-1.171	0.99	46	1992	1.04	2.11E-47	Upper
846-11	0.633	0.602	0.81	84	1981	7.17	2.19E-31	Lower
846-11	1.326	-0.244	0.62	84	1981	84.84	6.86E-19	Middle
846-11	1.687	-0.913	0.83	89	1981	46.37	1.21E-35	Upper
846-12	1.012	0.635	0.95	16	1981	0.63	2.80E-10	Lower
846-12	2.002	-0.159	0.84	16	1981	8.51	7.19E-07	Middle
846-12	2.079	-0.738	0.97	19	1981	1.47	5.14E-15	Upper
847-01	0.955	0.060	0.98	39	1980	0.90	3.90E-32	Lower
847-01	1.514	-0.719	0.82	39	1980	23.08	3.89E-15	Middle
847-01	1.710	-1.131	0.98	44	1980	3.35	3.53E-36	Upper
847-02	1.066	0.167	0.98	32	1980	0.93	1.28E-26	Lower
847-02	1.748	-0.778	0.90	30	1980	11.69	2.11E-15	Middle
847-02	1.783	-1.052	0.97	36	1980	3.61	1.53E-28	Upper
847-04	1.248	-1.075	0.54	47	1976	71.04	3.59E-09	Middle
847-04	1.602	-1.668	0.80	52	1976	37.80	6.75E-19	Upper
847-05	1.366	-0.920	0.61	30	1982	37.76	3.63E-07	Middle
847-05	1.803	-1.473	0.86	40	1982	21.98	1.16E-17	Upper
847-07	1.021	0.104	0.96	25	1986	1.00	5.28E-17	Lower
847-07	1.688	-0.837	0.93	26	1986	4.64	1.12E-15	Middle
847-07	1.645	-1.194	0.96	31	1986	2.83	1.16E-21	Upper
847-08	1.307	-1.887	0.53	21	1980	24.72	1.91E-04	Lower
847-08	1.152	-2.023	0.57	25	1981	20.55	1.21E-05	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
848-04	1.924	-0.906	0.99	18	1990	0.55	5.44E-18	Lower
848-04	1.818	-1.025	0.99	19	1990	0.54	3.98E-19	Middle
848-04	1.663	-1.182	0.97	23	1990	1.76	1.45E-17	Upper
848-05	1.505	-1.882	0.60	10	1978	10.84	8.51E-03	Upper
848-07	1.857	-0.995	0.99	27	1991	0.57	2.29E-29	Lower
848-07	1.702	-1.159	1.00	25	1991	0.28	2.99E-29	Middle
848-07	1.564	-1.301	0.99	33	1991	0.86	6.72E-32	Upper
848-12	1.332	0.294	0.85	18	1990	4.08	5.89E-08	Lower
848-12	2.339	-0.477	1.00	17	1990	0.04	1.25E-25	Middle
848-12	2.077	-0.749	0.98	22	1990	1.16	2.38E-19	Upper
848-14	1.531	-1.348	1.00	9	1992	0.01	1.58E-12	Lower
848-14	1.480	-1.403	1.00	9	1992	0.01	1.07E-12	Middle
848-14	1.412	-1.476	1.00	12	1992	0.01	8.48E-19	Upper
848-17	1.801	-0.581	0.85	15	1985	7.27	9.63E-07	Lower
848-17	1.844	-0.991	0.98	14	1985	0.64	2.80E-12	Middle
848-17	1.688	-1.127	0.96	20	1985	2.05	3.18E-14	Upper
849-01	0.623	0.605	0.81	29	1992	2.41	3.50E-11	Lower
849-01	1.404	-0.480	0.74	26	1992	16.36	1.62E-08	Middle
849-01	1.661	-1.047	0.90	35	1992	9.10	4.47E-18	Upper
849-02	0.901	-0.019	0.98	57	1979	0.74	9.67E-52	Lower
849-02	1.011	-0.397	0.85	57	1976	10.20	2.87E-24	Middle
849-02	1.479	-1.384	0.97	66	1979	4.87	3.58E-49	Upper
849-03	0.840	0.442	0.86	85	1965	8.67	1.20E-37	Lower
849-03	1.593	-0.435	0.82	87	1965	45.29	4.47E-33	Middle
849-03	1.664	-1.105	0.81	90	1965	53.85	2.69E-33	Upper
849-05	1.655	-1.212	1.00	37	1970	0.35	2.23E-48	Lower
849-05	1.577	-1.298	0.99	40	1970	1.87	3.63E-38	Middle
849-05	1.391	-1.501	0.97	43	1970	3.56	8.08E-34	Upper
849-06	1.613	-1.257	0.99	18	1972	0.52	8.54E-19	Lower
849-06	1.527	-1.352	1.00	16	1972	0.06	3.57E-22	Middle
849-06	1.349	-1.544	0.99	23	1972	0.54	1.74E-23	Upper
849-07	1.553	-1.322	0.99	45	1968	0.98	8.11E-49	Lower
849-07	1.404	-1.477	0.99	44	1968	1.62	8.87E-41	Middle
849-07	1.274	-1.619	0.98	51	1968	2.02	1.27E-44	Upper
849-08	0.877	0.279	0.93	42	1967	2.79	3.77E-24	Lower
849-08	1.666	-0.765	0.88	45	1967	18.17	2.44E-21	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-08	1.598	-1.133	0.93	47	1967	10.23	5.78E-27	Upper
849-10	1.757	-0.577	0.88	83	1990	31.69	1.19E-39	Lower
849-10	1.871	-0.941	0.97	82	1990	6.87	7.87E-66	Middle
849-10	1.705	-1.121	0.94	97	1991	15.10	8.40E-61	Upper
849-11	0.993	0.087	0.98	119	1985	2.19	1.79E-101	Lower
849-11	1.183	-0.432	0.83	117	1985	30.13	2.60E-46	Middle
849-11	1.554	-1.274	0.94	125	1985	16.18	3.69E-79	Upper
849-13	0.791	0.745	0.87	60	1965	4.80	7.78E-28	Lower
849-13	1.564	-0.226	0.77	58	1965	38.28	1.24E-19	Middle
849-13	1.739	-1.217	0.74	65	1965	61.80	5.26E-20	Upper
849-14	0.565	1.005	0.86	29	1962	1.33	4.75E-13	Lower
849-14	0.794	0.621	0.67	30	1962	8.47	3.74E-08	Middle
849-14	1.672	-0.394	0.73	35	1962	32.75	6.65E-11	Upper
849-15	1.138	-0.522	0.84	32	1976	8.72	1.13E-13	Lower
849-15	1.531	-1.347	0.99	28	1976	1.04	2.86E-26	Middle
849-15	1.409	-1.459	0.96	41	1976	3.55	8.08E-29	Upper
849-16	0.852	0.681	0.83	136	1981	13.97	3.66E-53	Lower
849-16	2.077	-0.404	0.89	137	1981	52.05	1.76E-65	Middle
849-16	1.711	-1.400	0.75	144	1981	101.40	1.81E-44	Upper
849-18	1.004	-0.230	0.82	109	1976	27.58	5.05E-42	Lower
849-18	1.550	-1.282	0.96	111	1976	13.96	5.64E-76	Middle
849-18	1.389	-1.467	0.94	120	1959	17.51	1.53E-72	Upper
849-20	1.443	-0.443	0.87	43	1983	14.15	1.31E-19	Lower
849-20	1.796	-1.049	0.98	45	1983	3.02	1.53E-38	Middle
849-20	1.672	-1.207	0.96	49	1983	5.28	2.63E-35	Upper
849-24	1.340	-1.044	0.91	17	1956	4.12	3.66E-09	Lower
849-24	1.447	-1.430	0.97	17	1956	1.25	2.46E-13	Middle
849-24	1.298	-1.593	0.96	23	1956	2.16	7.01E-16	Upper
849-26	2.260	-1.225	0.66	36	1986	53.97	1.76E-09	Lower
849-26	2.120	-1.349	0.66	39	1986	53.67	4.31E-10	Middle
849-26	1.920	-1.519	0.66	41	1986	43.66	8.79E-11	Upper
849-27	1.697	-1.171	0.99	19	1983	0.82	3.43E-18	Lower
849-27	1.575	-1.297	0.99	15	1983	0.68	1.04E-13	Middle
849-27	1.405	-1.480	0.99	23	1983	0.77	1.73E-21	Upper
849-28	1.612	-1.258	0.99	30	1965	0.69	1.14E-32	Lower
849-28	1.501	-1.379	0.99	29	1965	1.45	2.54E-26	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-28	1.339	-1.551	0.98	35	1965	2.03	6.69E-29	Upper
849-29	1.814	-0.959	0.97	108	1991	11.19	7.86E-84	Lower
849-29	1.731	-1.045	0.96	106	1991	15.18	6.31E-74	Middle
849-29	1.567	-1.206	0.93	117	1974	21.90	4.13E-69	Upper
849-30	0.862	-0.065	0.98	21	1972	0.43	1.83E-17	Lower
849-30	0.735	-0.189	0.90	23	1972	1.72	6.39E-12	Middle
849-30	0.954	-0.802	0.74	27	1972	10.72	9.96E-09	Upper
849-31	1.723	-1.690	0.58	58	1993	87.74	3.09E-12	Lower
849-31	1.550	-1.782	0.59	56	1993	68.41	3.86E-12	Middle
849-31	1.476	-1.886	0.60	63	1993	63.96	6.63E-14	Upper
849-34	0.972	0.125	0.95	45	1986	1.87	9.74E-30	Lower
849-34	0.899	-0.005	0.92	45	1986	3.04	1.05E-24	Middle
849-34	1.154	-0.611	0.74	51	1986	19.44	4.30E-16	Upper
849-38	1.304	-0.349	0.85	72	1985	24.47	1.59E-30	Lower
849-38	1.686	-1.167	0.99	69	1985	3.12	5.31E-64	Middle
849-38	1.505	-1.347	0.96	78	1985	7.41	2.36E-56	Upper
849-40	0.872	0.266	0.96	17	1984	0.51	7.74E-12	Lower
849-40	0.795	0.193	0.92	18	1984	0.67	2.21E-10	Middle
849-40	0.967	-0.266	0.79	23	1984	5.15	1.71E-08	Upper
849-41	0.975	0.057	0.95	13	1984	0.63	2.05E-08	Lower
849-41	0.944	0.027	0.96	10	1984	0.28	5.57E-07	Middle
849-41	0.996	-0.402	0.79	19	1984	4.32	3.56E-07	Upper
849-46	1.276	-0.282	0.85	10	1987	2.82	1.30E-04	Lower
849-46	1.717	-1.137	0.98	9	1987	0.42	2.08E-07	Middle
849-46	1.601	-1.250	0.98	16	1987	0.94	1.21E-12	Upper
850-02	2.182	-1.304	0.65	121	1987	187.19	5.04E-29	Lower
850-02	2.065	-1.398	0.66	119	1987	159.94	7.63E-29	Middle
850-02	1.833	-1.578	0.65	126	1987	140.34	8.44E-30	Upper
850-03	0.940	0.019	0.98	46	1971	0.94	1.44E-38	Lower
850-03	0.842	-0.088	0.97	43	1971	1.25	1.69E-31	Middle
850-03	1.399	-1.302	0.94	51	1971	7.06	2.76E-31	Upper
850-04	2.103	-1.414	0.67	67	1993	98.39	3.65E-17	Lower
850-04	1.989	-1.504	0.66	70	1993	94.30	9.77E-18	Middle
850-04	1.797	-1.650	0.66	72	1993	78.67	3.74E-18	Upper
850-05	1.550	-1.184	0.98	66	1965	4.52	1.77E-53	Lower
850-05	1.491	-1.392	0.99	67	1965	0.87	2.17E-75	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
850-05	1.331	-1.564	0.97	72	1965	3.83	2.23E-57	Upper
850-07	1.528	-1.173	0.97	47	1958	4.55	1.19E-35	Lower
850-07	1.511	-1.373	0.99	47	1958	0.93	2.79E-51	Middle
850-07	1.387	-1.507	0.98	52	1958	2.25	7.91E-46	Upper
850-08	1.482	-0.140	0.53	39	1976	47.13	1.37E-07	Lower
850-08	2.188	-1.323	0.66	38	1976	55.46	5.23E-10	Middle
850-08	1.878	-1.566	0.64	44	1976	53.79	6.55E-11	Upper
850-19	1.789	-1.063	1.00	45	1981	0.72	2.03E-52	Lower
850-19	1.700	-1.159	0.99	45	1981	1.26	1.14E-45	Middle
850-19	1.535	-1.340	0.98	50	1981	2.40	1.32E-43	Upper
850-20	1.560	-1.114	0.96	40	1973	4.48	9.51E-29	Lower
850-20	1.486	-1.395	0.99	38	1973	0.79	3.23E-39	Middle
850-20	1.354	-1.534	0.99	46	1973	1.33	9.22E-43	Upper
850-28	1.980	-0.842	0.98	73	1991	4.61	7.50E-65	Lower
850-28	1.875	-0.950	0.97	72	1991	7.48	1.16E-54	Middle
850-28	1.691	-1.152	0.96	78	1991	8.82	1.25E-54	Upper
850-29	0.670	0.480	0.82	66	1967	7.37	1.18E-25	Lower
850-29	1.341	-0.515	0.77	69	1965	42.12	3.74E-23	Middle
850-29	1.480	-1.465	0.79	73	1967	49.65	1.25E-25	Upper
850-31	0.995	0.068	0.98	100	1976	2.09	6.25E-83	Lower
850-31	1.538	-0.894	0.93	99	1976	14.82	3.25E-59	Middle
850-31	1.533	-1.338	0.96	106	1976	10.30	4.55E-73	Upper
851-14	0.886	-0.037	0.99	7	1981	0.08	6.00E-06	Lower
851-14	1.533	-1.338	0.99	5	1981	0.11	4.00E-04	Middle
851-14	1.488	-1.356	0.95	12	1981	1.43	6.75E-08	Upper
852-01	1.599	-1.277	0.99	72	1965	3.04	1.37E-68	Lower
852-01	1.465	-1.420	0.99	69	1965	2.69	3.27E-64	Middle
852-01	1.286	-1.612	0.98	77	1965	3.95	4.22E-63	Upper
852-02	0.735	0.120	0.90	40	1968	3.84	3.06E-20	Lower
852-02	1.424	-1.138	0.88	36	1968	15.67	4.98E-17	Middle
852-02	1.357	-1.586	0.87	48	1968	18.90	4.99E-22	Upper
852-03	1.443	-1.814	0.55	134	1987	179.42	7.30E-25	Middle
852-03	1.287	-1.948	0.55	140	1987	150.28	7.22E-26	Upper
852-04	1.270	-0.890	0.85	42	1965	19.96	3.12E-18	Lower
852-04	1.421	-1.461	0.98	43	1965	3.18	4.55E-36	Middle
852-04	1.277	-1.618	0.98	47	1965	2.67	9.92E-40	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-05	1.510	-1.371	0.99	37	1964	0.81	9.88E-41	Lower
852-05	1.366	-1.526	1.00	38	1964	0.39	2.03E-46	Middle
852-05	1.201	-1.704	1.00	42	1964	0.31	9.67E-52	Upper
852-06	1.291	-0.903	0.90	83	1957	20.42	1.49E-42	Lower
852-06	1.430	-1.451	0.99	83	1957	3.19	7.87E-78	Middle
852-06	1.278	-1.614	0.96	89	1957	7.19	1.01E-64	Upper
852-07	1.970	-0.855	0.99	30	1990	1.37	6.75E-29	Lower
852-07	1.858	-0.969	0.98	30	1990	2.79	5.42E-24	Middle
852-07	1.675	-1.155	0.95	36	1990	5.50	2.42E-23	Upper
852-09	1.996	-0.821	0.99	55	1991	1.46	2.79E-55	Lower
852-09	1.935	-0.889	0.99	54	1991	1.11	1.11E-55	Middle
852-09	1.776	-1.053	0.96	60	1991	4.82	8.35E-44	Upper
852-11	0.898	-0.047	0.55	146	1974	98.13	9.10E-27	Lower
852-11	1.313	-1.383	0.52	145	1974	230.78	7.68E-25	Middle
852-11	1.456	-1.730	0.70	152	1974	138.36	1.96E-41	Upper
852-12	0.976	0.056	0.86	135	1978	20.65	7.83E-58	Lower
852-12	1.587	-1.510	0.72	136	1973	127.81	3.51E-39	Middle
852-12	1.447	-1.703	0.70	145	1978	122.74	1.06E-39	Upper
852-13	0.939	-0.264	0.86	26	1951	5.48	7.30E-12	Lower
852-13	1.441	-1.431	0.96	26	1951	3.46	1.08E-17	Middle
852-13	1.297	-1.591	0.95	32	1951	4.04	3.89E-21	Upper
852-15	1.488	-1.078	0.95	104	1960	11.98	2.57E-70	Lower
852-15	1.454	-1.434	0.99	101	1960	2.20	6.53E-102	Middle
852-15	1.257	-1.646	0.98	110	1960	4.83	1.83E-88	Upper
852-16	0.920	0.387	0.83	30	1972	4.17	2.71E-12	Lower
852-16	1.979	-0.653	0.90	29	1972	10.45	8.03E-15	Middle
852-16	1.772	-0.976	0.92	35	1972	8.55	8.74E-20	Upper
852-17	0.829	-0.090	0.91	13	1972	1.35	4.99E-07	Lower
852-17	0.869	-0.044	0.90	12	1972	1.36	2.36E-06	Middle
852-17	0.821	-0.421	0.68	18	1972	8.04	2.58E-05	Upper
852-19	1.556	-1.319	1.00	24	1972	0.44	5.30E-27	Lower
852-19	1.425	-1.462	0.99	23	1972	0.41	3.74E-25	Middle
852-19	1.294	-1.598	0.99	29	1972	1.10	2.88E-26	Upper
852-20	1.991	-1.514	0.72	16	1994	16.76	3.29E-05	Lower
852-20	1.970	-1.525	0.74	17	1994	15.67	1.07E-05	Middle
852-20	1.762	-1.686	0.75	21	1994	15.22	4.39E-07	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-21	0.990	0.405	0.96	61	1975	2.46	1.03E-42	Lower
852-21	1.886	-0.727	0.96	59	1975	8.31	5.13E-42	Middle
852-21	1.725	-1.089	0.94	70	1991	12.06	7.45E-44	Upper
852-25	1.167	-2.009	0.60	40	1971	32.74	5.55E-09	Upper
852-26	1.183	0.146	0.64	109	1984	68.21	1.13E-25	Lower
852-26	1.721	-1.379	0.66	107	1984	133.53	3.30E-26	Middle
852-26	1.617	-1.502	0.67	117	1984	123.56	1.50E-29	Upper
852-30	0.990	0.152	0.73	70	1963	26.90	7.20E-21	Lower
852-30	1.831	-0.899	0.95	71	1963	13.59	3.71E-46	Middle
852-30	1.661	-1.093	0.95	75	1963	11.57	2.11E-49	Upper
852-32	1.756	-1.104	1.00	5	1974	0.02	8.19E-06	Lower
852-32	1.712	-1.152	1.00	6	1974	0.01	1.91E-08	Middle
852-32	1.582	-1.296	0.99	8	1974	0.17	6.16E-08	Upper
852-36	1.677	-1.191	1.00	18	1974	0.12	1.79E-23	Lower
852-36	1.587	-1.291	1.00	19	1974	0.29	1.04E-21	Middle
852-36	1.475	-1.409	0.99	23	1974	0.89	3.42E-21	Upper
853-01	1.466	-0.717	0.66	173	1958	215.82	5.05E-42	Lower
853-01	1.747	-1.379	0.84	172	1958	112.40	6.06E-70	Middle
853-01	1.592	-1.536	0.84	179	1958	100.42	2.41E-71	Upper
853-02	1.744	-0.867	0.70	225	1967	257.98	8.59E-61	Middle
853-02	1.884	-1.294	0.83	230	1967	145.96	2.71E-90	Upper
853-03	2.230	-1.174	0.77	69	1994	66.74	3.21E-23	Lower
853-03	2.128	-1.411	0.80	67	1994	51.91	4.51E-24	Middle
853-03	1.854	-1.618	0.80	74	1994	42.28	9.38E-27	Upper
853-04	1.328	-0.741	0.90	80	1960	18.24	2.63E-41	Lower
853-04	1.518	-1.363	0.99	79	1960	1.27	2.16E-87	Middle
853-04	1.373	-1.522	0.98	86	1960	4.90	2.63E-69	Upper
853-05	1.521	-1.205	0.97	70	1960	5.35	9.71E-54	Lower
853-05	1.466	-1.416	0.99	70	1960	1.11	2.56E-76	Middle
853-05	1.317	-1.582	0.98	80	1960	3.26	3.43E-66	Upper
853-07	1.671	-1.137	0.97	20	1957	2.44	1.16E-15	Lower
853-07	1.590	-1.262	0.99	22	1957	1.12	8.05E-21	Middle
853-07	1.459	-1.367	0.96	24	1957	3.46	9.53E-17	Upper
853-08	1.013	0.328	0.95	76	1982	4.35	6.55E-49	Lower
853-08	1.351	-0.300	0.85	75	1982	22.72	3.36E-32	Middle
853-08	1.694	-1.130	0.94	82	1982	14.45	7.64E-51	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-09	1.012	0.092	1.00	40	1979	0.03	2.61E-64	Lower
853-09	1.573	-0.730	0.88	39	1979	17.33	1.15E-18	Middle
853-09	1.689	-1.167	0.99	44	1979	2.39	2.67E-40	Upper
853-11	1.622	-1.178	0.97	24	1958	3.36	1.09E-17	Lower
853-11	1.457	-1.363	0.96	24	1958	2.86	1.95E-17	Middle
853-11	1.335	-1.495	0.97	28	1958	2.53	6.12E-21	Upper
853-12	0.833	0.175	0.61	56	1979	23.83	1.48E-12	Lower
853-12	1.576	-1.217	0.67	54	1979	64.85	2.72E-14	Middle
853-12	1.633	-1.584	0.80	62	1979	39.47	1.61E-22	Upper
853-14	1.718	-1.527	0.79	48	1968	45.08	2.82E-17	Middle
853-14	1.685	-1.601	0.80	52	1968	45.60	7.06E-19	Upper
853-15	0.830	0.215	0.90	16	1974	1.32	1.63E-08	Lower
853-15	0.759	0.146	0.81	18	1974	2.92	3.52E-07	Middle
853-15	0.883	-0.416	0.69	21	1974	8.13	3.32E-06	Upper
853-16	0.851	-0.035	0.81	58	1972	13.87	6.52E-22	Lower
853-16	1.540	-1.307	0.95	57	1967	10.34	2.98E-37	Middle
853-16	1.370	-1.488	0.92	67	1967	14.51	1.57E-37	Upper
853-17	1.390	-1.501	1.00	13	1955	0.21	3.72E-14	Lower
853-17	1.309	-1.588	1.00	14	1955	0.08	6.19E-18	Middle
853-17	1.191	-1.715	0.99	17	1955	0.25	4.64E-18	Upper
853-18	0.924	0.239	0.97	54	1974	1.54	1.11E-41	Lower
853-18	0.900	-0.020	0.97	56	1974	1.45	1.92E-43	Middle
853-18	1.108	-0.785	0.80	60	1974	19.98	4.77E-22	Upper
853-19	1.257	-0.879	0.54	29	1954	42.22	6.12E-06	Lower
853-19	1.516	-1.594	0.76	28	1954	23.22	1.82E-09	Middle
853-19	1.404	-1.753	0.72	34	1954	27.77	2.74E-10	Upper
853-20	1.667	-1.178	0.99	122	1984	3.20	9.76E-131	Lower
853-20	1.569	-1.291	0.99	120	1984	3.53	2.17E-123	Middle
853-20	1.405	-1.470	0.97	131	1960	11.21	1.22E-97	Upper
853-22	1.445	-1.440	0.99	82	1951	2.40	2.36E-83	Lower
853-22	1.327	-1.569	1.00	80	1951	1.04	6.74E-92	Middle
853-22	1.187	-1.719	0.99	87	1951	1.79	1.46E-87	Upper
853-26	1.562	-1.094	0.97	86	1966	8.37	1.63E-63	Lower
853-26	1.518	-1.364	0.99	88	1966	1.40	1.26E-97	Middle
853-26	1.354	-1.539	0.98	92	1966	3.63	1.61E-79	Upper
853-27	1.721	-1.133	0.99	28	1977	0.58	9.62E-30	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-27	1.625	-1.240	0.99	27	1977	0.64	4.95E-28	Middle
853-27	1.479	-1.396	0.98	33	1977	1.30	7.86E-29	Upper
853-28	0.783	0.576	0.86	59	1983	4.63	1.16E-25	Lower
853-28	1.609	-0.305	0.71	61	1983	49.60	1.12E-17	Middle
853-28	1.653	-1.147	0.77	63	1983	40.20	4.56E-21	Upper
853-33	1.742	-1.219	0.95	159	1968	27.97	1.35E-107	Lower
853-33	1.655	-1.362	0.96	163	1982	25.76	1.76E-110	Middle
853-33	1.450	-1.557	0.93	168	1968	31.22	1.18E-98	Upper
853-34	1.613	-1.535	0.85	102	1961	65.74	1.21E-42	Lower
853-34	1.573	-1.691	0.88	106	1961	50.85	7.30E-49	Middle
853-34	1.381	-1.835	0.87	111	1961	43.21	2.72E-50	Upper
853-37	1.294	-0.226	0.63	44	1982	45.16	1.13E-10	Lower
853-37	1.587	-1.537	0.72	48	1967	49.86	2.04E-14	Middle
853-37	1.456	-1.624	0.74	56	1967	45.01	2.50E-17	Upper
853-39	2.073	-0.737	0.98	24	1991	1.56	2.85E-21	Lower
853-39	2.006	-0.805	0.97	27	1991	2.77	3.10E-21	Middle
853-39	1.868	-0.943	0.95	28	1991	5.01	3.75E-18	Upper
853-41	1.144	-2.057	0.57	10	1967	8.29	1.15E-02	Upper
854-01	1.194	-0.395	0.59	202	1990	236.11	6.41E-41	Lower
854-01	1.533	-1.660	0.76	205	1962	179.80	4.95E-65	Middle
854-01	1.400	-1.780	0.76	210	1962	156.22	8.33E-66	Upper
854-03	1.848	-1.007	0.99	77	1981	2.91	1.30E-75	Lower
854-03	1.764	-1.098	0.98	76	1981	4.01	4.72E-68	Middle
854-03	1.604	-1.269	0.96	82	1981	8.33	8.32E-59	Upper
854-09	0.852	0.363	0.90	25	1977	2.29	5.00E-13	Lower
854-09	0.926	0.081	0.94	23	1977	1.46	1.42E-14	Middle
854-09	1.554	-1.046	0.93	34	1977	6.08	2.47E-20	Upper
854-12	0.989	0.497	0.96	17	1986	0.59	7.12E-12	Lower
854-12	1.785	-0.301	0.84	15	1986	8.01	1.68E-06	Middle
854-12	1.895	-0.925	0.98	22	1986	1.39	2.43E-18	Upper
854-13	1.231	-0.061	0.69	55	1960	37.18	5.04E-15	Lower
854-13	1.850	-0.925	0.90	58	1960	20.26	4.98E-30	Middle
854-13	1.711	-1.292	0.86	67	1992	30.79	2.92E-29	Upper
854-15	1.603	-1.271	0.99	48	1965	1.16	1.06E-49	Lower
854-15	1.514	-1.366	0.99	46	1965	1.65	2.67E-42	Middle
854-15	1.362	-1.529	0.98	54	1965	2.58	1.56E-44	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-20	0.765	0.194	0.81	10	1970	1.67	4.14E-04	Lower
854-20	1.501	-1.498	0.72	13	1970	12.65	2.60E-04	Middle
854-20	1.381	-1.775	0.73	15	1970	12.49	5.63E-05	Upper
854-21	1.724	-1.019	0.94	6	1970	1.32	1.59E-03	Middle
854-21	1.628	-1.152	0.97	9	1970	0.72	1.88E-06	Upper
854-22	1.750	-1.103	0.98	14	1976	0.90	4.27E-12	Lower
854-22	1.666	-1.190	0.97	16	1976	1.87	5.20E-12	Middle
854-22	1.557	-1.305	0.94	18	1976	3.43	2.97E-11	Upper
854-23	0.918	0.138	0.97	180	1985	5.10	3.30E-134	Lower
854-23	0.901	-0.037	0.93	181	1984	10.65	5.02E-107	Middle
854-23	1.557	-1.230	0.93	195	1979	32.05	7.02E-116	Upper
854-24	1.302	-1.638	0.65	42	1957	48.26	1.13E-10	Lower
854-24	1.224	-2.007	0.73	43	1957	29.16	4.59E-13	Middle
854-24	1.166	-2.027	0.74	47	1957	28.58	9.58E-15	Upper
854-25	0.907	-0.009	0.98	38	1978	0.81	7.15E-31	Lower
854-25	1.411	-1.014	0.92	37	1978	7.56	5.62E-21	Middle
854-25	1.447	-1.386	0.94	49	1966	6.19	1.32E-30	Upper
854-27	1.457	-0.746	0.90	12	1985	2.88	2.91E-06	Lower
854-27	1.591	-1.273	0.98	14	1985	0.61	3.30E-12	Middle
854-27	1.459	-1.402	0.98	18	1985	0.72	6.39E-15	Upper
854-28	1.956	-1.469	0.58	125	1994	173.17	4.48E-25	Middle
854-28	1.850	-1.557	0.60	128	1994	151.28	1.29E-26	Upper
855-09	1.920	-0.928	1.00	121	1989	0.97	1.27E-159	Lower
855-09	1.796	-1.066	1.00	119	1989	1.26	2.36E-146	Middle
855-09	1.596	-1.280	0.98	126	1989	5.38	1.41E-111	Upper
855-15	1.492	-1.912	0.67	8	1994	5.82	1.30E-02	Middle
855-15	1.481	-1.923	0.73	9	1994	5.27	3.25E-03	Upper
856-01	1.541	-1.337	0.99	80	1958	1.64	1.35E-86	Lower
856-01	1.409	-1.479	0.99	77	1958	1.92	4.99E-77	Middle
856-01	1.263	-1.635	0.98	86	1958	2.92	1.46E-76	Upper
856-02	1.455	-1.110	0.84	194	1951	116.92	2.83E-78	Lower
856-02	1.547	-1.520	0.92	196	1951	62.92	6.14E-107	Middle
856-02	1.372	-1.684	0.91	203	1959	56.29	1.48E-106	Upper
856-06	1.528	-1.353	0.99	26	1962	0.71	1.57E-26	Lower
856-06	1.445	-1.444	0.99	27	1962	0.82	2.77E-26	Middle
856-06	1.308	-1.591	0.99	32	1962	0.75	1.75E-31	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
856-07	1.450	-0.936	0.93	161	1965	27.30	1.32E-94	Lower
856-07	1.560	-1.315	0.99	160	1965	4.36	7.42E-160	Middle
856-07	1.390	-1.492	0.96	167	1965	13.35	1.18E-120	Upper
856-08	1.378	-0.845	0.91	100	1964	20.93	8.53E-54	Lower
856-08	1.552	-1.325	0.99	99	1964	2.01	3.95E-105	Middle
856-08	1.422	-1.464	0.98	106	1964	5.15	1.34E-89	Upper
857-02	1.519	-1.351	0.99	42	1966	1.72	3.49E-39	Lower
857-02	1.406	-1.471	0.98	41	1966	2.92	6.63E-33	Middle
857-02	1.297	-1.586	0.96	48	1966	4.49	2.20E-33	Upper
857-03	1.551	-1.319	0.99	29	1963	0.56	1.03E-30	Lower
857-03	1.460	-1.416	0.99	28	1963	0.90	7.65E-27	Middle
857-03	1.313	-1.575	0.97	35	1963	1.82	1.08E-27	Upper
857-04	1.804	-1.045	1.00	18	1986	0.33	6.48E-20	Lower
857-04	1.624	-1.234	0.99	22	1986	0.75	7.18E-21	Middle
857-04	1.471	-1.401	0.98	23	1986	0.90	3.16E-20	Upper
857-05	0.888	-0.040	0.98	56	1976	0.81	1.48E-49	Lower
857-05	0.868	-0.208	0.88	56	1976	6.25	1.86E-26	Middle
857-05	1.424	-1.440	0.95	62	1976	6.49	1.30E-41	Upper
857-06	1.539	-0.959	0.93	50	1976	13.91	5.24E-29	Lower
857-06	1.584	-1.290	0.99	52	1976	1.41	2.44E-55	Middle
857-06	1.405	-1.481	0.98	56	1976	3.07	1.95E-48	Upper
857-08	0.920	0.006	0.95	34	1965	1.60	8.96E-23	Lower
857-08	0.826	-0.090	0.91	36	1965	2.61	2.47E-19	Middle
857-08	1.063	-0.825	0.76	40	1965	15.48	2.15E-13	Upper
857-09	1.619	-1.253	1.00	49	1963	0.66	4.51E-58	Lower
857-09	1.519	-1.357	0.98	47	1963	2.70	3.63E-40	Middle
857-09	1.353	-1.528	0.95	55	1963	6.62	2.69E-36	Upper
857-11	1.438	-0.839	0.92	50	1965	10.03	7.11E-28	Lower
857-11	1.568	-1.298	0.99	55	1965	1.52	1.42E-54	Middle
857-11	1.431	-1.449	0.98	56	1965	2.75	1.10E-46	Upper
857-12	0.863	-0.057	0.96	34	1975	1.62	1.89E-23	Lower
857-12	1.001	-0.569	0.77	31	1975	13.16	7.52E-11	Middle
857-12	1.411	-1.454	0.94	40	1975	6.96	7.21E-25	Upper
857-20	0.908	-0.017	0.95	26	1972	1.28	1.37E-17	Lower
857-20	1.235	-0.664	0.85	25	1972	7.60	4.50E-11	Middle
857-20	1.473	-1.407	0.96	32	1972	3.31	8.83E-23	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-23	1.469	-1.415	1.00	5	1972	0.00	2.66E-07	Lower
857-23	1.409	-1.479	1.00	5	1972	0.00	1.54E-06	Middle
857-23	1.365	-1.524	0.99	9	1972	0.36	7.19E-08	Upper
857-25	0.971	0.215	0.95	111	1986	5.03	8.63E-74	Lower
857-25	0.936	0.043	0.93	111	1986	7.35	1.19E-63	Middle
857-25	1.336	-0.788	0.80	117	1986	48.75	2.95E-42	Upper
857-26	1.561	-1.314	1.00	22	1967	0.32	4.77E-25	Lower
857-26	1.433	-1.453	1.00	23	1967	0.30	2.58E-26	Middle
857-26	1.304	-1.593	0.99	27	1967	0.78	3.37E-25	Upper
857-32	0.980	0.068	0.98	26	1981	0.60	1.31E-21	Lower
857-32	1.728	-1.109	0.98	25	1981	1.24	3.80E-22	Middle
857-32	1.562	-1.289	0.96	32	1981	3.25	7.78E-23	Upper
857-33	1.731	-1.130	1.00	36	1979	0.53	1.60E-43	Lower
857-33	1.583	-1.293	1.00	36	1979	0.52	2.51E-42	Middle
857-33	1.434	-1.454	0.99	42	1979	0.98	1.54E-43	Upper
857-35	1.316	-1.922	0.72	8	1967	6.16	7.49E-03	Upper
857-36	1.528	-1.353	1.00	14	1967	0.23	3.01E-15	Lower
857-36	1.453	-1.433	0.99	15	1967	0.40	5.34E-15	Middle
857-36	1.353	-1.536	0.97	19	1967	1.50	3.06E-14	Upper
857-37	1.852	-0.988	0.99	83	1986	2.16	8.87E-87	Lower
857-37	1.726	-1.125	0.99	84	1986	2.20	4.77E-85	Middle
857-37	1.533	-1.340	0.98	88	1986	4.04	1.92E-74	Upper
857-63	0.993	0.246	0.96	149	1985	5.75	5.23E-103	Lower
857-63	1.515	-0.627	0.89	150	1985	37.13	7.07E-74	Middle
857-63	1.609	-1.220	0.95	155	1985	20.24	7.24E-99	Upper
857-65	1.593	-1.276	0.99	41	1966	0.93	1.34E-43	Lower
857-65	1.468	-1.414	0.99	40	1966	1.01	5.84E-41	Middle
857-65	1.315	-1.580	0.97	47	1966	2.63	2.05E-37	Upper
857-67	1.706	-0.089	0.81	25	1966	12.12	8.04E-10	Lower
857-67	1.812	-1.293	0.63	25	1966	34.95	2.24E-06	Middle
857-67	1.724	-1.416	0.62	29	1966	36.82	3.48E-07	Upper
857-68	2.110	-1.029	0.80	76	1966	69.65	1.04E-27	Lower
857-68	2.042	-1.142	0.80	75	1966	63.75	1.72E-27	Middle
857-68	1.877	-1.282	0.81	82	1966	55.77	1.15E-30	Upper
858-01	0.870	0.459	0.97	85	1991	1.75	2.92E-62	Lower
858-01	0.780	0.379	0.94	85	1991	2.65	1.72E-51	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
858-01	1.340	-0.544	0.73	90	1991	45.72	1.69E-26	Upper
858-02	1.605	-1.265	0.99	41	1967	0.65	3.98E-46	Lower
858-02	1.501	-1.370	0.98	42	1967	1.94	5.73E-36	Middle
858-02	1.346	-1.538	0.96	47	1967	3.74	8.09E-34	Upper
858-05	1.149	-0.019	0.76	79	1977	29.51	1.79E-25	Lower
858-05	1.729	-1.106	0.86	79	1977	33.52	5.88E-35	Middle
858-05	1.427	-1.718	0.70	85	1979	67.16	3.19E-23	Upper
858-08	0.902	-0.028	0.99	31	1973	0.36	5.16E-29	Lower
858-08	0.840	-0.091	0.98	28	1973	0.43	1.22E-23	Middle
858-08	1.413	-1.213	0.93	38	1970	6.14	3.21E-22	Upper
858-11	0.900	0.293	0.95	63	1987	2.36	2.79E-41	Lower
858-11	0.812	0.223	0.87	64	1987	5.62	8.05E-29	Middle
858-11	0.679	0.075	0.67	68	1987	13.42	1.67E-17	Upper
858-12	0.811	0.619	0.92	43	1956	1.84	1.40E-24	Lower
858-12	1.546	-0.111	0.73	43	1956	30.86	3.45E-13	Middle
858-12	2.049	-0.709	0.93	47	1956	11.21	5.30E-28	Upper
859-01	0.811	-0.116	0.95	29	1958	1.08	1.20E-19	Lower
859-01	0.843	-0.409	0.81	28	1958	5.67	6.92E-11	Middle
859-01	1.300	-1.582	0.94	35	1958	4.50	1.44E-21	Upper
859-02	1.580	-1.040	0.96	38	1968	4.42	1.12E-26	Lower
859-02	1.591	-1.277	0.99	37	1968	1.08	4.27E-37	Middle
859-02	1.431	-1.453	0.97	44	1968	3.08	1.95E-33	Upper
859-03	1.969	-0.863	1.00	48	1990	0.85	6.56E-55	Lower
859-03	1.878	-0.959	0.99	47	1990	1.22	1.18E-49	Middle
859-03	1.680	-1.172	0.98	53	1990	2.91	1.26E-44	Upper
859-04	1.225	-0.640	0.87	91	1960	31.84	7.29E-41	Lower
859-04	1.487	-1.391	0.99	91	1960	3.42	5.85E-89	Middle
859-04	1.322	-1.570	0.98	97	1960	6.29	1.04E-78	Upper
859-05	1.204	-0.401	0.89	83	1965	17.36	4.80E-40	Lower
859-05	1.584	-1.285	0.99	81	1965	1.78	1.34E-85	Middle
859-05	1.418	-1.464	0.97	89	1965	5.36	1.09E-70	Upper
859-06	0.796	-0.111	0.91	61	1966	5.89	5.04E-32	Lower
859-06	1.462	-1.408	0.97	61	1966	6.92	4.69E-45	Middle
859-06	1.321	-1.559	0.96	67	1966	7.64	5.57E-46	Upper
859-07	1.780	-1.410	0.66	18	1985	25.16	3.74E-05	Middle
859-07	1.818	-1.443	0.70	24	1985	29.91	3.67E-07	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-08	1.429	-0.612	0.84	183	1992	88.80	3.53E-73	Lower
859-08	1.607	-1.124	0.94	193	1965	40.44	2.56E-116	Middle
859-08	1.424	-1.320	0.91	202	1992	46.05	2.83E-107	Upper
859-11	1.561	-1.286	0.65	57	1992	73.43	4.74E-14	Lower
859-11	1.613	-1.541	0.78	60	1951	41.58	7.08E-21	Middle
859-11	1.450	-1.697	0.78	64	1951	36.40	3.47E-22	Upper
859-12	1.732	-1.128	0.99	53	1970	1.46	1.20E-53	Lower
859-12	1.665	-1.196	0.99	54	1970	1.97	2.79E-51	Middle
859-12	1.541	-1.329	0.96	59	1970	5.66	1.01E-41	Upper
859-13	1.222	-1.902	0.60	35	1961	23.93	4.05E-08	Middle
859-13	1.219	-1.892	0.66	38	1961	22.38	5.78E-10	Upper
859-14	1.603	-1.266	0.99	81	1970	2.53	7.68E-84	Lower
859-14	1.443	-1.441	1.00	81	1970	1.19	2.37E-93	Middle
859-14	1.279	-1.617	0.99	87	1970	1.91	6.79E-88	Upper
859-15	1.654	-0.193	0.75	78	1990	55.61	2.59E-24	Lower
859-15	1.740	-1.390	0.64	77	1990	98.97	1.66E-18	Middle
859-15	1.614	-1.539	0.64	82	1990	93.42	3.38E-19	Upper
859-17	1.125	0.011	0.74	65	1956	31.28	4.92E-20	Lower
859-17	1.642	-1.430	0.74	67	1956	68.00	1.64E-20	Middle
859-17	1.484	-1.655	0.74	71	1956	58.57	5.93E-22	Upper
859-18	0.801	0.813	0.96	16	1981	0.32	3.75E-11	Lower
859-18	1.601	0.318	0.69	17	1981	13.51	3.71E-05	Middle
859-18	2.322	-0.395	0.96	20	1981	3.24	5.03E-14	Upper
859-19	1.493	-0.130	0.71	61	1981	48.72	2.60E-17	Lower
859-19	2.011	-0.828	1.00	61	1981	0.13	9.57E-97	Middle
859-19	1.841	-1.009	0.99	65	1981	1.33	6.21E-70	Upper
859-20	1.446	-1.010	0.92	30	1966	8.52	7.88E-17	Lower
859-20	1.518	-1.357	0.98	28	1966	2.13	2.93E-23	Middle
859-20	1.372	-1.512	0.96	36	1966	4.54	1.03E-24	Upper
859-21	1.944	-1.056	0.79	148	1992	88.41	2.20E-51	Middle
859-21	1.678	-1.331	0.78	153	1994	73.58	7.87E-51	Upper
859-22	1.334	-0.983	0.90	138	1965	40.74	1.04E-69	Lower
859-22	1.433	-1.447	0.99	135	1964	6.26	1.48E-123	Middle
859-22	1.290	-1.601	0.97	147	1965	9.95	2.82E-115	Upper
859-24	0.595	0.851	0.80	26	1991	1.50	6.53E-10	Lower
859-24	0.557	0.689	0.64	27	1991	3.36	5.16E-07	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-24	1.781	-0.870	0.85	32	1991	11.27	4.97E-14	Upper
859-25	0.965	0.256	0.92	110	1973	8.16	1.81E-62	Lower
859-25	1.593	-1.583	0.73	116	1973	106.55	3.91E-34	Upper
860-01	0.857	0.267	0.92	53	1980	3.25	1.12E-29	Lower
860-01	0.873	-0.043	0.92	55	1980	3.64	1.10E-30	Middle
860-01	0.899	-0.469	0.72	58	1980	17.35	3.63E-17	Upper
860-07	1.519	-0.233	0.73	62	1955	48.43	1.47E-18	Lower
860-07	1.956	-0.802	0.94	62	1955	13.04	3.45E-38	Middle
860-07	1.662	-1.083	0.92	67	1955	15.81	4.00E-37	Upper
860-08	0.838	-0.086	0.94	15	1945	0.99	2.22E-09	Lower
860-08	1.256	-1.140	0.89	14	1953	4.33	4.61E-07	Middle
860-08	1.293	-1.592	0.96	23	1953	2.22	6.31E-16	Upper
860-10	0.828	0.620	0.97	4	1953	0.06	1.45E-02	Lower
860-10	2.101	-0.634	0.95	8	1953	1.36	4.60E-05	Upper
861-03	0.867	-0.060	0.97	78	1964	2.24	1.81E-57	Lower
861-03	1.509	-1.364	0.99	75	1964	2.48	7.05E-70	Middle
861-03	1.384	-1.491	0.95	84	1964	8.90	2.17E-55	Upper
861-04	0.539	0.596	0.76	54	1964	5.82	1.12E-17	Lower
861-04	1.358	-0.556	0.73	53	1964	40.29	3.68E-16	Middle
861-04	1.520	-1.504	0.84	60	1964	31.05	1.95E-24	Upper
861-05	1.555	-1.323	0.99	15	1955	0.30	1.89E-15	Lower
861-05	1.458	-1.427	0.99	13	1955	0.34	1.55E-12	Middle
861-05	1.352	-1.540	0.97	21	1955	1.24	2.47E-16	Upper
861-06	1.035	0.209	0.97	47	1981	1.27	6.03E-37	Lower
861-06	0.995	0.077	0.96	47	1981	1.45	2.94E-34	Middle
861-06	1.068	-0.368	0.79	53	1981	14.13	4.15E-19	Upper
861-07	1.623	-1.245	1.00	9	1964	0.06	1.66E-10	Lower
861-07	1.535	-1.328	0.98	8	1964	0.26	1.80E-06	Middle
861-07	1.442	-1.430	0.95	15	1964	1.76	6.23E-10	Upper
861-08	0.880	0.013	0.78	80	1977	21.82	4.42E-27	Lower
861-08	1.568	-1.160	0.94	80	1977	16.19	8.00E-49	Middle
861-08	1.393	-1.495	0.88	88	1977	28.35	5.97E-41	Upper
861-09	1.568	-1.304	0.99	13	1956	0.51	2.37E-12	Lower
861-09	1.479	-1.397	0.98	10	1956	0.67	3.87E-08	Middle
861-09	1.355	-1.531	0.96	19	1956	2.07	2.40E-13	Upper
861-10	1.783	-1.515	0.72	22	1983	26.98	5.40E-07	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
861-10	1.727	-1.456	0.76	22	1983	21.37	1.10E-07	Middle
861-10	1.586	-1.703	0.72	26	1983	25.47	4.41E-08	Upper
861-11	0.950	0.025	0.94	44	1979	2.43	1.17E-27	Lower
861-11	0.910	-0.024	0.87	44	1979	5.21	6.43E-20	Middle
861-11	0.887	-0.213	0.77	50	1979	11.66	7.57E-17	Upper
861-12	0.931	0.485	0.91	114	1993	5.80	9.84E-61	Lower
861-14	1.189	-0.970	0.55	139	1974	203.62	2.57E-25	Lower
861-14	1.630	-1.625	0.85	140	1957	82.64	1.73E-58	Middle
861-14	1.525	-1.710	0.84	148	1957	81.10	4.99E-60	Upper
861-15	1.523	-0.772	0.68	16	1964	16.29	7.60E-05	Lower
861-15	1.551	-1.585	0.60	17	1964	21.74	2.60E-04	Middle
861-15	1.488	-1.630	0.72	22	1964	19.10	6.87E-07	Upper
861-17	1.902	-0.909	0.98	6	1959	0.29	1.18E-04	Middle
861-17	1.348	-1.658	0.56	10	1959	9.20	1.29E-02	Upper
861-18	0.482	0.887	0.69	49	1983	3.95	1.23E-13	Lower
861-18	0.899	0.400	0.78	48	1983	8.67	8.81E-17	Middle
861-18	1.170	-0.362	0.59	55	1983	41.14	1.05E-11	Upper
861-19	1.476	-1.266	0.58	10	1986	12.36	1.00E-02	Lower
861-19	1.656	-1.520	0.69	12	1986	10.34	7.78E-04	Middle
861-19	1.636	-1.510	0.77	15	1986	9.87	1.82E-05	Upper
862-01	0.866	-0.053	0.97	96	1977	2.25	4.38E-72	Lower
862-01	0.761	-0.154	0.93	95	1977	3.92	8.09E-55	Middle
862-01	1.440	-1.421	0.96	102	1977	7.96	1.71E-72	Upper
862-04	1.613	-1.258	0.99	79	1963	1.47	5.52E-90	Lower
862-04	1.531	-1.344	0.99	78	1963	3.28	1.99E-73	Middle
862-04	1.394	-1.494	0.96	85	1963	8.73	4.31E-61	Upper
862-06	0.691	0.597	0.85	59	1960	4.77	2.25E-25	Lower
862-06	0.919	0.144	0.91	61	1960	5.37	4.58E-32	Middle
862-06	1.513	-0.918	0.76	65	1960	45.00	1.81E-21	Upper
862-07	0.522	0.779	0.70	81	1955	9.94	2.99E-22	Lower
862-07	0.786	0.247	0.57	84	1955	40.48	8.24E-17	Middle
862-07	1.554	-0.906	0.77	87	1955	66.01	1.16E-28	Upper
862-09	1.458	-1.469	0.77	117	1959	103.81	6.49E-39	Lower
862-09	1.418	-1.850	0.81	117	1959	76.18	9.67E-44	Middle
862-09	1.286	-1.957	0.82	122	1959	63.63	2.49E-46	Upper
862-11	1.416	-0.974	0.93	43	1962	6.44	5.94E-26	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
862-11	1.537	-1.341	0.99	41	1962	0.57	5.28E-46	Middle
862-11	1.397	-1.490	0.96	49	1962	3.99	4.19E-35	Upper
862-14	1.551	-1.328	0.99	99	1962	2.19	6.58E-107	Lower
862-14	1.441	-1.444	0.99	97	1962	3.85	1.64E-89	Middle
862-14	1.294	-1.603	0.98	105	1962	4.17	3.39E-92	Upper
862-17	1.641	-1.142	0.68	125	1982	146.57	5.04E-32	Middle
862-17	1.678	-1.472	0.79	130	1982	91.03	8.74E-45	Upper
862-21	1.568	-1.309	0.99	153	1957	3.69	4.58E-161	Lower
862-21	1.473	-1.410	0.99	154	1960	5.34	2.54E-145	Middle
862-21	1.326	-1.568	0.97	165	1960	10.00	8.91E-129	Upper
863-01	1.587	-1.288	1.00	10	1958	0.05	5.91E-13	Lower
863-01	1.520	-1.359	0.99	11	1958	0.23	1.81E-11	Middle
863-01	1.391	-1.495	0.98	15	1958	0.81	8.03E-13	Upper
863-02	1.699	-1.197	0.75	124	1951	124.41	4.56E-38	Lower
863-02	1.675	-1.437	0.81	123	1951	83.97	9.67E-46	Middle
863-02	1.558	-1.572	0.81	131	1952	74.74	8.31E-49	Upper
863-06	0.735	0.711	0.82	147	1984	13.40	3.08E-56	Lower
863-06	1.061	0.286	0.92	145	1984	10.30	2.89E-82	Middle
863-06	1.212	-0.418	0.53	153	1984	156.10	2.14E-26	Upper
863-07	1.036	0.367	0.95	111	1990	4.64	3.99E-73	Lower
863-07	1.842	-1.139	0.67	113	1990	140.71	1.53E-28	Middle
863-07	1.643	-1.470	0.64	117	1990	130.97	1.58E-27	Upper
863-08	1.350	-1.845	0.62	27	1976	26.61	1.00E-06	Middle
863-08	1.249	-1.964	0.59	28	1976	26.55	1.86E-06	Upper
863-09	1.072	0.164	0.99	35	1979	0.34	7.54E-37	Lower
863-09	1.423	-0.463	0.79	37	1979	22.42	1.66E-13	Middle
863-09	1.792	-1.070	1.00	40	1979	0.40	3.08E-50	Upper
863-10	1.547	-1.328	1.00	7	1958	0.09	2.47E-07	Lower
863-10	1.423	-1.449	0.96	10	1958	1.07	9.98E-07	Middle
863-10	1.282	-1.608	0.95	13	1958	1.42	1.51E-08	Upper
864-01	1.231	-0.665	0.88	18	1965	4.61	1.18E-08	Lower
864-01	1.550	-1.321	0.99	14	1965	0.58	2.40E-12	Middle
864-01	1.448	-1.422	0.95	24	1965	2.89	5.55E-16	Upper
864-03	1.223	0.684	0.56	49	1994	25.33	4.99E-10	Lower
864-03	1.829	-1.215	0.59	51	1994	53.55	4.19E-11	Middle
864-03	1.518	-1.593	0.56	53	1994	44.80	1.17E-10	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
864-04	0.804	0.101	0.94	40	1987	1.97	2.05E-24	Lower
864-04	1.594	-1.079	0.93	38	1987	8.18	2.11E-22	Middle
864-04	1.508	-1.333	0.97	46	1987	4.13	1.07E-33	Upper
864-06	1.098	-0.228	0.88	101	1977	18.43	2.99E-47	Lower
864-06	1.647	-1.211	0.98	103	1977	6.06	4.05E-88	Middle
864-06	1.490	-1.383	0.96	107	1977	11.32	3.97E-74	Upper
864-07	0.868	0.253	0.96	126	1980	3.78	2.38E-88	Lower
864-07	0.881	-0.025	0.93	125	1980	7.16	1.66E-71	Middle
864-07	0.734	-0.245	0.77	132	1980	19.97	2.19E-43	Upper
864-08	1.524	-0.679	0.90	27	1985	6.02	2.78E-14	Lower
864-08	1.659	-1.207	1.00	27	1985	0.34	7.24E-31	Middle
864-08	1.491	-1.389	0.99	33	1985	0.64	1.07E-32	Upper
864-09	1.292	-0.343	0.86	61	1986	16.45	5.02E-27	Lower
864-09	1.759	-1.077	0.98	62	1986	3.67	8.09E-53	Middle
864-09	1.602	-1.246	0.96	67	1986	7.81	1.03E-45	Upper
864-11	0.911	0.179	0.97	111	1987	2.82	1.73E-82	Lower
864-11	1.605	-0.913	0.93	110	1987	18.66	3.40E-64	Middle
864-11	1.533	-1.310	0.97	117	1987	6.69	3.54E-92	Upper
864-13	1.556	-1.320	1.00	23	1967	0.23	3.26E-28	Lower
864-13	1.440	-1.448	0.99	21	1967	0.64	2.36E-20	Middle
864-13	1.307	-1.586	0.98	29	1967	1.57	9.21E-24	Upper
864-14	1.032	-0.381	0.52	66	1967	83.74	1.05E-11	Lower
864-14	1.645	-1.414	0.83	65	1967	46.09	8.16E-26	Middle
864-14	1.521	-1.683	0.86	72	1967	34.43	1.80E-31	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-07	1.636	-1.421	0.76	8	1995	5.62	4.50E-03	Upper
009-31	1.591	-1.284	0.99	35	1982	1.07	6.62E-34	Lower
009-31	1.519	-1.365	1.00	35	1982	0.27	6.23E-43	Middle
009-31	1.462	-1.436	0.99	41	1982	1.31	1.16E-37	Upper
010-06	1.727	-1.422	0.81	56	1982	33.10	5.39E-21	Upper
012-30	0.629	0.191	0.76	84	1993	6.18	2.92E-27	Lower
012-30	0.510	0.076	0.58	82	1993	8.92	6.90E-17	Middle
018-01	1.706	-1.707	0.70	54	1979	42.82	4.51E-15	Middle
018-01	1.632	-1.767	0.71	59	1979	40.25	4.95E-17	Upper
019-30	1.627	-1.229	0.97	78	1985	6.11	9.27E-61	Lower
019-30	1.555	-1.301	0.97	78	1979	5.24	2.76E-62	Middle
019-30	1.443	-1.413	0.95	84	1979	8.91	6.64E-56	Upper
029-03	1.768	-1.092	1.00	5	1973	0.00	5.98E-49	Middle
029-03	1.506	-1.364	0.99	8	1973	0.31	8.72E-07	Upper
029-04	1.518	-1.358	0.99	198	1979	3.18	1.52E-216	Lower
029-04	1.420	-1.466	1.00	198	1979	1.04	1.99E-257	Middle
029-04	1.315	-1.580	0.99	204	1979	2.11	2.09E-229	Upper
029-06	1.294	-1.602	0.99	31	1961	0.56	1.33E-33	Lower
029-06	1.190	-1.713	0.99	33	1961	0.53	1.66E-35	Middle
029-06	1.151	-1.756	1.00	37	1961	0.27	4.35E-45	Upper
029-07	1.517	-1.789	0.72	72	1980	52.08	9.22E-21	Lower
029-07	1.409	-1.883	0.70	70	1980	45.80	1.91E-19	Middle
029-07	1.332	-1.930	0.73	78	1980	42.92	3.57E-23	Upper
031-09	0.712	-0.146	0.86	28	1989	2.14	8.58E-13	Lower
031-09	1.331	-0.997	0.83	27	1989	9.04	5.40E-11	Middle
031-09	1.459	-1.365	0.96	34	1989	2.77	6.29E-24	Upper
033-01	1.620	-1.696	0.60	18	1994	16.25	1.71E-04	Upper
033-02	0.703	0.329	0.76	14	1994	1.26	4.81E-05	Lower
033-02	1.691	-1.662	0.74	22	1994	15.99	2.97E-07	Upper
035-03	1.755	-1.106	1.00	6	1984	0.00	9.53E-65	Lower
035-03	1.543	-1.319	0.97	7	1984	0.62	5.25E-05	Middle
035-03	1.506	-1.362	0.98	10	1984	0.59	5.67E-08	Upper
038-01	1.569	-1.304	1.00	54	1991	0.41	4.55E-70	Lower
038-01	1.492	-1.391	1.00	53	1991	0.17	5.62E-77	Middle
038-01	1.415	-1.467	0.99	61	1972	1.42	4.05E-62	Upper
038-02	1.681	-1.669	0.83	8	1976	4.80	1.56E-03	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
038-02	1.586	-1.656	0.86	10	1976	4.56	1.05E-04	Upper
039-01	0.857	-0.012	0.94	89	1986	3.65	4.28E-54	Lower
039-01	1.385	-0.668	0.81	90	1986	33.20	7.62E-34	Middle
039-01	1.687	-1.123	0.98	94	1986	5.37	1.60E-76	Upper
040-04	1.489	-0.782	0.83	30	1984	11.91	2.65E-12	Lower
040-04	1.473	-1.566	0.74	27	1984	19.15	9.65E-09	Middle
040-04	1.385	-1.753	0.69	35	1984	26.44	7.31E-10	Upper
041-02	1.417	-1.106	0.81	154	1995	75.43	2.56E-56	Lower
041-02	1.515	-1.564	0.83	154	1984	73.00	1.11E-60	Middle
041-02	1.435	-1.630	0.84	164	1984	65.18	5.93E-66	Upper
041-03	1.574	-1.525	0.74	138	1985	106.52	4.25E-42	Middle
041-03	1.484	-1.612	0.75	149	1989	98.37	4.33E-46	Upper
042-02	1.122	-1.574	0.51	85	1989	114.18	1.71E-14	Lower
042-02	1.328	-1.812	0.71	86	1955	69.13	1.81E-24	Middle
042-02	1.252	-1.890	0.71	94	1989	66.73	1.25E-26	Upper
042-05	1.436	-0.848	0.86	111	1979	38.86	6.47E-49	Lower
042-05	1.625	-1.213	0.97	113	1981	10.77	1.96E-84	Middle
042-05	1.471	-1.372	0.96	124	1985	12.04	3.34E-86	Upper
042-06	1.461	-1.412	0.98	8	1970	0.34	1.35E-06	Lower
042-06	1.409	-1.470	0.99	4	1970	0.08	4.22E-03	Middle
042-06	1.360	-1.522	0.98	12	1970	0.41	1.95E-10	Upper
042-07	1.083	-0.509	0.80	175	1972	60.33	8.64E-63	Lower
042-07	1.527	-1.570	0.86	180	1964	84.13	1.02E-76	Middle
042-07	1.389	-1.681	0.84	194	1970	79.39	1.31E-79	Upper
045-31	0.784	-0.222	0.84	76	1979	10.01	1.01E-30	Lower
045-31	1.472	-1.359	0.96	75	1979	7.19	1.15E-52	Middle
045-31	1.329	-1.509	0.95	88	1977	8.08	2.83E-58	Upper
052-05	0.776	0.084	0.83	42	1972	2.56	9.45E-17	Lower
052-05	1.321	-1.977	0.54	46	1972	34.41	7.62E-09	Upper
052-06	1.265	-1.159	0.62	25	1976	27.63	3.04E-06	Lower
052-06	1.497	-1.654	0.81	24	1976	13.68	1.69E-09	Middle
052-06	1.418	-1.668	0.79	33	1975	18.67	6.73E-12	Upper
052-08	1.436	-0.730	0.72	34	1992	25.87	2.71E-10	Lower
052-08	1.678	-1.161	0.98	36	1992	2.39	2.82E-29	Middle
052-08	1.590	-1.232	0.95	43	1992	5.54	3.46E-28	Upper
052-30	0.489	0.082	0.79	6	1972	0.40	1.87E-02	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-30	1.241	-1.031	0.75	12	1972	6.23	2.99E-04	Upper
053-01	0.643	-0.074	0.75	101	1989	15.04	1.32E-31	Lower
053-01	1.037	-0.858	0.76	107	1989	37.97	1.01E-34	Middle
053-01	1.317	-1.432	0.90	114	1974	22.94	1.84E-57	Upper
053-04	1.546	-1.327	0.99	6	1974	0.14	2.03E-05	Lower
053-04	1.600	-1.270	0.99	4	1974	0.07	2.96E-03	Middle
053-04	1.426	-1.461	0.99	10	1974	0.28	3.74E-09	Upper
053-05	0.821	-0.411	0.51	66	1972	52.48	1.98E-11	Lower
053-05	1.149	-1.136	0.58	67	1972	78.29	8.13E-14	Middle
053-05	1.525	-1.651	0.83	79	1972	40.96	8.14E-32	Upper
053-30	1.225	-1.676	0.99	35	1955	0.63	8.35E-38	Lower
053-30	1.163	-1.743	1.00	35	1955	0.35	3.77E-41	Middle
053-30	1.112	-1.800	1.00	40	1955	0.10	6.85E-58	Upper
056-06	1.810	-1.634	0.74	7	1980	5.25	1.33E-02	Lower
056-06	1.469	-1.921	0.66	8	1980	5.74	1.47E-02	Middle
056-06	1.655	-1.727	0.73	11	1980	6.97	8.07E-04	Upper
058-30	0.968	-0.029	0.71	16	1980	5.37	3.70E-05	Lower
058-30	1.834	-0.884	0.94	17	1980	2.79	9.89E-11	Middle
058-30	1.557	-1.478	0.74	21	1980	15.55	5.51E-07	Upper
059-01	0.645	-0.012	0.76	20	1950	1.59	6.04E-07	Lower
059-01	1.564	-1.811	0.69	25	1950	16.99	2.90E-07	Upper
059-02	1.409	-0.239	0.67	28	1987	16.48	9.69E-08	Lower
059-02	1.741	-1.385	0.74	31	1990	20.48	5.98E-10	Middle
059-02	1.659	-1.434	0.76	34	1987	19.01	1.74E-11	Upper
061-01	1.522	-1.357	1.00	5	1982	0.00	3.62E-08	Lower
061-01	1.395	-1.494	1.00	6	1982	0.01	1.29E-07	Middle
061-01	1.337	-1.556	1.00	8	1982	0.04	1.69E-09	Upper
063-05	1.656	-1.184	0.97	19	1990	1.41	6.38E-15	Lower
063-05	1.596	-1.259	0.99	19	1990	0.65	1.96E-17	Middle
063-05	1.488	-1.367	0.99	25	1990	0.81	1.53E-22	Upper
063-06	0.968	0.045	1.00	4	1990	0.00	9.12E-33	Lower
063-06	1.851	-0.991	0.97	7	1990	0.52	3.63E-05	Upper
065-06	1.673	-1.161	0.99	20	1992	0.64	1.80E-18	Lower
065-06	1.572	-1.282	0.99	21	1992	0.41	3.55E-21	Middle
065-06	1.477	-1.365	0.98	25	1992	0.85	1.59E-21	Upper
066-01	1.682	-1.136	0.97	45	1989	3.82	3.27E-33	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
066-01	1.581	-1.251	0.97	46	1989	3.40	1.45E-34	Middle
066-01	1.492	-1.340	0.96	50	1989	4.19	1.59E-34	Upper
067-09	1.238	-1.811	0.58	10	1990	7.52	1.02E-02	Middle
067-09	1.241	-1.911	0.52	14	1990	13.66	3.70E-03	Upper
090-04	1.413	-1.258	0.58	169	1989	189.67	6.57E-33	Middle
090-04	1.656	-1.512	0.78	174	1989	105.39	7.93E-58	Upper
090-05	0.996	-0.544	0.73	20	1991	6.30	1.42E-06	Lower
090-05	1.562	-1.261	0.97	21	1991	1.57	9.41E-16	Middle
090-05	1.478	-1.314	0.95	26	1991	2.58	7.17E-17	Upper
094-02	0.618	0.127	0.81	70	1994	3.79	1.36E-26	Lower
094-02	1.838	-1.565	0.77	73	1994	47.30	4.74E-24	Middle
094-02	1.712	-1.660	0.77	76	1994	41.32	3.06E-25	Upper
097-01	1.301	-0.951	0.50	28	1990	35.94	2.58E-05	Middle
097-01	1.723	-1.433	0.79	30	1990	18.44	5.25E-11	Upper
098-03	1.223	-2.090	0.55	68	1994	44.67	3.61E-13	Lower
098-03	1.178	-2.124	0.56	68	1994	41.32	2.73E-13	Middle
098-03	1.261	-2.053	0.59	74	1994	46.69	1.19E-15	Upper
100-01	0.746	-0.148	0.89	142	1990	8.66	6.03E-70	Lower
100-01	1.066	-0.713	0.76	143	1982	45.62	1.29E-45	Middle
100-01	1.406	-1.388	0.93	151	1982	19.04	1.27E-89	Upper
100-02	1.539	-1.233	0.70	88	1983	75.22	4.07E-24	Lower
100-02	1.602	-1.538	0.75	84	1983	61.15	1.55E-26	Middle
100-02	1.559	-1.601	0.74	94	1983	66.37	1.22E-28	Upper
100-03	1.608	-1.255	0.98	34	1983	1.64	1.23E-30	Lower
100-03	1.585	-1.280	0.98	31	1983	2.19	2.24E-25	Middle
100-03	1.455	-1.416	0.97	39	1983	2.62	5.68E-31	Upper
101-01	1.207	-0.660	0.71	188	1981	112.58	3.05E-52	Lower
101-01	1.636	-1.457	0.90	189	1981	55.54	6.66E-97	Middle
101-01	1.526	-1.542	0.89	198	1982	58.18	4.12E-95	Upper
101-02	1.013	-2.106	0.55	55	1961	37.72	8.85E-11	Upper
103-01	1.296	-0.787	0.55	38	1979	48.07	1.06E-07	Lower
103-01	1.481	-1.694	0.77	39	1979	21.15	1.64E-13	Middle
103-01	1.390	-1.797	0.80	44	1979	20.29	4.74E-16	Upper
105-01	1.084	-2.161	0.52	61	1994	35.22	5.99E-11	Lower
105-01	1.267	-2.003	0.64	71	1994	42.16	6.50E-17	Upper
105-02	1.451	-1.652	0.67	35	1992	23.47	2.16E-09	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
105-02	1.535	-1.546	0.74	43	1992	25.52	1.65E-13	Upper
105-03	1.601	-1.256	0.99	17	1985	0.67	1.17E-15	Lower
105-03	1.554	-1.294	0.97	18	1985	1.33	6.10E-14	Middle
105-03	1.446	-1.416	0.97	22	1985	1.68	1.46E-16	Upper
106-01	1.012	-0.356	0.71	121	1977	56.44	1.23E-33	Lower
106-01	1.564	-1.363	0.87	121	1977	49.23	1.10E-54	Middle
106-01	1.489	-1.622	0.86	132	1978	50.04	2.37E-58	Upper
106-02	1.448	-1.416	0.64	89	1982	102.06	4.45E-21	Lower
106-02	1.513	-1.702	0.72	89	1982	76.23	6.54E-26	Middle
106-02	1.456	-1.736	0.73	95	1982	71.03	2.12E-28	Upper
107-01	1.492	-1.209	0.72	73	1982	56.91	2.77E-21	Lower
107-01	1.494	-1.685	0.72	73	1982	56.92	2.72E-21	Middle
107-01	1.471	-1.690	0.73	79	1982	55.36	9.51E-24	Upper
107-02	1.557	-1.336	0.75	117	1982	85.71	9.71E-37	Lower
107-02	1.604	-1.610	0.81	116	1982	62.03	1.52E-43	Middle
107-02	1.574	-1.621	0.82	123	1982	62.31	1.61E-46	Upper
108-01	1.393	-1.589	0.69	56	1978	51.58	1.74E-15	Lower
108-01	1.413	-1.792	0.75	54	1978	38.81	2.31E-17	Middle
108-01	1.367	-1.852	0.74	60	1978	42.78	1.67E-18	Upper
109-01	1.091	-2.015	0.51	52	1989	41.55	2.62E-09	Upper
109-03	1.645	-1.435	0.62	135	1991	158.02	1.76E-29	Upper
110-01	1.392	-1.200	0.61	96	1987	101.48	5.91E-21	Middle
110-01	1.653	-1.528	0.82	102	1987	51.86	6.20E-39	Upper
110-02	1.451	-1.068	0.91	53	1989	11.05	2.90E-28	Lower
110-02	1.526	-1.332	0.99	55	1989	1.62	9.20E-52	Middle
110-02	1.446	-1.418	0.99	58	1989	1.71	2.47E-53	Upper
111-01	1.482	-1.513	0.57	81	1991	88.50	5.30E-16	Lower
111-01	1.555	-1.813	0.70	82	1991	54.89	1.16E-22	Middle
111-01	1.533	-1.843	0.71	86	1991	54.05	3.37E-24	Upper
111-02	1.155	-0.765	0.57	130	1980	112.28	2.09E-25	Lower
111-02	1.096	-2.143	0.57	131	1948	105.49	2.87E-25	Middle
111-02	1.110	-2.129	0.59	141	1980	111.42	1.46E-28	Upper
113-01	1.307	-1.086	0.65	69	1956	59.47	5.01E-17	Lower
113-01	1.105	-2.027	0.62	67	1956	46.36	2.56E-15	Middle
113-01	1.060	-2.071	0.62	74	1956	48.32	5.55E-17	Upper
115-01	1.011	-0.638	0.67	169	1960	101.94	2.25E-42	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
115-01	1.301	-1.564	0.78	165	1959	97.29	3.64E-55	Middle
115-01	1.195	-1.916	0.74	177	1960	109.18	6.18E-53	Upper
115-02	1.359	-1.526	0.98	96	1954	4.74	2.44E-82	Lower
115-02	1.291	-1.598	0.97	99	1954	6.71	2.00E-76	Middle
115-02	1.216	-1.678	0.97	102	1954	6.51	4.13E-77	Upper
116-02	1.382	-1.502	0.98	49	1965	2.49	2.43E-43	Lower
116-02	1.301	-1.589	0.98	49	1965	2.64	7.73E-42	Middle
116-02	1.212	-1.687	0.99	54	1965	1.80	2.37E-49	Upper
116-03	1.397	-1.315	0.94	111	1976	15.92	8.07E-67	Lower
116-03	1.366	-1.503	0.97	108	1976	7.16	9.45E-81	Middle
116-03	1.285	-1.597	0.98	117	1976	4.26	4.55E-99	Upper
117-04	1.428	-0.926	0.86	74	1965	33.44	8.76E-33	Lower
117-04	1.511	-1.358	0.99	72	1965	2.00	6.18E-74	Middle
117-04	1.378	-1.500	0.99	80	1965	2.04	1.59E-80	Upper
118-02	1.420	-1.242	0.93	73	1973	13.02	8.80E-43	Lower
118-02	1.443	-1.427	0.97	75	1973	5.52	4.82E-58	Middle
118-02	1.361	-1.511	0.96	79	1973	7.83	5.90E-54	Upper
118-03	1.557	-1.290	0.97	104	1984	6.39	3.46E-83	Lower
118-03	1.465	-1.386	0.97	104	1984	7.41	2.32E-77	Middle
118-03	1.376	-1.488	0.98	110	1984	4.95	3.51E-89	Upper
119-01	1.324	-1.568	0.99	60	1964	1.39	1.01E-61	Lower
119-01	1.232	-1.665	0.99	62	1964	1.34	6.62E-63	Middle
119-01	1.182	-1.721	0.99	66	1964	0.86	1.86E-72	Upper
119-02	1.274	-1.622	0.99	74	1955	1.70	3.20E-77	Lower
119-02	1.187	-1.716	0.99	73	1955	1.20	3.36E-79	Middle
119-02	1.124	-1.786	1.00	80	1955	0.28	9.65E-111	Upper
120-01	1.553	-0.983	0.92	107	1986	20.92	1.99E-58	Lower
120-01	1.584	-1.242	0.96	105	1986	10.36	9.60E-73	Middle
120-01	1.461	-1.375	0.95	113	1986	10.16	3.12E-76	Upper
121-01	0.717	-0.099	0.79	133	1991	13.13	1.64E-46	Lower
121-01	0.651	-0.185	0.74	133	1991	14.70	2.44E-40	Middle
121-01	0.613	-0.279	0.65	144	1990	21.00	5.62E-34	Upper
121-02	1.410	-1.443	0.98	44	1956	1.96	1.80E-38	Lower
121-02	1.346	-1.510	0.98	45	1956	2.64	1.66E-36	Middle
121-02	1.260	-1.588	0.96	55	1975	4.49	6.89E-38	Upper
123-01	1.442	-1.280	0.94	100	1981	14.69	4.37E-63	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
123-01	1.376	-1.491	0.97	102	1977	6.30	2.79E-80	Middle
123-01	1.295	-1.584	0.98	111	1981	3.67	2.86E-98	Upper
123-02	1.590	-1.284	1.00	7	1981	0.02	7.14E-09	Lower
123-02	1.491	-1.391	1.00	8	1981	0.03	7.95E-10	Middle
123-02	1.402	-1.483	1.00	11	1981	0.13	8.58E-12	Upper
123-03	1.448	-1.314	0.95	106	1981	10.11	1.54E-70	Lower
123-03	1.413	-1.435	0.96	104	1981	7.35	4.14E-74	Middle
123-03	1.325	-1.546	0.98	112	1981	3.68	7.34E-95	Upper
123-04	1.342	-1.969	0.53	10	1976	8.16	1.65E-02	Lower
123-04	1.281	-2.059	0.61	10	1976	6.31	8.06E-03	Middle
123-04	1.462	-1.872	0.62	14	1976	10.58	8.60E-04	Upper
125-03	1.072	-0.676	0.64	238	1982	164.70	6.53E-54	Lower
125-03	1.525	-1.577	0.84	239	1982	114.08	8.39E-96	Middle
125-03	1.430	-1.646	0.82	251	1982	117.52	2.47E-94	Upper
126-02	1.463	-1.276	0.95	158	1979	15.91	5.17E-106	Lower
126-02	1.436	-1.416	0.97	159	1979	11.14	3.52E-117	Middle
126-02	1.344	-1.514	0.95	164	1979	14.62	3.37E-108	Upper
126-03	1.495	-1.663	0.67	110	1990	76.68	1.56E-27	Middle
126-03	1.442	-1.707	0.69	114	1990	69.21	3.83E-30	Upper
127-03	0.872	-0.049	0.93	36	1982	1.92	3.79E-21	Lower
127-03	1.589	-1.594	0.74	42	1982	32.90	2.12E-13	Upper
127-04	0.820	-0.069	0.94	102	1982	4.16	7.29E-62	Lower
127-04	1.601	-0.984	0.90	101	1982	26.21	5.59E-51	Middle
127-04	1.471	-1.544	0.74	108	1982	74.80	1.13E-32	Upper
127-05	1.145	-0.906	0.82	165	1977	55.84	5.14E-62	Lower
127-05	1.386	-1.483	0.96	166	1977	14.79	1.14E-117	Middle
127-05	1.297	-1.584	0.98	176	1976	8.20	9.59E-143	Upper
128-02	1.421	-1.449	0.96	18	1963	2.25	2.32E-12	Lower
128-02	1.363	-1.513	0.96	15	1963	1.70	3.12E-10	Middle
128-02	1.257	-1.630	0.96	24	1963	1.98	5.18E-17	Upper
128-03	1.607	-1.161	0.86	141	1983	57.06	7.65E-61	Lower
128-03	1.465	-1.658	0.75	140	1983	96.10	7.25E-43	Middle
128-03	1.407	-1.701	0.76	151	1983	89.39	3.76E-48	Upper
130-02	1.036	-0.375	0.74	137	1975	51.50	2.47E-41	Lower
130-02	1.625	-1.128	0.95	139	1975	18.49	2.02E-92	Middle
130-02	1.541	-1.216	0.95	142	1975	18.68	1.92E-91	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
131-01	0.647	-0.010	0.73	143	1992	20.12	3.55E-42	Lower
131-01	1.177	-0.860	0.73	143	1992	64.49	2.57E-42	Middle
131-01	1.381	-1.305	0.88	156	1981	36.48	2.02E-72	Upper
131-04	1.182	-0.519	0.78	66	1977	23.41	5.70E-23	Lower
131-04	1.594	-1.208	0.90	66	1977	17.49	1.69E-33	Middle
131-04	1.523	-1.646	0.77	72	1977	45.46	6.04E-24	Upper
132-07	1.519	-1.586	0.80	60	1968	40.98	1.16E-21	Lower
132-07	1.486	-1.754	0.84	59	1968	28.79	5.32E-24	Middle
132-07	1.445	-1.759	0.85	66	1968	28.78	1.13E-27	Upper
134-02	1.432	-0.586	0.67	54	1979	46.68	3.37E-14	Lower
134-02	1.697	-1.131	0.95	54	1980	6.55	1.95E-36	Middle
134-02	1.619	-1.229	0.98	58	1980	2.29	3.73E-51	Upper
134-03	1.615	-1.240	0.98	63	1982	3.67	7.80E-54	Lower
134-03	1.551	-1.305	0.97	63	1982	5.31	2.37E-48	Middle
134-03	1.441	-1.424	0.97	69	1982	4.56	1.07E-53	Upper
134-04	1.203	-0.470	0.80	122	1985	39.59	3.40E-44	Lower
134-04	1.648	-1.189	0.97	123	1985	10.66	2.79E-91	Middle
134-04	1.550	-1.293	0.96	127	1985	12.61	4.91E-87	Upper
135-01	1.299	-1.594	0.99	67	1959	1.34	1.04E-70	Lower
135-01	1.217	-1.681	0.99	67	1959	1.89	1.26E-63	Middle
135-01	1.151	-1.754	0.99	73	1959	1.07	8.13E-78	Upper
135-02	0.700	-0.101	0.79	75	1985	7.97	2.24E-26	Lower
135-02	1.299	-0.991	0.83	77	1985	21.27	1.51E-30	Middle
135-02	1.436	-1.383	0.94	81	1985	9.34	1.18E-48	Upper
136-01	1.211	-1.942	0.73	111	1964	55.02	1.87E-32	Lower
136-01	1.135	-2.048	0.76	109	1964	39.67	3.25E-35	Middle
136-01	1.073	-2.101	0.76	115	1964	38.68	1.66E-36	Upper
136-02	1.528	-1.569	0.90	124	1964	40.90	4.62E-62	Lower
136-02	1.443	-1.646	0.89	122	1964	37.53	7.21E-60	Middle
136-02	1.368	-1.725	0.89	132	1982	36.61	8.31E-65	Upper
137-01	0.787	-0.102	0.88	194	1987	12.86	3.54E-90	Lower
137-01	0.687	-0.201	0.85	196	1987	12.44	7.11E-82	Middle
137-01	0.818	-0.513	0.68	200	1987	50.04	2.72E-50	Upper
137-02	0.986	-0.385	0.76	116	1978	44.92	5.83E-37	Lower
137-02	1.533	-1.320	0.95	115	1978	17.62	6.22E-76	Middle
137-02	1.393	-1.476	0.96	122	1978	12.85	1.85E-84	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
137-03	1.366	-1.518	0.98	57	1961	4.00	5.43E-47	Lower
137-03	1.274	-1.614	0.97	58	1960	3.93	3.87E-46	Middle
137-03	1.220	-1.674	0.97	68	1960	5.59	8.12E-50	Upper
138-01	1.407	-1.468	0.97	10	1965	0.99	3.83E-07	Lower
138-01	1.340	-1.545	0.97	9	1965	0.75	1.41E-06	Middle
138-01	1.273	-1.613	0.97	15	1965	1.15	6.89E-11	Upper
138-02	1.256	-1.645	1.00	57	1961	0.54	2.08E-69	Lower
138-02	1.191	-1.714	1.00	57	1961	0.18	1.38E-81	Middle
138-02	1.142	-1.767	1.00	62	1961	0.12	1.35E-93	Upper
138-03	1.285	-1.612	0.99	46	1965	0.82	3.81E-50	Lower
138-03	1.203	-1.701	1.00	47	1964	0.28	9.52E-61	Middle
138-03	1.162	-1.745	1.00	56	1964	0.24	2.06E-75	Upper
138-04	1.501	-1.625	0.88	56	1973	20.72	2.06E-26	Lower
138-04	1.492	-1.641	0.88	57	1973	21.00	4.77E-27	Middle
138-04	1.423	-1.705	0.87	63	1973	22.29	3.18E-29	Upper
138-30	1.145	-1.975	0.60	65	1974	33.31	5.14E-14	Middle
138-30	1.176	-1.961	0.65	69	1974	34.14	7.15E-17	Upper
143-01	0.748	-0.147	0.90	109	1987	5.24	4.87E-56	Lower
143-01	0.630	-0.256	0.82	111	1988	7.42	2.43E-42	Middle
143-01	0.659	-0.446	0.64	118	1988	22.79	3.02E-27	Upper
143-02	1.098	-0.633	0.80	102	1983	26.11	6.15E-37	Lower
143-02	1.489	-1.348	0.96	99	1983	6.97	8.05E-72	Middle
143-02	1.403	-1.427	0.93	108	1983	12.99	3.99E-64	Upper
143-04	1.495	-0.842	0.87	119	1979	46.01	9.46E-54	Lower
143-04	1.604	-1.228	0.98	118	1979	5.86	1.95E-105	Middle
143-04	1.501	-1.328	0.97	126	1979	9.40	4.82E-98	Upper
143-05	1.123	-0.502	0.74	76	1979	30.19	1.64E-23	Lower
143-05	1.608	-1.139	0.94	77	1979	11.44	1.01E-47	Middle
143-05	1.474	-1.280	0.94	84	1977	10.93	2.84E-51	Upper
146-01	1.506	-1.374	0.99	26	1978	0.53	7.31E-29	Lower
146-01	1.470	-1.412	0.99	28	1962	0.71	1.18E-29	Middle
146-01	1.385	-1.490	0.97	31	1962	2.54	1.24E-24	Upper
149-01	1.440	-1.668	0.77	30	1973	20.58	1.90E-10	Lower
149-01	1.379	-1.820	0.74	28	1973	20.92	5.50E-09	Middle
149-01	1.378	-1.804	0.75	36	1973	24.34	7.87E-12	Upper
149-02	1.429	-1.374	0.95	34	1982	4.30	9.47E-23	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
149-02	1.376	-1.441	0.95	33	1982	3.56	2.25E-22	Middle
149-02	1.262	-1.520	0.92	45	1982	7.48	5.85E-25	Upper
149-04	0.796	0.149	0.92	199	1986	8.76	1.18E-109	Lower
149-04	1.702	-1.442	0.80	210	1986	121.90	6.30E-74	Upper
149-30	1.242	-1.658	0.99	12	1943	0.31	1.72E-11	Lower
149-30	1.134	-1.775	1.00	12	1943	0.09	4.50E-14	Middle
149-30	1.100	-1.810	0.99	18	1943	0.44	1.14E-16	Upper
150-02	1.040	-0.472	0.77	54	1988	17.25	1.94E-18	Lower
150-02	1.592	-1.244	0.97	51	1988	3.35	8.26E-41	Middle
150-02	1.448	-1.382	0.97	64	1976	4.67	6.21E-47	Upper
152-01	1.308	-1.063	0.88	103	1980	24.38	5.06E-48	Lower
152-01	1.420	-1.437	0.97	103	1980	6.89	3.20E-77	Middle
152-01	1.323	-1.548	0.98	109	1980	4.54	5.52E-89	Upper
153-01	1.634	-1.540	0.72	82	1987	77.08	1.20E-23	Middle
153-01	1.544	-1.638	0.71	83	1987	72.96	3.41E-23	Upper
155-03	0.763	-0.113	0.90	139	1988	6.91	2.05E-71	Lower
155-03	0.674	-0.226	0.89	137	1988	5.92	3.17E-67	Middle
155-03	1.362	-1.192	0.87	148	1988	31.99	9.15E-67	Upper
160-01	1.337	-0.871	0.86	30	1979	9.75	1.10E-13	Lower
160-01	1.555	-1.302	0.98	29	1979	1.73	6.65E-24	Middle
160-01	1.460	-1.395	0.96	35	1979	3.47	9.13E-25	Upper
160-02	1.466	-1.172	0.93	86	1977	13.02	5.05E-51	Lower
160-02	1.445	-1.411	0.97	89	1977	6.41	3.42E-65	Middle
160-02	1.330	-1.534	0.96	92	1977	6.37	2.63E-65	Upper
161-09	0.665	0.228	0.85	26	1983	1.86	2.13E-11	Lower
161-09	1.004	-0.284	0.67	26	1983	12.99	3.49E-07	Middle
161-09	1.481	-1.335	0.77	32	1983	19.27	3.50E-11	Upper
162-01	1.154	-0.753	0.78	54	1991	23.66	5.70E-19	Lower
162-01	1.463	-1.351	0.95	56	1974	7.09	1.27E-37	Middle
162-01	1.395	-1.392	0.93	63	1991	9.71	6.57E-38	Upper
163-01	1.407	-1.468	0.96	102	1958	10.37	6.07E-73	Lower
163-01	1.326	-1.557	0.97	101	1958	8.03	1.51E-75	Middle
163-01	1.238	-1.651	0.97	108	1958	7.38	4.00E-80	Upper
163-02	1.436	-1.794	0.91	68	1953	20.74	1.53E-36	Lower
163-02	1.349	-1.877	0.90	70	1953	20.30	2.78E-36	Middle
163-02	1.270	-1.908	0.89	76	1953	21.89	1.80E-37	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
164-02	1.122	-0.678	0.80	189	1981	62.08	1.02E-67	Lower
164-02	1.500	-1.347	0.97	184	1981	15.89	1.10E-134	Middle
164-02	1.404	-1.440	0.96	204	1980	18.50	1.04E-139	Upper
164-03	0.739	-0.057	0.86	111	1986	8.16	9.87E-49	Lower
164-03	1.236	-0.838	0.82	107	1986	29.06	1.75E-41	Middle
164-03	1.452	-1.375	0.95	122	1986	11.13	8.01E-80	Upper
164-04	1.498	-1.136	0.93	75	1982	15.37	2.45E-43	Lower
164-04	1.481	-1.383	0.98	80	1988	4.63	8.26E-66	Middle
164-04	1.373	-1.499	0.98	85	1982	2.92	3.23E-76	Upper
165-01	1.544	-1.636	0.71	97	1985	88.12	6.05E-27	Lower
165-01	1.461	-1.708	0.71	93	1983	74.81	4.04E-26	Middle
165-01	1.372	-1.785	0.71	104	1983	73.42	6.76E-29	Upper
165-02	1.325	-1.173	0.75	94	1983	64.67	3.93E-29	Lower
165-02	1.454	-1.582	0.86	92	1983	37.88	7.01E-40	Middle
165-02	1.377	-1.679	0.84	105	1976	40.60	1.78E-43	Upper
165-03	1.369	-1.519	0.99	37	1973	1.39	1.47E-34	Lower
165-03	1.323	-1.569	0.99	36	1973	1.08	1.09E-34	Middle
165-03	1.257	-1.641	0.99	42	1973	0.52	2.23E-47	Upper
166-03	1.545	-1.221	0.74	150	1991	114.33	2.24E-45	Lower
166-03	1.540	-1.534	0.79	149	1991	85.56	6.78E-52	Middle
166-03	1.450	-1.630	0.78	158	1985	84.19	2.38E-53	Upper
166-04	1.288	-1.609	0.99	55	1954	1.12	2.97E-58	Lower
166-04	1.188	-1.716	0.99	52	1954	1.01	8.03E-54	Middle
166-04	1.122	-1.787	1.00	61	1954	0.61	5.53E-70	Upper
167-04	1.030	-0.959	0.78	114	1979	52.27	3.16E-38	Lower
167-04	1.267	-1.512	0.93	107	1958	19.48	4.61E-63	Middle
167-04	1.191	-1.561	0.91	124	1958	24.21	1.15E-66	Upper
168-01	1.619	-0.983	0.86	115	1983	48.18	1.23E-50	Lower
168-01	1.630	-1.252	0.96	113	1983	11.82	1.20E-80	Middle
168-01	1.503	-1.388	0.94	123	1985	16.81	1.64E-77	Upper
168-02	1.593	-1.418	0.71	165	1984	150.41	5.34E-46	Lower
168-02	1.551	-1.633	0.73	166	1984	131.66	2.51E-48	Middle
168-02	1.444	-1.716	0.73	171	1984	115.39	3.46E-50	Upper
171-04	1.354	-1.537	0.99	37	1952	0.89	1.16E-37	Lower
171-04	1.276	-1.621	0.99	33	1960	0.64	1.25E-34	Middle
171-04	1.216	-1.686	0.99	46	1960	1.32	1.13E-42	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
172-30	0.877	-0.411	0.67	70	1970	31.49	6.55E-18	Lower
172-30	1.444	-1.269	0.88	72	1970	23.14	1.88E-34	Middle
172-30	1.172	-2.031	0.76	75	1970	39.89	5.37E-24	Upper
175-01	1.481	-1.402	1.00	17	1963	0.04	1.02E-25	Lower
175-01	1.399	-1.489	0.99	18	1963	0.54	1.25E-17	Middle
175-01	1.287	-1.610	0.99	22	1963	0.56	7.71E-22	Upper
175-02	1.326	-0.826	0.67	185	1994	123.03	1.40E-45	Middle
175-02	1.577	-1.595	0.77	193	1976	106.10	2.66E-63	Upper
176-01	1.332	-1.683	0.93	126	1955	26.64	4.96E-73	Lower
176-01	1.248	-1.770	0.93	126	1955	22.43	2.62E-74	Middle
176-01	1.188	-1.822	0.92	136	1962	24.72	3.65E-76	Upper
176-03	1.079	-1.254	0.53	17	1960	19.99	8.90E-04	Lower
176-03	1.259	-1.857	0.85	16	1960	5.56	4.27E-07	Middle
176-03	1.259	-1.893	0.81	23	1960	10.06	6.01E-09	Upper
178-01	0.718	-0.067	0.84	213	1991	20.81	6.62E-85	Lower
178-01	1.426	-1.085	0.87	211	1985	61.11	1.24E-95	Middle
178-01	1.399	-1.349	0.91	228	1974	40.52	2.06E-121	Upper
179-01	1.716	-1.147	0.99	29	1976	0.13	5.24E-31	Lower
179-01	1.589	-1.286	1.00	28	1976	0.00		Middle
179-01	1.587	-1.287	1.00	32	1976	0.03	2.87E-46	Upper
180-01	0.882	-0.110	0.85	215	1979	27.04	2.22E-89	Lower
180-01	1.646	-1.550	0.77	221	1979	163.58	2.14E-71	Upper
181-01	1.323	-1.572	0.99	62	1965	1.10	1.87E-68	Lower
181-01	1.244	-1.657	1.00	58	1965	0.38	1.37E-74	Middle
181-01	1.182	-1.724	1.00	67	1965	0.23	5.30E-94	Upper
182-01	0.795	-0.021	0.87	184	1994	20.99	1.52E-82	Lower
182-01	1.326	-0.837	0.82	180	1977	81.78	4.99E-69	Middle
182-01	1.462	-1.406	0.94	200	1976	32.35	2.76E-122	Upper
183-02	1.475	-1.571	0.85	14	1953	6.61	2.84E-06	Lower
183-02	1.410	-1.785	0.85	15	1953	6.83	1.19E-06	Middle
183-02	1.344	-1.691	0.82	20	1953	9.20	4.21E-08	Upper
184-01	1.570	-1.224	0.73	153	1982	121.54	3.20E-45	Lower
184-01	1.636	-1.560	0.83	151	1982	76.61	1.53E-58	Middle
184-01	1.541	-1.641	0.81	159	1982	76.14	2.78E-59	Upper
185-02	0.919	-0.241	0.54	62	1985	37.72	1.04E-11	Lower
185-02	1.785	-1.447	0.83	65	1985	36.04	8.29E-26	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
185-02	1.738	-1.471	0.83	68	1985	34.81	3.82E-27	Upper
185-03	1.333	-0.765	0.61	211	1985	198.06	2.32E-44	Lower
185-03	1.765	-1.432	0.83	209	1985	107.38	2.75E-82	Middle
185-03	1.709	-1.489	0.83	217	1985	108.43	1.04E-83	Upper
186-01	0.780	-0.113	0.92	127	1986	6.53	6.67E-69	Lower
186-01	1.354	-0.900	0.85	129	1986	39.10	1.57E-53	Middle
186-01	1.528	-1.257	0.95	136	1981	16.44	2.17E-86	Upper
186-04	0.810	-0.054	0.86	116	1983	12.12	3.71E-51	Lower
186-04	0.755	-0.151	0.85	116	1983	12.21	2.15E-48	Middle
186-04	1.188	-0.884	0.78	125	1983	49.99	5.70E-42	Upper
186-30	0.952	-0.477	0.75	97	1980	30.90	9.20E-31	Lower
186-30	1.486	-1.363	0.96	97	1980	10.68	1.21E-66	Middle
186-30	1.380	-1.483	0.96	103	1980	7.67	3.73E-75	Upper
188-01	0.753	-0.139	0.93	7	1990	0.26	4.47E-04	Lower
188-01	0.679	-0.109	0.67	7	1990	0.78	2.50E-02	Middle
188-01	0.881	-0.607	0.64	13	1990	4.27	9.56E-04	Upper
189-01	1.114	-0.374	0.60	228	1981	173.64	1.92E-46	Lower
189-01	1.298	-1.842	0.66	230	1982	182.95	3.10E-55	Middle
189-01	1.229	-1.903	0.66	236	1982	165.13	1.99E-57	Upper
191-01	0.999	0.048	0.78	94	1991	21.39	1.14E-31	Lower
191-01	1.936	-0.894	0.98	92	1991	6.37	1.29E-75	Middle
191-01	1.819	-1.018	0.97	99	1991	7.50	6.10E-77	Upper
191-02	0.829	-0.087	0.96	153	1987	3.59	2.42E-109	Lower
191-02	1.591	-1.586	0.72	158	1987	138.10	2.17E-44	Upper
191-03	1.478	-1.518	0.67	71	1985	74.34	1.88E-18	Lower
191-03	1.508	-1.690	0.72	72	1985	63.22	4.24E-21	Middle
191-03	1.432	-1.758	0.72	77	1975	61.15	1.73E-22	Upper
192-02	0.724	-0.164	0.87	94	1990	6.60	7.47E-42	Lower
192-02	0.717	-0.295	0.71	95	1990	16.73	6.46E-27	Middle
192-02	1.581	-1.199	0.92	100	1990	18.93	3.67E-55	Upper
195-01	1.573	-1.214	0.96	96	1976	12.46	1.17E-68	Lower
195-01	1.500	-1.368	0.98	96	1976	4.82	4.41E-86	Middle
195-01	1.447	-1.417	0.98	100	1976	6.69	1.02E-81	Upper
197-02	1.475	-1.363	0.97	13	1978	1.06	7.10E-10	Lower
197-02	1.430	-1.430	0.97	12	1978	1.03	5.98E-09	Middle
197-02	1.368	-1.418	0.95	23	1992	2.44	7.68E-15	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
197-03	0.538	0.134	0.75	169	1976	10.25	1.31E-51	Lower
197-03	0.783	-0.237	0.70	167	1976	26.61	2.61E-45	Middle
197-03	1.686	-1.424	0.76	178	1992	98.80	4.31E-56	Upper
197-30	0.856	-0.213	0.77	29	1961	5.11	5.11E-10	Lower
197-30	1.719	-1.079	0.96	28	1961	2.82	1.86E-19	Middle
197-30	1.644	-1.172	0.97	33	1961	1.99	1.22E-25	Upper
198-01	1.601	-1.630	0.80	25	1981	15.00	2.11E-09	Lower
198-01	1.633	-1.576	0.83	24	1981	12.85	5.75E-10	Middle
198-01	1.440	-1.788	0.80	29	1981	14.10	6.08E-11	Upper
198-04	0.856	0.078	0.92	139	1991	6.44	1.68E-77	Lower
198-04	1.765	-1.327	0.75	145	1991	109.27	3.05E-45	Upper
202-01	1.743	-1.227	0.74	98	1992	76.46	8.89E-30	Middle
202-01	1.703	-1.392	0.79	106	1992	60.79	9.66E-37	Upper
202-02	0.568	0.152	0.72	43	1995	3.34	6.05E-13	Lower
202-02	0.594	-0.038	0.75	43	1995	3.35	8.28E-14	Middle
202-03	1.439	-1.264	0.94	87	1979	14.36	4.54E-55	Lower
202-03	1.433	-1.419	0.97	82	1979	6.67	1.67E-63	Middle
202-03	1.311	-1.543	0.97	96	1979	7.67	8.14E-71	Upper
203-03	0.999	-0.355	0.57	16	1980	12.95	7.43E-04	Lower
203-03	1.478	-1.780	0.69	16	1980	15.61	6.95E-05	Middle
203-03	1.414	-1.793	0.75	20	1980	14.15	8.57E-07	Upper
205-01	0.820	-0.589	0.66	90	1987	42.82	1.86E-22	Lower
205-01	1.359	-1.449	0.93	95	1958	19.02	9.23E-55	Middle
205-01	1.302	-1.505	0.92	102	1958	19.87	2.23E-57	Upper
205-03	0.782	-0.125	0.95	14	1988	0.35	3.87E-09	Lower
205-03	0.694	-0.201	0.86	11	1988	0.61	3.96E-05	Middle
205-03	0.837	-0.521	0.69	20	1988	4.74	6.57E-06	Upper
207-03	1.193	-1.627	0.55	64	1956	66.90	1.98E-12	Lower
207-03	1.061	-2.118	0.58	64	1956	44.73	2.93E-13	Middle
207-03	1.064	-2.086	0.62	70	1956	45.02	6.80E-16	Upper
207-04	0.786	-0.115	0.94	46	1956	1.34	8.69E-28	Lower
207-04	1.821	-0.974	0.97	46	1956	2.92	6.59E-36	Middle
207-04	1.702	-1.098	0.97	50	1956	3.22	1.23E-37	Upper
207-05	1.629	-1.222	0.98	14	1982	0.73	8.83E-12	Lower
207-05	1.568	-1.288	0.98	15	1982	0.75	8.26E-13	Middle
207-05	1.434	-1.427	0.97	20	1982	1.20	2.72E-15	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
208-02	0.897	-0.142	0.85	89	1980	15.45	1.18E-37	Lower
208-02	1.648	-1.198	0.96	90	1980	13.41	3.42E-62	Middle
208-02	1.530	-1.329	0.96	95	1980	11.25	9.05E-67	Upper
209-01	1.669	-1.151	0.96	28	1990	3.24	1.45E-19	Lower
209-01	1.530	-1.313	0.97	28	1990	1.89	1.20E-21	Middle
209-01	1.470	-1.383	0.98	33	1990	1.37	5.44E-28	Upper
209-02	1.618	-1.235	0.98	38	1986	2.51	8.35E-32	Lower
209-02	1.516	-1.341	0.98	38	1986	2.26	9.73E-32	Middle
209-02	1.420	-1.440	0.98	45	1979	1.77	8.35E-40	Upper
209-03	1.737	-1.047	0.97	65	1986	5.50	6.91E-51	Lower
209-03	1.707	-1.136	0.98	69	1986	3.63	3.38E-60	Middle
209-03	1.653	-1.193	0.98	70	1986	4.44	2.46E-57	Upper
210-03	0.510	0.342	0.63	73	1994	5.64	4.42E-17	Lower
210-04	0.976	-0.217	0.78	64	1990	14.01	5.38E-22	Lower
210-04	1.680	-1.112	0.94	62	1990	8.38	2.49E-39	Middle
210-04	1.598	-1.212	0.95	70	1990	6.99	5.02E-47	Upper
211-01	1.755	-1.105	1.00	47	1979	0.39	2.42E-61	Lower
211-01	1.659	-1.204	1.00	48	1979	0.32	8.74E-64	Middle
211-01	1.527	-1.340	0.99	52	1979	1.33	9.27E-53	Upper
211-04	1.019	-0.706	0.66	84	1992	44.46	6.97E-21	Lower
211-04	1.465	-1.354	0.89	83	1983	21.14	1.34E-40	Middle
211-04	1.423	-1.466	0.88	100	1983	24.73	2.54E-47	Upper
211-05	1.472	-1.601	0.80	6	1978	2.51	1.55E-02	Lower
211-05	1.364	-1.919	0.69	6	1978	3.78	4.09E-02	Middle
211-05	1.445	-1.719	0.80	9	1978	4.36	1.20E-03	Upper
211-30	1.480	-0.965	0.61	78	1985	81.09	5.12E-17	Lower
211-30	1.557	-1.584	0.75	79	1978	49.70	7.56E-25	Middle
211-30	1.452	-1.689	0.74	85	1985	48.12	6.37E-26	Upper
211-31	0.639	0.034	0.79	59	1995	4.03	9.25E-21	Lower
211-31	0.660	-0.177	0.87	56	1995	2.22	1.80E-25	Middle
211-31	1.008	-0.766	0.51	64	1995	38.31	3.41E-11	Upper
212-01	1.380	-1.391	0.95	79	1979	9.45	2.31E-53	Lower
212-01	1.329	-1.534	0.97	78	1979	5.75	1.27E-59	Middle
212-01	1.240	-1.620	0.97	94	1960	5.90	2.56E-70	Upper
213-01	1.129	-0.739	0.65	43	1987	27.96	5.44E-11	Lower
213-01	1.474	-1.508	0.80	40	1987	21.95	5.99E-15	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
213-01	1.441	-1.596	0.78	51	1957	28.10	1.32E-17	Upper
213-02	1.606	-1.265	0.99	31	1976	1.00	1.83E-31	Lower
213-02	1.555	-1.322	1.00	29	1976	0.07	5.82E-44	Middle
213-02	1.405	-1.472	0.99	36	1976	1.24	4.39E-34	Upper
213-03	1.504	-0.742	0.86	62	1989	22.91	3.44E-27	Lower
213-03	1.686	-1.142	0.97	65	1989	6.64	1.32E-47	Middle
213-03	1.572	-1.263	0.96	68	1989	6.79	5.46E-48	Upper
213-05	1.583	-1.277	0.98	13	1982	0.97	2.42E-10	Lower
213-05	1.560	-1.308	0.98	14	1982	0.90	1.58E-11	Middle
213-05	1.375	-1.504	0.98	18	1982	0.78	3.14E-15	Upper
213-07	1.477	-0.956	0.74	37	1986	22.70	1.22E-11	Lower
213-07	1.138	-1.998	0.61	40	1986	27.76	3.17E-09	Middle
213-07	1.121	-2.032	0.60	42	1986	28.86	1.43E-09	Upper
214-01	0.920	-0.344	0.74	36	1992	8.28	2.09E-11	Lower
214-01	1.640	-1.097	0.92	35	1992	5.59	4.39E-20	Middle
214-01	1.563	-1.223	0.96	42	1992	3.40	5.18E-29	Upper
216-02	0.683	-0.173	0.81	34	1987	4.59	6.57E-13	Lower
216-02	1.384	-1.287	0.89	31	1987	9.17	1.91E-15	Middle
216-02	1.385	-1.442	0.95	42	1987	5.27	2.67E-27	Upper
216-03	0.909	-0.667	0.54	11	1976	10.26	9.95E-03	Lower
216-03	1.561	-1.309	0.97	11	1947	1.09	2.17E-08	Middle
216-03	1.433	-1.696	0.90	19	1976	5.61	4.80E-10	Upper
218-01	1.483	-1.400	1.00	21	1979	0.05	2.99E-30	Lower
218-01	1.374	-1.516	1.00	21	1979	0.18	9.08E-25	Middle
218-01	1.314	-1.582	1.00	25	1979	0.06	1.95E-35	Upper
218-30	1.454	-1.111	0.91	25	1982	5.52	1.46E-13	Lower
218-30	1.563	-1.284	0.97	24	1982	1.74	8.11E-19	Middle
218-30	1.426	-1.421	0.95	31	1982	3.23	1.08E-20	Upper
219-05	1.782	-1.077	1.00	6	1985	0.00	6.03E-64	Middle
219-05	1.470	-1.414	1.00	8	1985	0.01	1.54E-11	Upper
220-02	0.653	-0.120	0.84	32	1995	2.32	1.59E-13	Lower
220-02	1.435	-0.892	0.82	28	1995	11.50	4.05E-11	Middle
220-02	1.445	-1.347	0.81	40	1976	17.22	2.98E-15	Upper
220-03	1.533	-1.803	0.54	29	1995	38.36	5.39E-06	Middle
220-03	1.473	-1.851	0.58	32	1995	32.84	4.26E-07	Upper
221-30	1.644	-1.226	1.00	5	1980	0.00	2.27E-08	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
221-30	1.498	-1.375	0.98	6	1980	0.37	1.89E-04	Middle
221-30	1.419	-1.464	0.99	9	1980	0.27	3.60E-08	Upper
222-02	1.346	-1.547	1.00	7	1971	0.00	5.73E-81	Lower
222-02	1.218	-1.686	1.00	8	1971	0.01	1.28E-11	Middle
222-02	1.184	-1.722	1.00	10	1971	0.01	1.72E-15	Upper
222-03	1.386	-1.042	0.81	98	1955	52.16	3.98E-36	Lower
222-03	1.428	-1.351	0.93	101	1955	18.22	1.74E-59	Middle
222-03	1.314	-1.464	0.92	107	1955	20.86	4.55E-59	Upper
222-04	1.338	-0.417	0.70	160	1977	101.20	4.00E-43	Lower
222-04	1.729	-1.435	0.80	156	1986	93.08	2.01E-56	Middle
222-04	1.638	-1.527	0.81	166	1977	88.62	3.71E-60	Upper
223-02	1.322	-1.576	0.98	75	1959	3.68	1.15E-66	Lower
223-02	1.211	-1.694	0.99	77	1959	1.03	1.18E-86	Middle
223-02	1.137	-1.773	1.00	80	1959	0.20	8.48E-116	Upper
223-03	1.044	-0.422	0.73	37	1981	16.29	2.30E-11	Lower
223-03	1.550	-1.190	0.93	35	1981	6.60	4.01E-21	Middle
223-03	1.440	-1.555	0.78	42	1981	25.44	8.55E-15	Upper
223-30	1.873	-0.878	0.95	67	1991	9.03	4.39E-44	Lower
223-30	1.814	-1.037	0.99	63	1991	0.88	4.85E-69	Middle
223-30	1.700	-1.152	0.99	72	1991	1.91	3.37E-69	Upper
224-02	1.189	-2.027	0.57	10	1981	8.78	1.11E-02	Upper
225-01	1.277	-1.714	0.60	63	1990	50.09	1.01E-13	Lower
225-01	1.162	-1.942	0.59	67	1990	47.17	2.44E-14	Middle
225-01	1.148	-1.965	0.61	70	1990	46.04	1.53E-15	Upper
226-01	1.503	-0.911	0.75	73	1983	46.92	3.70E-23	Lower
226-01	1.266	-1.889	0.63	71	1983	55.10	1.22E-16	Middle
226-01	1.297	-1.858	0.68	81	1983	56.75	4.20E-21	Upper
226-02	1.723	-0.656	0.85	19	1985	7.20	2.46E-08	Lower
226-02	1.434	-1.544	0.61	18	1985	15.02	1.22E-04	Middle
226-02	1.371	-1.728	0.61	23	1985	19.71	1.17E-05	Upper
227-01	1.343	-1.550	1.00	33	1974	0.19	2.59E-43	Lower
227-01	1.280	-1.618	1.00	30	1974	0.14	6.44E-40	Middle
227-01	1.214	-1.690	1.00	37	1974	0.12	2.73E-51	Upper
227-02	1.490	-1.383	0.98	24	1974	1.48	3.30E-20	Lower
227-02	1.402	-1.479	0.98	25	1974	1.53	1.03E-20	Middle
227-02	1.306	-1.585	0.99	28	1974	0.95	2.15E-25	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
227-04	1.539	-1.376	0.88	107	1984	44.70	3.92E-50	Lower
227-04	1.431	-1.490	0.86	113	1950	47.26	1.58E-49	Middle
227-04	1.333	-1.580	0.86	122	1988	44.88	1.45E-52	Upper
228-07	1.655	-1.268	0.92	23	1982	5.34	4.69E-13	Lower
228-07	1.522	-1.449	0.85	24	1982	9.32	2.20E-10	Middle
228-07	1.489	-1.445	0.86	30	1982	11.00	1.82E-13	Upper
229-01	1.680	-1.127	0.75	51	1980	41.86	2.35E-16	Lower
229-01	1.743	-1.462	0.81	51	1980	29.85	1.43E-19	Middle
229-01	1.696	-1.516	0.82	56	1980	30.50	9.40E-22	Upper
229-03	1.476	-1.402	0.99	27	1985	0.88	2.08E-24	Lower
229-03	1.418	-1.464	0.99	28	1985	0.66	1.34E-26	Middle
229-03	1.339	-1.551	0.99	31	1985	0.32	7.86E-35	Upper
229-04	1.720	-1.454	0.54	108	1994	147.42	2.42E-19	Lower
229-04	1.591	-1.681	0.51	111	1994	143.87	2.00E-18	Middle
229-04	1.519	-1.730	0.52	114	1994	130.18	2.50E-19	Upper
230-01	1.469	-1.070	0.63	111	1983	133.14	2.17E-25	Lower
230-01	1.596	-1.628	0.81	112	1979	62.40	1.13E-41	Middle
230-01	1.526	-1.677	0.82	121	1979	58.26	9.97E-47	Upper
230-02	1.252	-0.310	0.76	7	1983	2.70	1.04E-02	Lower
230-02	1.801	-1.025	0.98	7	1983	0.35	1.59E-05	Middle
230-02	1.679	-1.146	0.98	11	1983	0.56	1.22E-08	Upper
230-03	0.877	-0.071	0.69	106	1990	27.91	2.89E-28	Lower
230-03	1.133	-0.692	0.53	108	1990	93.73	5.52E-19	Middle
230-03	1.590	-1.388	0.81	113	1990	50.13	5.41E-42	Upper
230-04	1.250	-1.646	0.99	75	1960	1.98	4.63E-73	Lower
230-04	1.178	-1.724	0.99	74	1960	1.44	4.15E-75	Middle
230-04	1.135	-1.772	1.00	81	1960	0.39	3.64E-104	Upper
230-05	1.365	-1.530	0.72	64	1993	48.93	7.73E-19	Lower
230-05	1.343	-1.703	0.73	61	1965	41.34	1.60E-18	Middle
230-05	1.282	-1.762	0.75	75	1993	41.58	8.12E-24	Upper
231-01	1.511	-1.363	0.99	65	1975	2.26	1.25E-64	Lower
231-01	1.426	-1.455	0.98	63	1975	3.36	1.44E-55	Middle
231-01	1.320	-1.564	0.98	72	1975	3.76	3.83E-61	Upper
231-02	1.712	-1.153	1.00	32	1988	0.08	4.79E-48	Lower
231-02	1.611	-1.257	1.00	35	1988	0.42	1.66E-40	Middle
231-02	1.533	-1.341	1.00	36	1988	0.35	1.74E-42	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
233-01	1.854	-0.936	0.97	93	1991	8.07	2.36E-69	Lower
233-01	1.814	-1.042	1.00	92	1991	0.41	3.15E-125	Middle
233-01	1.701	-1.162	1.00	98	1991	0.76	1.10E-119	Upper
235-01	0.709	-0.090	0.85	47	1995	3.65	3.70E-20	Lower
235-01	1.364	-0.996	0.74	49	1995	28.51	1.96E-15	Middle
235-01	1.254	-1.992	0.65	55	1995	42.24	1.22E-13	Upper
236-01	1.371	-1.820	0.77	28	1977	13.64	6.61E-10	Lower
236-01	1.187	-1.994	0.72	25	1977	10.69	9.84E-08	Middle
236-01	1.347	-1.848	0.80	33	1977	14.63	3.27E-12	Upper
236-02	0.820	-0.045	0.86	13	1991	1.02	4.29E-06	Lower
236-02	0.783	-0.102	0.86	13	1991	1.04	5.12E-06	Middle
236-02	0.807	-0.414	0.61	19	1991	5.76	8.05E-05	Upper
237-02	0.785	-0.125	0.90	65	1988	3.87	1.53E-33	Lower
237-02	1.101	-0.711	0.75	68	1988	24.06	7.84E-22	Middle
237-02	1.497	-1.322	0.95	71	1988	8.08	2.79E-45	Upper
238-03	1.136	-0.374	0.76	180	1983	68.74	8.70E-58	Lower
238-03	1.712	-1.088	0.98	181	1984	11.43	4.03E-150	Middle
238-03	1.604	-1.197	0.97	187	1983	15.43	1.27E-139	Upper
239-01	0.780	-0.124	0.95	107	1989	2.85	7.28E-69	Lower
239-01	0.699	-0.194	0.88	106	1989	5.58	3.58E-49	Middle
239-01	0.978	-0.660	0.68	112	1989	38.99	4.09E-29	Upper
241-01	1.450	-1.427	0.99	7	1980	0.20	5.24E-06	Lower
241-01	1.409	-1.472	0.99	9	1980	0.27	5.42E-08	Middle
241-01	1.345	-1.548	0.99	11	1980	0.12	1.84E-11	Upper
241-02	0.708	0.024	0.82	152	1980	15.40	1.32E-58	Lower
241-02	1.505	-0.944	0.83	152	1983	64.81	1.49E-60	Middle
241-02	1.402	-1.561	0.74	158	1983	105.83	5.18E-47	Upper
246-01	1.111	-2.206	0.51	65	1993	57.73	2.56E-11	Middle
246-01	1.112	-2.190	0.51	72	1993	63.57	2.01E-12	Upper
248-02	2.198	-0.628	1.00	6	1965	0.00	1.37E-65	Lower
249-01	1.379	-1.635	0.73	75	1981	58.66	1.95E-22	Lower
249-01	1.371	-1.783	0.77	70	1995	43.84	2.02E-23	Middle
249-01	1.348	-1.813	0.79	89	1981	47.70	5.80E-31	Upper
252-04	1.284	-1.615	0.99	52	1963	1.23	3.83E-54	Lower
252-04	1.195	-1.710	1.00	51	1963	0.20	1.06E-70	Middle
252-04	1.142	-1.768	1.00	56	1963	0.05	7.47E-94	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
253-03	1.582	-1.609	0.81	12	1975	8.67	6.85E-05	Lower
253-03	1.498	-1.804	0.75	13	1975	10.89	1.25E-04	Middle
253-03	1.456	-1.781	0.80	17	1975	10.83	1.42E-06	Upper
254-31	1.650	-1.512	0.74	135	1990	91.96	2.02E-40	Middle
254-31	1.563	-1.592	0.75	136	1990	79.66	1.17E-41	Upper
255-01	1.588	-1.700	0.85	17	1976	8.88	1.73E-07	Upper
255-02	1.370	-1.383	0.90	38	1975	9.87	6.52E-20	Lower
255-02	1.376	-1.561	0.94	40	1975	6.06	7.95E-25	Middle
255-02	1.311	-1.706	0.89	50	1975	11.89	9.49E-25	Upper
255-30	1.535	-1.437	0.59	9	1994	11.87	1.50E-02	Lower
255-30	1.360	-1.656	0.64	13	1956	11.89	9.50E-04	Upper
256-01	1.260	-1.892	0.53	65	1986	71.68	7.93E-12	Middle
256-01	1.211	-1.932	0.57	69	1986	61.63	4.51E-14	Upper
256-02	1.549	-0.755	0.86	41	1985	17.41	1.77E-18	Lower
256-02	1.750	-1.110	1.00	40	1985	0.12	1.55E-59	Middle
256-02	1.653	-1.214	0.99	44	1985	0.94	5.58E-47	Upper
256-07	1.095	-0.415	0.64	89	1979	48.89	9.67E-21	Lower
256-07	1.570	-1.469	0.78	89	1977	48.51	1.09E-30	Middle
256-07	1.503	-1.629	0.78	95	1977	48.50	2.13E-32	Upper
256-08	1.724	-1.107	0.98	56	1992	3.66	1.23E-46	Lower
256-08	1.588	-1.257	0.98	59	1992	2.63	7.28E-52	Middle
256-08	1.511	-1.342	0.98	61	1992	2.34	3.58E-54	Upper
256-09	1.380	-1.954	0.60	21	1994	15.43	3.43E-05	Lower
256-09	1.465	-1.882	0.65	20	1994	14.25	1.91E-05	Middle
256-09	1.476	-1.867	0.67	27	1994	18.46	1.96E-07	Upper
256-10	1.663	-1.127	0.78	59	1986	43.09	3.24E-20	Lower
256-10	1.733	-1.435	0.87	61	1986	23.81	2.66E-28	Middle
256-10	1.604	-1.604	0.86	68	1986	24.09	2.49E-30	Upper
256-11	1.289	-0.594	0.54	22	1966	19.25	1.10E-04	Lower
256-11	1.947	-1.485	0.77	25	1966	15.64	7.47E-09	Middle
256-11	1.794	-1.546	0.79	27	1966	13.83	6.04E-10	Upper
256-12	1.403	-1.017	0.51	45	1983	71.07	3.54E-08	Lower
256-12	1.274	-1.936	0.58	45	1983	44.62	1.56E-09	Middle
256-12	1.241	-1.943	0.61	49	1983	41.11	2.97E-11	Upper
256-32	1.630	-1.238	0.99	17	1982	0.30	1.22E-18	Lower
256-32	1.515	-1.362	0.99	18	1982	0.39	1.42E-18	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-32	1.378	-1.508	0.99	22	1982	0.40	8.01E-23	Upper
257-01	1.436	-1.907	0.64	34	1978	23.07	1.18E-08	Upper
257-02	1.592	-1.257	0.98	66	1980	3.60	4.87E-57	Lower
257-02	1.520	-1.327	0.98	63	1980	3.99	3.09E-51	Middle
257-02	1.395	-1.461	0.97	76	1986	4.67	6.51E-59	Upper
257-03	1.471	-1.412	1.00	16	1964	0.00	6.68E-42	Lower
257-03	1.379	-1.512	1.00	18	1964	0.01	2.21E-29	Middle
257-03	1.240	-1.652	0.99	20	1986	0.53	4.77E-18	Upper
258-01	1.389	-1.614	0.83	37	1987	16.60	5.38E-15	Lower
258-01	1.271	-1.783	0.80	37	1981	16.59	5.62E-14	Middle
258-01	1.255	-1.799	0.82	46	1981	18.89	8.04E-18	Upper
258-02	1.432	-1.436	0.96	6	1971	0.50	6.92E-04	Lower
258-02	1.359	-1.532	1.00	5	1971	0.05	9.48E-05	Middle
258-02	1.240	-1.651	0.98	11	1971	0.25	1.67E-09	Upper
258-31	1.200	-1.860	0.55	22	1983	24.25	8.31E-05	Lower
258-31	1.412	-1.763	0.75	26	1995	20.18	1.19E-08	Middle
258-31	1.400	-1.833	0.73	33	1971	25.90	3.13E-10	Upper
260-09	0.657	-0.144	0.82	146	1995	12.42	3.75E-55	Lower
260-09	0.605	-0.257	0.79	143	1982	12.61	2.06E-49	Middle
260-09	1.238	-1.156	0.81	156	1982	48.53	2.49E-57	Upper
260-10	1.379	-1.971	0.61	67	1994	48.06	6.25E-15	Lower
260-10	1.323	-2.006	0.61	65	1994	43.26	1.82E-14	Middle
260-10	1.357	-1.980	0.64	73	1994	47.19	3.34E-17	Upper
260-11	1.805	-1.587	0.75	67	1994	47.64	4.25E-21	Lower
260-11	1.686	-1.692	0.74	67	1994	42.97	6.41E-21	Middle
260-11	1.657	-1.697	0.75	73	1994	42.98	5.59E-23	Upper
261-06	1.823	-1.530	0.64	29	1993	33.57	2.02E-07	Lower
261-06	1.826	-1.501	0.65	27	1993	28.17	4.18E-07	Middle
261-06	1.714	-1.629	0.65	35	1993	33.62	5.39E-09	Upper
262-01	1.760	-1.569	0.65	38	1950	37.99	8.20E-10	Lower
262-01	1.637	-1.652	0.68	40	1994	32.05	6.70E-11	Middle
262-01	1.613	-1.704	0.69	44	1994	31.40	2.80E-12	Upper
263-07	1.320	-1.891	0.84	84	1968	32.96	2.20E-34	Lower
263-07	1.211	-1.994	0.84	86	1968	28.67	4.67E-35	Middle
263-07	1.168	-2.024	0.85	90	1968	26.25	3.38E-38	Upper
264-01	1.229	-1.930	0.68	43	1949	23.55	7.71E-12	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
264-01	1.194	-1.950	0.72	42	1960	20.19	1.00E-12	Middle
264-01	1.124	-2.014	0.71	48	1960	22.08	6.06E-14	Upper
264-02	1.355	-1.535	0.99	24	1960	0.80	2.01E-23	Lower
264-02	1.255	-1.642	0.99	26	1960	0.99	1.01E-23	Middle
264-02	1.166	-1.739	0.99	29	1960	0.41	1.14E-31	Upper
264-03	1.666	-1.190	0.98	34	1986	2.25	2.88E-28	Lower
264-03	1.525	-1.337	0.98	33	1986	1.54	1.63E-28	Middle
264-03	1.424	-1.447	0.99	40	1986	1.29	2.61E-36	Upper
264-04	1.605	-1.268	1.00	42	1981	0.30	4.16E-53	Lower
264-04	1.475	-1.409	1.00	41	1981	0.09	6.03E-60	Middle
264-04	1.376	-1.515	1.00	46	1976	0.20	4.10E-61	Upper
266-01	0.941	-0.174	0.66	94	1978	38.27	2.76E-23	Lower
266-01	1.650	-0.977	0.89	94	1978	27.79	4.50E-46	Middle
266-01	1.526	-1.487	0.83	105	1978	45.44	2.36E-41	Upper
269-01	1.533	-1.233	0.95	39	1990	5.14	1.14E-25	Lower
269-01	1.505	-1.358	0.98	41	1990	1.69	3.50E-36	Middle
269-01	1.463	-1.405	0.99	45	1990	1.19	2.41E-43	Upper
269-09	1.629	-0.960	0.81	112	1957	55.42	2.58E-41	Lower
269-09	1.286	-1.766	0.65	112	1957	78.04	5.62E-27	Middle
269-09	1.252	-1.789	0.67	117	1957	74.76	3.78E-29	Upper
270-03	0.614	0.119	0.77	34	1992	2.83	9.13E-12	Lower
270-03	1.344	-0.744	0.77	35	1992	14.00	4.45E-12	Middle
270-03	1.574	-1.173	0.93	40	1992	5.63	3.52E-23	Upper
270-04	1.067	-2.097	0.66	21	1958	8.42	7.22E-06	Middle
270-04	1.016	-2.168	0.75	27	1958	8.42	6.25E-09	Upper
271-01	1.582	-1.547	0.62	91	1975	88.98	2.61E-20	Lower
271-01	1.623	-1.765	0.71	90	1975	60.54	1.23E-25	Middle
271-01	1.573	-1.802	0.71	96	1975	61.58	5.93E-27	Upper
271-02	1.333	-1.850	0.73	63	1966	46.82	6.79E-19	Lower
271-02	1.224	-1.959	0.71	64	1966	42.40	1.68E-18	Middle
271-02	1.194	-1.994	0.73	70	1966	41.49	4.72E-21	Upper
271-03	1.143	-2.034	0.69	83	1965	36.72	2.26E-22	Lower
271-03	1.055	-2.103	0.67	83	1965	33.26	5.67E-21	Middle
271-03	1.113	-2.054	0.72	89	1965	36.47	1.08E-25	Upper
273-03	1.479	-1.362	0.71	92	1981	79.25	1.05E-25	Lower
273-03	1.548	-1.600	0.83	89	1981	41.18	4.23E-35	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
273-03	1.481	-1.650	0.84	103	1981	41.90	2.09E-41	Upper
274-01	0.870	0.021	0.95	180	1986	5.63	2.57E-118	Lower
274-01	1.726	-1.153	0.79	177	1986	111.73	1.87E-61	Middle
274-01	1.748	-1.461	0.81	188	1986	103.81	7.02E-70	Upper
274-03	0.983	-2.142	0.52	104	1952	70.35	3.78E-18	Middle
274-03	0.926	-2.192	0.51	105	1952	66.75	1.33E-17	Upper
275-01	1.268	-0.699	0.82	93	1991	32.22	2.36E-35	Lower
275-01	1.592	-1.247	0.98	91	1991	4.78	2.50E-76	Middle
275-01	1.476	-1.354	0.96	99	1991	8.13	1.85E-70	Upper
275-03	1.387	-1.086	0.88	67	1991	22.92	4.86E-32	Lower
275-03	1.442	-1.391	0.98	63	1991	4.64	8.68E-51	Middle
275-03	1.343	-1.461	0.95	77	1962	9.07	2.08E-51	Upper
276-01	0.744	-0.136	0.92	89	1984	4.08	6.67E-49	Lower
276-01	1.520	-1.018	0.87	92	1984	28.19	4.61E-42	Middle
276-01	1.451	-1.618	0.74	95	1984	63.20	3.88E-29	Upper
276-02	0.880	-0.051	1.00	57	1980	0.23	1.63E-65	Lower
276-02	1.428	-0.703	0.85	55	1980	21.18	2.09E-23	Middle
276-02	1.637	-1.174	0.98	62	1980	3.42	2.95E-53	Upper
276-03	1.295	-1.263	0.66	80	1993	74.97	6.28E-20	Lower
276-03	1.324	-1.649	0.74	78	1993	53.38	9.83E-24	Middle
276-03	1.261	-1.741	0.74	91	1957	53.38	4.91E-28	Upper
276-04	1.423	-1.464	0.98	51	1967	2.79	5.82E-45	Lower
276-04	1.293	-1.603	0.99	56	1967	1.95	3.48E-52	Middle
276-04	1.196	-1.707	1.00	57	1967	0.57	6.80E-66	Upper
276-05	1.178	-1.559	0.51	87	1978	121.62	5.70E-15	Lower
276-05	1.296	-1.891	0.68	83	1970	67.14	1.28E-21	Middle
276-05	1.309	-1.886	0.72	94	1970	66.92	1.91E-27	Upper
278-04	1.236	-1.667	1.00	9	1960	0.11	2.02E-09	Lower
278-04	1.213	-1.690	1.00	9	1960	0.05	1.19E-10	Middle
278-04	1.139	-1.770	1.00	14	1960	0.04	3.41E-19	Upper
278-05	1.688	-1.179	1.00	17	1960	0.01	5.62E-27	Middle
278-05	1.622	-1.250	1.00	18	1960	0.00	7.45E-65	Upper
278-06	0.965	-2.147	0.52	68	1966	46.48	3.84E-12	Upper
278-07	1.398	-1.493	0.99	33	1959	1.05	2.92E-33	Lower
278-07	1.260	-1.641	1.00	36	1959	0.46	1.85E-41	Middle
278-07	1.162	-1.746	1.00	39	1959	0.38	9.37E-46	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
279-01	1.816	-1.040	1.00	6	1973	0.00	1.44E-08	Lower
279-01	1.691	-1.172	1.00	8	1973	0.08	2.58E-08	Middle
279-01	1.532	-1.319	0.99	10	1973	0.35	1.14E-08	Upper
279-02	0.856	0.040	0.92	121	1986	6.06	4.60E-68	Lower
279-02	1.327	-0.719	0.63	119	1986	101.15	5.74E-27	Middle
279-02	1.373	-1.867	0.61	126	1986	126.86	6.48E-27	Upper
279-03	1.449	-1.436	1.00	5	1970	0.01	1.21E-05	Lower
279-03	1.361	-1.531	1.00	4	1970	0.00	3.44E-32	Middle
279-03	1.280	-1.586	0.97	11	1952	0.97	5.74E-08	Upper
279-04	1.602	-1.624	0.82	9	1986	4.98	8.15E-04	Lower
279-04	1.609	-1.541	0.87	14	1986	5.68	1.32E-06	Middle
279-04	1.518	-1.727	0.82	15	1986	7.18	3.23E-06	Upper
281-01	1.287	-1.182	0.87	18	1978	5.27	1.88E-08	Lower
281-01	1.375	-1.489	0.97	20	1978	1.35	6.34E-15	Middle
281-01	1.297	-1.585	0.99	24	1978	0.60	4.71E-22	Upper
281-02	0.754	-0.442	0.73	34	1972	7.54	1.50E-10	Lower
281-02	1.324	-1.546	0.95	31	1972	2.89	4.95E-21	Middle
281-02	1.244	-1.641	0.98	40	1972	1.53	1.72E-32	Upper
281-03	1.153	-2.049	0.69	148	1950	67.20	6.10E-39	Lower
281-03	1.098	-2.088	0.72	150	1950	58.20	5.76E-43	Middle
281-03	1.008	-2.160	0.71	155	1950	53.32	4.50E-43	Upper
281-04	1.435	-1.442	0.98	168	1965	8.51	5.47E-143	Lower
281-04	1.360	-1.525	0.98	170	1965	7.18	4.19E-147	Middle
281-04	1.226	-1.672	0.99	174	1965	4.04	6.08E-165	Upper
282-30	1.356	-1.840	0.87	14	1947	5.15	9.31E-07	Lower
282-30	1.297	-1.962	0.86	16	1947	5.89	1.86E-07	Middle
282-30	1.174	-2.029	0.89	19	1947	4.96	1.52E-09	Upper
283-30	1.005	0.085	1.00	3	1987	0.00	1.18E-16	Middle
283-30	1.565	-1.258	0.93	8	1987	1.48	9.78E-05	Upper
284-02	1.256	-1.102	0.55	22	1981	24.79	7.06E-05	Lower
284-02	1.554	-1.528	0.76	21	1981	13.10	3.09E-07	Middle
284-02	1.500	-1.539	0.81	27	1981	12.78	1.60E-10	Upper
284-30	1.713	-1.025	0.95	48	1982	7.61	2.83E-32	Lower
284-30	1.692	-1.174	1.00	46	1982	0.03	1.82E-82	Middle
284-30	1.571	-1.302	1.00	51	1982	0.65	6.41E-59	Upper
286-01	1.670	-1.115	0.94	38	1962	4.67	4.76E-24	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
286-01	1.627	-1.235	0.99	40	1962	0.78	3.00E-40	Middle
286-01	1.600	-1.260	0.99	42	1962	1.17	6.93E-39	Upper
287-05	1.349	-1.544	0.99	40	1966	1.47	1.86E-38	Lower
287-05	1.250	-1.651	1.00	39	1966	0.35	1.57E-47	Middle
287-05	1.156	-1.749	1.00	48	1958	0.50	4.08E-55	Upper
288-02	1.297	-1.594	0.98	78	1956	4.16	2.79E-67	Lower
288-02	1.246	-1.649	0.97	80	1956	6.20	1.38E-61	Middle
288-02	1.189	-1.712	0.98	84	1956	3.83	6.98E-72	Upper
289-02	1.216	-1.232	0.87	107	1962	38.31	5.93E-48	Lower
289-02	1.259	-1.555	0.95	110	1962	13.05	1.88E-74	Middle
289-02	1.175	-1.639	0.95	115	1962	12.70	7.33E-76	Upper
290-01	1.405	-1.162	0.80	90	1957	44.04	7.25E-33	Lower
290-01	1.433	-1.377	0.93	92	1957	14.95	1.58E-53	Middle
290-01	1.360	-1.447	0.93	99	1957	16.06	9.37E-57	Upper
290-02	1.523	-1.621	0.76	61	1986	35.48	5.37E-20	Lower
290-02	1.421	-1.731	0.74	60	1986	33.06	2.05E-18	Middle
290-02	1.417	-1.721	0.77	67	1986	32.34	1.59E-22	Upper
291-01	1.480	-1.917	0.67	12	1995	9.35	1.14E-03	Middle
291-01	1.468	-1.879	0.64	20	1995	16.60	2.52E-05	Upper
291-02	1.505	-1.863	0.71	98	1995	62.90	7.65E-28	Middle
291-02	1.475	-1.901	0.70	105	1994	68.85	1.93E-28	Upper
292-01	1.111	-2.058	0.64	34	1954	23.42	1.13E-08	Lower
292-01	1.064	-2.071	0.65	36	1954	22.49	3.53E-09	Middle
292-01	1.100	-2.054	0.67	40	1954	25.47	9.21E-11	Upper
294-04	1.175	-1.967	0.79	87	1961	30.02	6.71E-31	Lower
294-04	1.076	-2.048	0.77	82	1962	24.50	2.09E-27	Middle
294-04	1.118	-2.022	0.83	95	1962	26.75	9.20E-38	Upper
294-05	1.411	-1.478	0.99	49	1965	2.13	5.10E-46	Lower
294-05	1.278	-1.621	0.99	52	1965	1.20	1.26E-53	Middle
294-05	1.200	-1.704	1.00	55	1965	0.45	2.72E-67	Upper
295-01	1.196	-0.817	0.81	24	1986	8.55	2.82E-09	Lower
295-01	1.470	-1.388	0.97	25	1986	1.53	7.83E-20	Middle
295-01	1.383	-1.470	0.97	30	1986	1.76	9.48E-23	Upper
295-02	0.980	-2.189	0.64	73	1949	39.55	2.01E-17	Lower
295-02	0.873	-2.292	0.61	72	1949	34.01	8.74E-16	Middle
295-02	0.979	-2.179	0.67	80	1951	41.40	2.27E-20	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
295-03	1.603	-1.240	0.98	44	1989	1.96	1.95E-38	Lower
295-03	1.496	-1.350	0.98	44	1989	2.06	1.04E-36	Middle
295-03	1.437	-1.420	0.98	50	1989	1.47	2.07E-45	Upper
295-04	1.170	-0.369	0.76	29	1983	8.82	6.96E-10	Lower
295-04	1.763	-1.057	0.99	29	1983	1.00	2.03E-26	Middle
295-04	1.659	-1.145	0.97	33	1983	1.96	3.44E-25	Upper
296-02	1.335	-1.558	0.98	93	1957	4.26	9.48E-79	Lower
296-02	1.263	-1.630	0.97	94	1957	5.09	2.63E-73	Middle
296-02	1.196	-1.703	0.97	99	1957	5.13	1.37E-76	Upper
296-03	1.275	-1.334	0.92	100	1974	19.39	9.94E-55	Lower
296-03	1.303	-1.567	0.97	103	1954	6.48	6.07E-81	Middle
296-03	1.233	-1.637	0.96	109	1954	9.05	6.61E-76	Upper
297-02	1.469	-1.098	0.92	31	1983	5.13	1.48E-17	Lower
297-02	1.499	-1.343	0.96	28	1983	2.49	8.80E-20	Middle
297-02	1.415	-1.419	0.93	37	1983	4.60	3.07E-22	Upper
297-03	1.274	-1.621	0.99	99	1958	2.62	2.82E-96	Lower
297-03	1.188	-1.714	0.99	99	1958	1.53	1.44E-104	Middle
297-03	1.133	-1.775	1.00	104	1958	0.45	1.45E-135	Upper
298-02	1.527	-1.535	0.72	129	1978	119.17	3.60E-37	Lower
298-02	1.462	-1.752	0.72	130	1978	112.53	3.02E-37	Middle
298-02	1.396	-1.807	0.72	135	1978	106.80	2.08E-38	Upper
299-02	1.070	-1.161	0.61	142	1988	135.28	9.42E-31	Lower
299-02	1.311	-1.681	0.82	142	1988	70.65	3.02E-54	Middle
299-02	1.243	-1.773	0.82	152	1962	66.46	4.83E-58	Upper
300-01	1.329	-1.558	0.98	78	1962	4.58	1.05E-64	Lower
300-01	1.271	-1.617	0.96	79	1962	6.79	2.06E-57	Middle
300-01	1.244	-1.648	0.96	84	1962	7.34	3.21E-60	Upper
300-02	0.646	-0.232	0.83	71	1965	7.89	1.43E-28	Lower
300-02	1.331	-1.196	0.86	72	1965	29.08	4.52E-31	Middle
300-02	1.343	-1.875	0.88	76	1965	25.79	2.16E-35	Upper
300-03	1.370	-1.809	0.65	33	1986	29.59	1.65E-08	Lower
300-03	1.396	-1.758	0.70	34	1986	25.54	5.59E-10	Middle
300-03	1.241	-1.921	0.66	38	1986	26.76	6.22E-10	Upper
300-30	0.824	-0.090	0.91	32	1977	2.61	6.25E-17	Lower
300-30	1.463	-1.200	0.93	35	1977	6.31	6.03E-21	Middle
300-30	1.432	-1.437	0.97	37	1977	2.68	3.72E-28	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
301-02	1.427	-1.073	0.61	129	1986	139.21	5.69E-28	Lower
301-02	1.585	-1.580	0.71	133	1986	115.39	7.28E-37	Middle
301-02	1.524	-1.642	0.70	135	1986	113.66	2.53E-36	Upper
301-03	1.539	-1.205	0.67	110	1986	104.22	1.45E-27	Lower
301-03	1.671	-1.524	0.80	110	1986	63.59	3.43E-39	Middle
301-03	1.595	-1.600	0.79	116	1986	63.71	3.70E-40	Upper
302-01	1.221	-1.841	0.52	86	1992	80.19	7.16E-15	Upper
302-02	1.065	-0.476	0.75	58	1992	19.24	1.08E-18	Lower
302-02	1.577	-1.221	0.96	59	1992	5.25	8.01E-42	Middle
302-02	1.490	-1.320	0.96	64	1992	4.94	1.57E-45	Upper
303-01	0.739	-0.132	0.80	136	1986	15.86	7.60E-49	Lower
303-01	0.889	-0.466	0.69	136	1986	41.60	7.56E-36	Middle
303-01	1.502	-1.293	0.92	142	1986	24.50	7.20E-78	Upper
303-02	1.499	-1.557	0.58	42	1995	46.93	4.18E-09	Lower
303-02	1.406	-1.927	0.58	43	1995	43.00	3.49E-09	Middle
303-02	1.432	-1.910	0.61	47	1995	42.28	9.65E-11	Upper
303-03	0.994	-2.172	0.71	38	1940	12.13	2.54E-11	Lower
303-03	0.917	-2.252	0.70	39	1940	11.01	2.88E-11	Middle
303-03	0.970	-2.200	0.77	42	1940	11.41	2.38E-14	Upper
304-01	0.871	-0.002	0.97	142	1985	3.25	1.76E-105	Lower
304-01	1.627	-1.288	0.76	141	1985	104.97	6.16E-45	Middle
304-01	1.603	-1.611	0.82	147	1985	75.31	5.12E-55	Upper
304-02	0.909	-0.431	0.75	123	1984	29.06	4.12E-38	Lower
304-02	1.496	-1.325	0.94	126	1984	14.18	3.34E-79	Middle
304-02	1.428	-1.395	0.93	129	1984	16.68	2.23E-75	Upper
305-01	1.511	-1.696	0.80	68	1983	37.28	7.16E-25	Lower
305-01	1.441	-1.749	0.81	66	1978	31.66	8.86E-25	Middle
305-01	1.364	-1.824	0.82	77	1978	32.41	7.69E-30	Upper
305-02	1.085	-0.422	0.77	104	1979	48.54	6.23E-34	Lower
305-02	1.554	-1.304	0.97	101	1979	10.64	6.97E-76	Middle
305-02	1.424	-1.445	0.97	111	1979	7.99	3.07E-87	Upper
305-30	1.280	-1.263	0.88	22	1970	6.63	1.73E-10	Lower
305-30	1.308	-1.574	0.97	19	1970	1.07	5.37E-15	Middle
305-30	1.228	-1.665	0.99	28	1970	0.77	2.21E-25	Upper
306-02	1.627	-1.243	1.00	22	1988	0.20	8.33E-25	Lower
306-02	1.527	-1.353	1.00	22	1988	0.01	1.69E-38	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
306-02	1.459	-1.422	1.00	28	1988	0.16	6.62E-35	Upper
307-01	1.542	-1.240	0.70	22	1966	3.81	1.19E-06	Lower
307-01	1.700	-1.158	0.97	25	1966	0.71	1.24E-19	Upper
309-03	1.323	-1.567	0.98	56	1958	2.25	2.10E-50	Lower
309-03	1.256	-1.638	0.98	57	1958	2.36	4.87E-50	Middle
309-03	1.170	-1.731	0.99	62	1958	1.65	1.23E-57	Upper
311-01	1.314	-1.829	0.79	122	1956	73.35	8.61E-43	Lower
311-01	1.252	-1.889	0.79	127	1956	69.10	1.51E-44	Middle
311-01	1.174	-1.947	0.79	131	1956	63.53	7.05E-46	Upper
311-02	1.390	-1.501	0.99	121	1965	3.40	2.50E-117	Lower
311-02	1.299	-1.598	0.99	122	1965	1.82	1.15E-131	Middle
311-02	1.207	-1.696	0.99	127	1965	1.24	8.65E-144	Upper
313-30	1.287	-1.612	0.99	77	1957	1.47	8.53E-82	Lower
313-30	1.219	-1.685	1.00	79	1957	0.85	1.97E-91	Middle
313-30	1.140	-1.769	1.00	83	1957	0.45	1.31E-105	Upper
314-01	1.393	-1.496	0.98	83	1958	5.66	8.24E-68	Lower
314-01	1.296	-1.602	0.98	83	1958	4.81	4.12E-68	Middle
314-01	1.186	-1.715	0.99	94	1969	2.78	7.80E-86	Upper
316-01	1.220	-1.684	1.00	10	1960	0.04	1.17E-12	Lower
316-01	1.171	-1.736	1.00	10	1960	0.04	2.27E-12	Middle
316-01	1.137	-1.773	1.00	16	1960	0.04	2.42E-22	Upper
316-04	0.859	-0.331	0.69	106	1957	37.84	3.23E-28	Lower
316-04	1.459	-1.244	0.82	106	1957	51.87	4.12E-41	Middle
316-04	1.332	-1.757	0.72	112	1957	83.34	3.70E-32	Upper
316-05	1.326	-1.561	0.98	42	1959	2.06	2.83E-36	Lower
316-05	1.253	-1.639	0.98	40	1959	2.40	1.48E-32	Middle
316-05	1.180	-1.720	0.98	48	1959	2.22	1.77E-39	Upper
316-06	1.311	-0.888	0.72	111	1959	76.07	1.08E-31	Lower
316-06	1.289	-1.816	0.67	115	1959	97.33	2.95E-29	Middle
316-06	1.237	-1.854	0.67	117	1959	90.87	1.25E-29	Upper
317-02	1.217	-1.940	0.64	76	1978	43.55	6.51E-18	Middle
317-02	1.207	-1.938	0.69	82	1978	40.41	5.70E-22	Upper
317-03	1.197	-1.450	0.71	54	1957	42.01	9.31E-16	Lower
317-03	1.250	-1.912	0.83	54	1957	22.61	2.13E-21	Middle
317-03	1.194	-1.950	0.85	60	1957	21.13	3.05E-25	Upper
317-04	1.298	-1.600	0.99	63	1954	1.85	9.54E-60	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
317-04	1.222	-1.681	0.98	64	1954	2.04	7.64E-58	Middle
317-04	1.159	-1.749	0.99	69	1954	1.77	7.63E-64	Upper
317-05	1.294	-1.603	1.00	35	1956	0.45	7.71E-40	Lower
317-05	1.220	-1.683	1.00	35	1956	0.27	7.92E-43	Middle
317-05	1.138	-1.770	1.00	41	1956	0.28	9.34E-50	Upper
317-06	1.194	-1.188	0.66	113	1959	98.36	1.66E-27	Upper
318-01	1.098	-1.217	0.59	70	1959	70.73	7.39E-15	Lower
318-01	1.230	-1.976	0.83	68	1959	25.53	6.54E-27	Middle
318-01	1.175	-2.022	0.84	75	1959	24.04	3.26E-31	Upper
318-02	1.367	-1.521	0.98	90	1959	3.89	4.18E-79	Lower
318-02	1.275	-1.616	0.98	86	1959	3.51	1.14E-74	Middle
318-02	1.188	-1.707	0.97	96	1959	5.19	4.67E-74	Upper
318-03	1.362	-1.530	0.99	23	1959	0.72	1.11E-21	Lower
318-03	1.266	-1.637	0.99	24	1959	0.59	6.22E-23	Middle
318-03	1.176	-1.730	0.99	29	1959	0.49	4.49E-29	Upper
318-04	1.329	-1.569	0.99	77	1957	2.37	1.65E-74	Lower
318-04	1.220	-1.687	0.99	74	1957	0.93	1.50E-83	Middle
318-04	1.147	-1.762	1.00	86	1960	0.70	3.04E-101	Upper
319-01	1.341	-1.012	0.87	106	1980	28.41	1.07E-48	Lower
319-01	1.467	-1.396	0.98	109	1980	6.23	9.42E-88	Middle
319-01	1.363	-1.509	0.98	113	1980	5.18	3.38E-92	Upper
319-04	1.354	-1.873	0.87	9	1959	3.32	2.41E-04	Lower
319-04	1.354	-1.659	0.86	8	1959	3.11	8.34E-04	Middle
319-04	1.303	-1.884	0.85	15	1959	6.05	1.19E-06	Upper
319-05	1.522	-1.584	0.82	72	1977	39.86	8.22E-28	Lower
319-05	1.498	-1.707	0.85	74	1977	31.88	8.79E-32	Middle
319-05	1.473	-1.726	0.84	78	1977	35.73	1.17E-31	Upper
320-01	1.321	-0.912	0.66	78	1975	71.66	1.88E-19	Lower
320-01	1.548	-1.577	0.81	76	1975	42.46	1.42E-28	Middle
320-01	1.407	-1.720	0.81	84	1975	40.80	5.55E-31	Upper
320-02	1.281	-1.617	0.99	88	1957	1.43	2.22E-97	Lower
320-02	1.208	-1.696	1.00	84	1957	0.92	2.18E-98	Middle
320-02	1.137	-1.772	1.00	94	1957	0.62	6.79E-117	Upper
321-01	0.588	0.228	0.68	210	1990	22.98	5.25E-53	Lower
321-01	0.680	-0.097	0.77	212	1990	18.85	2.89E-69	Middle
321-01	1.272	-0.976	0.81	216	1990	54.59	5.98E-79	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
321-02	0.786	-0.289	0.78	55	1982	8.17	3.21E-19	Lower
321-02	1.482	-1.348	0.95	52	1982	5.04	3.52E-34	Middle
321-02	1.400	-1.445	0.95	61	1982	4.86	2.26E-41	Upper
321-03	0.885	-0.414	0.80	29	1982	4.44	6.80E-11	Lower
321-03	1.488	-1.360	0.96	29	1982	2.44	3.15E-20	Middle
321-03	1.389	-1.465	0.96	35	1982	2.36	4.48E-24	Upper
321-04	1.137	-0.510	0.71	117	1995	54.72	1.58E-32	Lower
321-04	1.468	-1.805	0.67	115	1995	104.54	5.14E-29	Middle
321-04	1.399	-1.861	0.69	125	1975	95.91	3.39E-33	Upper
322-01	0.764	-0.096	0.86	47	1990	3.17	4.09E-21	Lower
322-01	0.671	-0.183	0.80	47	1990	3.95	3.90E-17	Middle
322-01	1.530	-1.231	0.93	53	1990	7.08	1.28E-30	Upper
323-01	1.621	-1.251	1.00	28	1990	0.06	4.94E-35	Lower
323-01	1.520	-1.360	1.00	27	1990	0.03	3.71E-37	Middle
323-01	1.453	-1.431	1.00	32	1990	0.09	3.77E-41	Upper
324-02	1.645	-1.471	0.79	73	1989	42.95	1.54E-25	Upper
325-01	1.302	-0.892	0.83	150	1979	65.06	1.45E-59	Lower
325-01	1.467	-1.380	0.97	153	1979	10.94	1.97E-122	Middle
325-01	1.332	-1.520	0.97	159	1981	9.21	2.46E-127	Upper
326-02	1.382	-0.627	0.82	73	1985	28.76	6.19E-28	Lower
326-02	1.744	-1.081	0.99	74	1985	2.76	1.51E-69	Middle
326-02	1.628	-1.191	0.97	78	1985	5.07	7.62E-62	Upper
328-02	1.107	-0.317	0.72	85	1985	37.62	1.63E-24	Lower
328-02	1.718	-1.087	0.97	83	1985	6.51	1.06E-64	Middle
328-02	1.593	-1.212	0.96	90	1985	7.80	2.86E-65	Upper
328-30	1.302	-1.591	0.99	30	1960	1.18	9.02E-28	Lower
328-30	1.225	-1.673	0.99	29	1960	0.93	2.57E-27	Middle
328-30	1.155	-1.752	1.00	36	1960	0.30	1.16E-42	Upper
329-02	0.864	-0.036	0.94	37	1987	1.72	3.39E-23	Lower
329-02	1.467	-0.826	0.84	36	1987	14.95	4.67E-15	Middle
329-02	1.699	-1.160	0.99	41	1987	1.50	1.18E-38	Upper
329-03	1.614	-1.394	0.74	130	1990	97.70	3.11E-39	Middle
329-03	1.492	-1.514	0.75	136	1990	80.68	1.04E-42	Upper
331-01	0.612	-0.104	0.79	53	1968	5.75	4.71E-19	Lower
331-01	1.390	-1.221	0.83	55	1968	24.35	4.14E-22	Middle
331-01	1.377	-1.718	0.83	63	1968	27.35	5.11E-25	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
332-01	1.346	-1.807	0.84	82	1954	41.49	1.74E-33	Lower
332-01	1.258	-1.960	0.85	80	1954	32.40	9.52E-34	Middle
332-01	1.184	-2.040	0.85	88	1954	30.32	8.41E-38	Upper
332-02	1.361	-1.525	0.98	68	1959	3.41	4.88E-60	Lower
332-02	1.284	-1.607	0.98	71	1959	3.83	1.41E-59	Middle
332-02	1.193	-1.709	0.99	74	1959	1.90	2.48E-71	Upper
333-01	0.746	-0.160	0.89	90	1983	5.17	1.74E-44	Lower
333-01	1.496	-1.243	0.94	91	1983	11.18	8.82E-57	Middle
333-01	1.459	-1.376	0.95	96	1983	10.14	4.78E-61	Upper
333-02	1.024	-0.591	0.78	52	1979	16.74	4.84E-18	Lower
333-02	1.475	-1.391	0.97	51	1979	3.66	9.47E-40	Middle
333-02	1.365	-1.509	0.97	58	1979	3.51	1.66E-44	Upper
333-03	1.201	-1.146	0.53	117	1987	155.92	2.36E-20	Lower
333-03	1.511	-1.691	0.75	121	1987	93.90	1.37E-37	Middle
333-03	1.447	-1.744	0.75	125	1979	87.51	3.82E-39	Upper
334-01	1.402	-0.896	0.58	127	1986	150.55	2.57E-25	Lower
334-01	1.778	-1.419	0.82	125	1986	73.06	9.75E-48	Middle
334-01	1.743	-1.463	0.81	133	1986	76.53	9.86E-50	Upper
335-02	1.362	-1.522	0.98	89	1965	4.88	6.79E-76	Lower
335-02	1.245	-1.648	0.98	89	1965	3.62	1.07E-77	Middle
335-02	1.167	-1.736	0.99	95	1965	1.28	1.57E-102	Upper
337-03	1.575	-1.270	0.97	43	1982	3.10	2.70E-33	Lower
337-03	1.547	-1.302	0.97	41	1982	3.06	7.56E-31	Middle
337-03	1.456	-1.387	0.95	49	1982	5.83	2.73E-31	Upper
337-04	1.343	-1.544	0.98	7	1955	0.29	9.70E-06	Lower
337-04	1.275	-1.612	0.97	8	1955	0.47	5.14E-06	Middle
337-04	1.210	-1.686	0.97	12	1955	0.78	7.06E-09	Upper
338-01	0.906	-0.345	0.56	75	1977	58.01	9.49E-15	Lower
338-01	0.991	-0.514	0.59	75	1977	62.07	9.56E-16	Middle
338-01	1.586	-1.455	0.87	82	1977	35.29	7.57E-38	Upper
339-03	1.361	-1.523	0.98	61	1960	4.18	2.80E-50	Lower
339-03	1.291	-1.600	0.98	61	1960	4.03	1.10E-49	Middle
339-03	1.206	-1.692	0.98	67	1960	2.95	1.05E-57	Upper
340-01	1.686	-1.179	1.00	45	1984	0.22	5.53E-62	Lower
340-01	1.593	-1.273	1.00	46	1984	0.60	4.69E-53	Middle
340-01	1.479	-1.396	0.99	49	1984	0.86	5.26E-52	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
340-02	1.398	-1.020	0.88	96	1978	32.93	1.99E-44	Lower
340-02	1.487	-1.343	0.98	93	1978	6.45	2.15E-75	Middle
340-02	1.365	-1.442	0.96	109	1978	10.21	1.76E-76	Upper
341-01	1.419	-1.453	0.97	98	1965	8.07	4.04E-75	Lower
341-01	1.314	-1.563	0.96	98	1965	9.56	3.47E-68	Middle
341-01	1.230	-1.659	0.97	107	1968	5.96	1.23E-83	Upper
341-02	1.250	-1.267	0.90	71	1995	18.66	3.77E-36	Lower
341-02	1.281	-1.527	0.95	72	1962	8.76	5.19E-48	Middle
341-02	1.243	-1.730	0.93	83	1962	12.61	8.37E-50	Upper
344-02	1.653	-0.871	0.87	19	1986	6.99	4.39E-09	Lower
344-02	1.756	-1.091	0.99	20	1986	0.36	1.35E-21	Middle
344-02	1.628	-1.214	0.99	25	1986	0.95	6.88E-23	Upper
344-03	0.745	-0.156	0.94	78	1989	2.39	3.43E-47	Lower
344-03	1.168	-0.773	0.80	81	1989	23.35	5.33E-29	Middle
344-03	1.433	-1.337	0.94	89	1977	9.16	6.06E-55	Upper
345-03	1.314	-1.577	0.98	64	1956	3.16	3.17E-57	Lower
345-03	1.267	-1.613	0.97	66	1956	4.98	4.92E-52	Middle
345-03	1.181	-1.705	0.98	72	1956	3.57	1.72E-60	Upper
345-04	1.016	-0.550	0.70	83	1981	41.70	1.13E-22	Lower
345-04	1.459	-1.274	0.89	77	1981	22.84	7.76E-38	Middle
345-04	1.374	-1.657	0.79	94	1981	53.19	8.54E-33	Upper
345-05	1.188	-1.717	1.00	7	1964	0.01	8.04E-09	Lower
345-05	1.179	-1.726	1.00	11	1964	0.04	5.04E-14	Middle
345-05	1.153	-1.755	1.00	13	1964	0.02	1.74E-18	Upper
346-01	0.720	-0.028	0.85	15	1964	1.17	1.24E-06	Lower
346-01	1.447	-0.855	0.77	11	1964	6.35	4.22E-04	Middle
346-01	1.474	-1.117	0.85	21	1964	7.05	2.43E-09	Upper
346-02	0.996	-0.414	0.53	240	1981	200.29	1.69E-40	Lower
346-02	1.588	-1.417	0.80	239	1981	143.96	6.05E-84	Middle
346-02	1.554	-1.629	0.79	248	1981	143.69	1.80E-86	Upper
347-01	0.902	-0.011	0.98	89	1983	1.50	7.74E-74	Lower
347-01	0.850	-0.095	0.98	87	1983	1.34	9.95E-72	Middle
347-01	1.563	-0.907	0.90	94	1983	22.67	3.35E-48	Upper
348-01	1.371	-1.519	0.99	9	1962	0.19	9.72E-09	Lower
348-01	1.316	-1.577	1.00	6	1962	0.03	1.61E-06	Middle
348-01	1.223	-1.673	0.98	15	1962	0.60	1.37E-12	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
348-02	0.776	0.054	0.89	50	1981	3.74	6.63E-25	Lower
348-02	1.119	-0.461	0.75	47	1981	20.66	4.78E-15	Middle
348-02	1.607	-1.163	0.95	55	1981	6.84	2.87E-37	Upper
349-01	0.945	-2.210	0.63	33	1965	11.06	3.48E-08	Lower
349-01	0.965	-2.183	0.65	31	1965	10.22	4.26E-08	Middle
349-01	1.048	-2.113	0.70	38	1965	14.23	5.68E-11	Upper
349-02	0.844	-0.363	0.69	36	1995	8.25	4.73E-10	Lower
349-02	1.352	-1.905	0.55	37	1995	37.66	1.32E-07	Middle
349-02	1.383	-1.943	0.59	41	1995	37.83	4.74E-09	Upper
349-03	1.343	-1.687	0.89	33	1965	11.39	3.18E-16	Lower
349-03	1.260	-1.786	0.89	31	1965	9.58	2.62E-15	Middle
349-03	1.196	-1.847	0.88	41	1965	11.72	1.39E-19	Upper
350-01	0.808	-0.117	0.93	56	1973	3.44	4.34E-33	Lower
350-01	1.365	-1.043	0.88	57	1973	17.85	3.02E-27	Middle
350-01	1.479	-1.390	0.96	61	1973	6.21	2.10E-44	Upper
350-02	0.817	-0.095	0.91	89	1981	6.20	1.90E-47	Lower
350-02	0.887	-0.408	0.74	92	1981	26.58	3.98E-28	Middle
350-02	1.464	-1.386	0.95	95	1981	11.66	1.01E-61	Upper
350-03	1.226	-0.484	0.76	67	1985	32.03	9.90E-22	Lower
350-03	1.658	-1.150	0.97	66	1981	5.24	3.00E-51	Middle
350-03	1.530	-1.282	0.97	74	1985	5.73	2.53E-55	Upper
351-01	0.765	-0.135	0.85	112	1983	11.06	1.74E-47	Lower
351-01	1.209	-0.851	0.79	115	1983	42.64	1.30E-40	Middle
351-01	1.478	-1.358	0.94	118	1983	14.66	1.24E-74	Upper
352-01	1.663	-1.521	0.69	271	1994	213.04	6.04E-71	Middle
352-01	1.577	-1.602	0.71	278	1992	181.64	2.40E-76	Upper
354-01	1.302	-1.140	0.72	19	1973	13.76	3.94E-06	Lower
354-01	1.349	-1.747	0.78	20	1973	9.13	2.98E-07	Middle
354-01	1.308	-1.763	0.86	28	1973	9.27	1.23E-12	Upper
354-02	1.365	-1.331	0.79	121	1975	73.47	5.12E-42	Lower
354-02	1.419	-1.687	0.88	120	1975	40.41	4.17E-56	Middle
354-02	1.316	-1.773	0.87	129	1975	39.89	1.82E-58	Upper
354-30	1.521	-1.345	0.98	37	1975	2.46	2.11E-30	Lower
354-30	1.491	-1.374	0.97	34	1975	2.84	4.89E-26	Middle
354-30	1.401	-1.467	0.96	43	1975	4.04	1.10E-30	Upper
355-02	1.353	-1.535	0.99	96	1965	3.83	1.30E-87	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
355-02	1.266	-1.631	0.99	99	1965	3.06	7.03E-93	Middle
355-02	1.176	-1.729	1.00	102	1965	0.82	3.05E-121	Upper
355-03	1.352	-1.494	0.94	99	1965	15.46	3.22E-62	Lower
355-03	1.291	-1.678	0.96	101	1965	8.93	4.86E-73	Middle
355-03	1.219	-1.755	0.95	108	1965	10.34	3.37E-73	Upper
357-01	1.623	-1.346	0.79	133	1977	95.13	3.06E-46	Lower
357-01	1.623	-1.549	0.83	135	1977	71.74	9.16E-54	Middle
357-01	1.528	-1.618	0.83	139	1977	67.54	1.24E-54	Upper
357-02	0.840	0.035	0.88	15	1987	1.22	2.50E-07	Lower
357-02	1.593	-1.576	0.78	20	1987	12.00	2.85E-07	Upper
358-02	1.338	-0.967	0.87	130	1985	28.27	2.57E-58	Lower
358-02	1.491	-1.329	0.95	130	1985	12.02	1.37E-85	Middle
358-02	1.412	-1.405	0.93	136	1985	17.03	4.04E-78	Upper
359-01	1.300	-1.427	0.94	26	1967	4.93	7.81E-16	Lower
359-01	1.249	-1.649	0.99	26	1967	0.45	1.02E-27	Middle
359-01	1.189	-1.714	1.00	32	1967	0.13	6.56E-43	Upper
359-02	1.435	-1.151	0.88	37	1966	12.68	6.25E-18	Lower
359-02	1.440	-1.350	0.95	38	1965	5.40	1.11E-24	Middle
359-02	1.316	-1.464	0.93	45	1966	7.03	4.26E-27	Upper
359-05	1.325	-1.563	0.99	112	1959	3.80	1.33E-105	Lower
359-05	1.260	-1.631	0.97	113	1959	6.85	2.74E-90	Middle
359-05	1.202	-1.692	0.97	118	1959	8.00	4.60E-89	Upper
361-01	1.354	-1.527	0.97	37	1968	2.42	1.12E-28	Lower
361-01	1.279	-1.610	0.98	37	1968	1.71	6.09E-31	Middle
361-01	1.218	-1.676	0.98	43	1968	1.35	1.17E-37	Upper
361-02	1.983	-0.860	1.00	4	1973	0.00	7.95E-34	Lower
361-02	1.627	-1.241	1.00	4	1973	0.02	9.91E-04	Middle
361-02	1.726	-1.106	0.98	8	1973	0.35	2.11E-06	Upper
362-01	1.297	-1.600	0.99	75	1945	3.21	1.62E-68	Lower
362-01	1.163	-1.744	0.99	76	1945	1.27	7.17E-81	Middle
362-01	1.089	-1.823	1.00	81	1945	0.37	1.09E-105	Upper
364-02	1.425	-1.201	0.93	55	1983	10.08	1.13E-31	Lower
364-02	1.410	-1.455	0.98	58	1983	2.45	2.65E-50	Middle
364-02	1.332	-1.545	0.99	61	1983	1.24	2.24E-60	Upper
365-01	1.789	-1.060	0.99	68	1977	1.39	1.87E-72	Lower
365-01	1.692	-1.162	0.99	69	1977	1.41	9.89E-72	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
365-01	1.614	-1.248	0.99	72	1977	1.11	9.46E-78	Upper
365-02	1.461	-1.414	0.98	20	1964	1.03	5.11E-17	Lower
365-02	1.354	-1.523	0.97	22	1964	1.74	4.48E-16	Middle
365-02	1.288	-1.596	0.96	26	1964	2.01	1.10E-18	Upper
365-03	1.331	-1.425	0.94	126	1964	18.05	3.40E-78	Lower
365-03	1.304	-1.579	0.97	125	1964	8.79	2.65E-94	Middle
365-03	1.237	-1.653	0.96	132	1964	9.89	4.10E-95	Upper
367-01	1.391	-1.387	0.54	64	1982	91.62	4.42E-12	Lower
367-01	1.505	-1.695	0.67	68	1982	69.37	2.45E-17	Middle
367-01	1.432	-1.749	0.68	72	1986	62.69	3.81E-19	Upper
368-02	1.418	-1.648	0.94	124	1958	22.43	1.28E-78	Lower
368-02	1.338	-1.736	0.94	123	1958	21.83	9.80E-76	Middle
368-02	1.252	-1.816	0.94	131	1958	21.44	9.19E-79	Upper
368-03	1.585	-1.543	0.75	61	1971	37.26	1.93E-19	Lower
368-03	1.481	-1.652	0.71	60	1971	37.57	2.51E-17	Middle
368-03	1.487	-1.654	0.74	68	1971	38.89	7.27E-21	Upper
369-01	1.406	-1.474	0.98	5	1973	0.24	1.55E-03	Lower
369-01	1.421	-1.458	0.99	6	1973	0.10	1.43E-05	Middle
369-01	1.290	-1.605	0.99	11	1973	0.17	2.09E-10	Upper
369-02	1.428	-1.443	0.98	40	1973	1.62	7.75E-36	Lower
369-02	1.361	-1.510	0.97	44	1973	3.50	1.53E-32	Middle
369-02	1.303	-1.570	0.95	46	1973	4.60	6.83E-31	Upper
370-01	1.345	-1.514	0.97	66	1982	4.54	1.12E-52	Lower
370-01	1.267	-1.587	0.97	68	1965	5.69	7.40E-50	Middle
370-01	1.207	-1.657	0.97	77	1965	4.38	5.14E-60	Upper
370-02	1.326	-1.560	0.99	98	1965	2.94	2.64E-91	Lower
370-02	1.258	-1.628	0.97	100	1965	6.32	1.58E-74	Middle
370-02	1.203	-1.689	0.97	104	1965	5.56	6.57E-80	Upper
371-01	1.311	-1.755	0.63	78	1982	85.03	5.06E-18	Lower
371-01	1.335	-1.851	0.69	79	1952	65.58	4.73E-21	Middle
371-01	1.305	-1.891	0.72	85	1982	63.28	2.29E-24	Upper
371-04	1.252	-1.646	0.99	46	1956	1.20	6.79E-46	Lower
371-04	1.170	-1.735	1.00	47	1956	0.49	1.14E-54	Middle
371-04	1.124	-1.786	1.00	51	1956	0.19	7.49E-69	Upper
372-01	1.331	-0.987	0.54	61	1990	86.09	1.50E-11	Lower
372-01	1.537	-1.592	0.72	61	1980	51.38	3.51E-18	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
372-01	1.440	-1.665	0.75	68	1980	44.29	2.05E-21	Upper
372-03	0.787	-0.111	0.92	137	1988	5.89	1.20E-77	Lower
372-03	1.141	-0.631	0.76	134	1988	47.37	9.44E-43	Middle
372-03	1.530	-1.272	0.95	147	1988	15.89	1.79E-94	Upper
372-05	0.780	-0.041	0.82	42	1992	4.28	1.25E-16	Lower
372-05	1.545	-1.033	0.88	41	1992	10.73	1.56E-19	Middle
372-05	1.543	-1.196	0.92	48	1992	7.14	2.24E-27	Upper
373-01	1.781	-1.051	0.98	15	1990	0.99	5.43E-12	Lower
373-01	1.620	-1.223	0.97	16	1990	1.34	6.66E-12	Middle
373-01	1.508	-1.335	0.97	20	1990	1.17	3.36E-15	Upper
374-01	1.334	-1.534	0.98	20	1978	1.17	1.67E-16	Lower
374-01	1.310	-1.563	0.98	20	1954	1.07	9.10E-17	Middle
374-01	1.228	-1.637	0.98	32	1979	1.46	7.36E-26	Upper
374-02	1.143	-0.997	0.82	140	1984	54.25	2.21E-53	Lower
374-02	1.343	-1.442	0.94	137	1984	21.66	4.85E-84	Middle
374-02	1.293	-1.478	0.92	150	1951	29.88	4.89E-82	Upper
374-03	1.443	-1.569	0.91	245	1976	60.61	6.29E-132	Lower
374-03	1.378	-1.629	0.90	244	1976	63.44	8.69E-125	Middle
374-03	1.344	-1.667	0.89	257	1976	71.57	1.38E-124	Upper
375-02	1.233	-0.631	0.80	16	1987	5.15	3.33E-06	Lower
375-02	1.709	-1.143	0.98	15	1987	0.76	9.46E-13	Middle
375-02	1.525	-1.308	0.95	21	1987	1.94	4.32E-14	Upper
375-03	0.548	0.078	0.67	163	1993	15.64	9.02E-41	Lower
375-03	1.534	-1.791	0.63	169	1993	148.79	2.27E-38	Upper
376-01	1.301	-1.589	0.98	122	1959	4.68	4.55E-107	Lower
376-01	1.209	-1.689	0.99	123	1959	2.31	1.55E-122	Middle
376-01	1.153	-1.750	0.99	132	1965	1.45	4.26E-143	Upper
378-03	0.867	0.545	0.90	95	1993	4.16	1.09E-48	Lower
380-01	1.651	-1.206	0.98	19	1985	1.03	1.20E-16	Lower
380-01	1.555	-1.315	0.99	18	1985	0.40	2.64E-18	Middle
380-01	1.410	-1.467	0.99	24	1985	0.69	1.17E-22	Upper
380-03	0.746	-0.101	0.52	85	1993	26.58	6.13E-15	Lower
380-03	1.594	-1.682	0.61	81	1993	80.74	5.06E-18	Middle
380-03	1.558	-1.741	0.62	92	1993	81.83	8.78E-21	Upper
380-04	0.975	-0.469	0.69	49	1980	22.18	1.43E-13	Lower
380-04	1.560	-1.145	0.88	43	1978	14.57	1.13E-20	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
380-04	1.493	-1.620	0.85	59	1978	23.19	1.47E-25	Upper
381-01	0.495	0.211	0.76	46	1976	2.13	4.13E-15	Lower
381-01	0.529	-0.034	0.79	47	1976	2.13	6.49E-17	Middle
382-02	0.708	-0.152	0.84	57	1991	4.22	1.13E-23	Lower
382-02	0.733	-0.348	0.65	61	1991	13.70	3.37E-15	Middle
382-02	1.508	-1.218	0.89	63	1991	12.97	1.60E-31	Upper
382-03	0.687	0.182	0.68	72	1994	8.00	7.98E-19	Lower
382-04	1.045	-2.088	0.57	74	1995	49.93	6.54E-15	Middle
382-04	1.044	-2.084	0.59	79	1995	51.30	2.00E-16	Upper
382-05	0.947	0.031	0.97	39	1988	1.06	3.70E-29	Lower
382-05	0.891	-0.026	0.94	38	1988	1.76	1.37E-23	Middle
382-05	1.228	-0.594	0.77	43	1988	16.92	7.74E-15	Upper
383-01	1.370	-0.452	0.76	130	1986	69.30	2.00E-41	Lower
383-01	1.729	-1.210	0.86	127	1986	56.55	7.83E-55	Middle
383-01	1.543	-1.449	0.81	138	1986	68.34	3.32E-51	Upper
383-02	1.567	-1.548	0.68	23	1990	19.73	1.15E-06	Upper
385-01	1.298	-0.648	0.76	31	1964	12.20	1.29E-10	Lower
385-01	1.708	-1.096	0.97	32	1964	1.94	4.39E-25	Middle
385-01	1.650	-1.162	0.97	35	1964	2.09	4.36E-27	Upper
385-02	1.764	-1.089	0.99	37	1962	0.60	8.65E-41	Lower
385-02	1.653	-1.209	0.99	37	1962	0.55	2.07E-40	Middle
385-02	1.606	-1.255	0.99	41	1962	0.78	3.08E-42	Upper
386-01	1.254	-0.640	0.77	73	1990	31.20	1.42E-24	Lower
386-01	1.615	-1.207	0.96	71	1990	7.15	5.49E-50	Middle
386-01	1.494	-1.331	0.97	82	1990	6.08	4.68E-60	Upper
386-02	1.551	-1.181	0.96	42	1979	5.90	1.29E-28	Lower
386-02	1.543	-1.324	0.98	41	1979	2.05	2.18E-36	Middle
386-02	1.407	-1.469	0.97	46	1979	2.91	8.04E-37	Upper
386-03	1.387	-0.924	0.85	30	1981	12.71	3.31E-13	Lower
386-03	1.514	-1.355	0.98	31	1981	1.56	2.47E-27	Middle
386-03	1.400	-1.480	0.99	35	1981	1.11	4.86E-33	Upper
386-04	1.574	-1.292	0.98	9	1981	0.61	4.76E-07	Lower
386-04	1.408	-1.468	0.97	12	1981	0.84	4.02E-09	Middle
386-04	1.368	-1.504	0.97	15	1981	1.02	4.86E-11	Upper
387-01	1.541	-1.297	0.97	78	1983	5.53	7.47E-59	Lower
387-01	1.453	-1.381	0.94	79	1983	9.03	6.63E-50	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
387-01	1.392	-1.451	0.95	84	1983	8.53	1.42E-53	Upper
389-01	1.710	-1.139	0.98	52	1978	3.67	9.79E-45	Lower
389-01	1.614	-1.239	0.97	51	1984	4.33	7.75E-41	Middle
389-01	1.461	-1.406	0.98	59	1984	3.78	3.03E-48	Upper
389-02	1.412	-1.465	0.98	22	1976	1.21	2.18E-18	Lower
389-02	1.304	-1.581	0.99	23	1976	0.56	1.34E-21	Middle
389-02	1.249	-1.645	0.99	28	1976	0.34	3.50E-30	Upper
390-02	1.609	-1.259	0.99	14	1977	0.67	1.04E-12	Lower
390-02	1.472	-1.405	0.98	14	1977	0.89	1.37E-11	Middle
390-02	1.362	-1.527	0.99	19	1977	0.59	6.41E-18	Upper
391-04	1.477	-1.402	0.98	16	1980	1.04	4.53E-13	Lower
391-04	1.422	-1.461	0.98	17	1980	0.71	4.39E-15	Middle
391-04	1.359	-1.529	0.99	20	1980	0.64	1.36E-18	Upper
393-07	1.106	-0.486	0.72	92	1986	44.54	2.73E-26	Lower
393-07	1.638	-1.358	0.88	91	1986	32.46	3.97E-43	Middle
393-07	1.543	-1.481	0.87	101	1986	33.58	2.31E-46	Upper
394-01	1.547	-1.323	0.98	14	1980	0.91	1.41E-11	Lower
394-01	1.466	-1.411	0.99	12	1980	0.52	1.88E-10	Middle
394-01	1.356	-1.531	0.99	18	1980	0.33	2.16E-18	Upper
394-02	1.592	-0.957	0.89	44	1964	11.65	5.67E-22	Lower
394-02	1.655	-1.181	0.98	46	1964	1.84	1.41E-40	Middle
394-02	1.615	-1.227	0.98	48	1964	1.85	2.22E-42	Upper
396-01	1.800	-1.356	0.74	72	1992	51.02	2.75E-22	Middle
396-01	1.680	-1.459	0.75	73	1992	43.98	6.16E-23	Upper
396-02	1.393	-1.492	0.98	96	1992	4.16	8.24E-86	Lower
396-02	1.299	-1.593	0.99	97	1967	2.62	8.32E-93	Middle
396-02	1.205	-1.694	0.97	104	1967	5.47	7.73E-82	Upper
396-03	0.698	-0.186	0.86	107	1988	7.25	7.47E-46	Lower
396-03	1.353	-1.056	0.85	105	1988	28.58	6.26E-44	Middle
396-03	1.441	-1.381	0.96	113	1988	8.08	4.62E-79	Upper
396-30	0.778	-0.003	0.84	32	1992	2.51	2.32E-13	Lower
396-30	0.725	-0.100	0.79	32	1992	2.93	7.72E-12	Middle
396-30	1.479	-0.955	0.83	38	1992	11.03	1.78E-15	Upper
397-01	1.408	-1.472	0.98	55	1965	3.35	3.41E-47	Lower
397-01	1.339	-1.547	0.98	55	1965	3.62	5.76E-45	Middle
397-01	1.265	-1.628	0.98	61	1965	3.08	9.46E-52	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
397-02	1.282	-1.618	0.99	27	1965	0.60	5.02E-28	Lower
397-02	1.198	-1.707	1.00	29	1965	0.07	5.29E-42	Middle
397-02	1.156	-1.752	1.00	32	1965	0.06	7.88E-48	Upper
397-03	0.868	-0.149	0.51	67	1982	37.64	1.06E-11	Lower
397-03	1.602	-1.398	0.72	68	1982	55.44	7.89E-20	Middle
397-03	1.524	-1.567	0.72	78	1982	54.90	7.40E-23	Upper
397-05	0.728	-0.040	0.81	83	1960	6.98	3.70E-31	Lower
397-05	0.993	-0.458	0.65	85	1992	31.79	1.29E-20	Middle
397-05	1.519	-1.114	0.86	92	1992	23.63	8.01E-40	Upper
398-01	1.612	-1.618	0.79	95	1982	59.27	5.28E-33	Lower
398-01	1.540	-1.674	0.80	94	1982	51.37	1.11E-33	Middle
398-01	1.390	-1.813	0.79	99	1982	45.77	1.41E-34	Upper
399-01	0.736	-0.133	0.88	44	1991	2.51	1.08E-20	Lower
399-01	1.085	-0.652	0.74	46	1991	14.18	2.78E-14	Middle
399-01	1.543	-1.229	0.95	50	1991	4.55	5.40E-33	Upper
399-02	0.761	-0.146	0.94	16	1991	0.63	6.69E-10	Lower
399-02	1.538	-1.236	0.93	18	1991	3.08	7.07E-11	Middle
399-02	1.475	-1.290	0.91	24	1975	4.80	3.04E-13	Upper
400-30	0.816	-0.100	0.97	5	1989	0.09	1.73E-03	Lower
400-30	1.029	-0.496	0.71	9	1989	3.67	4.59E-03	Middle
400-30	1.520	-1.272	0.93	10	1989	1.64	7.78E-06	Upper
402-03	0.727	-0.060	0.90	62	1995	2.41	3.38E-31	Lower
402-03	0.633	-0.243	0.92	66	1995	1.50	1.58E-36	Middle
402-03	1.530	-1.677	0.64	67	1995	54.91	3.30E-16	Upper
407-01	1.504	-1.861	0.61	59	1994	54.13	3.38E-13	Lower
407-01	1.397	-1.958	0.63	56	1994	41.89	3.73E-13	Middle
407-01	1.465	-1.870	0.61	65	1994	58.03	2.00E-14	Upper
412-02	0.611	0.183	0.70	17	1993	1.84	2.55E-05	Lower
412-02	0.684	0.109	0.81	17	1993	1.28	9.77E-07	Middle
412-02	1.509	-1.805	0.60	23	1993	23.63	1.53E-05	Upper
830-01	1.353	-1.531	0.98	61	1965	3.48	1.93E-49	Lower
830-01	1.282	-1.605	0.97	61	1965	4.16	6.66E-46	Middle
830-01	1.215	-1.677	0.97	67	1965	3.43	1.37E-52	Upper
830-03	1.316	-1.848	0.84	28	1966	11.22	9.76E-12	Lower
830-03	1.260	-1.927	0.87	29	1966	8.74	1.46E-13	Middle
830-03	1.243	-1.901	0.83	34	1966	13.29	9.48E-14	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
830-05	1.410	-1.489	0.93	30	1958	5.94	4.11E-18	Lower
830-05	1.306	-1.669	0.91	35	1972	8.26	8.63E-19	Middle
830-05	1.265	-1.730	0.89	46	1985	11.45	9.69E-23	Upper
830-09	0.784	-0.426	0.64	58	1954	24.03	3.64E-14	Lower
830-09	1.304	-1.266	0.80	58	1954	29.15	1.74E-21	Middle
830-09	1.214	-1.825	0.72	64	1954	44.80	8.61E-19	Upper
830-10	1.267	-1.976	0.81	29	1954	15.95	3.29E-11	Lower
830-10	1.193	-2.015	0.80	29	1954	14.41	4.61E-11	Middle
830-10	1.179	-2.067	0.82	34	1954	15.20	2.03E-13	Upper
830-11	1.314	-1.584	0.99	38	1958	1.32	4.08E-36	Lower
830-11	1.217	-1.688	0.99	40	1958	0.72	1.38E-41	Middle
830-11	1.156	-1.752	1.00	44	1958	0.30	8.07E-54	Upper
830-14	1.336	-1.555	1.00	14	1970	0.12	2.99E-16	Lower
830-14	1.267	-1.629	1.00	14	1970	0.17	3.12E-15	Middle
830-14	1.216	-1.683	1.00	19	1970	0.17	1.20E-21	Upper
830-15	1.024	-2.151	0.68	10	1951	3.57	3.19E-03	Lower
830-15	1.179	-1.945	0.78	13	1951	5.26	6.52E-05	Middle
830-15	1.174	-2.019	0.79	15	1951	6.03	8.71E-06	Upper
830-16	0.884	-0.058	0.97	68	1982	1.84	6.10E-50	Lower
830-16	1.698	-1.038	0.97	65	1982	6.53	1.15E-47	Middle
830-16	1.630	-1.181	0.98	73	1982	4.00	3.67E-61	Upper
830-17	1.406	-1.758	0.81	14	1976	6.03	9.88E-06	Lower
830-17	1.383	-1.816	0.73	15	1976	8.33	4.74E-05	Middle
830-17	1.417	-1.759	0.81	19	1976	8.28	1.32E-07	Upper
831-03	1.269	-1.633	0.99	54	1951	1.01	4.97E-57	Lower
831-03	1.194	-1.712	1.00	53	1951	0.51	1.11E-61	Middle
831-03	1.116	-1.795	1.00	60	1951	0.24	4.99E-79	Upper
831-04	1.323	-1.571	1.00	77	1959	0.97	1.14E-88	Lower
831-04	1.236	-1.666	0.99	79	1959	1.50	3.67E-81	Middle
831-04	1.157	-1.751	1.00	83	1959	0.62	9.44E-100	Upper
831-05	1.354	-0.416	0.63	106	1988	81.22	4.19E-24	Lower
831-05	1.219	-1.891	0.55	107	1988	93.41	7.18E-20	Middle
831-05	1.146	-1.959	0.55	111	1988	84.80	9.60E-21	Upper
831-06	1.311	-1.584	0.99	97	1953	2.10	1.01E-98	Lower
831-06	1.234	-1.666	0.99	96	1953	2.60	2.20E-91	Middle
831-06	1.150	-1.758	0.99	103	1953	1.69	7.69E-105	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
831-07	1.533	-0.985	0.90	50	1978	15.82	4.25E-26	Lower
831-07	1.580	-1.248	0.98	52	1978	3.74	3.47E-43	Middle
831-07	1.478	-1.347	0.97	57	1978	4.82	1.10E-43	Upper
831-08	1.023	-0.520	0.75	48	1982	16.43	1.73E-15	Lower
831-08	1.535	-1.310	0.96	48	1982	4.29	5.60E-35	Middle
831-08	1.435	-1.406	0.95	54	1982	6.21	1.67E-34	Upper
831-11	1.430	-1.442	0.97	4	1971	0.34	1.72E-02	Lower
831-11	1.289	-1.597	0.98	10	1971	0.36	5.18E-08	Upper
831-12	1.521	-1.362	0.98	24	1975	1.44	4.84E-20	Lower
831-12	1.453	-1.426	0.96	24	1975	2.16	2.42E-17	Middle
831-12	1.362	-1.518	0.97	30	1975	2.25	3.12E-22	Upper
831-13	1.616	-0.963	0.62	54	1991	41.95	1.75E-12	Lower
831-14	1.130	-2.179	0.56	26	1994	14.65	1.08E-05	Middle
831-14	1.248	-2.083	0.61	30	1994	18.13	3.96E-07	Upper
831-15	1.297	-1.600	1.00	22	1962	0.14	8.30E-28	Lower
831-15	1.221	-1.682	1.00	23	1962	0.19	1.48E-27	Middle
831-15	1.144	-1.765	1.00	26	1962	0.13	3.84E-33	Upper
831-16	1.824	-0.452	0.61	10	1965	8.48	7.27E-03	Lower
831-16	1.866	-0.982	1.00	12	1997	0.11	7.30E-13	Middle
831-16	1.949	-0.870	0.97	14	1997	0.95	1.58E-10	Upper
831-19	1.500	-1.368	0.98	14	1978	0.56	2.92E-12	Lower
831-19	1.449	-1.421	0.97	13	1978	0.93	6.41E-10	Middle
831-19	1.370	-1.505	0.97	18	1978	1.25	2.09E-13	Upper
832-01	1.433	-1.079	0.91	72	1990	14.24	7.54E-39	Lower
832-01	1.505	-1.355	0.99	72	1990	2.35	5.83E-67	Middle
832-01	1.414	-1.449	0.98	78	1990	2.46	3.00E-70	Upper
832-02	1.217	-1.747	0.63	59	1976	49.15	8.53E-14	Lower
832-02	1.040	-2.136	0.62	61	1976	38.10	5.17E-14	Middle
832-02	1.073	-2.113	0.68	68	1967	39.87	6.44E-18	Upper
832-04	1.890	-0.961	1.00	43	1970	0.04	4.71E-57	Upper
832-05	1.543	-1.329	1.00	41	1973	0.51	2.70E-49	Lower
832-05	1.505	-1.365	1.00	41	1973	0.50	6.13E-49	Middle
832-05	1.428	-1.433	0.99	46	1973	1.95	4.50E-42	Upper
832-06	0.905	-0.187	0.84	25	1983	4.14	1.34E-10	Lower
832-06	1.692	-1.139	0.98	26	1983	1.87	2.92E-21	Middle
832-06	1.593	-1.225	0.97	30	1983	2.74	4.24E-22	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-08	1.445	-1.296	0.96	69	1977	6.12	1.74E-48	Lower
832-08	1.411	-1.456	0.97	72	1977	4.62	1.91E-53	Middle
832-08	1.308	-1.569	0.97	75	1977	3.95	1.98E-57	Upper
832-10	1.111	-0.802	0.77	171	1983	61.85	4.15E-56	Lower
832-10	1.423	-1.417	0.95	169	1983	17.33	8.46E-112	Middle
832-10	1.345	-1.510	0.97	177	1983	11.26	6.95E-130	Upper
832-11	1.838	-1.321	0.85	24	1988	9.93	1.38E-10	Middle
832-11	1.740	-1.475	0.80	28	1988	14.55	1.09E-10	Upper
832-12	0.803	0.160	0.80	109	1993	16.01	5.06E-39	Lower
832-12	1.388	-0.865	0.64	112	1980	110.37	5.08E-26	Middle
832-12	1.524	-1.573	0.71	117	1980	99.41	1.07E-32	Upper
832-13	1.453	-1.249	0.63	27	1963	22.74	6.74E-07	Lower
832-13	1.291	-2.003	0.52	30	1963	30.73	6.26E-06	Middle
832-13	1.332	-1.979	0.56	32	1963	30.65	8.37E-07	Upper
832-14	1.087	-1.996	0.56	8	1957	3.52	3.32E-02	Upper
832-15	1.392	-1.080	0.90	16	1980	4.05	2.43E-08	Lower
832-15	1.461	-1.400	0.97	15	1980	1.17	2.25E-11	Middle
832-15	1.395	-1.471	0.97	21	1980	1.40	5.77E-16	Upper
832-17	1.802	-1.051	0.99	12	1968	0.12	6.19E-12	Upper
832-18	1.304	-1.062	0.85	96	1986	30.31	1.85E-40	Lower
832-18	1.459	-1.371	0.94	94	1986	12.85	2.38E-59	Middle
832-18	1.406	-1.425	0.94	102	1986	13.46	1.20E-62	Upper
832-19	0.666	-0.199	0.77	92	1986	9.99	7.82E-31	Lower
832-19	0.727	-0.462	0.67	92	1986	19.36	2.04E-23	Middle
832-19	1.419	-1.386	0.92	98	1986	14.34	2.36E-54	Upper
832-20	0.734	-0.157	0.82	123	1983	12.85	2.08E-46	Lower
832-20	1.233	-1.007	0.83	123	1983	33.40	7.70E-49	Middle
832-20	1.386	-1.459	0.96	129	1983	9.71	2.80E-88	Upper
832-21	1.611	-1.748	0.66	33	1994	28.19	1.13E-08	Lower
832-21	1.561	-1.787	0.68	35	1994	25.99	9.84E-10	Middle
832-21	1.534	-1.797	0.68	39	1994	27.60	1.07E-10	Upper
832-22	0.804	-0.118	0.92	20	1979	1.26	1.80E-11	Lower
832-22	1.520	-1.346	0.98	22	1979	1.16	9.03E-19	Middle
832-22	1.390	-1.478	0.97	30	1978	2.05	4.07E-22	Upper
832-24	1.204	-1.699	0.99	5	1964	0.07	1.99E-04	Middle
832-24	1.184	-1.722	1.00	7	1964	0.03	7.19E-08	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-25	1.177	-0.900	0.83	25	1978	6.73	3.01E-10	Lower
832-25	1.436	-1.430	0.98	24	1978	0.91	1.56E-20	Middle
832-25	1.345	-1.515	0.96	31	1978	2.04	4.52E-22	Upper
832-26	1.506	-1.375	1.00	4	1959	0.00	8.11E-34	Lower
832-26	1.159	-1.749	1.00	5	1959	0.00	6.96E-50	Middle
832-26	1.172	-1.735	1.00	8	1959	0.06	9.44E-09	Upper
832-27	1.340	-0.514	0.67	11	1964	6.44	2.04E-03	Lower
832-27	1.596	-1.295	0.75	12	1964	6.29	2.63E-04	Middle
832-27	1.181	-1.941	0.54	15	1964	12.64	1.90E-03	Upper
832-30	1.707	-1.153	1.00	4	1988	0.06	2.40E-03	Lower
832-30	1.609	-1.246	0.98	4	1988	0.19	8.55E-03	Middle
832-30	1.494	-1.363	0.98	9	1988	0.34	2.03E-07	Upper
832-31	1.308	-1.584	0.99	21	1957	0.32	1.38E-22	Lower
832-31	1.227	-1.671	0.99	22	1957	0.34	4.39E-23	Middle
832-31	1.146	-1.761	1.00	26	1957	0.20	3.06E-30	Upper
832-33	0.845	0.190	0.96	13	1986	0.32	5.69E-09	Lower
832-33	0.884	-0.022	0.95	13	1986	0.39	1.84E-08	Middle
832-33	1.605	-1.242	0.64	21	1986	23.17	1.25E-05	Upper
832-34	1.644	-1.162	0.95	4	1986	0.52	2.60E-02	Lower
832-34	1.689	-1.149	0.96	7	1986	0.66	7.94E-05	Middle
832-34	1.512	-1.302	0.94	9	1986	1.17	2.06E-05	Upper
832-35	1.062	-0.431	0.78	33	1986	7.82	1.11E-11	Lower
832-35	1.582	-1.245	0.97	31	1986	1.78	6.43E-24	Middle
832-35	1.458	-1.373	0.96	39	1986	2.40	7.19E-28	Upper
832-38	1.388	-1.494	0.98	8	1958	0.47	3.45E-06	Lower
832-38	1.425	-1.461	0.99	3	1958	0.05	4.54E-02	Middle
832-38	1.246	-1.650	0.98	13	1958	0.64	3.18E-10	Upper
832-39	1.188	-1.719	1.00	6	1958	0.03	1.73E-06	Lower
832-39	1.172	-1.735	1.00	5	1958	0.02	3.15E-05	Middle
832-39	1.123	-1.788	1.00	10	1958	0.01	1.61E-15	Upper
833-06	1.534	-1.718	0.72	26	1980	24.61	5.26E-08	Middle
833-06	1.374	-1.811	0.73	29	1980	20.43	4.25E-09	Upper
833-08	0.777	-0.062	0.90	159	1987	7.40	1.17E-80	Lower
833-08	0.693	-0.198	0.91	157	1987	5.09	3.77E-83	Middle
833-08	1.362	-1.177	0.89	165	1987	26.86	1.63E-79	Upper
833-09	0.879	0.022	0.94	88	1986	3.48	1.18E-54	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
833-09	0.819	-0.088	0.95	85	1986	2.55	4.27E-55	Middle
833-09	1.667	-1.217	0.81	94	1986	50.20	1.14E-34	Upper
833-11	0.533	0.356	0.64	30	1994	2.44	9.27E-08	Lower
834-01	0.882	-0.056	0.97	74	1986	1.68	1.27E-55	Lower
834-01	1.304	-0.556	0.78	74	1986	31.59	1.10E-25	Middle
834-01	1.728	-1.105	0.98	79	1986	4.11	1.40E-67	Upper
834-03	0.844	-0.089	0.96	43	1987	1.37	8.76E-30	Lower
834-03	1.569	-0.919	0.88	44	1987	14.14	2.60E-21	Middle
834-03	1.660	-1.197	0.98	48	1987	2.04	2.60E-43	Upper
834-06	1.378	-1.246	0.93	36	1972	5.75	4.21E-21	Lower
834-06	1.375	-1.506	0.98	33	1972	1.35	1.43E-28	Middle
834-06	1.270	-1.618	0.98	42	1972	1.65	1.06E-34	Upper
834-08	1.160	-0.886	0.77	141	1960	76.87	2.23E-46	Lower
834-08	1.291	-1.905	0.80	138	1960	80.27	6.31E-49	Middle
834-08	1.207	-2.021	0.80	146	1960	74.29	1.06E-51	Upper
834-11	1.297	-1.601	1.00	5	1969	0.00	1.12E-07	Lower
834-11	1.254	-1.647	1.00	5	1969	0.00	1.21E-50	Middle
834-11	1.247	-1.655	0.99	11	1969	0.21	1.00E-10	Upper
834-12	1.002	-0.377	0.72	95	1992	34.11	2.94E-27	Lower
834-12	1.589	-1.181	0.93	91	1992	15.03	4.21E-54	Middle
834-12	1.506	-1.287	0.95	101	1992	10.57	1.44E-66	Upper
834-13	1.463	-1.742	0.87	21	1973	8.38	6.02E-10	Lower
834-13	1.365	-1.882	0.83	20	1973	8.40	1.98E-08	Middle
834-13	1.333	-1.880	0.88	27	1973	8.00	3.05E-13	Upper
834-14	1.324	-1.571	0.99	35	1955	1.16	3.41E-33	Lower
834-14	1.262	-1.636	0.99	34	1955	1.10	2.29E-31	Middle
834-14	1.162	-1.745	0.99	41	1955	0.88	4.29E-40	Upper
834-15	1.438	-1.266	0.95	40	1982	5.42	1.01E-25	Lower
834-15	1.404	-1.470	0.99	39	1982	0.89	2.23E-38	Middle
834-15	1.331	-1.548	0.99	46	1982	0.96	3.44E-45	Upper
834-17	0.960	-0.337	0.78	64	1987	16.21	4.02E-22	Lower
834-17	1.586	-1.251	0.97	68	1987	5.62	9.12E-51	Middle
834-17	1.467	-1.383	0.97	69	1987	4.50	1.39E-52	Upper
834-18	1.380	-1.251	0.90	18	1970	5.24	2.55E-09	Lower
834-18	1.387	-1.434	0.96	17	1970	1.68	3.50E-12	Middle
834-18	1.318	-1.487	0.95	22	1970	2.91	3.68E-14	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
834-19	1.426	-1.440	0.98	18	1980	0.86	4.66E-15	Lower
834-19	1.361	-1.508	0.98	18	1980	0.75	3.74E-15	Middle
834-19	1.299	-1.578	0.98	23	1980	0.75	4.97E-20	Upper
835-01	1.328	-1.468	0.97	79	1965	6.24	2.83E-59	Lower
835-01	1.261	-1.638	1.00	80	1965	0.87	7.74E-92	Middle
835-01	1.176	-1.728	1.00	85	1965	0.63	2.85E-101	Upper
835-02	1.453	-1.479	0.78	69	1966	52.09	1.96E-23	Lower
835-02	1.394	-1.797	0.86	69	1966	28.06	5.27E-30	Middle
835-02	1.288	-1.875	0.84	75	1966	29.05	7.13E-31	Upper
835-03	1.249	-1.652	0.99	25	1947	0.57	9.43E-26	Lower
835-03	1.164	-1.744	1.00	24	1947	0.11	6.91E-32	Middle
835-03	1.099	-1.813	1.00	30	1947	0.07	2.36E-43	Upper
835-04	1.306	-1.587	0.99	23	1960	0.50	2.28E-23	Lower
835-04	1.234	-1.664	0.99	24	1960	0.42	9.35E-25	Middle
835-04	1.163	-1.741	0.99	29	1960	0.36	3.97E-31	Upper
835-05	1.098	-0.631	0.76	56	1979	22.53	2.26E-18	Lower
835-05	1.498	-1.350	0.95	55	1979	6.45	6.43E-37	Middle
835-05	1.394	-1.465	0.95	62	1979	6.25	2.26E-41	Upper
835-06	1.205	-0.722	0.66	103	1953	81.63	4.37E-25	Lower
835-06	1.365	-1.581	0.77	102	1953	57.28	7.37E-34	Middle
835-06	1.267	-1.819	0.76	113	1953	58.90	2.06E-36	Upper
835-08	1.496	-1.358	0.98	45	1962	2.53	5.80E-39	Lower
835-08	1.427	-1.437	0.99	42	1962	1.61	5.39E-39	Middle
835-08	1.319	-1.541	0.98	54	1984	2.46	6.71E-46	Upper
835-09	1.282	-1.614	0.99	83	1955	1.14	4.26E-93	Lower
835-09	1.189	-1.717	1.00	82	1955	0.63	1.70E-99	Middle
835-09	1.126	-1.784	1.00	89	1955	0.32	9.90E-120	Upper
835-10	1.331	-1.452	0.94	72	1971	11.91	5.53E-45	Lower
835-10	1.278	-1.598	0.96	75	1955	7.31	7.38E-53	Middle
835-10	1.217	-1.670	0.97	88	1956	5.52	2.17E-67	Upper
835-11	0.703	0.209	0.70	16	1993	2.15	5.77E-05	Lower
835-11	1.312	-1.944	0.51	22	1993	24.07	1.88E-04	Upper
835-12	1.260	-0.913	0.76	80	1965	43.78	4.54E-26	Lower
835-12	1.466	-1.674	0.80	78	1965	48.16	4.46E-28	Middle
835-12	1.411	-1.744	0.78	86	1965	51.82	1.45E-29	Upper
835-13	1.285	-2.021	0.54	12	1993	11.99	6.48E-03	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-14	1.302	-1.071	0.87	30	1977	8.44	4.17E-14	Lower
835-14	1.402	-1.465	0.97	29	1977	2.09	4.45E-22	Middle
835-14	1.330	-1.545	0.98	36	1977	1.72	3.61E-29	Upper
835-15	1.209	-1.937	0.72	131	1951	94.03	3.36E-37	Lower
835-15	1.120	-2.085	0.74	133	1951	73.58	4.61E-40	Middle
835-15	1.065	-2.114	0.74	137	1951	69.44	5.81E-41	Upper
835-16	0.990	-0.653	0.76	36	1975	11.84	6.06E-12	Lower
835-16	1.414	-1.446	0.96	40	1975	3.58	5.44E-28	Middle
835-16	1.313	-1.561	0.97	42	1975	2.49	2.64E-31	Upper
835-19	1.750	-1.066	0.98	5	1997	0.28	1.42E-03	Lower
835-19	2.034	-0.805	1.00	4	1997	0.00	1.26E-04	Middle
835-19	1.661	-1.149	0.97	9	1997	0.54	1.15E-06	Upper
837-01	1.340	-1.550	0.99	43	1956	1.75	5.63E-40	Lower
837-01	1.243	-1.654	0.99	41	1956	1.54	1.85E-37	Middle
837-01	1.173	-1.730	0.99	49	1956	1.25	2.20E-47	Upper
837-06	1.275	-1.198	0.86	34	1983	12.26	2.73E-15	Lower
837-06	1.358	-1.433	0.93	34	1983	6.70	1.06E-19	Middle
837-06	1.251	-1.498	0.92	46	1945	8.12	2.14E-25	Upper
837-08	1.438	-1.230	0.93	113	1975	21.86	5.21E-65	Lower
837-08	1.436	-1.426	0.96	117	1975	10.60	3.58E-85	Middle
837-08	1.341	-1.534	0.97	119	1975	8.30	2.00E-89	Upper
837-12	1.266	-0.765	0.78	104	1980	56.54	3.35E-35	Lower
837-12	1.504	-1.386	0.91	106	1980	29.66	3.19E-55	Middle
837-12	1.440	-1.517	0.87	113	1980	39.31	7.40E-52	Upper
837-18	1.434	-1.453	1.00	10	1958	0.02	2.50E-14	Lower
837-18	1.398	-1.491	1.00	11	1958	0.02	9.85E-16	Middle
837-18	1.343	-1.551	1.00	13	1958	0.07	1.39E-16	Upper
838-05	1.942	-0.904	1.00	33	1986	0.09	7.43E-50	Lower
838-05	1.864	-0.988	1.00	35	1986	0.17	2.54E-48	Middle
838-05	1.718	-1.137	0.99	38	1986	0.99	1.86E-38	Upper
839-03	1.447	-1.766	0.73	59	1977	49.84	9.58E-18	Lower
839-03	1.407	-1.779	0.73	57	1977	44.74	3.08E-17	Middle
839-03	1.316	-1.877	0.73	64	1977	44.83	4.39E-19	Upper
839-04	1.500	-1.383	0.98	10	1972	0.59	1.57E-08	Lower
839-04	1.453	-1.436	0.97	10	1972	0.92	1.19E-07	Middle
839-04	1.372	-1.524	0.97	14	1972	1.25	1.20E-10	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-05	1.544	-1.332	0.99	23	1972	0.73	2.00E-22	Lower
839-05	1.521	-1.358	1.00	23	1972	0.03	2.28E-37	Middle
839-05	1.343	-1.549	0.99	27	1972	0.93	4.16E-25	Upper
839-06	1.541	-1.650	0.85	40	1962	21.19	2.07E-17	Lower
839-06	1.446	-1.762	0.84	41	1962	20.73	4.61E-17	Middle
839-06	1.270	-1.872	0.83	45	1962	18.61	2.50E-18	Upper
839-08	0.718	-0.016	0.67	94	1974	22.56	4.47E-24	Lower
839-08	1.562	-1.054	0.85	91	1974	37.60	6.91E-39	Middle
839-08	1.476	-1.673	0.81	100	1974	48.55	3.01E-37	Upper
839-09	1.331	-1.556	0.99	25	1962	0.72	7.79E-24	Lower
839-09	1.284	-1.608	0.98	25	1962	1.05	5.33E-22	Middle
839-09	1.198	-1.700	0.98	30	1962	1.11	8.62E-26	Upper
839-10	1.496	-1.379	0.57	67	1986	75.26	1.14E-13	Middle
839-10	1.298	-1.843	0.57	75	1986	67.57	4.47E-15	Upper
839-11	1.786	-1.258	0.75	125	1985	100.53	1.79E-38	Lower
839-11	1.711	-1.446	0.77	124	1985	80.84	1.18E-40	Middle
839-11	1.596	-1.555	0.78	130	1985	70.69	1.91E-43	Upper
839-12	1.472	-1.696	0.78	65	1962	37.71	4.27E-22	Lower
839-12	1.372	-1.807	0.75	63	1981	34.14	5.41E-20	Middle
839-12	1.341	-1.809	0.78	71	1981	34.44	2.07E-24	Upper
839-13	0.769	-0.107	0.92	86	1990	3.35	3.47E-48	Lower
839-13	1.563	-0.894	0.85	89	1990	28.33	3.94E-38	Middle
839-13	1.563	-1.336	0.80	91	1990	43.57	1.61E-32	Upper
839-14	1.768	-1.573	0.59	45	1993	58.87	6.04E-10	Lower
839-14	1.609	-1.696	0.57	45	1993	55.97	2.66E-09	Middle
839-14	1.558	-1.736	0.60	51	1993	50.24	2.59E-11	Upper
839-18	1.434	-1.898	0.58	47	1960	48.38	5.88E-10	Middle
839-18	1.400	-1.920	0.58	51	1960	49.38	9.65E-11	Upper
839-21	1.302	-1.594	1.00	3	1970	0.00	3.97E-17	Lower
839-21	1.243	-1.660	1.00	4	1970	0.03	1.43E-03	Middle
839-21	1.199	-1.706	1.00	7	1970	0.06	2.98E-07	Upper
839-23	1.506	-1.368	0.98	17	1978	0.83	1.01E-14	Lower
839-23	1.399	-1.489	1.00	17	1978	0.10	4.90E-21	Middle
839-23	1.309	-1.585	0.99	21	1978	0.25	6.13E-23	Upper
839-24	1.304	-1.835	0.58	24	1988	22.26	1.44E-05	Lower
839-24	1.226	-1.889	0.59	21	1988	16.61	4.52E-05	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-24	1.239	-1.906	0.60	28	1988	22.18	1.29E-06	Upper
840-01	1.477	-1.078	0.91	72	1983	17.23	4.07E-39	Lower
840-01	1.453	-1.425	0.99	74	1983	2.16	3.26E-71	Middle
840-01	1.354	-1.531	0.99	77	1983	0.98	3.16E-85	Upper
840-02	1.365	-1.522	0.98	38	1958	1.51	1.29E-32	Lower
840-02	1.282	-1.612	0.99	36	1958	0.69	1.74E-35	Middle
840-02	1.180	-1.722	0.99	44	1958	0.95	1.51E-40	Upper
840-03	1.400	-1.484	0.98	43	1960	2.23	1.76E-37	Lower
840-03	1.294	-1.599	0.99	44	1960	1.02	1.86E-44	Middle
840-03	1.175	-1.729	0.99	49	1960	0.53	8.43E-55	Upper
840-05	1.312	-1.578	0.99	52	1954	1.13	1.90E-53	Lower
840-05	1.258	-1.624	0.97	55	1954	3.48	7.09E-43	Middle
840-05	1.187	-1.697	0.96	62	1954	5.38	1.56E-42	Upper
840-07	0.363	0.211	0.56	77	1994	8.90	5.69E-15	Lower
840-07	1.182	-0.914	0.68	79	1994	59.38	1.50E-20	Middle
840-07	1.295	-1.497	0.76	88	1965	49.64	1.15E-28	Upper
840-08	1.299	-1.255	0.79	52	1974	31.81	1.49E-18	Lower
840-08	1.287	-1.769	0.84	49	1981	19.87	2.27E-20	Middle
840-08	1.235	-1.843	0.86	68	1974	24.11	2.01E-29	Upper
840-09	1.282	-1.612	0.99	57	1965	1.59	1.29E-54	Lower
840-09	1.213	-1.688	0.99	54	1965	0.67	1.73E-59	Middle
840-09	1.164	-1.742	1.00	62	1965	0.30	1.46E-79	Upper
840-10	1.370	-1.255	0.92	81	1973	18.04	3.72E-46	Lower
840-10	1.366	-1.515	0.98	87	1973	3.99	3.10E-77	Middle
840-10	1.289	-1.602	0.99	87	1973	2.37	1.22E-84	Upper
840-11	1.423	-1.459	0.98	36	1966	2.04	1.60E-31	Lower
840-11	1.339	-1.547	0.98	37	1966	2.41	3.37E-30	Middle
840-11	1.283	-1.610	0.98	42	1966	1.83	4.57E-37	Upper
840-13	1.386	-1.502	0.99	33	1967	0.98	4.60E-33	Lower
840-13	1.323	-1.569	0.99	33	1967	0.75	2.79E-34	Middle
840-13	1.227	-1.674	0.99	38	1967	0.73	1.51E-39	Upper
840-14	1.269	-1.610	0.98	81	1955	3.96	9.98E-71	Lower
840-14	1.185	-1.707	0.99	76	1981	2.55	1.48E-70	Middle
840-14	1.160	-1.720	0.98	95	1960	4.25	6.17E-80	Upper
840-15	1.318	-1.575	0.98	8	1955	0.38	1.13E-06	Lower
840-15	1.224	-1.678	0.99	12	1955	0.31	3.06E-11	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-15	1.128	-1.781	1.00	14	1955	0.03	3.44E-19	Upper
840-18	1.223	-1.680	1.00	5	1965	0.00	1.66E-48	Lower
840-18	1.219	-1.681	0.99	10	1965	0.21	1.16E-09	Middle
840-18	1.162	-1.744	1.00	10	1965	0.03	7.36E-13	Upper
840-19	1.551	-1.307	0.99	4	1981	0.10	5.32E-03	Lower
840-19	1.577	-1.298	1.00	4	1981	0.01	2.18E-04	Middle
840-19	1.399	-1.469	0.98	8	1981	0.36	3.42E-06	Upper
840-20	1.450	-1.659	0.89	30	1966	11.05	4.33E-15	Lower
840-20	1.402	-1.788	0.86	29	1966	13.17	6.17E-13	Middle
840-20	1.348	-1.746	0.86	40	1966	15.03	5.82E-18	Upper
840-22	1.489	-0.972	0.90	34	1979	11.14	1.23E-17	Lower
840-22	1.440	-1.392	0.95	35	1983	5.30	4.30E-23	Middle
840-22	1.353	-1.487	0.96	50	1983	4.97	5.53E-35	Upper
840-24	1.117	-1.686	0.51	17	1970	16.82	1.38E-03	Lower
840-24	1.100	-2.049	0.64	20	1970	12.57	2.09E-05	Middle
840-24	1.068	-2.085	0.60	22	1970	15.02	2.22E-05	Upper
840-26	1.120	-0.713	0.74	73	1961	35.30	1.04E-22	Lower
840-26	1.399	-1.410	0.85	75	1961	29.89	1.15E-31	Middle
840-26	1.249	-1.875	0.74	79	1961	49.20	5.76E-24	Upper
840-27	1.340	-1.556	0.99	65	1965	1.18	4.63E-71	Lower
840-27	1.249	-1.653	1.00	69	1965	0.71	7.39E-81	Middle
840-27	1.173	-1.734	1.00	71	1965	0.36	2.38E-92	Upper
840-31	1.377	-1.281	0.93	27	1966	5.82	8.09E-16	Lower
840-31	1.363	-1.519	0.98	27	1966	1.59	1.82E-22	Middle
840-31	1.273	-1.617	0.98	32	1966	1.85	9.60E-26	Upper
840-33	1.604	-1.177	0.77	60	1973	41.71	3.58E-20	Middle
840-33	1.459	-1.723	0.76	67	1982	41.24	8.52E-22	Upper
840-36	0.828	0.219	0.90	45	1984	3.28	5.59E-23	Lower
840-36	0.817	0.206	0.89	43	1984	3.39	2.31E-21	Middle
840-36	1.004	-0.212	0.72	49	1984	18.31	1.77E-14	Upper
841-01	1.469	-0.687	0.82	79	1977	39.80	1.66E-30	Lower
841-01	1.734	-1.111	0.99	76	1977	1.27	2.57E-86	Middle
841-01	1.612	-1.231	0.99	84	1977	3.01	2.01E-79	Upper
841-02	1.488	-1.374	0.97	32	1981	2.02	8.55E-25	Lower
841-02	1.386	-1.490	0.98	29	1981	1.14	2.36E-25	Middle
841-02	1.332	-1.545	0.98	43	1977	1.23	2.80E-37	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
841-03	0.866	0.032	0.94	56	1991	1.61	2.65E-35	Lower
841-03	0.797	-0.091	0.93	52	1991	1.47	2.63E-31	Middle
841-03	1.690	-1.094	0.76	60	1991	33.53	7.45E-20	Upper
842-04	1.606	-1.060	0.94	78	1990	13.16	9.46E-49	Lower
842-04	1.590	-1.275	0.99	80	1990	1.40	2.95E-87	Middle
842-04	1.480	-1.383	0.99	83	1990	2.24	4.42E-80	Upper
842-05	1.381	-1.491	0.99	23	1957	0.56	7.22E-24	Lower
842-05	1.318	-1.577	1.00	19	1957	0.06	5.37E-27	Middle
842-05	1.238	-1.622	0.98	27	1957	1.64	6.29E-22	Upper
842-07	1.336	-0.919	0.79	58	1960	28.62	1.23E-20	Lower
842-07	1.309	-1.708	0.74	57	1960	38.15	9.67E-18	Middle
842-07	1.195	-1.924	0.69	64	1960	43.64	2.24E-17	Upper
842-10	0.955	-0.234	0.75	66	1982	19.83	4.35E-21	Lower
842-10	1.607	-1.374	0.84	66	1982	32.43	2.58E-27	Middle
842-10	1.508	-1.691	0.83	72	1982	32.32	5.21E-29	Upper
842-12	0.857	-0.079	0.97	113	1987	1.91	1.40E-89	Lower
842-12	1.325	-0.602	0.79	113	1987	45.53	2.75E-39	Middle
842-12	1.745	-1.080	0.98	118	1987	5.48	1.50E-103	Upper
842-13	1.498	-1.323	0.96	23	1967	2.36	1.40E-16	Lower
842-13	1.403	-1.451	0.97	19	1967	1.35	1.91E-14	Middle
842-13	1.352	-1.447	0.93	27	1967	4.39	4.79E-16	Upper
842-15	1.360	-1.532	1.00	64	1951	0.57	1.97E-76	Lower
842-15	1.290	-1.601	0.99	66	1951	1.36	1.74E-65	Middle
842-15	1.211	-1.685	0.98	70	1951	3.06	6.79E-57	Upper
842-16	1.405	-0.971	0.89	47	1979	14.90	6.25E-23	Lower
842-16	1.516	-1.349	0.98	50	1979	2.88	1.01E-42	Middle
842-16	1.383	-1.489	0.97	53	1979	3.82	1.43E-40	Upper
843-01	1.358	-1.031	0.75	153	1966	106.07	6.71E-47	Lower
843-01	1.362	-1.794	0.75	153	1966	106.02	4.10E-47	Middle
843-01	1.264	-1.877	0.73	161	1966	102.79	1.25E-47	Upper
843-03	1.549	-1.306	0.96	36	1975	3.67	2.82E-26	Lower
843-03	1.418	-1.450	0.96	38	1975	3.57	2.94E-27	Middle
843-03	1.276	-1.614	0.99	41	1975	1.11	1.41E-37	Upper
843-06	1.455	-1.403	0.96	58	1961	7.28	1.56E-41	Lower
843-06	1.345	-1.523	0.96	57	1961	5.83	3.22E-41	Middle
843-06	1.234	-1.648	0.97	65	1974	4.53	1.54E-49	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
843-07	0.665	-0.133	0.71	20	1991	2.33	2.98E-06	Lower
843-07	0.644	-0.182	0.71	21	1991	2.55	1.65E-06	Middle
843-07	0.749	-0.415	0.57	26	1991	7.05	8.68E-06	Upper
843-09	1.440	-1.441	0.97	8	1970	0.60	7.77E-06	Lower
843-09	1.398	-1.487	0.97	9	1970	0.70	9.91E-07	Middle
843-09	1.278	-1.608	0.97	14	1970	0.75	1.42E-10	Upper
844-02	1.100	-0.712	0.64	51	1978	44.01	1.87E-12	Lower
844-02	1.556	-1.378	0.93	51	1978	12.25	1.09E-29	Middle
844-02	1.462	-1.496	0.91	56	1978	14.74	6.04E-30	Upper
845-06	1.624	-1.744	0.69	87	1981	70.78	3.46E-23	Lower
845-06	1.517	-1.810	0.69	89	1994	61.92	9.93E-24	Middle
845-06	1.486	-1.850	0.71	94	1994	58.49	2.98E-26	Upper
845-07	1.347	-1.678	0.62	99	1977	91.97	6.19E-22	Lower
845-07	1.259	-1.910	0.63	102	1977	78.93	1.48E-23	Middle
845-07	1.191	-1.967	0.63	109	1977	77.10	5.53E-25	Upper
845-08	1.233	-1.807	0.51	22	1991	20.69	1.87E-04	Middle
845-08	1.215	-1.866	0.50	27	1991	26.43	3.72E-05	Upper
845-09	1.653	-1.066	0.93	35	1979	6.94	1.40E-20	Lower
845-09	1.649	-1.188	0.98	36	1979	2.13	2.80E-29	Middle
845-09	1.449	-1.365	0.96	44	1979	4.31	1.76E-30	Upper
845-18	1.309	-2.074	0.53	16	1978	16.12	1.42E-03	Upper
845-19	1.107	-2.075	0.56	14	1975	11.03	1.94E-03	Lower
845-19	1.055	-2.096	0.57	15	1975	10.35	1.19E-03	Middle
845-19	1.058	-2.140	0.60	17	1975	11.48	2.67E-04	Upper
845-21	1.969	-0.747	0.95	25	1976	3.86	2.23E-16	Lower
845-21	1.960	-0.883	1.00	24	1976	0.03	7.13E-38	Middle
845-21	1.782	-1.070	0.99	28	1976	0.51	3.69E-29	Upper
845-24	1.836	-0.681	0.83	25	1976	10.24	3.45E-10	Lower
845-24	1.930	-0.915	1.00	25	1976	0.07	2.14E-34	Middle
845-24	1.822	-1.028	0.99	28	1976	0.38	5.80E-30	Upper
846-01	0.785	-0.080	0.87	57	1987	4.77	9.65E-26	Lower
846-01	1.446	-1.115	0.90	58	1987	12.35	1.26E-29	Middle
846-01	1.453	-1.371	0.96	65	1987	4.61	2.14E-46	Upper
846-02	1.540	-1.241	0.96	91	1971	12.77	3.56E-62	Lower
846-02	1.504	-1.329	0.97	89	1971	7.15	2.31E-70	Middle
846-02	1.477	-1.355	0.97	96	1971	8.23	1.36E-73	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
846-03	1.288	-1.607	1.00	47	1966	0.58	6.19E-55	Lower
846-03	1.226	-1.676	1.00	51	1966	0.29	1.21E-66	Middle
846-03	1.157	-1.749	1.00	58	1954	0.40	1.27E-71	Upper
846-04	1.346	-1.333	0.91	57	1987	14.15	1.97E-30	Lower
846-04	1.309	-1.487	0.95	57	1961	7.47	1.41E-36	Middle
846-04	1.217	-1.592	0.95	68	1961	6.98	2.59E-44	Upper
846-05	1.626	-1.126	0.90	55	1963	14.72	1.22E-28	Lower
846-05	1.547	-1.267	0.92	56	1963	10.78	1.26E-31	Middle
846-05	1.423	-1.401	0.94	60	1963	7.78	1.60E-37	Upper
846-06	1.493	-1.356	0.95	23	1965	1.98	1.95E-15	Lower
846-06	1.446	-1.406	0.95	25	1965	2.10	1.10E-16	Middle
846-06	1.359	-1.496	0.95	26	1965	2.13	1.33E-17	Upper
846-07	1.230	-1.672	1.00	15	1967	0.06	3.21E-19	Lower
846-07	1.181	-1.725	1.00	14	1967	0.02	2.64E-20	Middle
846-07	1.183	-1.722	1.00	21	1967	0.07	2.40E-28	Upper
846-08	1.371	-1.519	0.99	19	1958	0.31	1.61E-18	Lower
846-08	1.280	-1.617	0.98	22	1958	0.70	2.34E-19	Middle
846-08	1.266	-1.632	0.98	23	1968	0.78	2.78E-20	Upper
846-10	1.684	-1.092	0.94	47	1992	6.50	6.05E-30	Lower
846-10	1.587	-1.199	0.95	49	1992	5.58	1.10E-31	Middle
846-10	1.509	-1.299	0.96	53	1992	3.86	7.53E-38	Upper
846-11	0.761	-0.057	0.85	116	1981	11.60	4.56E-49	Lower
846-11	0.735	-0.154	0.83	116	1981	13.34	5.52E-45	Middle
846-11	1.104	-0.881	0.62	122	1981	88.54	4.23E-27	Upper
846-12	1.499	-0.875	0.83	17	1981	7.67	3.28E-07	Lower
846-12	1.635	-1.160	0.96	18	1981	1.93	1.13E-12	Middle
846-12	1.536	-1.251	0.95	21	1981	2.71	1.34E-13	Upper
847-01	1.593	-1.201	0.98	48	1980	3.97	1.06E-38	Lower
847-01	1.559	-1.316	0.99	48	1980	1.13	1.10E-50	Middle
847-01	1.459	-1.401	0.97	53	1980	3.78	3.63E-42	Upper
847-04	1.245	-1.935	0.67	34	1976	21.59	2.95E-09	Lower
847-04	1.046	-2.106	0.58	32	1976	18.48	4.29E-07	Middle
847-04	1.199	-1.998	0.69	40	1976	22.99	3.31E-11	Upper
847-05	1.461	-1.476	0.70	29	1982	25.84	1.33E-08	Lower
847-05	1.507	-1.677	0.84	27	1982	12.41	2.61E-11	Middle
847-05	1.514	-1.715	0.82	34	1982	16.83	1.54E-13	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
847-07	1.534	-1.324	0.98	14	1986	0.86	3.07E-11	Lower
847-07	1.446	-1.421	0.98	17	1986	0.73	1.81E-14	Middle
847-07	1.369	-1.506	0.99	19	1986	0.47	9.75E-18	Upper
847-08	0.963	-2.180	0.53	21	1980	13.40	1.91E-04	Lower
847-08	1.029	-2.140	0.60	25	1981	15.27	5.41E-06	Upper
848-04	1.587	-1.253	0.97	15	1990	1.10	1.27E-11	Lower
848-04	1.460	-1.395	0.98	12	1990	0.56	7.08E-10	Middle
848-04	1.429	-1.429	0.98	19	1990	0.67	1.22E-16	Upper
848-07	1.714	-1.151	1.00	12	1991	0.00	1.88E-28	Lower
848-07	1.594	-1.269	0.99	13	1991	0.25	8.91E-13	Middle
848-07	1.596	-1.265	0.99	16	1991	0.39	4.24E-15	Upper
848-12	1.099	-0.015	0.84	18	1990	3.62	1.11E-07	Lower
848-12	2.005	-0.834	1.00	19	1990	0.07	9.43E-27	Middle
848-12	1.842	-1.014	1.00	21	1990	0.21	7.53E-25	Upper
848-14	1.508	-1.359	0.98	9	1992	0.30	1.46E-07	Middle
848-14	1.474	-1.399	0.99	10	1992	0.21	3.94E-09	Upper
848-17	1.610	-0.818	0.88	16	1985	6.24	7.58E-08	Lower
848-17	1.782	-1.076	1.00	14	1985	0.00	2.84E-32	Middle
848-17	1.590	-1.283	0.99	19	1985	0.31	1.44E-20	Upper
849-01	0.620	0.316	0.63	32	1992	4.78	4.98E-08	Lower
849-01	0.603	0.257	0.62	29	1992	4.59	4.47E-07	Middle
849-02	1.502	-1.369	0.99	33	1979	1.31	5.99E-31	Lower
849-02	1.427	-1.448	0.98	31	1979	1.53	4.49E-27	Middle
849-02	1.350	-1.528	0.97	41	1976	2.61	1.93E-32	Upper
849-03	1.094	-0.316	0.69	67	1965	25.79	4.29E-18	Lower
849-03	1.791	-0.987	0.96	70	1965	6.68	9.47E-50	Middle
849-03	1.350	-1.758	0.61	72	1965	61.07	4.78E-16	Upper
849-05	1.393	-1.496	1.00	38	1970	0.40	7.38E-46	Lower
849-05	1.298	-1.596	1.00	37	1970	0.38	8.82E-44	Middle
849-05	1.210	-1.692	1.00	42	1970	0.24	1.18E-53	Upper
849-06	1.336	-1.559	1.00	16	1972	0.04	1.23E-22	Lower
849-06	1.279	-1.620	1.00	16	1972	0.07	8.99E-21	Middle
849-06	1.197	-1.708	1.00	21	1972	0.05	4.16E-30	Upper
849-07	1.274	-1.625	0.99	28	1968	0.43	6.35E-31	Lower
849-07	1.180	-1.725	1.00	28	1968	0.08	3.38E-39	Middle
849-07	1.163	-1.743	1.00	34	1968	0.12	1.63E-46	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-08	1.546	-0.867	0.81	31	1967	13.65	4.29E-12	Lower
849-08	1.680	-1.170	0.98	31	1967	1.14	1.36E-27	Middle
849-08	1.658	-1.185	0.98	35	1967	1.60	1.21E-29	Upper
849-10	0.800	0.048	0.90	88	1990	4.93	2.23E-45	Lower
849-10	1.231	-0.599	0.80	89	1991	27.65	1.01E-31	Middle
849-10	1.571	-1.204	0.95	101	1990	10.08	1.72E-66	Upper
849-11	1.124	-0.407	0.79	89	1985	30.06	3.01E-31	Lower
849-11	1.649	-1.187	0.97	89	1985	8.55	2.04E-65	Middle
849-11	1.558	-1.283	0.96	95	1985	10.65	9.57E-65	Upper
849-13	1.056	-0.080	0.82	59	1965	12.78	9.46E-23	Lower
849-13	1.682	-1.026	0.95	59	1965	8.46	4.31E-38	Middle
849-13	1.458	-1.668	0.70	64	1965	49.91	4.97E-18	Upper
849-14	0.665	0.039	0.78	25	1962	2.76	4.99E-09	Lower
849-14	1.575	-0.948	0.85	29	1962	11.66	1.23E-12	Middle
849-14	1.442	-1.657	0.77	31	1962	18.32	1.15E-10	Upper
849-15	1.557	-1.309	0.98	20	1976	1.59	3.09E-16	Lower
849-15	1.517	-1.351	0.98	21	1976	1.71	7.77E-17	Middle
849-15	1.411	-1.460	0.96	27	1976	2.99	7.78E-19	Upper
849-16	1.293	-0.360	0.69	134	1972	73.35	4.81E-35	Lower
849-16	1.624	-1.487	0.76	136	1981	82.28	7.52E-43	Middle
849-16	1.535	-1.609	0.76	141	1981	78.07	1.01E-44	Upper
849-18	1.267	-1.270	0.90	71	1976	19.68	1.40E-35	Lower
849-18	1.306	-1.559	0.96	71	1976	7.36	3.50E-50	Middle
849-18	1.231	-1.634	0.95	82	1959	8.76	1.35E-54	Upper
849-20	1.698	-1.159	0.98	35	1983	1.74	3.66E-31	Lower
849-20	1.683	-1.177	0.99	36	1983	1.30	1.98E-34	Middle
849-20	1.552	-1.319	0.98	39	1983	1.82	8.97E-34	Upper
849-24	1.202	-1.701	0.99	11	1956	0.14	1.39E-11	Lower
849-24	1.154	-1.753	1.00	12	1956	0.08	6.47E-14	Middle
849-24	1.119	-1.791	1.00	17	1956	0.02	7.23E-25	Upper
849-26	0.966	-0.392	0.67	24	1986	7.94	1.14E-06	Lower
849-26	1.513	-1.500	0.67	26	1986	20.70	3.38E-07	Middle
849-26	1.434	-1.918	0.62	29	1986	25.60	4.43E-07	Upper
849-27	1.410	-1.219	0.90	14	1983	4.17	3.00E-07	Lower
849-27	1.410	-1.473	0.99	12	1983	0.25	8.39E-12	Middle
849-27	1.400	-1.480	0.99	18	1983	0.48	2.69E-17	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-28	1.387	-1.502	0.99	25	1965	0.55	3.76E-26	Lower
849-28	1.300	-1.593	0.99	26	1965	0.63	5.68E-26	Middle
849-28	1.218	-1.681	0.99	30	1965	0.74	4.09E-29	Upper
849-29	1.166	-0.731	0.76	76	1991	33.94	1.45E-24	Lower
849-29	1.555	-1.274	0.96	75	1991	6.77	8.41E-55	Middle
849-29	1.454	-1.357	0.95	85	1974	9.55	5.12E-56	Upper
849-30	1.530	-1.349	1.00	11	1972	0.01	9.28E-17	Lower
849-30	1.421	-1.463	0.99	12	1972	0.39	2.68E-11	Middle
849-30	1.321	-1.572	0.99	15	1972	0.24	8.26E-16	Upper
849-31	0.741	0.191	0.80	55	1993	4.38	5.17E-20	Lower
849-31	1.107	-0.385	0.57	57	1993	30.07	9.92E-12	Middle
849-34	1.213	-0.656	0.80	34	1986	12.84	1.40E-12	Lower
849-34	1.595	-1.241	0.97	35	1986	3.28	1.06E-25	Middle
849-34	1.461	-1.388	0.96	40	1986	3.09	5.12E-29	Upper
849-38	0.869	-0.047	0.93	57	1985	3.46	7.50E-34	Lower
849-38	1.324	-0.598	0.80	56	1985	26.95	1.30E-20	Middle
849-38	1.600	-1.254	0.97	62	1985	5.47	3.01E-47	Upper
849-40	0.722	-0.172	0.80	16	1984	1.95	2.82E-06	Lower
849-40	0.925	-0.583	0.67	16	1984	5.19	1.02E-04	Middle
849-40	1.415	-1.426	0.95	22	1984	2.17	2.74E-14	Upper
849-41	1.575	-1.279	0.97	10	1984	0.78	1.76E-07	Lower
849-41	1.428	-1.427	0.94	8	1984	0.95	5.67E-05	Middle
849-41	1.425	-1.435	0.95	14	1984	1.50	2.68E-09	Upper
849-45	0.824	-0.105	0.99	5	1987	0.03	3.29E-04	Middle
849-45	1.757	-1.059	0.97	7	1987	0.66	6.80E-05	Upper
849-46	1.404	-0.784	0.83	8	1987	3.43	1.56E-03	Lower
849-46	1.590	-1.217	0.96	10	1987	0.86	1.07E-06	Middle
849-46	1.452	-1.393	0.97	14	1987	0.85	1.34E-10	Upper
850-02	0.644	0.028	0.81	109	1987	6.91	2.89E-40	Lower
850-02	0.660	-0.168	0.85	107	1987	5.26	3.83E-45	Middle
850-03	1.429	-1.454	0.99	31	1971	0.92	2.35E-30	Lower
850-03	1.311	-1.580	0.99	29	1971	0.66	4.47E-29	Middle
850-03	1.227	-1.672	0.99	36	1971	0.43	1.37E-39	Upper
850-04	0.503	0.334	0.61	79	1993	7.27	1.29E-17	Lower
850-05	1.406	-1.480	0.99	43	1965	0.68	4.11E-48	Lower
850-05	1.302	-1.592	1.00	41	1965	0.43	3.38E-48	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
850-05	1.192	-1.711	1.00	49	1965	0.32	2.60E-60	Upper
850-07	1.269	-1.630	1.00	21	1958	0.24	1.72E-24	Lower
850-07	1.173	-1.734	1.00	22	1958	0.06	2.72E-31	Middle
850-07	1.126	-1.785	1.00	24	1958	0.02	5.82E-39	Upper
850-08	1.016	0.442	0.94	18	1976	0.59	4.95E-11	Lower
850-08	1.084	0.170	1.00	16	1976	0.01	4.32E-23	Middle
850-19	0.719	-0.185	0.85	60	1981	5.00	3.03E-25	Lower
850-19	1.453	-1.383	0.95	61	1981	5.31	1.24E-40	Middle
850-19	1.367	-1.486	0.96	66	1981	5.03	5.52E-45	Upper
850-20	1.425	-1.453	0.99	40	1973	0.92	5.81E-40	Lower
850-20	1.362	-1.515	0.98	37	1973	1.88	3.27E-30	Middle
850-20	1.275	-1.610	0.98	46	1973	2.16	5.15E-37	Upper
850-28	0.665	-0.074	0.83	70	1991	5.74	1.53E-27	Lower
850-28	1.606	-1.163	0.93	71	1991	12.20	4.69E-41	Middle
850-28	1.536	-1.251	0.94	76	1991	10.75	1.01E-45	Upper
850-29	0.918	-0.413	0.53	46	1965	28.01	8.91E-09	Lower
850-29	1.432	-1.408	0.69	45	1965	29.31	2.18E-12	Middle
850-29	1.007	-2.131	0.60	52	1967	32.46	1.26E-11	Upper
850-31	1.508	-1.376	0.98	68	1976	3.71	3.99E-58	Lower
850-31	1.416	-1.467	0.97	67	1976	4.43	1.63E-52	Middle
850-31	1.296	-1.593	0.98	74	1976	2.56	2.52E-65	Upper
851-14	1.516	-1.345	0.98	6	1981	0.40	2.05E-04	Lower
851-14	1.513	-1.329	0.95	7	1981	0.49	1.53E-04	Middle
851-14	1.370	-1.496	0.96	11	1981	0.89	1.15E-07	Upper
852-01	1.276	-1.622	0.99	48	1965	1.80	1.60E-44	Lower
852-01	1.176	-1.730	1.00	46	1965	0.14	7.16E-65	Middle
852-01	1.143	-1.765	1.00	53	1965	0.11	2.44E-78	Upper
852-02	1.403	-1.455	0.95	19	1968	1.31	1.39E-12	Lower
852-02	1.315	-1.544	0.96	21	1968	1.66	4.49E-15	Middle
852-02	1.132	-1.858	0.89	25	1968	5.03	2.71E-12	Upper
852-03	1.436	-1.803	0.61	152	1987	160.91	9.43E-33	Middle
852-03	1.364	-1.864	0.61	159	1987	155.06	9.98E-34	Upper
852-04	1.240	-1.662	1.00	23	1965	0.03	2.75E-34	Lower
852-04	1.209	-1.695	1.00	23	1965	0.00	4.63E-44	Middle
852-04	1.170	-1.737	1.00	28	1965	0.05	1.01E-40	Upper
852-05	1.249	-1.652	1.00	19	1964	0.07	5.13E-25	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-05	1.189	-1.717	1.00	19	1964	0.00	2.26E-38	Middle
852-05	1.179	-1.728	1.00	23	1964	0.09	2.87E-30	Upper
852-06	1.318	-1.573	0.98	60	1957	2.91	2.47E-53	Lower
852-06	1.193	-1.710	0.99	61	1957	0.91	6.97E-67	Middle
852-06	1.127	-1.782	1.00	65	1957	0.23	8.72E-89	Upper
852-07	1.701	-1.161	0.99	14	1990	0.19	8.67E-15	Lower
852-07	1.642	-1.226	1.00	13	1990	0.05	6.15E-16	Middle
852-07	1.533	-1.343	1.00	17	1990	0.16	3.74E-19	Upper
852-09	1.583	-1.277	0.99	26	1991	0.70	1.56E-25	Lower
852-09	1.466	-1.371	0.97	28	1991	1.69	1.18E-21	Middle
852-09	1.427	-1.427	0.98	32	1991	1.15	6.41E-28	Upper
852-11	1.201	-0.956	0.53	144	1974	191.86	2.49E-25	Lower
852-11	1.471	-1.736	0.72	145	1974	127.12	9.66E-42	Middle
852-11	1.355	-1.841	0.72	149	1974	110.57	6.44E-43	Upper
852-12	0.881	-0.108	0.88	164	1978	16.78	1.33E-77	Lower
852-12	1.623	-1.355	0.82	165	1973	96.34	3.39E-62	Middle
852-12	1.504	-1.657	0.76	174	1978	122.95	2.47E-55	Upper
852-13	1.222	-1.681	1.00	15	1951	0.07	2.17E-19	Lower
852-13	1.177	-1.729	1.00	19	1951	0.14	6.84E-23	Middle
852-13	1.116	-1.795	1.00	21	1951	0.06	5.34E-29	Upper
852-15	1.277	-1.623	0.99	61	1960	0.96	3.63E-67	Lower
852-15	1.182	-1.726	1.00	60	1960	0.56	2.63E-70	Middle
852-15	1.122	-1.788	1.00	66	1960	0.07	9.20E-107	Upper
852-16	0.873	-0.054	0.98	39	1972	0.67	1.56E-34	Lower
852-16	1.451	-0.921	0.88	37	1972	13.99	6.62E-18	Middle
852-16	1.571	-1.241	0.98	44	1972	3.32	5.40E-36	Upper
852-17	1.532	-1.344	0.99	11	1972	0.54	1.00E-09	Lower
852-17	1.431	-1.451	0.98	10	1972	0.73	8.23E-08	Middle
852-17	1.399	-1.487	0.98	14	1972	0.88	1.75E-11	Upper
852-19	1.407	-1.476	0.98	26	1972	1.29	9.04E-23	Lower
852-19	1.354	-1.534	0.98	23	1972	1.44	7.38E-19	Middle
852-19	1.266	-1.629	0.99	31	1972	0.92	5.62E-29	Upper
852-20	1.355	-1.940	0.57	16	1994	12.07	6.69E-04	Upper
852-21	0.908	-0.008	0.96	32	1975	0.98	9.72E-23	Lower
852-21	1.839	-0.982	0.97	34	1975	2.88	3.89E-27	Middle
852-21	1.648	-1.165	0.95	40	1991	5.77	2.44E-26	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-25	1.278	-1.938	0.67	38	1971	31.32	4.49E-10	Lower
852-25	1.131	-2.049	0.61	37	1971	26.95	1.05E-08	Middle
852-25	1.228	-1.970	0.68	43	1971	32.33	1.47E-11	Upper
852-26	1.582	-1.122	0.73	123	1984	106.46	3.64E-36	Lower
852-26	1.567	-1.544	0.74	123	1984	100.25	2.91E-37	Middle
852-26	1.469	-1.650	0.74	132	1984	96.02	2.06E-39	Upper
852-30	1.436	-0.809	0.80	67	1963	35.25	1.35E-24	Lower
852-30	1.568	-1.194	0.94	69	1963	10.83	4.92E-43	Middle
852-30	1.458	-1.297	0.93	72	1963	13.09	2.53E-41	Upper
852-32	1.534	-1.334	0.97	7	1974	0.60	4.68E-05	Lower
852-32	1.488	-1.389	0.99	7	1974	0.26	6.81E-06	Middle
852-32	1.367	-1.522	0.98	12	1974	0.58	1.35E-09	Upper
852-36	1.489	-1.383	0.98	27	1974	1.18	3.38E-24	Lower
852-36	1.396	-1.486	0.99	24	1974	0.74	1.82E-22	Middle
852-36	1.301	-1.589	0.99	32	1974	0.72	4.17E-31	Upper
853-01	1.330	-1.569	0.61	114	1958	97.33	9.55E-25	Lower
853-01	1.297	-1.823	0.70	114	1958	62.29	8.68E-31	Middle
853-01	1.254	-1.872	0.71	120	1958	62.31	2.18E-33	Upper
853-02	1.368	-1.585	0.58	129	1965	107.98	8.06E-26	Lower
853-02	1.290	-1.857	0.66	129	1965	67.10	1.06E-31	Middle
853-02	1.303	-1.850	0.68	134	1967	68.20	1.94E-34	Upper
853-03	1.738	-1.609	0.65	49	1994	47.58	2.40E-12	Lower
853-03	1.603	-1.731	0.67	50	1994	38.42	2.68E-13	Middle
853-03	1.580	-1.742	0.68	55	1994	39.51	1.05E-14	Upper
853-04	1.340	-1.552	0.99	34	1960	0.71	1.06E-36	Lower
853-04	1.215	-1.687	0.99	34	1960	0.74	4.14E-35	Middle
853-04	1.135	-1.774	1.00	40	1960	0.07	2.69E-61	Upper
853-05	1.359	-1.531	0.99	34	1966	1.25	1.33E-32	Lower
853-05	1.227	-1.676	1.00	33	1960	0.23	1.08E-41	Middle
853-05	1.163	-1.736	0.98	44	1960	1.49	1.96E-39	Upper
853-07	1.360	-1.532	1.00	15	1957	0.03	1.32E-21	Lower
853-07	1.249	-1.652	1.00	16	1957	0.01	2.53E-25	Middle
853-07	1.219	-1.684	1.00	18	1957	0.14	1.99E-21	Upper
853-08	1.434	-1.117	0.90	53	1982	13.74	1.05E-27	Lower
853-08	1.466	-1.398	0.97	51	1982	3.51	1.96E-40	Middle
853-08	1.355	-1.512	0.98	59	1982	2.32	2.38E-51	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-09	1.523	-0.810	0.85	36	1979	18.47	1.12E-15	Lower
853-09	1.572	-1.294	0.99	35	1979	0.95	1.56E-35	Middle
853-09	1.444	-1.430	0.99	40	1979	1.25	2.28E-38	Upper
853-11	1.406	-1.483	1.00	14	1958	0.00	4.66E-187	Lower
853-11	1.401	-1.458	0.93	15	1958	1.16	4.81E-09	Middle
853-11	1.326	-1.519	0.94	19	1958	2.35	1.16E-11	Upper
853-12	1.215	-1.173	0.51	53	1979	76.64	2.40E-09	Lower
853-12	1.585	-1.635	0.83	52	1979	27.22	4.86E-21	Middle
853-12	1.464	-1.757	0.82	58	1979	27.39	1.63E-22	Upper
853-15	1.234	-1.163	0.83	8	1974	3.81	1.74E-03	Lower
853-15	1.432	-1.454	0.99	8	1974	0.12	4.50E-08	Middle
853-15	1.288	-1.608	1.00	12	1974	0.11	2.36E-13	Upper
853-16	1.369	-1.521	0.99	30	1967	0.66	2.50E-31	Lower
853-16	1.293	-1.602	0.99	31	1967	1.18	2.24E-28	Middle
853-16	1.219	-1.684	1.00	38	1972	0.36	4.33E-45	Upper
853-17	1.210	-1.694	1.00	6	1955	0.00	1.62E-63	Lower
853-17	1.118	-1.793	1.00	8	1955	0.00	2.62E-15	Middle
853-17	1.123	-1.788	1.00	10	1955	0.04	2.46E-12	Upper
853-18	1.339	-1.553	0.99	19	1974	0.24	1.01E-20	Lower
853-18	1.287	-1.610	1.00	20	1974	0.13	5.41E-24	Middle
853-18	1.228	-1.674	1.00	24	1974	0.07	3.35E-33	Upper
853-20	0.980	-0.751	0.70	79	1984	46.90	8.75E-22	Lower
853-20	1.365	-1.439	0.90	78	1984	22.58	2.91E-40	Middle
853-20	1.280	-1.532	0.91	90	1960	19.55	1.49E-48	Upper
853-22	1.310	-1.576	0.98	113	1951	5.28	1.17E-93	Lower
853-22	1.245	-1.645	0.98	111	1951	4.69	1.86E-91	Middle
853-22	1.185	-1.707	0.96	119	1951	8.62	9.68E-83	Upper
853-26	1.313	-1.580	0.99	36	1966	1.01	4.82E-36	Lower
853-26	1.223	-1.677	0.99	40	1966	0.72	1.21E-42	Middle
853-26	1.171	-1.734	1.00	42	1966	0.38	5.42E-50	Upper
853-27	0.728	-0.186	0.89	32	1977	1.92	6.87E-16	Lower
853-27	1.150	-0.875	0.82	34	1977	9.32	1.33E-13	Middle
853-27	1.387	-1.472	0.95	38	1977	3.69	1.65E-24	Upper
853-28	1.120	-0.384	0.71	75	1983	35.46	3.82E-21	Lower
853-28	1.656	-1.079	0.94	76	1983	11.97	1.98E-47	Middle
853-28	1.374	-1.779	0.69	80	1983	62.39	2.12E-21	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-33	1.201	-1.264	0.75	84	1982	58.46	1.44E-26	Lower
853-33	1.328	-1.668	0.90	84	1982	23.43	4.78E-43	Middle
853-33	1.273	-1.720	0.91	95	1968	21.59	9.58E-51	Upper
853-34	0.972	-2.186	0.63	70	1961	25.05	2.81E-16	Lower
853-34	0.913	-2.240	0.61	71	1961	23.57	1.04E-15	Middle
853-34	1.025	-2.144	0.73	77	1961	25.08	4.49E-23	Upper
853-37	1.439	-1.551	0.76	38	1967	25.49	8.43E-13	Lower
853-37	1.281	-1.869	0.69	41	1967	31.17	1.51E-11	Middle
853-37	1.324	-1.798	0.73	48	1967	33.54	9.94E-15	Upper
853-39	1.789	-1.033	0.96	16	1991	1.80	1.67E-11	Lower
853-39	1.719	-1.123	0.97	17	1991	1.22	2.16E-13	Middle
853-39	1.551	-1.282	0.97	22	1991	1.44	8.15E-17	Upper
853-41	1.057	-2.171	0.50	9	1967	7.97	3.29E-02	Upper
854-01	1.320	-1.823	0.71	186	1962	148.18	6.63E-51	Middle
854-01	1.234	-1.893	0.69	190	1962	139.38	4.62E-50	Upper
854-03	1.485	-1.389	0.99	56	1981	2.17	1.67E-51	Lower
854-03	1.362	-1.520	0.99	54	1981	1.23	8.51E-54	Middle
854-03	1.296	-1.594	0.99	61	1981	0.66	1.25E-68	Upper
854-09	1.594	-1.266	0.99	12	1977	0.26	8.98E-12	Lower
854-09	1.446	-1.425	0.99	16	1977	0.53	8.00E-15	Middle
854-09	1.362	-1.480	0.97	20	1977	1.69	1.30E-14	Upper
854-12	1.607	-0.729	0.81	14	1986	7.68	1.18E-05	Lower
854-12	1.666	-1.191	0.99	14	1986	0.24	3.13E-14	Middle
854-12	1.628	-1.218	0.99	19	1986	0.59	1.65E-17	Upper
854-13	0.695	-0.043	0.63	64	1992	15.11	3.61E-15	Lower
854-13	1.210	-0.873	0.57	66	1992	60.48	2.94E-13	Middle
854-13	1.520	-1.344	0.80	76	1960	37.48	2.24E-27	Upper
854-15	1.311	-1.578	0.99	32	1965	1.00	2.71E-30	Lower
854-15	1.232	-1.657	0.97	36	1965	1.87	1.44E-28	Middle
854-15	1.180	-1.721	0.99	38	1965	0.71	4.40E-38	Upper
854-20	1.160	-1.901	0.59	9	1970	7.22	1.63E-02	Lower
854-20	1.133	-2.108	0.71	11	1970	6.52	1.22E-03	Middle
854-20	1.204	-1.895	0.67	14	1970	9.92	3.30E-04	Upper
854-21	1.491	-1.363	0.99	4	1970	0.13	5.57E-03	Lower
854-21	1.451	-1.412	0.99	7	1970	0.10	7.11E-07	Upper
854-22	1.365	-1.527	1.00	8	1976	0.00	1.18E-12	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-22	1.278	-1.621	1.00	9	1976	0.00	3.04E-15	Middle
854-22	1.228	-1.674	1.00	12	1976	0.01	2.64E-18	Upper
854-23	0.716	-0.146	0.84	178	1989	17.21	1.17E-71	Lower
854-23	1.404	-1.160	0.87	174	1989	49.04	7.47E-79	Middle
854-23	1.392	-1.393	0.92	194	1984	29.57	3.94E-109	Upper
854-24	1.235	-1.955	0.76	45	1957	27.40	5.92E-15	Lower
854-24	1.177	-2.058	0.76	45	1957	25.15	5.20E-15	Middle
854-24	1.126	-2.040	0.75	50	1957	26.49	3.39E-16	Upper
854-25	1.415	-1.447	0.98	25	1966	1.38	3.53E-21	Lower
854-25	1.366	-1.504	0.98	28	1966	1.69	6.92E-23	Middle
854-25	1.277	-1.586	0.97	34	1978	2.49	6.56E-25	Upper
854-27	1.567	-1.261	0.97	16	1985	0.93	4.72E-12	Lower
854-27	1.501	-1.324	0.96	18	1985	1.64	3.15E-12	Middle
854-27	1.420	-1.412	0.95	22	1985	1.69	1.32E-14	Upper
855-09	1.528	-1.342	0.99	87	1989	2.01	9.56E-90	Lower
855-09	1.433	-1.445	0.99	85	1989	1.41	1.97E-91	Middle
855-09	1.381	-1.497	0.99	93	1989	1.33	4.67E-101	Upper
855-15	1.038	0.722	1.00	6	1994	0.00	6.68E-63	Middle
856-01	1.295	-1.599	0.99	61	1958	1.12	4.29E-65	Lower
856-01	1.196	-1.706	0.99	60	1958	0.91	4.08E-64	Middle
856-01	1.132	-1.777	1.00	67	1958	0.24	3.43E-90	Upper
856-02	1.391	-1.645	0.92	199	1951	48.74	1.56E-111	Lower
856-02	1.332	-1.759	0.93	201	1951	42.29	1.33E-114	Middle
856-02	1.208	-1.862	0.92	208	1959	37.03	1.75E-117	Upper
856-06	1.305	-1.594	0.99	32	1962	0.66	1.34E-31	Lower
856-06	1.247	-1.656	1.00	30	1962	0.23	3.24E-35	Middle
856-06	1.175	-1.730	0.99	38	1962	0.31	5.49E-43	Upper
856-07	1.384	-1.506	0.99	137	1965	3.96	1.77E-131	Lower
856-07	1.292	-1.602	0.99	138	1965	2.99	1.31E-136	Middle
856-07	1.192	-1.710	0.99	143	1965	1.71	1.17E-154	Upper
856-08	1.367	-1.524	0.99	93	1964	2.06	1.47E-93	Lower
856-08	1.290	-1.610	0.99	90	1964	1.24	3.84E-97	Middle
856-08	1.201	-1.705	0.99	99	1964	1.36	4.63E-104	Upper
857-02	1.353	-1.532	0.98	30	1966	1.36	8.15E-27	Lower
857-02	1.328	-1.559	0.98	29	1966	1.75	2.95E-24	Middle
857-02	1.233	-1.661	0.98	36	1966	1.88	1.30E-29	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-03	1.328	-1.563	0.99	16	1963	0.46	1.82E-15	Lower
857-03	1.244	-1.649	0.97	22	1963	1.40	2.76E-17	Middle
857-03	1.181	-1.718	0.98	22	1963	0.99	2.70E-18	Upper
857-04	1.709	-1.115	0.95	22	1986	3.40	4.00E-14	Lower
857-04	1.632	-1.198	0.95	25	1986	3.00	7.47E-17	Middle
857-04	1.496	-1.339	0.95	28	1986	2.83	1.35E-18	Upper
857-05	1.460	-1.418	0.99	25	1976	0.98	1.50E-23	Lower
857-05	1.367	-1.522	1.00	26	1976	0.32	1.10E-29	Middle
857-05	1.286	-1.610	1.00	30	1976	0.18	2.94E-38	Upper
857-06	1.571	-1.297	0.99	51	1976	2.12	4.14E-49	Lower
857-06	1.493	-1.379	0.98	56	1976	3.63	1.57E-47	Middle
857-06	1.385	-1.495	0.97	56	1976	4.39	1.22E-43	Upper
857-08	1.295	-1.599	0.99	15	1965	0.51	6.73E-14	Lower
857-08	1.281	-1.615	0.99	16	1965	0.53	6.94E-15	Middle
857-08	1.196	-1.706	0.99	21	1965	0.33	4.89E-22	Upper
857-09	1.365	-1.524	0.99	35	1963	1.16	1.35E-33	Lower
857-09	1.327	-1.563	0.98	35	1963	1.92	2.39E-29	Middle
857-09	1.257	-1.638	0.98	41	1963	2.37	3.61E-33	Upper
857-11	1.373	-1.513	0.98	23	1965	1.26	3.97E-20	Lower
857-11	1.242	-1.657	0.99	24	1965	0.58	5.29E-24	Middle
857-11	1.186	-1.717	0.99	29	1965	0.41	2.39E-31	Upper
857-12	1.554	-1.320	0.99	24	1975	0.84	1.23E-23	Lower
857-12	1.530	-1.349	1.00	22	1975	0.03	1.24E-35	Middle
857-12	1.391	-1.495	0.99	28	1975	0.88	4.77E-27	Upper
857-20	1.573	-1.303	1.00	14	1972	0.01	6.83E-25	Lower
857-20	1.545	-1.333	1.00	12	1972	0.00	3.29E-21	Middle
857-20	1.409	-1.480	0.99	17	1972	0.38	2.08E-17	Upper
857-23	1.645	-1.225	1.00	6	1972	0.01	1.26E-07	Lower
857-23	1.476	-1.398	0.97	7	1972	0.66	4.30E-05	Middle
857-23	1.463	-1.414	0.98	9	1972	0.71	5.76E-07	Upper
857-25	1.719	-1.061	0.96	68	1986	10.26	8.44E-47	Lower
857-25	1.663	-1.187	0.97	67	1986	6.38	1.25E-51	Middle
857-25	1.496	-1.372	0.98	74	1986	3.43	1.54E-64	Upper
857-26	1.423	-1.462	0.99	16	1967	0.74	1.99E-14	Lower
857-26	1.304	-1.592	0.99	19	1967	0.51	1.49E-18	Middle
857-26	1.173	-1.734	1.00	20	1967	0.08	4.89E-26	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-32	1.497	-1.370	0.98	15	1981	0.94	2.35E-12	Lower
857-32	1.457	-1.415	0.98	13	1981	0.78	1.25E-10	Middle
857-32	1.375	-1.495	0.97	20	1981	1.64	6.70E-15	Upper
857-33	1.586	-1.282	0.98	44	1979	2.78	1.37E-37	Lower
857-33	1.498	-1.376	0.99	45	1979	1.52	5.14E-43	Middle
857-33	1.380	-1.505	0.99	48	1979	1.46	2.35E-45	Upper
857-35	2.183	-0.644	1.00	4	1960	0.00	3.57E-32	Lower
857-35	1.270	-1.959	0.77	9	1967	5.53	1.89E-03	Upper
857-36	1.333	-1.554	0.99	19	1967	0.34	6.68E-19	Lower
857-36	1.253	-1.644	0.99	22	1967	0.26	1.40E-23	Middle
857-36	1.205	-1.691	0.99	25	1967	0.35	3.70E-25	Upper
857-37	1.662	-1.186	0.99	59	1986	2.34	1.16E-55	Lower
857-37	1.572	-1.290	0.99	58	1986	1.09	2.29E-62	Middle
857-37	1.418	-1.451	0.98	64	1986	2.18	5.65E-58	Upper
857-63	1.672	-1.174	0.98	97	1985	6.80	1.38E-79	Lower
857-63	1.585	-1.266	0.97	96	1985	7.06	5.10E-76	Middle
857-63	1.472	-1.383	0.96	103	1985	9.22	1.06E-73	Upper
857-65	1.307	-1.588	0.99	28	1966	0.41	4.74E-31	Lower
857-65	1.220	-1.683	1.00	30	1966	0.23	1.59E-36	Middle
857-65	1.174	-1.730	1.00	34	1966	0.32	5.02E-39	Upper
857-67	1.471	-1.639	0.63	23	1966	23.38	6.97E-06	Lower
857-67	1.430	-1.650	0.61	24	1966	22.47	7.01E-06	Middle
857-67	1.331	-1.775	0.66	29	1966	23.05	9.17E-08	Upper
857-68	1.297	-0.912	0.63	56	1966	51.29	3.22E-13	Lower
857-68	1.499	-1.698	0.80	58	1966	29.41	3.14E-21	Middle
857-68	1.425	-1.741	0.80	62	1966	28.57	7.33E-23	Upper
858-01	1.662	-1.154	0.97	61	1991	5.42	2.92E-45	Lower
858-01	1.531	-1.297	0.97	63	1991	4.81	1.96E-46	Middle
858-01	1.461	-1.381	0.98	66	1991	3.31	5.17E-53	Upper
858-02	1.276	-1.622	1.00	22	1967	0.21	3.90E-26	Lower
858-02	1.202	-1.700	1.00	23	1967	0.21	1.06E-26	Middle
858-02	1.164	-1.743	1.00	27	1967	0.10	2.64E-36	Upper
858-05	1.538	-1.526	0.75	82	1977	64.94	5.63E-26	Lower
858-05	1.495	-1.701	0.75	82	1979	62.15	7.84E-26	Middle
858-05	1.437	-1.758	0.75	89	1979	62.33	8.79E-28	Upper
858-08	1.453	-1.432	0.99	20	1973	0.32	6.31E-22	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
858-08	1.342	-1.550	1.00	17	1973	0.15	5.47E-20	Middle
858-08	1.238	-1.662	1.00	24	1970	0.18	1.25E-28	Upper
858-11	1.654	-1.185	0.97	47	1987	4.04	5.14E-36	Lower
858-11	1.527	-1.317	0.96	49	1987	4.87	1.99E-34	Middle
858-11	1.472	-1.379	0.96	52	1987	4.43	2.41E-37	Upper
858-12	1.499	-0.850	0.88	49	1956	15.52	1.70E-23	Lower
858-12	1.647	-1.141	0.98	49	1956	2.94	6.36E-42	Middle
858-12	1.617	-1.184	0.98	54	1956	2.53	8.76E-48	Upper
859-01	1.332	-1.562	1.00	10	1958	0.04	1.01E-12	Lower
859-01	1.253	-1.648	1.00	8	1958	0.00	3.33E-12	Middle
859-01	1.156	-1.752	1.00	13	1958	0.08	1.27E-15	Upper
859-02	1.481	-1.399	0.98	18	1968	1.26	4.82E-15	Lower
859-02	1.363	-1.527	0.99	19	1968	0.79	3.05E-17	Middle
859-02	1.293	-1.604	0.99	21	1968	0.38	5.80E-22	Upper
859-03	0.939	-0.411	0.73	33	1990	10.92	2.31E-10	Lower
859-03	1.615	-1.201	0.96	35	1990	4.34	8.04E-24	Middle
859-03	1.488	-1.331	0.95	39	1990	4.39	7.81E-26	Upper
859-04	1.250	-1.651	1.00	40	1960	0.39	2.03E-46	Lower
859-04	1.180	-1.727	1.00	40	1960	0.08	9.34E-58	Middle
859-04	1.143	-1.766	1.00	44	1960	0.03	2.14E-75	Upper
859-05	1.253	-1.648	1.00	44	1965	0.41	6.11E-53	Lower
859-05	1.190	-1.716	1.00	45	1965	0.15	1.59E-62	Middle
859-05	1.155	-1.753	1.00	49	1965	0.08	3.46E-75	Upper
859-06	1.329	-1.561	0.98	36	1966	2.09	8.54E-31	Lower
859-06	1.242	-1.656	0.99	39	1966	1.36	2.26E-36	Middle
859-06	1.195	-1.707	0.99	42	1966	0.90	1.03E-42	Upper
859-07	1.329	-1.810	0.62	17	1985	15.43	1.87E-04	Middle
859-07	1.415	-1.766	0.64	21	1985	20.11	1.51E-05	Upper
859-08	1.337	-1.335	0.91	107	1978	26.90	9.28E-57	Lower
859-08	1.317	-1.526	0.96	103	1965	11.19	2.14E-71	Middle
859-08	1.283	-1.562	0.97	126	1983	10.45	2.90E-92	Upper
859-11	1.013	-2.114	0.59	45	1951	18.78	7.49E-10	Middle
859-11	1.167	-1.953	0.64	51	1951	27.21	1.97E-12	Upper
859-12	1.441	-1.437	0.99	26	1970	1.20	1.30E-23	Lower
859-12	1.330	-1.558	0.99	27	1970	0.96	2.97E-25	Middle
859-12	1.258	-1.635	0.99	32	1970	0.95	5.00E-30	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-13	1.153	-1.952	0.57	35	1961	21.09	1.67E-07	Middle
859-13	1.158	-1.944	0.66	38	1961	20.36	6.28E-10	Upper
859-14	1.343	-1.549	0.99	60	1970	1.55	2.95E-61	Lower
859-14	1.250	-1.651	1.00	60	1970	0.72	3.16E-69	Middle
859-14	1.201	-1.702	1.00	65	1970	0.49	4.49E-80	Upper
859-15	1.664	-1.447	0.67	107	1990	101.19	2.62E-27	Upper
859-17	1.506	-1.086	0.64	53	1956	50.05	5.54E-13	Lower
859-17	1.408	-1.685	0.59	54	1956	52.76	1.18E-11	Middle
859-17	1.312	-1.781	0.62	59	1956	50.76	1.31E-13	Upper
859-18	0.667	0.099	0.90	20	1981	0.84	1.42E-10	Lower
859-18	1.179	-0.417	0.66	22	1981	14.32	4.61E-06	Middle
859-18	1.635	-0.991	0.87	26	1981	8.58	3.19E-12	Upper
859-19	1.633	-1.118	0.96	68	1981	8.81	1.44E-46	Lower
859-19	1.591	-1.256	0.98	69	1981	2.81	8.83E-63	Middle
859-19	1.499	-1.348	0.98	72	1981	3.72	2.74E-60	Upper
859-20	1.356	-1.530	0.98	25	1966	1.14	2.08E-22	Lower
859-20	1.300	-1.592	0.98	21	1966	1.09	5.92E-18	Middle
859-20	1.215	-1.684	0.99	31	1966	0.82	1.16E-29	Upper
859-21	1.645	-0.794	0.64	167	1994	162.30	3.21E-38	Lower
859-21	1.754	-1.249	0.80	167	1992	80.29	1.29E-59	Middle
859-21	1.677	-1.326	0.81	171	1994	71.97	1.58E-62	Upper
859-22	1.241	-1.660	1.00	69	1964	0.82	5.27E-80	Lower
859-22	1.191	-1.713	1.00	67	1964	0.37	4.23E-87	Middle
859-22	1.153	-1.755	1.00	79	1965	0.20	1.96E-115	Upper
859-24	0.773	-0.113	0.85	13	1991	1.14	6.28E-06	Lower
859-24	1.686	-1.134	0.96	14	1991	1.56	1.14E-09	Middle
859-24	1.605	-1.192	0.94	18	1991	2.26	1.87E-11	Upper
859-25	1.585	-1.659	0.78	114	1973	91.97	2.32E-38	Middle
859-25	1.485	-1.727	0.78	118	1973	81.97	6.23E-40	Upper
860-01	1.649	-1.209	0.97	46	1980	3.78	3.97E-36	Lower
860-01	1.603	-1.256	0.97	44	1980	3.30	1.26E-34	Middle
860-01	1.472	-1.392	0.96	51	1980	4.30	2.53E-37	Upper
860-07	1.486	-1.184	0.90	59	1955	16.47	3.09E-30	Lower
860-07	1.429	-1.370	0.95	60	1955	8.52	1.60E-38	Middle
860-07	1.357	-1.420	0.92	64	1955	11.81	4.74E-36	Upper
860-08	1.301	-1.592	0.98	13	1945	0.67	7.22E-11	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
860-08	1.244	-1.647	0.97	15	1945	1.22	6.02E-11	Middle
860-08	1.151	-1.746	0.97	21	1953	1.23	7.92E-16	Upper
860-10	1.474	-1.207	0.92	4	1953	0.95	4.05E-02	Lower
860-10	1.331	-1.823	0.84	6	1953	3.01	1.02E-02	Middle
860-10	1.316	-2.028	0.79	8	1953	5.06	3.15E-03	Upper
861-03	1.358	-1.528	0.99	50	1964	2.04	1.81E-45	Lower
861-03	1.275	-1.616	0.98	52	1964	1.98	5.60E-46	Middle
861-03	1.199	-1.700	0.98	56	1964	1.76	8.23E-51	Upper
861-04	1.543	-0.291	0.66	34	1964	22.30	4.78E-09	Lower
861-04	1.262	-1.879	0.58	35	1964	20.99	1.08E-07	Middle
861-04	1.304	-1.830	0.67	39	1964	21.13	2.03E-10	Upper
861-05	1.355	-1.540	0.99	8	1955	0.24	2.29E-07	Lower
861-05	1.202	-1.702	1.00	9	1955	0.11	2.50E-09	Middle
861-05	1.114	-1.797	1.00	13	1955	0.02	4.42E-18	Upper
861-06	1.589	-1.277	0.98	26	1981	1.97	2.08E-21	Lower
861-06	1.512	-1.359	0.97	25	1981	2.45	9.57E-19	Middle
861-06	1.363	-1.519	0.98	31	1981	1.82	4.73E-25	Upper
861-07	1.377	-1.514	1.00	4	1964	0.02	6.18E-04	Lower
861-07	1.247	-1.657	0.99	4	1964	0.08	4.70E-03	Middle
861-07	1.195	-1.711	1.00	8	1964	0.09	3.49E-08	Upper
861-08	1.199	-0.801	0.78	72	1977	37.24	1.89E-24	Lower
861-08	1.435	-1.335	0.94	72	1977	10.93	1.26E-45	Middle
861-08	1.321	-1.544	0.89	80	1977	20.70	2.17E-39	Upper
861-09	1.245	-1.657	1.00	6	1956	0.00	2.09E-11	Lower
861-09	1.156	-1.752	1.00	5	1956	0.02	3.79E-05	Middle
861-09	1.139	-1.771	1.00	11	1956	0.05	1.49E-13	Upper
861-10	1.229	-1.944	0.61	19	1983	15.86	8.54E-05	Lower
861-10	1.115	-2.019	0.60	16	1983	10.93	4.29E-04	Middle
861-10	1.107	-2.067	0.61	22	1983	14.84	1.71E-05	Upper
861-11	1.520	-1.354	0.99	28	1979	0.82	6.33E-28	Lower
861-11	1.421	-1.458	0.98	27	1979	1.19	9.24E-24	Middle
861-11	1.303	-1.589	0.99	32	1979	0.75	2.52E-31	Upper
861-12	1.149	-0.268	0.65	97	1975	37.73	3.70E-23	Lower
861-15	1.184	-1.905	0.53	16	1964	13.43	1.34E-03	Upper
861-18	1.577	-1.374	0.66	36	1983	33.14	1.67E-09	Lower
861-18	1.524	-1.605	0.74	38	1983	22.78	3.24E-12	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
861-18	1.488	-1.661	0.74	41	1983	23.28	5.20E-13	Upper
861-19	1.613	-1.502	0.80	11	1986	5.99	1.97E-04	Lower
861-19	1.609	-1.588	0.78	14	1986	8.28	3.16E-05	Middle
861-19	1.570	-1.579	0.81	17	1986	8.20	8.63E-07	Upper
862-01	1.529	-1.341	0.99	61	1977	2.31	7.82E-58	Lower
862-01	1.439	-1.436	0.98	59	1977	3.12	3.14E-50	Middle
862-01	1.364	-1.514	0.97	66	1977	4.50	2.86E-51	Upper
862-04	1.410	-1.462	0.96	90	1963	9.56	9.82E-63	Lower
862-04	1.332	-1.548	0.96	88	1963	8.54	3.42E-61	Middle
862-04	1.249	-1.639	0.96	96	1963	7.02	3.12E-69	Upper
862-06	0.573	-0.040	0.80	58	1960	5.98	3.35E-21	Lower
862-06	1.255	-1.004	0.79	56	1960	29.06	3.82E-20	Middle
862-06	1.342	-1.551	0.80	64	1960	35.83	3.60E-23	Upper
862-07	1.481	-1.383	0.76	80	1955	58.81	8.60E-26	Lower
862-07	1.382	-1.675	0.70	79	1955	67.79	1.11E-21	Middle
862-07	1.292	-1.736	0.71	86	1955	62.94	5.11E-24	Upper
862-09	1.129	-2.056	0.70	87	1959	54.33	1.16E-23	Lower
862-09	0.980	-2.207	0.68	88	1959	43.28	6.65E-23	Middle
862-09	0.993	-2.196	0.72	92	1959	42.12	2.62E-26	Upper
862-11	1.304	-1.591	0.99	21	1962	0.62	2.19E-20	Lower
862-11	1.191	-1.715	1.00	19	1962	0.12	1.12E-23	Middle
862-11	1.162	-1.742	0.99	27	1962	0.61	2.79E-26	Upper
862-14	1.453	-1.428	0.99	57	1962	2.74	1.89E-53	Lower
862-14	1.395	-1.489	0.98	57	1962	3.39	6.88E-50	Middle
862-14	1.295	-1.598	0.98	63	1962	3.30	8.11E-55	Upper
862-17	1.636	-1.395	0.81	148	1982	91.08	9.86E-54	Lower
862-17	1.637	-1.522	0.84	149	1982	70.81	4.17E-61	Middle
862-17	1.581	-1.580	0.84	154	1982	71.21	1.49E-61	Upper
862-21	1.333	-1.555	0.99	101	1957	4.30	2.12E-92	Lower
862-21	1.255	-1.639	0.98	104	1960	5.10	4.31E-89	Middle
862-21	1.194	-1.704	0.98	113	1960	4.40	2.81E-99	Upper
863-02	1.216	-0.232	0.53	84	1952	60.89	3.95E-15	Lower
863-02	1.390	-1.612	0.61	80	1951	52.49	1.02E-17	Middle
863-02	1.266	-1.874	0.64	89	1951	47.63	9.14E-21	Upper
863-06	1.400	-0.585	0.77	119	1984	57.68	1.54E-39	Lower
863-06	1.515	-1.583	0.70	118	1984	96.24	2.11E-32	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
863-06	1.411	-1.728	0.69	125	1984	94.36	4.62E-33	Upper
863-07	1.320	-0.801	0.56	129	1990	131.89	2.85E-24	Lower
863-07	1.610	-1.503	0.67	129	1990	117.98	9.11E-33	Middle
863-07	1.531	-1.574	0.69	135	1990	105.19	1.89E-35	Upper
863-08	1.366	-1.701	0.68	26	1976	20.94	2.56E-07	Lower
863-08	1.308	-1.863	0.66	29	1976	23.81	8.36E-08	Middle
863-08	1.233	-1.959	0.63	30	1976	24.32	1.61E-07	Upper
863-09	1.526	-0.990	0.86	33	1979	13.33	5.22E-15	Lower
863-09	1.633	-1.237	1.00	32	1979	0.21	2.23E-41	Middle
863-09	1.550	-1.325	0.99	37	1979	0.82	3.45E-38	Upper
863-10	1.373	-1.518	1.00	5	1958	0.01	5.88E-06	Lower
863-10	1.181	-1.725	1.00	4	1958	0.02	9.42E-04	Middle
863-10	1.166	-1.741	0.99	9	1958	0.17	1.68E-08	Upper
864-01	1.388	-1.491	0.98	15	1965	0.67	6.71E-13	Lower
864-01	1.303	-1.582	0.97	14	1965	0.77	9.92E-11	Middle
864-01	1.264	-1.621	0.96	21	1965	1.63	5.48E-15	Upper
864-03	1.324	0.406	0.59	49	1994	26.18	1.18E-10	Lower
864-03	2.129	-0.738	0.74	50	1994	34.99	9.08E-16	Middle
864-03	1.460	-1.643	0.55	53	1994	41.82	1.76E-10	Upper
864-04	0.761	-0.119	0.80	46	1987	6.33	3.50E-17	Lower
864-04	1.529	-1.138	0.91	48	1987	11.10	2.76E-25	Middle
864-04	1.505	-1.329	0.95	52	1987	5.41	4.49E-35	Upper
864-06	0.983	-0.486	0.77	126	1977	32.11	6.04E-42	Lower
864-06	1.479	-1.368	0.96	124	1977	11.18	3.51E-85	Middle
864-06	1.392	-1.460	0.95	132	1977	12.57	1.50E-85	Upper
864-07	1.515	-1.269	0.96	110	1980	9.96	5.17E-79	Lower
864-07	1.461	-1.396	0.97	112	1980	8.22	2.61E-83	Middle
864-07	1.364	-1.500	0.96	116	1980	10.05	3.91E-79	Upper
864-08	1.486	-1.359	0.97	26	1985	1.72	1.58E-19	Lower
864-08	1.423	-1.434	0.97	28	1985	1.45	3.23E-22	Middle
864-08	1.360	-1.499	0.98	32	1985	1.21	3.17E-26	Upper
864-09	1.589	-1.229	0.96	73	1986	6.40	2.38E-51	Lower
864-09	1.495	-1.319	0.94	71	1986	7.66	6.26E-45	Middle
864-09	1.422	-1.413	0.96	79	1986	5.45	1.24E-55	Upper
864-11	0.736	-0.119	0.88	128	1987	7.56	3.84E-59	Lower
864-11	1.153	-0.842	0.79	126	1987	34.41	3.08E-44	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
864-11	1.420	-1.405	0.96	134	1987	8.66	2.86E-94	Upper
864-13	1.298	-1.598	1.00	12	1967	0.11	7.90E-14	Lower
864-13	1.204	-1.701	1.00	12	1967	0.03	1.13E-16	Middle
864-13	1.175	-1.731	1.00	16	1967	0.08	4.40E-20	Upper
864-14	1.358	-1.697	0.76	51	1967	32.24	1.33E-16	Lower
864-14	1.263	-1.896	0.79	46	1967	20.01	1.62E-16	Middle
864-14	1.257	-1.893	0.80	57	1967	25.26	1.11E-20	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
009-31	0.934	0.121	0.94	22	1982	1.66	1.62E-13	Lower
009-31	1.011	-0.330	0.75	23	1982	10.10	9.79E-08	Middle
009-31	1.515	-1.325	0.92	27	1982	6.61	2.26E-15	Upper
019-30	1.753	-0.671	0.80	23	1979	13.71	8.55E-09	Lower
019-30	1.836	-1.018	1.00	23	1979	0.08	3.53E-31	Middle
019-30	1.668	-1.200	0.98	28	1979	2.07	7.74E-23	Upper
029-04	1.735	-0.821	0.93	75	1979	25.27	8.35E-43	Lower
029-04	1.800	-1.057	1.00	74	1979	0.39	3.12E-107	Middle
029-04	1.500	-1.377	0.96	81	1979	10.31	1.02E-57	Upper
029-06	1.283	-0.537	0.86	29	1961	13.12	3.40E-13	Lower
029-06	1.635	-1.235	1.00	30	1961	0.28	1.97E-39	Middle
029-06	1.482	-1.399	0.97	34	1961	4.44	3.89E-25	Upper
029-07	1.138	-2.072	0.54	68	1980	41.51	8.26E-13	Upper
031-09	1.898	-0.252	0.71	11	1989	8.88	1.13E-03	Lower
031-09	2.006	-0.830	0.99	15	1989	0.51	4.84E-15	Middle
031-09	1.726	-1.137	0.99	17	1989	0.60	5.75E-16	Upper
033-01	1.603	-1.817	0.60	15	1994	15.05	7.34E-04	Upper
033-02	1.402	-1.920	0.65	17	1994	11.45	8.49E-05	Upper
035-04	1.622	-1.693	0.56	10	1993	15.56	1.25E-02	Upper
038-01	1.759	-0.422	0.72	34	1991	30.69	3.02E-10	Lower
038-01	2.009	-0.818	0.99	34	1991	1.59	8.60E-31	Middle
038-01	1.874	-0.967	0.99	41	1972	2.07	2.76E-37	Upper
038-02	1.784	-1.485	0.79	8	1976	6.23	2.97E-03	Upper
039-01	2.850	0.075	1.00	32	1986	0.00		Middle
039-01	2.203	-0.622	0.99	35	1986	0.39	1.30E-35	Upper
040-04	1.346	-1.829	0.54	25	1984	30.35	3.19E-05	Upper
041-02	1.603	-0.700	0.64	117	1984	189.80	2.13E-27	Lower
041-02	1.917	-1.216	0.83	120	1995	99.35	1.16E-47	Middle
041-02	1.732	-1.370	0.81	127	1984	101.02	2.21E-46	Upper
041-03	0.927	0.772	0.78	130	1989	26.93	5.08E-44	Lower
041-03	1.932	-1.004	0.68	130	1989	197.02	3.02E-33	Middle
041-03	1.841	-1.281	0.73	145	1989	160.34	3.23E-42	Upper
042-02	1.550	-1.617	0.64	75	1955	101.57	9.11E-18	Middle
042-02	1.537	-1.629	0.63	82	1955	112.43	9.37E-19	Upper
042-05	1.716	-0.549	0.87	64	1979	37.47	1.53E-29	Lower
042-05	1.918	-0.923	1.00	68	1981	1.22	1.29E-82	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
042-05	1.770	-1.079	0.97	76	1985	9.67	7.45E-59	Upper
042-07	1.016	-0.276	0.51	134	1970	181.80	4.65E-22	Lower
042-07	1.759	-1.398	0.85	132	1972	98.89	4.05E-55	Middle
042-07	1.640	-1.489	0.83	155	1970	110.32	2.46E-61	Upper
045-31	0.981	0.387	0.97	68	1977	2.14	3.16E-53	Lower
045-31	1.310	-0.193	0.88	69	1979	18.16	2.13E-32	Middle
045-31	1.753	-1.062	0.94	80	1977	16.67	1.22E-49	Upper
052-06	1.043	-2.110	0.51	11	1976	8.59	1.40E-02	Middle
052-06	1.184	-1.959	0.59	16	1975	13.43	4.77E-04	Upper
052-08	1.687	0.099	0.55	21	1992	30.01	1.22E-04	Lower
052-08	2.125	-0.666	0.92	23	1975	6.06	4.04E-13	Middle
052-08	1.779	-1.040	0.95	28	1992	3.98	3.36E-18	Upper
053-01	1.489	-0.634	0.68	32	1989	31.98	7.73E-09	Lower
053-01	1.753	-1.084	0.97	33	1989	3.00	6.78E-25	Middle
053-01	1.584	-1.248	0.95	40	1974	7.06	7.38E-26	Upper
053-05	1.785	-1.491	0.83	52	1972	39.46	3.74E-21	Middle
053-05	1.719	-1.496	0.82	58	1972	43.57	9.54E-23	Upper
053-30	1.334	-0.736	0.88	38	1955	16.52	2.34E-18	Lower
053-30	1.587	-1.287	1.00	34	1955	0.24	9.34E-47	Middle
053-30	1.333	-1.559	0.96	44	1955	5.76	3.61E-31	Upper
056-06	1.998	-1.464	0.59	8	1980	12.25	2.60E-02	Upper
061-01	1.547	-0.562	0.88	8	1982	3.55	5.73E-04	Lower
061-01	1.848	-0.990	0.99	11	1982	0.30	5.48E-11	Middle
061-01	1.539	-1.342	0.94	13	1982	2.27	3.69E-08	Upper
063-05	2.049	-0.789	1.00	11	1990	0.01	7.04E-19	Lower
063-05	2.000	-0.842	1.00	11	1990	0.00	1.26E-23	Middle
063-05	1.894	-0.956	0.99	16	1990	0.65	1.63E-15	Upper
066-01	2.055	-0.778	1.00	18	1989	0.22	2.68E-22	Lower
066-01	2.057	-0.771	1.00	20	1989	0.39	5.32E-23	Middle
066-01	1.951	-0.882	0.98	23	1989	1.74	3.04E-20	Upper
097-01	1.298	-1.879	0.58	17	1990	11.47	3.71E-04	Upper
098-03	1.581	-1.828	0.52	66	1994	78.73	7.13E-12	Middle
098-03	1.484	-1.900	0.54	70	1994	70.08	3.29E-13	Upper
100-01	1.777	-0.681	0.78	39	1990	24.16	1.17E-13	Lower
100-01	2.014	-0.819	0.99	38	1990	0.97	8.39E-38	Middle
100-01	1.860	-0.993	0.99	46	1982	0.83	1.33E-51	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
100-03	1.195	0.017	0.84	33	1983	11.99	9.16E-14	Lower
100-03	1.869	-0.976	0.99	32	1983	1.00	4.41E-34	Middle
100-03	1.562	-1.298	0.95	38	1983	6.19	4.30E-25	Upper
101-01	1.411	-1.348	0.55	85	1981	99.23	4.37E-16	Lower
101-01	1.540	-1.582	0.71	84	1981	53.61	8.87E-24	Middle
101-01	1.571	-1.546	0.78	93	1982	53.10	1.46E-31	Upper
101-02	1.570	-1.647	0.74	56	1961	61.76	2.37E-17	Middle
101-02	1.539	-1.757	0.76	62	1961	59.48	4.79E-20	Upper
103-01	1.833	-1.326	0.79	41	1979	36.76	1.20E-14	Middle
103-01	1.834	-1.448	0.83	45	1979	31.62	4.71E-18	Upper
105-02	1.947	-1.188	0.73	40	1992	38.30	1.65E-12	Upper
105-03	1.461	-0.321	0.81	11	1985	7.36	1.72E-04	Lower
105-03	1.966	-0.869	1.00	14	1985	0.31	1.95E-15	Middle
105-03	1.761	-1.080	0.94	17	1985	3.87	7.85E-11	Upper
106-01	1.406	-0.895	0.59	83	1977	128.44	2.45E-17	Lower
106-01	1.799	-1.401	0.85	81	1977	51.52	8.26E-34	Middle
106-01	1.727	-1.478	0.85	93	1977	57.11	2.13E-39	Upper
106-02	1.597	-1.643	0.62	72	1982	96.83	1.54E-16	Middle
106-02	1.507	-1.706	0.63	75	1982	88.00	1.66E-17	Upper
108-01	1.371	-1.828	0.59	41	1978	45.14	4.44E-09	Middle
108-01	1.367	-1.842	0.60	48	1978	52.40	1.01E-10	Upper
111-02	1.147	-2.142	0.52	125	1980	130.17	2.48E-21	Upper
113-01	1.288	-1.948	0.66	62	1956	55.37	1.71E-15	Middle
113-01	1.152	-2.047	0.61	68	1956	56.53	2.80E-15	Upper
115-01	1.527	-1.732	0.72	130	1959	139.08	2.80E-37	Middle
115-01	1.505	-1.751	0.72	140	1960	147.72	2.97E-40	Upper
115-02	1.567	-1.135	0.97	49	1954	7.61	1.07E-36	Lower
115-02	1.513	-1.367	0.98	49	1954	4.48	2.76E-41	Middle
115-02	1.272	-1.624	0.95	55	1954	9.24	1.49E-35	Upper
116-02	0.957	0.054	0.99	45	1965	0.56	2.50E-46	Lower
116-02	1.425	-0.792	0.90	47	1965	16.57	1.93E-24	Middle
116-02	1.434	-1.444	0.94	51	1965	9.82	3.12E-32	Upper
116-03	1.050	0.227	0.99	87	1976	1.61	8.21E-82	Lower
116-03	1.344	-0.345	0.89	88	1976	24.40	8.20E-43	Middle
116-03	1.687	-1.172	0.95	93	1976	15.90	1.42E-62	Upper
117-04	1.721	-1.037	0.83	40	1965	7.66	4.39E-16	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
117-04	1.809	-1.046	0.99	40	1965	0.44	4.37E-41	Middle
117-04	1.594	-1.276	0.97	44	1965	1.82	6.78E-35	Upper
118-02	1.001	0.229	0.98	66	1973	1.45	1.35E-58	Lower
118-02	1.659	-0.905	0.96	69	1973	10.72	6.25E-48	Middle
118-02	1.534	-1.331	0.93	72	1973	15.02	3.86E-43	Upper
118-03	1.050	0.412	0.98	93	1984	1.70	2.20E-84	Lower
118-03	1.931	-0.898	1.00	94	1984	1.86	7.33E-108	Middle
118-03	1.810	-1.040	0.97	99	1984	12.31	1.64E-72	Upper
119-01	1.472	-0.910	0.86	30	1964	15.75	1.34E-13	Lower
119-01	1.548	-1.326	0.98	31	1964	1.73	6.72E-28	Middle
119-01	1.371	-1.517	0.97	35	1964	3.68	4.66E-26	Upper
119-02	1.048	-0.154	0.90	71	1955	14.55	6.13E-37	Lower
119-02	1.589	-1.281	0.99	72	1955	4.45	5.78E-67	Middle
119-02	1.367	-1.520	0.95	77	1955	13.01	9.30E-51	Upper
120-01	0.953	0.632	0.97	94	1986	2.55	1.05E-72	Lower
120-01	1.754	-0.520	0.92	94	1986	25.22	2.39E-52	Middle
120-01	1.859	-0.966	0.96	100	1986	14.75	1.06E-69	Upper
121-01	2.028	-0.811	1.00	38	1991	0.06	5.95E-58	Lower
121-01	1.872	-0.980	0.98	40	1991	1.37	8.49E-36	Middle
121-01	1.695	-1.171	0.97	43	1990	3.49	1.59E-31	Upper
121-02	1.614	-1.072	0.97	25	1956	4.02	1.73E-18	Lower
121-02	1.654	-1.211	1.00	24	1956	0.18	1.21E-32	Middle
121-02	1.593	-1.286	0.99	34	1975	1.80	5.17E-32	Upper
123-01	1.075	0.087	0.92	60	1981	8.54	2.26E-33	Lower
123-01	1.880	-0.967	1.00	57	1977	0.46	2.18E-78	Middle
123-01	1.809	-1.043	0.98	71	1981	5.31	2.09E-63	Upper
123-02	1.935	-0.912	1.00	7	1981	0.00	8.27E-12	Upper
123-03	1.755	-0.803	0.93	39	1981	13.01	9.70E-23	Lower
123-03	1.812	-1.043	1.00	38	1981	0.82	1.41E-43	Middle
123-03	1.614	-1.255	0.96	45	1981	7.15	2.36E-31	Upper
125-03	1.419	-0.941	0.55	143	1982	270.13	5.98E-26	Lower
125-03	1.749	-1.415	0.78	143	1982	140.25	5.63E-48	Middle
125-03	1.668	-1.496	0.77	156	1982	147.35	8.82E-51	Upper
126-02	1.728	-0.840	0.89	44	1979	17.19	2.31E-21	Lower
126-02	1.766	-1.093	1.00	43	1979	0.45	1.74E-52	Middle
126-02	1.486	-1.394	0.97	50	1979	3.92	9.79E-39	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
127-05	1.593	-0.675	0.91	92	1976	36.85	4.99E-48	Lower
127-05	1.788	-1.069	1.00	93	1977	0.56	5.51E-134	Middle
127-05	1.637	-1.229	0.97	101	1976	13.19	3.32E-76	Upper
128-02	1.675	-1.192	1.00	6	1963	0.01	9.99E-08	Middle
128-02	1.607	-1.267	0.99	9	1963	0.20	4.01E-09	Upper
128-03	1.647	-1.332	0.62	113	1983	170.28	4.76E-25	Lower
128-03	1.684	-1.479	0.67	112	1983	138.95	2.34E-28	Middle
128-03	1.691	-1.468	0.71	122	1983	136.36	1.27E-33	Upper
130-02	2.542	-0.241	0.97	68	1975	4.19	2.49E-53	Middle
130-02	2.051	-0.763	0.95	71	1975	8.05	7.39E-46	Upper
131-01	1.523	-0.079	0.77	75	1992	60.38	7.30E-25	Lower
131-01	2.055	-0.731	0.98	77	1992	6.83	6.64E-67	Middle
131-01	1.932	-0.879	0.98	88	1981	9.24	2.20E-71	Upper
132-07	0.828	0.635	0.58	55	1968	30.36	1.33E-11	Lower
132-07	1.370	-1.174	0.58	57	1968	88.75	8.34E-12	Middle
132-07	1.646	-1.608	0.83	60	1968	37.79	5.49E-24	Upper
134-02	2.296	-0.165	0.57	31	1978	23.58	8.97E-07	Lower
134-02	2.696	-0.091	1.00	29	1980	0.00		Middle
134-02	2.049	-0.781	0.97	35	1980	1.99	5.02E-26	Upper
134-03	1.815	-0.823	0.95	41	1982	9.14	1.10E-27	Lower
134-03	1.841	-1.015	1.00	42	1982	0.98	6.69E-48	Middle
134-03	1.681	-1.181	0.96	47	1982	7.95	1.03E-32	Upper
134-04	1.152	0.235	0.86	79	1985	19.69	9.68E-35	Lower
134-04	1.997	-0.838	1.00	80	1985	1.19	2.66E-99	Middle
134-04	1.858	-1.003	0.97	84	1985	10.27	2.45E-64	Upper
135-01	1.085	-0.114	0.92	74	1959	10.84	1.24E-41	Lower
135-01	1.654	-1.212	1.00	70	1959	0.66	2.88E-91	Middle
135-01	1.420	-1.455	0.92	80	1959	19.21	2.29E-45	Upper
135-02	1.726	-0.708	0.80	17	1985	9.48	1.48E-06	Lower
135-02	1.844	-1.009	1.00	16	1985	0.01	3.49E-28	Middle
135-02	1.716	-1.151	0.97	22	1985	1.90	2.41E-17	Upper
136-01	1.600	-1.655	0.80	115	1964	75.38	8.60E-41	Middle
136-01	1.456	-1.784	0.79	121	1964	70.13	8.60E-42	Upper
136-02	1.524	-1.595	0.80	78	1964	39.34	2.28E-28	Middle
136-02	1.442	-1.683	0.82	83	1982	38.23	1.85E-31	Upper
137-01	1.934	-0.800	0.95	57	1987	10.32	1.09E-38	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
137-01	1.943	-0.903	1.00	57	1987	0.40	2.62E-76	Middle
137-01	1.780	-1.078	0.98	63	1987	4.96	2.34E-52	Upper
137-02	1.249	-0.083	0.85	73	1978	30.12	1.69E-30	Lower
137-02	1.839	-1.011	1.00	75	1978	1.03	6.29E-95	Middle
137-02	1.605	-1.256	0.96	79	1978	13.30	2.48E-54	Upper
137-03	0.977	0.055	0.99	66	1961	0.87	3.76E-67	Lower
137-03	1.234	-0.510	0.89	64	1960	18.69	6.49E-31	Middle
137-03	1.541	-1.334	0.96	76	1960	11.28	9.71E-53	Upper
138-01	0.992	0.069	0.99	11	1965	0.16	3.91E-10	Lower
138-01	1.673	-1.201	0.96	8	1965	1.30	2.54E-05	Middle
138-01	1.439	-1.444	0.91	16	1965	4.22	1.08E-08	Upper
138-02	0.952	0.029	1.00	71	1961	0.46	2.22E-82	Lower
138-02	1.524	-1.020	0.95	71	1961	13.95	1.77E-46	Middle
138-02	1.369	-1.518	0.95	77	1961	10.92	1.68E-51	Upper
138-03	1.501	-0.834	0.92	50	1964	17.57	1.37E-27	Lower
138-03	1.642	-1.230	0.99	52	1965	1.79	5.68E-55	Middle
138-03	1.408	-1.481	0.96	61	1964	8.80	3.69E-42	Upper
138-04	1.737	-1.420	0.87	53	1973	28.26	2.28E-24	Middle
138-04	1.510	-1.634	0.85	59	1973	28.98	2.83E-25	Upper
138-30	1.503	-1.729	0.72	64	1974	44.37	1.38E-18	Middle
138-30	1.334	-1.853	0.67	68	1974	44.99	9.66E-18	Upper
143-01	1.580	-0.349	0.80	42	1987	29.19	1.02E-15	Lower
143-01	1.699	-1.155	0.97	42	1988	3.94	6.72E-33	Middle
143-01	1.484	-1.380	0.97	49	1988	3.38	7.09E-39	Upper
143-02	1.582	-0.594	0.82	32	1983	21.64	1.08E-12	Lower
143-02	1.721	-1.137	0.98	31	1983	2.00	2.81E-27	Middle
143-02	1.504	-1.363	0.96	38	1983	4.81	1.25E-26	Upper
143-04	1.281	0.480	0.64	86	1979	70.05	2.24E-20	Lower
143-04	2.296	-0.462	0.96	84	1986	14.31	8.58E-61	Middle
143-04	2.140	-0.633	0.96	93	1979	17.62	3.03E-64	Upper
143-05	1.593	-0.468	0.82	40	1977	30.11	1.04E-15	Lower
143-05	1.884	-0.956	0.99	43	1977	1.31	1.13E-46	Middle
143-05	1.792	-1.041	0.97	48	1977	5.51	3.16E-38	Upper
146-01	1.297	-0.764	0.86	30	1962	13.82	1.54E-13	Lower
146-01	1.465	-1.413	0.97	31	1962	3.75	2.75E-23	Middle
146-01	1.234	-1.664	0.98	35	1962	1.77	9.10E-30	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
149-01	1.648	-1.434	0.68	28	1973	38.24	6.91E-08	Middle
149-01	1.632	-1.646	0.72	30	1973	32.42	2.58E-09	Upper
149-02	1.163	0.034	0.85	29	1982	8.95	1.05E-12	Lower
149-02	1.870	-0.945	0.99	28	1982	1.65	7.30E-26	Middle
149-02	1.685	-1.126	0.96	39	1982	6.16	6.60E-27	Upper
149-30	0.909	-0.018	1.00	7	1943	0.06	5.49E-07	Lower
149-30	1.464	-1.018	0.92	9	1943	3.43	4.92E-05	Middle
149-30	1.458	-1.420	0.97	11	1943	1.54	4.84E-08	Upper
150-02	1.667	-0.535	0.89	34	1988	16.10	4.12E-17	Lower
150-02	1.863	-0.982	0.99	32	1988	1.28	7.24E-33	Middle
150-02	1.692	-1.156	0.96	45	1976	7.90	1.02E-30	Upper
152-01	1.522	-0.437	0.88	69	1980	29.31	2.78E-32	Lower
152-01	1.836	-1.017	1.00	71	1980	0.77	2.43E-91	Middle
152-01	1.640	-1.235	0.96	75	1980	10.08	7.75E-54	Upper
153-01	1.322	-1.845	0.53	58	1987	67.40	1.04E-10	Upper
155-03	1.683	-0.421	0.86	70	1988	38.94	5.41E-31	Lower
155-03	1.900	-0.932	0.98	72	1988	4.99	5.15E-65	Middle
155-03	1.559	-1.285	0.94	79	1988	15.40	5.06E-48	Upper
160-01	1.463	-0.497	0.81	14	1979	9.69	1.27E-05	Lower
160-01	1.844	-1.007	1.00	15	1979	0.11	9.84E-20	Middle
160-01	1.791	-1.061	0.99	20	1979	1.00	3.00E-19	Upper
160-02	1.429	-0.457	0.88	43	1977	18.32	3.27E-20	Lower
160-02	1.790	-1.066	1.00	39	1977	0.13	3.04E-60	Middle
160-02	1.579	-1.287	0.95	48	1977	8.65	4.40E-32	Upper
161-09	2.021	-1.195	0.80	24	1983	22.19	3.59E-09	Middle
161-09	1.972	-1.284	0.79	32	1983	28.40	1.12E-11	Upper
163-01	1.622	-1.166	0.98	38	1958	3.91	2.54E-31	Lower
163-01	1.610	-1.263	1.00	41	1958	0.42	3.50E-53	Middle
163-01	1.383	-1.508	0.98	44	1958	3.69	9.89E-36	Upper
163-02	0.992	-2.187	0.55	34	1953	15.01	4.70E-07	Middle
163-02	0.948	-2.187	0.55	36	1953	14.77	2.14E-07	Upper
164-02	1.361	-0.147	0.81	102	1980	62.98	1.12E-37	Lower
164-02	1.883	-0.963	1.00	100	1981	1.66	1.67E-123	Middle
164-02	1.751	-1.105	0.97	113	1980	12.35	9.48E-91	Upper
164-03	1.335	0.022	0.79	53	1986	32.56	1.08E-18	Lower
164-03	1.975	-0.841	0.99	57	1979	3.26	5.80E-55	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
164-03	1.805	-1.012	0.95	63	1986	13.73	6.14E-41	Upper
164-04	1.907	-0.864	0.98	42	1982	4.16	1.19E-35	Lower
164-04	1.814	-1.048	0.99	43	1988	2.47	1.30E-40	Middle
164-04	1.711	-1.162	0.98	49	1982	4.18	2.55E-41	Upper
165-02	1.424	-1.160	0.56	52	1983	73.41	2.05E-10	Lower
165-02	1.464	-1.558	0.63	49	1983	46.12	7.79E-12	Middle
165-02	1.429	-1.633	0.73	63	1976	50.39	7.28E-19	Upper
165-03	1.336	-0.458	0.83	37	1973	20.10	3.20E-15	Lower
165-03	1.561	-1.309	0.99	35	1973	1.95	9.89E-32	Middle
165-03	1.327	-1.561	0.98	41	1973	2.79	4.51E-33	Upper
166-03	1.270	-1.806	0.51	86	1991	86.28	1.39E-14	Middle
166-03	1.251	-1.833	0.56	95	1985	85.45	3.63E-18	Upper
166-04	0.994	0.073	0.99	75	1954	1.18	1.46E-72	Lower
166-04	1.342	-0.727	0.91	74	1954	16.98	7.70E-40	Middle
166-04	1.484	-1.387	0.94	81	1954	14.57	7.09E-51	Upper
167-04	0.990	-0.031	0.92	104	1979	15.05	1.63E-57	Lower
167-04	1.615	-1.229	0.98	104	1958	8.10	1.46E-91	Middle
167-04	1.418	-1.406	0.92	114	1979	31.15	6.58E-64	Upper
168-01	1.308	-1.604	0.60	76	1985	17.01	2.96E-16	Upper
171-04	1.158	-0.114	0.91	34	1960	6.86	1.47E-18	Lower
171-04	1.689	-1.177	1.00	32	1952	0.34	3.33E-41	Middle
171-04	1.583	-1.288	0.98	40	1960	2.92	2.16E-34	Upper
172-30	0.843	0.519	0.75	70	1970	19.26	2.54E-22	Lower
172-30	1.530	-1.418	0.72	71	1970	76.79	1.49E-20	Middle
172-30	1.338	-1.895	0.74	75	1970	57.70	8.12E-23	Upper
175-01	1.291	-0.463	0.88	20	1963	7.09	8.00E-10	Lower
175-01	1.689	-1.176	1.00	22	1963	0.04	6.35E-36	Middle
175-01	1.635	-1.234	0.99	26	1963	1.43	5.85E-24	Upper
175-02	1.721	-1.318	0.55	92	1994	158.53	3.24E-17	Lower
175-02	1.743	-1.537	0.65	90	1976	103.36	5.28E-22	Middle
175-02	1.737	-1.570	0.66	103	1994	124.34	3.49E-25	Upper
176-01	1.524	-1.276	0.81	79	1962	58.04	1.04E-29	Lower
176-01	1.486	-1.577	0.90	78	1955	26.08	1.33E-39	Middle
176-01	1.293	-1.770	0.90	87	1962	24.82	1.90E-43	Upper
176-03	1.625	-1.373	0.83	17	1960	13.14	3.61E-07	Middle
176-03	1.617	-1.686	0.86	21	1960	11.83	1.71E-09	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
178-01	1.487	-0.289	0.83	118	1985	73.07	2.15E-46	Lower
178-01	1.859	-0.968	0.98	121	1991	11.37	1.01E-103	Middle
178-01	1.715	-1.107	0.94	132	1985	31.98	3.10E-82	Upper
179-01	2.364	-0.131	0.58	29	1976	21.87	1.45E-06	Lower
179-01	2.244	-0.579	1.00	28	1976	0.00		Middle
179-01	2.007	-0.818	0.92	33	1976	4.39	6.14E-19	Upper
181-01	1.728	-1.135	1.00	43	1965	0.09	1.12E-70	Lower
181-01	1.693	-1.173	1.00	42	1965	0.05	1.27E-73	Middle
181-01	1.492	-1.388	0.97	47	1965	4.87	4.84E-37	Upper
182-01	0.875	0.047	0.90	131	1994	15.62	3.62E-67	Lower
182-01	1.416	-1.053	0.83	129	1977	77.14	1.95E-50	Middle
182-01	1.486	-1.421	0.91	146	1976	43.86	6.41E-78	Upper
186-01	1.968	-0.687	0.91	44	1986	13.48	6.29E-24	Lower
186-01	2.006	-0.833	1.00	45	1986	0.18	6.52E-65	Middle
186-01	1.814	-1.042	0.98	50	1986	3.78	2.11E-41	Upper
186-04	1.318	0.022	0.82	76	1983	38.16	3.27E-29	Lower
186-04	1.941	-0.899	1.00	78	1983	0.84	5.31E-103	Middle
186-04	1.841	-1.011	0.98	84	1983	6.68	2.38E-73	Upper
186-30	1.638	-0.385	0.90	80	1980	30.67	1.18E-40	Lower
186-30	1.915	-0.932	1.00	82	1980	0.28	9.41E-127	Middle
186-30	1.818	-1.037	0.98	86	1980	6.27	9.18E-76	Upper
191-02	1.438	-1.732	0.56	106	1987	132.80	3.27E-20	Middle
191-02	1.369	-1.803	0.58	110	1987	120.29	7.36E-22	Upper
191-03	1.218	-1.953	0.52	56	1975	59.27	4.78E-10	Upper
192-02	1.770	-1.090	1.00	31	1990	0.00		Lower
192-02	1.613	-1.258	0.99	35	1990	0.44	1.17E-34	Upper
195-01	1.772	-0.809	0.77	60	1976	28.86	4.87E-20	Lower
195-01	1.747	-1.115	0.99	61	1976	0.78	3.32E-63	Middle
195-01	1.498	-1.364	0.93	65	1976	7.55	1.36E-37	Upper
197-02	1.816	-1.043	1.00	7	1978	0.12	4.39E-07	Lower
197-02	1.720	-1.145	1.00	7	1978	0.02	5.91E-09	Middle
197-02	1.679	-1.143	0.93	14	1989	3.59	1.75E-08	Upper
198-01	1.590	-1.610	0.69	19	1981	14.65	1.01E-05	Middle
198-01	1.535	-1.706	0.69	24	1981	18.24	6.01E-07	Upper
202-01	0.968	-2.162	0.64	62	1992	20.14	4.97E-15	Upper
202-03	1.311	-0.433	0.85	61	1979	29.75	3.83E-26	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
202-03	1.682	-1.167	0.99	64	1979	2.26	3.79E-67	Middle
202-03	1.469	-1.423	0.98	72	1979	6.22	5.50E-58	Upper
205-01	0.942	0.296	0.96	98	1982	6.10	1.25E-67	Lower
205-01	0.919	0.027	0.91	98	1958	12.54	1.63E-52	Middle
205-01	1.541	-1.276	0.92	109	1958	35.98	2.38E-59	Upper
207-03	1.387	-1.785	0.62	67	1956	82.79	2.22E-15	Middle
207-03	1.515	-1.716	0.71	77	1956	84.19	1.21E-21	Upper
207-04	1.818	0.106	0.61	19	1987	24.98	7.44E-05	Lower
207-04	2.403	-0.399	0.99	17	1956	0.44	1.29E-16	Middle
207-04	2.133	-0.674	0.95	23	1987	3.97	2.94E-15	Upper
207-05	1.049	0.287	0.99	8	1982	0.17	9.32E-07	Lower
207-05	1.976	-0.865	1.00	9	1982	0.09	8.94E-11	Middle
207-05	1.865	-0.979	1.00	14	1982	0.23	7.14E-16	Upper
207-06	2.004	-0.840	1.00	5	1985	0.03	1.96E-05	Lower
207-06	1.964	-0.879	1.00	5	1985	0.00	9.08E-07	Middle
207-06	1.911	-0.932	0.99	9	1985	0.35	1.79E-08	Upper
208-02	0.971	0.389	0.99	115	1980	0.78	2.94E-126	Lower
208-02	1.184	-0.091	0.90	116	1980	20.03	1.11E-59	Middle
208-02	1.585	-1.264	0.93	121	1980	25.98	3.46E-70	Upper
209-01	2.134	-0.697	1.00	11	1990	0.00	7.92E-150	Middle
209-01	2.059	-0.775	1.00	14	1990	0.07	5.38E-18	Upper
209-02	1.833	-0.339	0.73	24	1979	25.77	8.90E-08	Lower
209-02	1.934	-0.915	1.00	21	1986	0.13	1.43E-26	Middle
209-02	1.839	-0.930	0.89	33	1979	14.18	1.16E-16	Upper
209-03	1.928	-0.255	0.64	37	1986	36.96	2.84E-09	Lower
209-03	2.161	-0.661	0.99	38	1986	1.14	8.93E-35	Middle
209-03	2.002	-0.834	0.98	42	1986	2.56	1.94E-34	Upper
210-04	2.074	-0.471	0.90	28	1990	13.71	2.69E-14	Lower
210-04	2.118	-0.703	0.99	28	1990	0.81	2.83E-30	Middle
210-04	1.947	-0.879	0.96	34	1990	5.46	2.88E-24	Upper
211-01	1.060	0.173	1.00	50	1979	0.26	3.65E-60	Lower
211-01	1.653	-0.565	0.86	52	1979	27.77	2.37E-23	Middle
211-01	1.826	-1.024	0.99	54	1979	2.21	4.94E-54	Upper
211-04	1.591	-1.148	0.69	28	1983	17.51	5.31E-08	Lower
211-04	1.506	-1.450	0.83	26	1983	6.31	9.54E-11	Middle
211-04	1.476	-1.543	0.86	35	1983	11.33	8.24E-16	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
211-05	1.731	-1.624	0.79	7	1978	5.32	7.72E-03	Middle
211-05	1.654	-1.481	0.80	11	1978	7.44	1.93E-04	Upper
211-30	1.230	-1.907	0.51	64	1985	44.07	3.34E-11	Upper
212-01	0.995	0.139	0.98	106	1979	2.75	2.45E-87	Lower
212-01	1.287	-0.411	0.89	105	1966	26.21	2.63E-50	Middle
212-01	1.644	-1.169	0.95	121	1979	17.77	6.91E-80	Upper
213-01	1.428	-1.642	0.73	25	1987	17.60	5.83E-08	Middle
213-01	1.498	-1.633	0.73	31	1987	28.24	1.06E-09	Upper
213-02	1.082	0.078	0.85	33	1976	10.15	2.75E-14	Lower
213-02	1.693	-1.159	0.97	32	1976	4.36	3.99E-24	Middle
213-02	1.479	-1.353	0.93	41	1976	9.02	1.75E-24	Upper
213-03	1.999	-0.640	0.95	44	1989	10.30	1.35E-29	Lower
213-03	1.959	-0.876	0.99	48	1989	1.93	5.22E-49	Middle
213-03	1.591	-1.272	0.98	50	1989	3.22	6.63E-42	Upper
213-05	1.029	0.353	0.99	17	1982	0.20	1.19E-16	Lower
213-05	1.894	-0.945	1.00	19	1982	0.33	8.15E-22	Middle
213-05	1.824	-1.020	0.99	23	1982	1.09	2.72E-21	Upper
214-01	1.987	-0.855	1.00	13	1992	0.01	1.40E-20	Upper
216-02	1.425	-0.268	0.77	30	1987	21.85	1.78E-10	Lower
216-02	1.763	-1.074	0.97	30	1987	4.16	3.53E-22	Middle
216-02	1.558	-1.300	0.97	39	1987	4.15	9.07E-29	Upper
216-03	1.123	0.047	0.73	18	1976	10.21	6.32E-06	Lower
216-03	1.203	-0.061	0.90	21	1976	3.91	9.06E-11	Middle
216-03	1.884	-1.223	0.92	28	1947	9.19	8.55E-16	Upper
218-01	1.729	-0.845	0.95	31	1979	7.20	2.01E-20	Lower
218-01	1.776	-1.084	1.00	29	1979	0.17	7.86E-41	Middle
218-01	1.444	-1.444	0.98	36	1979	2.66	3.97E-29	Upper
218-30	1.046	0.307	0.98	18	1982	0.57	9.01E-15	Lower
218-30	1.916	-0.925	1.00	21	1982	0.17	1.54E-27	Middle
218-30	1.788	-1.073	0.98	24	1982	1.83	2.15E-20	Upper
219-05	2.198	-0.628	1.00	6	1985	0.00	3.45E-64	Middle
219-05	2.132	-0.698	1.00	8	1985	0.01	9.12E-12	Upper
220-02	1.555	-1.647	0.77	20	1995	17.68	4.47E-07	Middle
220-02	1.532	-1.715	0.71	27	1976	28.56	2.83E-08	Upper
220-03	1.299	-2.017	0.52	26	1995	28.13	3.26E-05	Upper
221-30	1.568	-1.294	0.95	7	1980	1.10	2.21E-04	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
221-30	1.356	-1.526	0.99	11	1980	0.26	2.26E-10	Upper
222-02	1.483	-0.679	0.88	14	1971	6.45	5.87E-07	Lower
222-02	1.639	-1.231	1.00	13	1971	0.14	1.21E-15	Middle
222-02	1.359	-1.528	0.98	19	1971	1.27	2.58E-15	Upper
222-03	0.891	0.100	0.92	122	1955	14.35	7.21E-69	Lower
222-03	1.499	-1.080	0.91	116	1957	43.58	1.30E-62	Middle
222-03	1.400	-1.449	0.95	132	1955	24.67	6.19E-86	Upper
223-02	0.989	0.079	0.99	86	1959	1.47	1.65E-83	Lower
223-02	1.107	-0.418	0.86	88	1959	26.94	3.10E-38	Middle
223-02	1.376	-1.506	0.94	92	1959	15.32	2.21E-58	Upper
223-30	1.800	0.197	0.64	60	1986	79.47	1.33E-14	Lower
223-30	2.368	-0.426	0.99	60	1991	3.55	3.71E-55	Middle
223-30	2.091	-0.713	0.95	67	1991	12.72	9.90E-44	Upper
225-01	1.071	-2.096	0.54	60	1990	44.45	2.17E-11	Upper
226-02	1.937	-1.269	0.61	21	1985	38.16	3.12E-05	Middle
226-02	1.804	-1.362	0.65	25	1985	34.31	1.12E-06	Upper
227-01	0.980	0.317	0.97	27	1974	1.42	1.01E-19	Lower
227-01	1.079	0.015	0.92	27	1974	3.94	1.83E-15	Middle
227-01	1.744	-1.110	0.99	31	1974	1.73	1.81E-29	Upper
227-02	1.304	-0.340	0.83	15	1974	7.91	2.42E-06	Lower
227-02	1.725	-1.134	0.99	15	1974	0.89	1.41E-13	Middle
227-02	1.547	-1.323	0.96	20	1974	3.23	9.45E-14	Upper
227-04	1.257	-0.448	0.72	113	1986	107.10	4.87E-32	Lower
227-04	1.655	-1.297	0.89	110	1950	53.07	1.72E-54	Middle
227-04	1.442	-1.483	0.86	131	1988	63.05	9.12E-57	Upper
228-07	1.554	0.049	0.65	22	1993	25.31	5.96E-06	Lower
228-07	1.849	-1.119	0.85	24	1982	13.69	1.56E-10	Middle
228-07	1.802	-1.142	0.85	27	1982	14.76	6.74E-12	Upper
229-01	1.414	-1.790	0.62	34	1980	25.02	3.27E-08	Middle
229-01	1.328	-1.863	0.67	39	1980	22.94	1.63E-10	Upper
229-03	1.011	0.672	0.99	37	1985	0.26	4.63E-40	Lower
229-03	1.014	0.415	0.98	40	1985	0.93	6.94E-34	Middle
229-03	1.694	-0.776	0.88	42	1985	18.62	5.90E-20	Upper
230-01	1.731	-1.458	0.72	96	1979	92.12	5.63E-28	Middle
230-01	1.676	-1.557	0.77	104	1979	77.20	1.19E-34	Upper
230-02	2.025	0.121	0.80	6	1983	5.42	1.55E-02	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
230-02	2.419	-0.383	1.00	7	1983	0.11	1.75E-07	Middle
230-02	2.341	-0.433	0.98	10	1983	0.92	4.29E-08	Upper
230-03	1.449	-1.581	0.54	39	1990	41.36	8.93E-08	Lower
230-03	1.454	-1.606	0.57	41	1990	44.42	1.36E-08	Middle
230-03	1.525	-1.525	0.63	45	1990	46.24	8.08E-11	Upper
230-04	1.619	-1.253	1.00	25	1960	0.02	1.46E-41	Lower
230-04	1.531	-1.348	1.00	29	1960	0.14	9.92E-39	Upper
230-05	1.239	-1.986	0.61	35	1993	32.48	3.08E-08	Upper
231-01	1.687	-0.960	0.91	39	1975	12.29	2.26E-21	Lower
231-01	1.613	-1.258	0.99	42	1975	1.27	8.08E-43	Middle
231-01	1.317	-1.578	0.99	45	1975	1.19	8.38E-44	Upper
231-02	1.078	0.830	0.98	27	1988	0.59	3.64E-22	Lower
231-02	1.863	-0.187	0.79	28	1988	21.46	3.11E-10	Middle
231-02	2.007	-0.832	0.98	30	1988	2.39	1.13E-24	Upper
235-01	1.416	-1.819	0.52	42	1995	58.78	6.05E-08	Middle
235-01	1.329	-1.909	0.55	49	1995	56.08	1.16E-09	Upper
236-01	1.590	-1.649	0.71	25	1977	19.38	1.31E-07	Middle
236-01	1.671	-1.562	0.79	34	1977	23.46	2.24E-12	Upper
236-02	1.233	0.435	0.74	11	1991	6.00	6.95E-04	Lower
236-02	2.111	-0.707	1.00	14	1991	0.27	1.13E-15	Middle
236-02	1.960	-0.775	0.91	17	1991	5.53	2.35E-09	Upper
237-02	1.907	-0.944	1.00	22	1988	0.27	1.12E-24	Lower
237-02	1.906	-0.939	0.99	25	1988	0.55	1.72E-26	Middle
237-02	1.584	-1.287	0.99	28	1988	0.55	5.39E-29	Upper
238-03	1.878	-0.756	0.51	73	1983	31.03	1.58E-12	Lower
238-03	1.853	-1.001	1.00	74	1983	0.03	4.03E-119	Middle
238-03	1.761	-1.093	0.95	78	1983	3.26	6.79E-53	Upper
239-01	2.059	-0.777	1.00	28	1989	0.11	6.26E-34	Lower
239-01	1.899	-0.951	1.00	28	1989	0.00		Middle
239-01	1.696	-1.169	0.99	34	1989	0.62	1.45E-34	Upper
241-01	1.724	-1.141	1.00	4	1980	0.07	2.22E-03	Lower
241-01	1.425	-1.462	1.00	4	1980	0.00	6.47E-32	Middle
241-01	1.519	-1.372	0.97	8	1980	0.77	1.09E-05	Upper
241-02	1.460	-1.689	0.54	113	1980	160.76	3.57E-20	Middle
241-02	1.299	-1.838	0.54	117	1983	132.07	3.52E-21	Upper
248-02	1.842	-1.012	1.00	6	1965	0.00	1.03E-10	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
248-02	1.559	-1.605	0.79	11	1965	8.83	2.57E-04	Upper
252-04	1.326	-0.555	0.87	59	1963	25.19	2.27E-27	Lower
252-04	1.575	-1.299	0.99	61	1963	1.81	6.36E-65	Middle
252-04	1.293	-1.602	0.98	65	1963	3.22	4.79E-57	Upper
253-03	1.389	-1.834	0.61	11	1975	12.00	4.40E-03	Upper
255-01	1.766	-1.322	0.80	6	1976	3.61	1.55E-02	Middle
255-01	1.458	-1.813	0.61	9	1976	7.63	1.32E-02	Upper
255-02	1.467	-0.473	0.71	25	1975	29.44	1.22E-07	Lower
255-02	1.675	-1.274	0.94	22	1975	5.59	9.67E-14	Middle
255-02	1.498	-1.522	0.83	34	1975	20.15	9.04E-14	Upper
256-02	1.716	-0.264	0.76	28	1985	22.35	1.77E-09	Lower
256-02	1.978	-0.866	1.00	29	1985	0.19	1.74E-38	Middle
256-02	1.813	-1.044	0.99	31	1985	1.19	3.38E-29	Upper
256-07	1.726	-1.290	0.72	73	1977	83.45	3.44E-21	Middle
256-07	1.757	-1.496	0.80	79	1977	60.59	7.96E-29	Upper
256-12	1.944	-1.382	0.73	60	1983	81.64	2.70E-18	Middle
256-12	1.780	-1.493	0.73	63	1983	74.36	5.17E-19	Upper
256-32	1.894	-0.955	1.00	11	1982	0.05	5.66E-14	Middle
256-32	1.663	-1.198	0.96	12	1982	1.19	1.38E-08	Upper
257-02	1.675	-0.193	0.70	28	1986	28.82	3.58E-08	Lower
257-02	2.059	-0.774	1.00	26	1980	0.35	1.61E-30	Middle
257-02	1.925	-0.914	0.99	37	1986	1.74	3.88E-36	Upper
257-03	1.008	0.144	0.97	18	1986	0.56	4.56E-14	Lower
257-03	1.741	-1.121	1.00	21	1964	0.01	1.90E-39	Middle
257-03	1.716	-1.105	0.97	22	1986	3.05	4.13E-16	Upper
258-01	1.249	-1.820	0.60	32	1981	24.90	2.30E-07	Upper
258-31	1.115	-2.112	0.59	23	1995	18.53	1.84E-05	Upper
260-09	1.086	-2.009	0.54	55	1982	42.52	2.03E-10	Upper
263-07	1.310	-0.827	0.61	106	1968	153.98	3.25E-23	Lower
263-07	1.663	-1.616	0.87	108	1968	58.96	5.45E-49	Middle
263-07	1.413	-1.814	0.87	112	1968	44.95	1.50E-50	Upper
264-01	1.264	-1.884	0.65	41	1960	27.77	1.86E-10	Lower
264-01	1.335	-1.878	0.75	40	1960	21.48	6.08E-13	Middle
264-01	1.169	-2.037	0.76	46	1960	19.19	3.20E-15	Upper
264-02	1.581	-1.113	0.96	23	1960	4.48	5.06E-16	Lower
264-02	1.527	-1.352	0.98	22	1960	1.89	1.69E-18	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
264-02	1.246	-1.655	0.98	29	1960	1.86	1.20E-23	Upper
264-03	0.933	0.449	0.98	37	1986	0.81	2.74E-30	Lower
264-03	1.098	0.017	0.82	38	1986	10.37	7.86E-15	Middle
264-03	1.587	-1.249	0.94	43	1986	7.42	2.40E-26	Upper
264-04	1.458	-0.081	0.66	39	1981	36.27	3.36E-10	Lower
264-04	1.970	-0.874	1.00	38	1981	0.04	3.08E-64	Middle
264-04	1.770	-1.092	0.99	44	1981	2.14	3.70E-40	Upper
266-01	1.601	0.072	0.54	66	1978	94.64	2.64E-12	Lower
266-01	1.725	-1.398	0.68	67	1978	59.16	5.86E-18	Middle
266-01	1.575	-1.542	0.74	73	1978	46.07	1.15E-22	Upper
269-09	1.419	-1.739	0.71	100	1957	85.15	1.94E-28	Middle
269-09	1.289	-1.838	0.71	104	1957	77.53	6.97E-29	Upper
269-10	1.280	-1.947	0.62	79	1963	74.20	6.60E-18	Middle
269-10	1.144	-2.069	0.63	82	1963	61.09	3.68E-19	Upper
270-04	1.142	-0.513	0.60	42	1958	53.63	1.55E-09	Lower
270-04	1.721	-1.424	0.89	41	1958	21.76	1.78E-20	Middle
270-04	1.682	-1.623	0.90	48	1958	22.20	1.42E-24	Upper
271-02	1.431	-1.784	0.63	57	1966	63.79	1.81E-13	Middle
271-02	1.381	-1.838	0.66	63	1966	62.83	6.37E-16	Upper
271-03	1.274	-0.970	0.53	102	1965	179.36	5.58E-18	Lower
271-03	1.702	-1.570	0.85	104	1965	64.03	4.38E-44	Middle
271-03	1.505	-1.747	0.84	107	1965	58.09	3.60E-43	Upper
273-03	1.755	-1.428	0.78	73	1981	53.28	5.07E-25	Middle
273-03	1.565	-1.597	0.78	82	1981	51.10	3.34E-28	Upper
274-03	1.298	-1.948	0.65	104	1952	95.90	4.91E-25	Middle
274-03	1.123	-2.098	0.63	105	1952	77.12	2.86E-24	Upper
275-01	1.487	0.074	0.74	68	1991	53.65	3.18E-21	Lower
275-01	2.052	-0.744	0.98	66	1991	5.11	4.03E-58	Middle
275-01	1.649	-1.173	0.96	74	1991	7.88	2.66E-53	Upper
275-03	0.802	0.458	0.86	82	1991	10.99	1.65E-36	Lower
275-03	1.680	-1.011	0.92	83	1991	27.64	5.30E-46	Middle
275-03	1.387	-1.304	0.86	93	1962	36.32	4.48E-41	Upper
276-02	1.731	-0.768	0.53	23	1980	13.09	8.83E-05	Lower
276-02	1.876	-0.976	1.00	25	1980	0.00	3.45E-48	Middle
276-02	1.510	-1.370	0.98	26	1980	0.73	3.50E-21	Upper
276-03	1.593	-1.529	0.78	59	1957	60.66	1.67E-20	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
276-03	1.533	-1.720	0.84	58	1993	39.12	4.81E-24	Middle
276-03	1.311	-1.889	0.80	69	1957	42.37	5.57E-25	Upper
276-04	1.271	-0.516	0.87	51	1967	18.67	1.68E-23	Lower
276-04	1.470	-1.410	0.99	50	1967	2.14	1.72E-47	Middle
276-04	1.246	-1.651	0.99	57	1967	1.45	9.87E-56	Upper
276-05	1.370	-1.846	0.62	75	1970	79.24	6.71E-17	Middle
276-05	1.284	-1.928	0.66	81	1978	70.85	6.04E-20	Upper
278-04	1.532	-1.012	0.95	14	1960	3.37	6.30E-09	Lower
278-04	1.559	-1.315	0.99	14	1960	0.30	5.64E-15	Middle
278-04	1.297	-1.604	0.98	20	1960	1.07	5.91E-17	Upper
278-05	0.913	0.896	0.98	29	1960	0.42	1.54E-23	Lower
278-05	1.500	0.328	0.65	29	1960	25.80	1.23E-07	Middle
278-05	2.235	-0.538	0.94	33	1960	7.25	5.15E-21	Upper
278-06	1.546	-1.724	0.75	73	1966	69.81	3.06E-23	Middle
278-06	1.352	-1.902	0.74	80	1966	63.04	1.26E-24	Upper
278-07	1.423	-0.892	0.92	39	1959	12.07	1.50E-21	Lower
278-07	1.471	-1.414	0.98	42	1959	3.60	2.59E-34	Middle
278-07	1.235	-1.666	0.97	45	1959	3.15	3.51E-35	Upper
279-01	2.102	-0.738	0.99	7	1973	0.29	3.48E-06	Lower
279-01	1.890	-0.962	1.00	9	1973	0.14	1.96E-09	Middle
279-01	1.692	-1.156	0.99	11	1973	0.21	7.41E-11	Upper
279-03	0.997	0.069	0.99	5	1952	0.12	6.49E-04	Lower
279-03	1.455	-0.758	0.89	6	1952	2.72	4.91E-03	Middle
279-03	1.469	-1.380	0.90	16	1970	4.25	2.41E-08	Upper
279-04	1.715	-1.562	0.73	11	1986	8.77	7.70E-04	Upper
281-02	1.022	0.149	0.98	29	1972	0.55	3.79E-26	Lower
281-02	1.609	-0.921	0.95	28	1972	3.69	5.06E-19	Middle
281-02	1.506	-1.369	0.94	35	1972	5.56	6.03E-22	Upper
281-03	1.294	-1.905	0.69	149	1950	93.85	9.38E-39	Lower
281-03	1.214	-1.999	0.73	149	1950	70.01	2.56E-43	Middle
281-03	1.085	-2.099	0.72	157	1950	64.06	3.36E-45	Upper
281-04	1.611	-1.103	0.96	61	1965	11.19	1.59E-42	Lower
281-04	1.577	-1.297	0.99	63	1965	1.32	7.51E-72	Middle
281-04	1.264	-1.634	0.98	67	1965	3.07	1.59E-59	Upper
282-30	1.356	-1.614	0.67	12	1947	11.41	1.16E-03	Lower
282-30	1.575	-1.741	0.85	15	1947	8.66	1.05E-06	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
282-30	1.350	-1.886	0.83	16	1947	7.79	9.71E-07	Upper
283-30	0.875	0.673	0.94	5	1987	0.25	6.12E-03	Lower
283-30	0.696	0.391	0.86	5	1987	0.47	2.44E-02	Middle
283-30	1.039	-0.301	0.58	8	1987	6.53	2.78E-02	Upper
284-02	1.316	-1.734	0.61	19	1981	10.40	7.24E-05	Upper
284-30	1.949	-0.825	0.91	35	1982	5.17	8.55E-19	Lower
284-30	1.698	-1.169	0.99	34	1982	0.41	3.61E-33	Middle
284-30	1.604	-1.263	0.97	39	1982	1.90	9.54E-30	Upper
286-01	2.561	-0.236	1.00	30	1962	0.05	1.92E-42	Middle
286-01	2.119	-0.707	0.99	33	1962	0.68	7.80E-31	Upper
287-05	0.957	0.036	0.99	57	1966	0.66	2.27E-58	Lower
287-05	1.446	-0.900	0.93	54	1958	12.97	5.75E-31	Middle
287-05	1.383	-1.492	0.92	66	1966	14.12	1.66E-37	Upper
288-02	1.031	-0.183	0.91	84	1956	14.14	1.10E-44	Lower
288-02	1.621	-1.249	1.00	82	1956	0.70	5.19E-110	Middle
288-02	1.409	-1.472	0.93	90	1956	20.93	7.51E-53	Upper
289-02	0.928	0.142	0.95	86	1962	7.08	5.36E-55	Lower
289-02	1.662	-1.108	0.97	87	1962	13.48	4.67E-65	Middle
289-02	1.498	-1.327	0.94	94	1962	20.26	1.17E-59	Upper
290-01	1.123	-0.044	0.72	93	1957	66.23	1.15E-26	Lower
290-01	1.744	-1.063	0.96	91	1957	14.49	2.83E-66	Middle
290-01	1.679	-1.110	0.94	102	1957	24.67	2.10E-64	Upper
290-02	1.488	-1.719	0.62	48	1986	38.99	3.46E-11	Middle
290-02	1.379	-1.809	0.63	49	1986	34.42	1.14E-11	Upper
291-02	1.943	-1.540	0.65	82	1994	109.03	4.48E-20	Middle
291-02	1.696	-1.720	0.62	95	1994	108.39	2.49E-21	Upper
294-04	1.258	-0.894	0.59	107	1962	160.11	4.74E-22	Lower
294-04	1.582	-1.599	0.86	99	1961	50.39	6.51E-44	Middle
294-04	1.445	-1.727	0.85	116	1962	57.54	1.52E-49	Upper
294-05	0.990	0.078	0.99	75	1965	0.71	1.77E-82	Lower
294-05	1.353	-0.610	0.88	74	1965	27.94	1.78E-35	Middle
294-05	1.606	-1.263	0.98	79	1965	6.68	1.14E-66	Upper
295-01	1.779	-0.751	0.85	9	1986	4.55	4.00E-04	Lower
295-01	1.938	-0.903	1.00	13	1986	0.19	4.78E-15	Middle
295-01	1.704	-1.173	0.98	14	1986	1.26	4.61E-11	Upper
295-02	1.127	-2.099	0.58	70	1949	57.89	1.90E-14	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
295-02	1.106	-2.110	0.62	73	1951	54.31	1.92E-16	Upper
296-02	0.977	-0.046	0.96	67	1957	4.44	4.10E-46	Lower
296-02	1.612	-1.258	1.00	65	1957	0.34	1.59E-92	Middle
296-02	1.403	-1.476	0.94	73	1957	12.80	2.96E-46	Upper
296-03	1.157	-0.413	0.86	56	1954	21.97	1.43E-24	Lower
296-03	1.569	-1.297	0.98	57	1954	4.38	2.78E-50	Middle
296-03	1.381	-1.490	0.94	65	1954	12.63	5.57E-41	Upper
297-02	1.423	-0.318	0.87	18	1983	6.90	1.35E-08	Lower
297-02	1.783	-1.067	0.99	16	1983	0.51	2.82E-16	Middle
297-02	1.507	-1.346	0.94	24	1983	4.31	7.93E-15	Upper
297-03	1.599	-1.121	0.97	60	1958	7.65	2.30E-47	Lower
297-03	1.611	-1.262	1.00	62	1958	0.09	8.96E-107	Middle
297-03	1.360	-1.530	0.95	66	1958	10.96	5.23E-44	Upper
298-02	1.702	-1.552	0.71	126	1978	151.96	1.48E-35	Middle
298-02	1.647	-1.598	0.70	130	1978	152.60	1.08E-35	Upper
299-02	1.344	-0.842	0.66	116	1988	164.80	3.29E-28	Lower
299-02	1.664	-1.460	0.88	114	1988	68.04	1.03E-52	Middle
299-02	1.473	-1.657	0.85	125	1988	73.43	9.00E-52	Upper
300-01	1.114	-0.174	0.86	53	1962	17.96	1.02E-23	Lower
300-01	1.622	-1.243	0.98	53	1962	3.99	3.34E-47	Middle
300-01	1.515	-1.358	0.96	59	1962	10.65	2.32E-40	Upper
300-02	1.355	-1.703	0.62	49	1965	46.40	2.05E-11	Lower
300-02	1.360	-1.856	0.71	49	1965	28.76	3.34E-14	Middle
300-02	1.469	-1.784	0.78	55	1965	32.95	2.71E-19	Upper
300-30	1.438	-0.303	0.83	16	1977	9.67	9.21E-07	Lower
300-30	1.852	-1.001	1.00	18	1977	0.07	1.89E-26	Middle
300-30	1.677	-1.191	0.97	21	1977	2.60	5.14E-16	Upper
302-02	2.164	-0.322	0.82	22	1992	14.72	8.75E-09	Lower
302-02	2.150	-0.678	1.00	21	1992	0.11	1.95E-28	Middle
302-02	2.233	-0.574	0.99	28	1992	1.71	1.46E-25	Upper
303-01	1.992	-0.850	1.00	35	1986	0.00	4.24E-122	Lower
303-01	1.991	-0.851	1.00	33	1986	0.00	3.94E-148	Middle
303-01	1.913	-0.936	1.00	38	1986	0.22	1.29E-47	Upper
303-03	1.474	-1.705	0.80	43	1940	28.92	8.65E-16	Lower
303-03	1.480	-1.793	0.82	44	1940	24.40	1.80E-17	Middle
303-03	1.455	-1.800	0.84	47	1940	24.45	1.59E-19	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
304-01	1.397	-1.766	0.52	95	1985	83.48	1.86E-16	Middle
304-01	1.345	-1.818	0.53	101	1985	82.19	5.03E-18	Upper
304-02	1.872	-0.903	0.90	28	1984	3.88	1.26E-14	Lower
304-02	1.825	-1.031	1.00	27	1984	0.00	1.03E-60	Middle
304-02	1.855	-0.996	1.00	33	1984	0.40	3.88E-38	Upper
305-01	1.748	-1.467	0.79	64	1983	48.09	1.99E-22	Middle
305-01	1.661	-1.580	0.81	76	1978	50.84	1.46E-28	Upper
305-02	1.517	-0.423	0.83	65	1979	40.52	3.77E-26	Lower
305-02	1.875	-0.974	1.00	64	1979	0.39	2.84E-91	Middle
305-02	1.683	-1.171	0.96	73	1979	10.44	4.27E-53	Upper
305-30	1.428	-0.658	0.87	10	1970	4.82	7.51E-05	Lower
305-30	1.611	-1.264	1.00	9	1970	0.08	1.68E-10	Middle
305-30	1.475	-1.409	0.94	16	1970	3.36	5.63E-10	Upper
306-02	1.910	-0.211	0.53	19	1988	21.66	4.31E-04	Lower
306-02	2.260	-0.561	1.00	19	1988	0.00	1.25E-49	Middle
306-02	1.859	-0.986	0.98	23	1988	0.98	5.37E-20	Upper
309-03	1.107	-0.208	0.90	49	1958	9.98	1.97E-25	Lower
309-03	1.638	-1.231	1.00	50	1958	0.16	1.86E-76	Middle
309-03	1.402	-1.479	0.93	55	1958	12.40	4.15E-32	Upper
311-01	1.268	0.108	0.56	88	1956	101.47	4.77E-17	Lower
311-01	1.412	-1.596	0.69	88	1956	68.80	1.28E-23	Middle
311-01	1.168	-2.004	0.68	95	1956	64.62	1.70E-24	Upper
311-02	0.985	0.097	0.98	112	1965	2.92	2.25E-95	Lower
311-02	1.242	-0.587	0.87	113	1965	34.09	1.61E-51	Middle
311-02	1.403	-1.473	0.93	118	1965	23.23	2.18E-68	Upper
313-30	1.225	-0.460	0.88	65	1957	22.88	1.82E-30	Lower
313-30	1.599	-1.272	1.00	59	1957	1.05	5.98E-70	Middle
313-30	1.389	-1.491	0.94	71	1957	14.47	7.60E-44	Upper
314-01	1.134	-0.274	0.89	76	1958	18.81	4.89E-37	Lower
314-01	1.634	-1.229	1.00	76	1958	1.43	5.15E-88	Middle
314-01	1.438	-1.430	0.94	87	1958	15.85	1.28E-54	Upper
316-01	0.967	0.044	0.99	16	1960	0.19	5.05E-16	Lower
316-01	1.284	-0.613	0.89	21	1960	6.08	1.16E-10	Middle
316-01	1.457	-1.416	0.94	22	1960	4.60	2.41E-13	Upper
316-04	1.143	0.288	0.60	70	1957	56.36	4.22E-15	Lower
316-04	1.419	-1.658	0.65	68	1957	65.97	1.43E-16	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
316-04	1.242	-1.961	0.64	75	1957	63.60	7.19E-18	Upper
316-05	0.982	0.060	0.99	46	1959	0.59	3.80E-46	Lower
316-05	0.970	-0.106	0.94	46	1959	3.79	4.20E-29	Middle
316-05	1.472	-1.398	0.94	52	1959	10.00	5.91E-32	Upper
316-06	1.521	-1.771	0.75	101	1959	97.39	1.86E-31	Middle
316-06	1.474	-1.788	0.74	104	1959	98.22	1.01E-31	Upper
317-02	1.277	-1.922	0.57	70	1978	47.94	4.43E-14	Middle
317-02	1.264	-1.904	0.64	77	1978	45.49	2.14E-18	Upper
317-03	1.488	-1.216	0.57	45	1957	67.47	2.52E-09	Lower
317-03	1.548	-1.639	0.74	46	1957	33.91	2.11E-14	Middle
317-03	1.392	-1.747	0.76	51	1957	32.10	1.39E-16	Upper
317-04	1.123	-0.320	0.89	55	1954	12.20	1.44E-27	Lower
317-04	1.605	-1.267	1.00	54	1954	0.21	1.00E-79	Middle
317-04	1.378	-1.511	0.93	61	1954	13.09	2.13E-35	Upper
317-05	1.492	-1.025	0.95	32	1956	6.61	8.81E-21	Lower
317-05	1.547	-1.328	1.00	31	1956	0.51	6.04E-36	Middle
317-05	1.307	-1.587	0.96	38	1956	3.96	1.79E-27	Upper
317-06	0.564	0.853	0.58	95	1959	25.69	4.68E-19	Lower
317-06	1.228	-0.162	0.64	94	1959	90.19	4.52E-22	Middle
317-06	1.523	-1.581	0.76	101	1959	89.16	4.22E-32	Upper
318-01	1.289	-1.066	0.60	77	1959	115.38	1.27E-16	Lower
318-01	1.678	-1.595	0.88	80	1959	42.67	1.48E-37	Middle
318-01	1.523	-1.723	0.84	83	1959	48.20	1.78E-34	Upper
318-02	0.935	0.024	0.99	68	1959	0.80	8.75E-70	Lower
318-02	1.445	-0.962	0.93	65	1959	16.31	5.23E-38	Middle
318-02	1.406	-1.472	0.94	74	1959	14.55	2.65E-45	Upper
318-03	0.988	0.065	0.98	23	1959	0.64	2.59E-19	Lower
318-03	0.928	0.003	0.99	22	1959	0.35	7.12E-20	Middle
318-03	1.416	-1.171	0.91	29	1959	7.59	1.19E-15	Upper
318-04	0.954	0.033	0.99	88	1957	1.44	8.40E-83	Lower
318-04	1.094	-0.422	0.87	89	1960	21.94	1.95E-40	Middle
318-04	1.440	-1.427	0.93	97	1957	18.50	5.07E-58	Upper
319-01	1.041	0.265	0.89	61	1980	10.81	2.64E-30	Lower
319-01	1.910	-0.934	1.00	63	1980	0.45	1.48E-88	Middle
319-01	1.830	-1.016	0.98	66	1980	5.42	1.11E-57	Upper
319-04	1.647	-1.517	0.90	6	1959	2.64	4.09E-03	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
319-04	1.552	-1.766	0.84	12	1959	7.34	3.01E-05	Upper
319-05	1.394	-1.083	0.54	58	1977	97.18	4.97E-11	Lower
319-05	1.695	-1.554	0.80	57	1977	39.56	6.54E-21	Middle
319-05	1.512	-1.715	0.80	64	1977	38.13	2.88E-23	Upper
320-01	1.296	-0.883	0.50	65	1975	117.80	3.71E-11	Lower
320-01	1.838	-1.435	0.85	66	1975	43.56	1.66E-28	Middle
320-01	1.731	-1.547	0.83	70	1975	46.61	3.33E-28	Upper
320-02	1.148	-0.381	0.86	63	1957	24.91	1.42E-27	Lower
320-02	1.631	-1.238	1.00	61	1957	0.95	2.86E-75	Middle
320-02	1.467	-1.410	0.95	69	1957	13.25	3.92E-46	Upper
321-01	1.557	-0.060	0.76	77	1990	65.86	8.46E-25	Lower
321-01	2.106	-0.697	0.99	75	1990	4.88	3.55E-70	Middle
321-01	1.931	-0.894	0.97	83	1990	9.69	6.81E-65	Upper
321-02	1.732	-0.740	0.66	12	1982	7.61	1.26E-03	Lower
321-02	1.907	-0.940	1.00	12	1982	0.11	1.08E-13	Middle
321-02	1.773	-1.079	0.97	18	1982	2.19	1.73E-13	Upper
321-03	1.485	-0.477	0.82	9	1982	6.36	8.51E-04	Lower
321-03	1.903	-0.941	1.00	12	1982	0.15	2.73E-14	Middle
321-03	1.743	-1.105	0.99	15	1982	0.92	2.95E-13	Upper
323-01	2.054	-0.578	0.85	31	1990	13.13	1.72E-13	Lower
323-01	2.049	-0.783	0.99	32	1990	0.66	1.43E-34	Middle
323-01	1.922	-0.921	0.98	37	1990	2.13	5.69E-32	Upper
324-02	1.247	-1.877	0.57	38	1989	27.31	4.41E-08	Upper
325-01	1.368	-0.158	0.73	93	1981	83.30	2.12E-27	Lower
325-01	1.911	-0.933	1.00	92	1979	2.10	6.19E-106	Middle
325-01	1.716	-1.127	0.96	101	1981	17.11	5.30E-70	Upper
326-02	1.044	0.538	0.99	38	1985	0.29	5.89E-39	Lower
326-02	1.997	-0.561	0.90	40	1985	15.36	2.21E-20	Middle
326-02	2.029	-0.810	0.99	42	1985	1.48	6.92E-42	Upper
328-02	0.975	0.739	0.90	69	1985	6.39	1.28E-34	Lower
328-02	2.034	-0.312	0.86	68	1985	37.16	4.33E-30	Middle
328-02	1.891	-0.914	0.95	74	1985	11.10	1.40E-49	Upper
328-30	1.331	-0.730	0.89	30	1960	11.87	1.03E-14	Lower
328-30	1.526	-1.355	0.99	34	1960	0.70	5.36E-38	Middle
328-30	1.263	-1.639	0.98	35	1960	1.64	9.75E-31	Upper
331-01	0.683	0.969	0.67	53	1968	13.50	9.66E-14	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
331-01	1.377	0.097	0.71	51	1968	41.62	8.52E-15	Middle
331-01	1.760	-1.311	0.79	63	1968	57.72	3.32E-22	Upper
332-01	1.043	-0.411	0.54	88	1954	120.63	2.89E-16	Lower
332-01	1.621	-1.525	0.82	85	1954	71.84	9.31E-33	Middle
332-01	1.587	-1.712	0.85	94	1954	60.93	6.93E-40	Upper
332-02	0.960	0.050	0.99	66	1959	0.92	7.94E-67	Lower
332-02	1.466	-0.938	0.93	64	1959	15.87	4.70E-38	Middle
332-02	1.506	-1.365	0.95	72	1959	14.33	1.83E-46	Upper
333-01	1.839	-0.895	0.96	29	1983	5.08	1.22E-20	Lower
333-01	1.850	-1.003	1.00	27	1983	0.01	1.57E-52	Middle
333-01	1.774	-1.086	0.99	34	1983	2.18	6.95E-31	Upper
333-02	0.930	0.309	0.99	36	1979	0.37	1.26E-36	Lower
333-02	1.514	-0.539	0.88	36	1979	15.66	3.51E-17	Middle
333-02	1.596	-1.262	0.94	42	1979	9.04	6.79E-26	Upper
333-03	1.656	-1.580	0.65	92	1987	123.54	2.21E-22	Middle
333-03	1.638	-1.584	0.68	99	1979	122.36	1.53E-25	Upper
335-02	1.351	-0.541	0.87	55	1965	26.43	8.63E-25	Lower
335-02	1.674	-1.192	1.00	56	1965	0.65	2.17E-72	Middle
335-02	1.516	-1.359	0.97	61	1965	6.76	1.32E-47	Upper
337-03	1.711	-0.790	0.88	15	1982	6.55	1.96E-07	Lower
337-03	1.838	-1.013	1.00	16	1982	0.13	1.07E-20	Middle
337-03	1.585	-1.283	0.98	20	1982	1.42	1.16E-16	Upper
337-04	1.648	-1.222	1.00	4	1955	0.05	1.09E-03	Lower
337-04	1.571	-1.303	1.00	5	1955	0.04	2.79E-05	Middle
337-04	1.370	-1.522	0.97	8	1955	0.92	1.15E-05	Upper
338-01	1.111	-0.049	0.67	89	1977	68.59	7.35E-23	Lower
338-01	1.821	-1.108	0.92	87	1977	31.26	4.01E-49	Middle
338-01	1.743	-1.350	0.91	96	1977	36.33	5.23E-51	Upper
339-03	0.966	0.045	0.99	57	1960	0.64	1.46E-60	Lower
339-03	1.359	-0.801	0.89	57	1960	22.57	9.13E-28	Middle
339-03	1.402	-1.477	0.94	63	1960	12.11	1.05E-39	Upper
340-01	2.511	-0.045	0.69	30	1984	14.55	1.16E-08	Lower
340-01	2.481	-0.323	1.00	28	1984	0.00		Middle
340-01	2.298	-0.522	1.00	33	1984	0.21	1.15E-38	Upper
340-02	1.536	-0.443	0.80	61	1978	51.41	5.22E-22	Lower
340-02	1.854	-0.968	0.98	60	1978	5.73	7.49E-51	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
340-02	1.648	-1.161	0.94	74	1978	19.48	1.27E-44	Upper
341-01	1.007	0.097	0.99	68	1965	0.85	1.01E-71	Lower
341-01	1.693	-1.095	0.99	69	1968	4.19	1.23E-64	Middle
341-01	1.521	-1.355	0.96	77	1965	12.43	4.98E-53	Upper
341-02	1.003	-0.047	0.84	83	1968	22.99	7.34E-34	Lower
341-02	1.236	-0.657	0.79	83	1962	48.74	6.21E-29	Middle
341-02	1.425	-1.560	0.91	93	1962	26.03	4.89E-49	Upper
344-02	2.847	0.073	1.00	12	1986	0.00	4.14E-158	Middle
344-02	2.021	-0.783	0.93	17	1986	3.35	2.94E-10	Upper
344-03	2.044	-0.788	1.00	26	1977	0.47	1.93E-30	Lower
344-03	2.018	-0.818	0.99	27	1989	0.76	6.85E-29	Middle
344-03	1.898	-0.940	0.97	31	1989	3.79	2.73E-24	Upper
345-03	0.952	0.058	0.99	91	1950	1.52	9.74E-87	Lower
345-03	1.605	-1.169	0.98	94	1956	5.78	1.86E-84	Middle
345-03	1.534	-1.302	0.96	100	1956	13.89	2.90E-70	Upper
345-04	1.360	-0.814	0.65	72	1981	107.18	1.24E-17	Lower
345-04	1.677	-1.489	0.87	68	1981	42.32	2.88E-31	Middle
345-04	1.610	-1.578	0.85	81	1981	54.92	3.93E-34	Upper
345-05	0.927	0.304	0.99	16	1964	0.19	3.88E-15	Lower
345-05	0.911	0.170	0.98	21	1964	0.45	1.34E-17	Middle
345-05	0.919	-0.380	0.71	22	1964	9.37	1.02E-06	Upper
346-01	0.998	-2.182	0.51	10	1964	7.40	1.99E-02	Lower
346-01	1.128	-2.026	0.60	8	1964	5.73	2.33E-02	Middle
346-01	1.056	-2.165	0.59	13	1964	9.34	2.14E-03	Upper
346-02	1.557	-1.642	0.63	155	1981	160.34	5.12E-35	Middle
346-02	1.540	-1.659	0.65	166	1981	170.19	8.47E-39	Upper
347-01	1.928	-0.572	0.77	37	1983	21.09	1.46E-12	Lower
347-01	2.007	-0.829	0.97	34	1983	1.37	3.47E-26	Middle
347-01	1.693	-1.162	0.97	42	1983	2.41	1.37E-32	Upper
348-01	0.990	0.067	0.99	10	1962	0.08	2.05E-10	Lower
348-01	0.947	0.025	0.99	12	1962	0.14	1.03E-10	Middle
348-01	1.409	-0.974	0.92	15	1962	3.78	2.44E-08	Upper
349-01	1.578	-1.664	0.81	36	1965	22.00	8.19E-14	Middle
349-01	1.466	-1.787	0.80	42	1965	23.86	1.10E-15	Upper
349-03	1.455	-1.134	0.78	32	1965	30.07	2.84E-11	Lower
349-03	1.442	-1.614	0.88	30	1965	12.69	1.49E-14	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
349-03	1.318	-1.756	0.87	39	1965	15.77	6.79E-18	Upper
350-01	1.673	-0.959	0.94	28	1973	7.09	9.08E-18	Lower
350-01	1.670	-1.202	0.99	31	1973	1.33	1.02E-30	Middle
350-01	1.454	-1.434	0.96	34	1973	4.47	2.60E-24	Upper
350-02	1.587	-0.454	0.88	69	1981	31.44	1.81E-32	Lower
350-02	1.882	-0.963	1.00	66	1981	0.57	3.66E-89	Middle
350-02	1.787	-1.069	0.98	75	1981	6.81	1.55E-62	Upper
350-03	1.994	-0.849	1.00	29	1981	0.04	6.04E-40	Middle
350-03	2.144	-0.673	0.97	35	1985	2.32	2.74E-27	Upper
351-01	1.726	-0.551	0.89	66	1983	32.09	1.04E-32	Lower
351-01	1.902	-0.942	1.00	67	1983	0.65	1.05E-89	Middle
351-01	1.749	-1.111	0.97	72	1983	9.86	7.94E-54	Upper
354-01	1.731	-1.145	0.79	24	1973	23.26	5.46E-09	Middle
354-01	1.691	-1.473	0.87	27	1973	14.45	1.50E-12	Upper
354-02	1.291	-0.317	0.64	144	1975	172.27	4.51E-33	Lower
354-02	1.902	-1.297	0.92	140	1975	57.59	1.54E-76	Middle
354-02	1.740	-1.443	0.89	152	1975	69.98	4.68E-74	Upper
354-30	1.045	0.252	0.99	38	1975	0.73	4.53E-35	Lower
354-30	1.182	-0.125	0.91	37	1975	6.48	1.45E-19	Middle
354-30	1.735	-1.121	0.98	44	1975	3.92	9.55E-36	Upper
355-02	0.978	0.179	0.98	107	1965	2.97	1.38E-89	Lower
355-02	1.362	-0.630	0.90	109	1965	29.37	5.48E-56	Middle
355-02	1.463	-1.406	0.92	113	1965	26.53	1.13E-63	Upper
355-03	1.209	-0.269	0.84	96	1965	38.29	2.09E-39	Lower
355-03	1.658	-1.312	0.97	92	1965	13.13	5.30E-68	Middle
355-03	1.426	-1.556	0.92	104	1965	25.77	7.34E-58	Upper
357-01	1.443	-1.285	0.53	88	1977	137.65	7.40E-16	Lower
357-01	1.630	-1.625	0.74	87	1977	66.27	8.73E-27	Middle
357-01	1.590	-1.629	0.74	94	1977	73.11	5.43E-29	Upper
357-02	1.324	-1.836	0.59	14	1987	9.21	1.29E-03	Upper
358-02	1.916	-0.760	0.96	51	1985	9.56	2.24E-36	Lower
358-02	1.800	-1.070	0.98	49	1985	4.85	3.78E-40	Middle
358-02	1.698	-1.178	0.96	57	1985	7.90	2.71E-41	Upper
359-01	1.696	-1.170	1.00	26	1967	0.58	1.11E-29	Lower
359-01	1.673	-1.196	0.99	24	1967	0.65	3.07E-26	Middle
359-01	1.495	-1.382	0.95	32	1967	6.36	6.64E-21	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
359-02	1.151	0.357	0.60	37	1966	34.97	1.71E-08	Lower
359-02	1.994	-0.702	0.93	37	1965	13.28	2.19E-21	Middle
359-02	1.778	-0.917	0.90	46	1965	19.09	1.21E-23	Upper
359-05	0.973	-0.014	0.97	103	1959	4.87	6.71E-78	Lower
359-05	1.644	-1.224	1.00	103	1959	0.38	6.52E-156	Middle
359-05	1.477	-1.407	0.95	109	1959	19.07	1.65E-71	Upper
361-01	1.035	0.116	0.99	30	1968	0.35	4.93E-31	Lower
361-01	1.197	-0.306	0.88	28	1968	8.57	2.43E-13	Middle
361-01	1.570	-1.286	0.93	36	1968	8.37	1.29E-21	Upper
362-01	1.320	-0.618	0.91	86	1945	24.31	7.68E-45	Lower
362-01	1.594	-1.278	1.00	87	1945	0.34	2.24E-129	Middle
362-01	1.441	-1.442	0.94	92	1945	19.69	7.94E-56	Upper
364-02	0.993	0.408	0.98	53	1983	1.21	6.13E-45	Lower
364-02	1.594	-0.449	0.90	51	1983	17.36	1.24E-25	Middle
364-02	1.775	-1.079	0.96	59	1983	8.84	3.86E-41	Upper
365-02	1.709	-1.155	1.00	8	1964	0.04	3.12E-10	Middle
365-02	1.692	-1.174	1.00	9	1964	0.02	1.74E-12	Upper
365-03	1.452	-0.734	0.90	78	1964	30.51	5.81E-40	Lower
365-03	1.662	-1.207	1.00	78	1964	0.90	1.18E-100	Middle
365-03	1.489	-1.395	0.96	84	1964	11.33	2.18E-61	Upper
368-02	1.024	-0.248	0.70	104	1958	77.05	3.65E-28	Lower
368-02	1.332	-0.933	0.77	108	1958	92.61	1.54E-35	Middle
368-02	1.496	-1.583	0.91	111	1958	40.19	2.08E-58	Upper
368-03	1.506	-1.644	0.60	54	1971	49.01	4.98E-12	Upper
369-02	1.289	-0.334	0.87	27	1973	10.49	2.08E-12	Lower
369-02	1.619	-1.249	0.98	28	1973	2.63	6.80E-23	Middle
369-02	1.379	-1.500	0.93	33	1973	6.47	7.98E-20	Upper
370-01	0.955	0.192	0.97	79	1982	2.55	1.25E-62	Lower
370-01	0.986	-0.005	0.94	79	1965	6.11	6.60E-50	Middle
370-01	1.589	-1.236	0.93	90	1982	22.09	7.71E-52	Upper
370-02	1.576	-0.951	0.94	55	1965	13.58	6.50E-35	Lower
370-02	1.644	-1.226	1.00	56	1965	1.09	1.87E-65	Middle
370-02	1.331	-1.560	0.96	61	1965	7.62	1.19E-42	Upper
371-01	1.097	-2.083	0.54	66	1952	55.29	1.98E-12	Middle
371-01	1.046	-2.129	0.58	70	1982	50.11	1.64E-14	Upper
371-04	1.322	-0.697	0.90	48	1956	16.05	2.94E-24	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
371-04	1.550	-1.325	0.99	45	1956	1.64	8.11E-46	Middle
371-04	1.263	-1.629	0.95	54	1956	7.29	1.85E-35	Upper
372-03	2.150	-0.679	1.00	40	1988	0.05	2.10E-60	Lower
372-03	2.015	-0.825	1.00	41	1988	0.15	2.44E-55	Middle
372-03	1.703	-1.164	0.98	45	1988	1.78	1.17E-37	Upper
372-05	2.105	-0.726	1.00	15	1992	0.10	6.04E-19	Lower
372-05	2.072	-0.761	1.00	16	1992	0.09	5.27E-21	Middle
372-05	1.936	-0.903	0.98	18	1992	1.29	7.30E-15	Upper
373-01	0.983	0.424	0.98	12	1990	0.24	8.19E-10	Lower
373-01	1.948	-0.866	0.98	11	1990	0.73	1.78E-09	Middle
373-01	1.598	-1.198	0.92	17	1990	3.49	1.12E-09	Upper
374-01	0.968	0.050	0.99	17	1978	0.25	1.01E-16	Lower
374-01	1.670	-1.182	0.99	23	1978	0.62	8.65E-25	Middle
374-01	1.519	-1.313	0.93	30	1979	6.54	4.68E-18	Upper
374-02	1.573	-1.200	0.82	41	1984	7.60	3.68E-16	Lower
374-02	1.506	-1.375	1.00	39	1984	0.00		Middle
374-02	1.533	-1.336	0.96	46	1951	3.27	1.45E-32	Upper
374-03	1.297	-0.415	0.74	174	1976	150.93	1.92E-52	Lower
374-03	1.693	-1.340	0.91	172	1976	71.75	4.59E-91	Middle
374-03	1.403	-1.627	0.88	186	1976	72.89	9.16E-87	Upper
375-02	1.901	-0.951	1.00	10	1987	0.13	1.74E-11	Lower
375-02	1.843	-1.005	0.99	11	1987	0.46	1.97E-10	Middle
375-02	1.606	-1.279	0.98	15	1987	0.91	2.10E-12	Upper
376-01	1.486	-1.172	0.94	50	1959	13.03	1.03E-30	Lower
376-01	1.395	-1.492	0.97	53	1959	5.97	5.15E-40	Middle
376-01	1.287	-1.607	0.95	58	1965	9.81	2.91E-37	Upper
380-04	1.519	-0.764	0.70	52	1978	62.30	1.08E-14	Lower
380-04	1.826	-1.351	0.91	48	1978	19.68	1.24E-25	Middle
380-04	1.602	-1.565	0.87	61	1980	26.94	6.94E-28	Upper
382-02	2.056	-0.781	1.00	16	1991	0.00	5.31E-224	Lower
382-02	2.332	-0.484	1.00	18	1991	0.00	1.34E-39	Middle
382-02	1.820	-1.027	0.97	21	1991	1.73	1.80E-15	Upper
382-05	1.913	-0.939	0.98	17	1988	0.62	4.49E-15	Lower
382-05	1.888	-0.965	1.00	18	1988	0.17	4.89E-21	Middle
382-05	1.577	-1.298	1.00	21	1988	0.14	2.68E-25	Upper
383-01	1.358	-1.634	0.57	88	1986	62.69	1.30E-17	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
383-01	1.336	-1.664	0.63	98	1990	65.51	2.06E-22	Upper
386-01	1.953	-0.582	0.91	41	1990	18.07	6.08E-22	Lower
386-01	2.050	-0.787	1.00	36	1990	0.19	2.88E-51	Middle
386-01	1.836	-0.995	0.96	49	1990	7.52	1.13E-35	Upper
386-02	1.555	-0.520	0.88	32	1979	14.65	1.33E-15	Lower
386-02	1.766	-1.090	0.99	31	1979	0.76	1.97E-34	Middle
386-02	1.545	-1.320	0.95	38	1979	6.40	2.01E-25	Upper
386-03	1.017	0.433	0.98	73	1981	1.04	8.00E-66	Lower
386-03	0.950	0.331	0.99	72	1981	0.56	3.28E-71	Middle
386-03	0.888	-0.050	0.76	79	1981	16.74	1.09E-25	Upper
386-04	0.923	0.301	0.99	8	1981	0.06	7.22E-08	Lower
386-04	1.357	-0.448	0.84	13	1981	5.49	1.16E-05	Middle
386-04	1.593	-1.246	0.92	14	1981	3.50	5.87E-08	Upper
389-01	1.880	-0.886	0.98	41	1978	4.27	3.03E-34	Lower
389-01	1.875	-0.978	1.00	40	1984	0.66	2.23E-48	Middle
389-01	1.656	-1.207	0.96	50	1984	6.98	1.44E-36	Upper
389-02	1.582	-0.675	0.92	24	1976	7.05	2.57E-13	Lower
389-02	1.710	-1.166	0.98	24	1976	1.42	5.92E-21	Middle
389-02	1.485	-1.405	0.94	30	1976	5.14	1.39E-18	Upper
390-02	1.001	0.233	0.99	20	1977	0.43	6.05E-18	Lower
390-02	1.571	-0.724	0.92	20	1977	6.18	4.33E-11	Middle
390-02	1.533	-1.330	0.95	26	1977	4.39	4.60E-17	Upper
391-04	0.958	0.558	0.99	24	1980	0.34	1.06E-22	Lower
391-04	0.985	0.308	0.98	23	1980	0.66	6.10E-19	Middle
391-04	1.737	-1.127	0.97	29	1980	2.98	7.47E-23	Upper
393-05	1.654	-1.643	0.73	37	1969	42.49	1.73E-11	Upper
393-06	1.371	-1.862	0.67	38	1964	36.41	4.16E-10	Middle
393-06	1.357	-1.902	0.67	40	1964	37.80	1.02E-10	Upper
393-07	1.611	-1.420	0.69	44	1986	26.76	2.26E-12	Middle
393-07	1.341	-1.717	0.72	50	1986	21.90	8.42E-15	Upper
394-01	1.489	-0.309	0.88	20	1980	7.26	1.10E-09	Lower
394-01	1.920	-0.925	1.00	16	1980	0.04	3.96E-24	Middle
394-01	1.862	-0.995	0.99	25	1980	1.01	1.90E-24	Upper
396-02	0.991	0.209	0.97	117	1992	4.59	5.52E-87	Lower
396-02	0.951	0.043	0.99	116	1967	1.36	3.76E-113	Middle
396-02	1.418	-1.265	0.85	127	1967	51.24	3.11E-53	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
396-03	1.799	-0.485	0.91	75	1988	26.97	2.00E-39	Lower
396-03	1.898	-0.933	0.98	76	1988	4.89	6.41E-68	Middle
396-03	1.510	-1.358	0.98	81	1988	4.54	9.46E-67	Upper
396-30	2.108	-0.440	0.84	8	1992	3.43	1.47E-03	Lower
396-30	2.194	-0.632	1.00	8	1992	0.01	1.81E-11	Middle
396-30	2.115	-0.708	0.99	13	1992	0.48	9.54E-13	Upper
397-01	1.704	-1.161	1.00	25	1965	0.02	3.00E-42	Lower
397-01	1.669	-1.199	1.00	22	1965	0.00	5.56E-43	Middle
397-01	1.513	-1.368	0.98	30	1965	1.69	1.64E-26	Upper
397-02	1.126	-0.248	0.86	33	1965	11.19	8.80E-15	Lower
397-02	1.639	-1.231	0.99	33	1965	1.35	2.70E-33	Middle
397-02	1.336	-1.554	0.97	39	1965	4.00	1.53E-28	Upper
397-03	1.512	-1.751	0.68	39	1982	30.04	9.08E-11	Middle
397-03	1.566	-1.696	0.70	49	1982	44.10	7.73E-14	Upper
397-04	1.498	-1.856	0.75	62	1960	43.14	1.00E-19	Middle
397-04	1.383	-1.924	0.76	65	1960	38.09	4.41E-21	Upper
397-05	2.121	-0.699	0.99	33	1960	0.95	3.28E-36	Lower
397-05	2.063	-0.757	0.99	36	1992	1.45	9.47E-37	Middle
397-05	1.680	-1.195	0.93	42	1992	9.14	4.54E-25	Upper
398-01	1.763	-1.479	0.74	85	1982	72.28	4.62E-26	Middle
398-01	1.461	-1.750	0.71	89	1982	58.63	3.16E-25	Upper
399-02	1.402	-0.345	0.87	16	1975	6.96	1.10E-07	Lower
399-02	1.729	-1.139	0.99	17	1991	0.87	7.34E-16	Middle
399-02	1.569	-1.320	0.97	21	1975	2.56	1.37E-15	Upper
830-01	1.416	-0.610	0.90	57	1965	17.61	7.19E-29	Lower
830-01	1.637	-1.237	0.99	55	1965	1.93	2.09E-55	Middle
830-01	1.379	-1.511	0.92	63	1965	12.96	7.52E-36	Upper
830-03	1.091	-0.457	0.53	33	1966	48.13	1.79E-06	Lower
830-03	1.749	-1.408	0.85	32	1966	22.64	4.56E-14	Middle
830-03	1.695	-1.579	0.87	38	1966	21.57	1.09E-17	Upper
830-05	0.962	0.210	0.95	38	1985	2.31	1.93E-25	Lower
830-05	1.782	-1.130	0.89	38	1958	18.33	5.47E-19	Middle
830-05	1.670	-1.299	0.86	56	1972	27.65	4.72E-25	Upper
830-09	1.408	-1.862	0.70	41	1954	39.30	9.20E-12	Middle
830-09	1.386	-1.866	0.75	46	1954	38.37	9.89E-15	Upper
830-10	1.484	-1.277	0.71	33	1954	45.75	1.00E-09	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
830-10	1.674	-1.677	0.84	36	1954	29.15	6.66E-15	Upper
830-11	0.994	0.071	0.99	56	1958	0.47	7.28E-61	Lower
830-11	1.237	-0.498	0.90	57	1958	11.84	4.03E-29	Middle
830-11	1.586	-1.294	0.97	62	1958	5.42	4.68E-49	Upper
830-14	1.000	0.201	0.99	15	1970	0.31	2.37E-13	Lower
830-14	0.987	0.066	1.00	13	1970	0.02	1.01E-17	Middle
830-14	1.624	-0.910	0.95	20	1970	3.46	1.88E-13	Upper
830-15	1.526	-1.466	0.78	14	1951	12.44	2.78E-05	Middle
830-15	1.722	-1.488	0.82	19	1951	16.14	9.93E-08	Upper
830-17	1.597	-1.466	0.64	14	1976	17.06	5.56E-04	Middle
830-17	1.696	-1.558	0.78	16	1976	11.64	6.14E-06	Upper
831-03	1.573	-1.168	0.98	38	1951	3.96	3.04E-31	Lower
831-03	1.522	-1.354	0.99	39	1951	1.09	1.19E-41	Middle
831-03	1.274	-1.620	0.96	44	1951	5.72	3.03E-30	Upper
831-04	1.001	0.078	0.98	83	1959	1.80	1.92E-75	Lower
831-04	1.075	-0.219	0.90	85	1959	14.18	8.52E-44	Middle
831-04	1.531	-1.336	0.95	89	1959	14.30	1.89E-59	Upper
831-06	1.264	-0.592	0.88	63	1953	23.42	5.02E-30	Lower
831-06	1.561	-1.312	0.99	66	1953	3.03	9.16E-65	Middle
831-06	1.370	-1.515	0.94	69	1953	14.22	1.48E-42	Upper
831-07	1.668	-1.199	0.99	28	1978	0.40	4.57E-26	Upper
831-08	1.955	-0.890	1.00	16	1982	0.02	7.91E-25	Upper
831-12	0.993	0.158	0.99	25	1975	0.33	3.48E-24	Lower
831-12	0.964	0.044	0.99	23	1975	0.21	3.08E-23	Middle
831-12	1.429	-1.179	0.88	31	1975	10.11	6.97E-15	Upper
831-15	1.150	-0.260	0.88	20	1962	6.17	1.15E-09	Lower
831-15	1.651	-1.216	1.00	23	1962	0.11	1.55E-32	Middle
831-15	1.424	-1.453	0.95	26	1962	4.53	5.38E-17	Upper
831-19	1.002	0.204	0.98	11	1978	0.27	4.43E-09	Lower
831-19	1.235	-0.167	0.87	10	1978	3.01	8.02E-05	Middle
831-19	1.627	-1.235	0.93	16	1978	3.83	1.68E-09	Upper
832-01	2.078	-0.757	1.00	24	1990	0.06	3.68E-32	Lower
832-01	1.452	-1.433	1.00	24	1990	0.00		Middle
832-01	1.665	-1.199	0.97	28	1990	1.42	3.80E-22	Upper
832-02	1.322	-0.948	0.56	90	1967	159.84	2.36E-17	Lower
832-02	1.681	-1.608	0.80	90	1976	83.23	2.67E-32	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-02	1.481	-1.773	0.79	100	1976	75.77	1.66E-34	Upper
832-04	1.313	-0.082	0.63	51	1970	47.44	3.12E-12	Lower
832-04	1.833	-1.007	0.98	49	1970	2.57	1.24E-43	Middle
832-04	1.684	-1.147	0.95	54	1970	7.85	1.70E-35	Upper
832-05	1.606	-0.913	0.65	22	1973	14.58	5.33E-06	Lower
832-05	1.778	-1.055	0.93	24	1973	2.96	3.46E-14	Middle
832-05	1.682	-1.151	0.93	26	1973	3.71	9.49E-16	Upper
832-06	2.234	-0.397	0.75	13	1983	4.85	1.29E-04	Lower
832-06	2.528	-0.271	1.00	14	1983	0.00	2.44E-187	Middle
832-06	1.889	-0.960	1.00	16	1983	0.03	3.23E-22	Upper
832-08	1.496	-0.429	0.86	30	1977	16.23	1.49E-13	Lower
832-08	1.739	-1.119	0.99	31	1977	1.60	9.27E-30	Middle
832-08	1.447	-1.432	0.96	36	1977	4.84	4.37E-25	Upper
832-10	1.765	-0.944	0.90	50	1983	12.59	5.69E-26	Lower
832-10	1.664	-1.203	0.99	50	1983	0.72	2.10E-54	Middle
832-10	1.430	-1.454	0.99	55	1983	1.41	1.50E-51	Upper
832-12	1.315	-1.825	0.57	74	1980	74.43	8.35E-15	Middle
832-12	1.102	-2.009	0.57	79	1993	55.91	7.87E-16	Upper
832-14	1.665	-1.518	0.80	9	1957	6.25	1.20E-03	Middle
832-14	1.372	-1.795	0.86	10	1957	3.65	1.08E-04	Upper
832-15	1.658	-0.746	0.92	13	1980	4.35	2.69E-07	Lower
832-15	1.677	-1.193	0.99	13	1980	0.63	7.02E-12	Middle
832-15	1.449	-1.440	0.97	19	1980	1.68	5.05E-14	Upper
832-17	1.050	0.200	0.99	13	1968	0.18	1.37E-12	Lower
832-17	1.596	-0.590	0.85	15	1968	8.54	8.30E-07	Middle
832-17	1.667	-1.172	0.96	17	1968	2.47	3.78E-12	Upper
832-18	1.683	-0.633	0.81	38	1986	23.30	2.25E-14	Lower
832-18	1.857	-0.995	1.00	39	1986	0.25	2.47E-51	Middle
832-18	1.655	-1.207	0.98	43	1986	2.07	3.31E-38	Upper
832-19	1.566	-0.844	0.63	23	1986	18.66	6.91E-06	Lower
832-19	2.150	-0.680	1.00	20	1986	0.00	6.55E-284	Middle
832-19	1.525	-1.340	0.94	28	1986	4.08	4.08E-17	Upper
832-20	1.683	-0.781	0.91	44	1983	16.72	1.81E-23	Lower
832-20	1.701	-1.160	0.99	45	1983	1.33	2.97E-47	Middle
832-20	1.467	-1.412	0.99	50	1983	1.70	3.52E-48	Upper
832-22	1.762	-1.106	0.97	12	1979	1.52	2.91E-09	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-22	1.657	-1.214	0.97	15	1979	2.18	6.84E-11	Middle
832-22	1.593	-1.299	0.95	22	1978	4.05	3.28E-14	Upper
832-24	1.686	-1.180	1.00	6	1964	0.05	1.29E-06	Lower
832-24	1.582	-1.303	0.96	6	1964	1.00	6.57E-04	Middle
832-24	1.441	-1.452	0.95	12	1964	2.11	9.64E-08	Upper
832-25	0.986	0.165	0.98	14	1978	0.45	3.99E-11	Lower
832-25	1.606	-0.853	0.94	18	1978	3.78	5.88E-11	Middle
832-25	1.551	-1.299	0.95	20	1978	3.18	4.02E-13	Upper
832-26	0.999	0.080	0.99	11	1959	0.17	4.11E-10	Lower
832-26	0.932	0.006	0.99	14	1959	0.14	5.01E-14	Middle
832-26	1.445	-1.442	0.94	16	1959	3.02	8.61E-10	Upper
832-27	1.290	-1.427	0.53	13	1964	21.64	4.63E-03	Middle
832-27	1.604	-1.734	0.75	16	1964	16.56	1.30E-05	Upper
832-30	0.940	0.517	0.98	7	1988	0.14	2.91E-05	Lower
832-30	0.952	0.520	0.99	8	1988	0.05	1.66E-07	Middle
832-30	1.617	-0.378	0.85	13	1988	5.04	8.10E-06	Upper
832-31	1.366	-0.858	0.86	10	1957	5.36	1.09E-04	Lower
832-31	1.538	-1.340	1.00	6	1957	0.00	3.10E-64	Middle
832-31	1.472	-1.408	0.97	16	1957	1.95	4.69E-12	Upper
832-33	1.538	-1.755	0.67	16	1986	17.06	1.07E-04	Upper
832-35	1.724	-0.750	0.89	10	1986	4.61	4.90E-05	Lower
832-35	1.635	-1.234	0.98	10	1986	0.81	7.27E-08	Middle
832-35	1.456	-1.409	0.98	16	1986	0.82	2.26E-13	Upper
833-06	1.571	-1.198	0.56	27	1980	50.48	7.32E-06	Middle
833-06	1.669	-1.541	0.71	30	1980	33.56	6.03E-09	Upper
833-08	1.913	-0.850	0.93	31	1987	5.20	4.35E-18	Lower
833-08	1.899	-0.950	1.00	33	1987	0.04	2.25E-53	Middle
833-08	1.774	-1.079	0.97	36	1987	2.77	3.61E-28	Upper
833-11	0.483	1.356	0.65	31	1994	2.55	5.09E-08	Lower
834-06	1.026	0.103	0.99	30	1972	0.29	2.13E-31	Lower
834-06	0.957	0.034	1.00	30	1972	0.05	4.00E-41	Middle
834-06	1.528	-1.113	0.92	36	1972	8.76	3.05E-20	Upper
834-08	1.453	-1.812	0.73	117	1960	107.00	6.58E-35	Middle
834-08	1.258	-1.981	0.72	123	1960	90.14	1.79E-35	Upper
834-11	1.015	0.093	0.99	10	1969	0.14	2.17E-09	Lower
834-11	1.306	-0.587	0.88	12	1969	4.19	7.24E-06	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
834-11	1.410	-1.466	0.94	16	1969	2.33	3.58E-10	Upper
834-12	2.118	-0.651	0.93	35	1992	3.99	8.77E-21	Lower
834-12	2.156	-0.673	1.00	34	1992	0.04	5.46E-51	Middle
834-12	1.848	-1.002	0.98	40	1992	1.72	1.32E-33	Upper
834-13	1.905	-1.433	0.88	26	1973	15.79	1.37E-12	Middle
834-13	1.688	-1.579	0.87	28	1973	15.45	6.64E-13	Upper
834-14	1.436	-0.850	0.92	27	1955	8.73	4.19E-15	Lower
834-14	1.516	-1.361	0.99	26	1955	1.51	1.44E-23	Middle
834-14	1.278	-1.611	0.94	33	1955	5.36	6.02E-21	Upper
834-15	1.748	-0.946	0.89	14	1982	3.67	3.19E-07	Lower
834-15	1.862	-0.988	1.00	16	1982	0.16	1.01E-19	Middle
834-15	1.526	-1.350	0.97	19	1982	1.66	2.09E-14	Upper
834-17	1.990	-0.625	0.95	39	1987	9.63	6.66E-26	Lower
834-17	1.984	-0.855	1.00	39	1987	0.43	2.47E-50	Middle
834-17	1.686	-1.172	0.97	44	1987	5.24	1.37E-32	Upper
834-19	1.638	-0.831	0.93	11	1980	3.22	1.56E-06	Lower
834-19	1.683	-1.183	1.00	9	1980	0.17	1.69E-09	Middle
834-19	1.456	-1.413	0.94	16	1980	2.76	3.70E-10	Upper
835-01	1.085	-0.098	0.91	66	1965	11.53	4.58E-35	Lower
835-01	1.689	-1.174	1.00	69	1965	0.72	3.89E-89	Middle
835-01	1.433	-1.443	0.93	72	1965	17.02	1.81E-41	Upper
835-02	1.420	-0.856	0.56	61	1966	111.30	3.39E-12	Lower
835-02	1.703	-1.548	0.82	58	1966	40.56	1.54E-22	Middle
835-02	1.618	-1.623	0.83	67	1966	42.76	1.20E-26	Upper
835-03	0.990	0.069	1.00	41	1947	0.14	2.01E-52	Lower
835-03	1.388	-0.835	0.93	40	1947	8.09	2.40E-23	Middle
835-03	1.495	-1.381	0.94	46	1947	8.80	5.01E-29	Upper
835-04	0.999	0.077	0.99	25	1960	0.37	2.40E-24	Lower
835-04	1.269	-0.486	0.89	26	1960	7.08	4.18E-13	Middle
835-04	1.523	-1.353	0.95	31	1960	5.22	2.34E-20	Upper
835-05	1.321	-0.184	0.85	40	1979	15.69	1.62E-17	Lower
835-05	1.857	-0.990	1.00	37	1979	0.28	1.68E-50	Middle
835-05	1.739	-1.118	0.97	46	1979	6.07	3.16E-34	Upper
835-06	1.500	-1.640	0.79	97	1953	63.28	3.82E-34	Middle
835-06	1.475	-1.653	0.76	107	1953	82.04	3.12E-34	Upper
835-08	0.981	0.416	0.96	42	1984	2.29	3.18E-29	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-08	1.739	-0.625	0.91	40	1984	14.41	6.22E-22	Middle
835-08	1.820	-0.990	0.97	49	1962	6.10	6.63E-38	Upper
835-09	0.955	0.031	0.99	75	1955	0.91	1.25E-77	Lower
835-09	1.513	-1.018	0.95	74	1955	13.44	2.23E-49	Middle
835-09	1.451	-1.429	0.94	81	1955	17.61	2.40E-49	Upper
835-10	0.979	0.057	0.99	54	1955	0.52	2.69E-60	Lower
835-10	1.644	-1.225	1.00	53	1955	0.21	1.79E-80	Middle
835-10	1.501	-1.378	0.97	60	1956	6.63	3.67E-47	Upper
835-11	1.311	-2.035	0.50	19	1993	23.14	6.95E-04	Upper
835-12	1.629	-1.586	0.76	56	1965	59.80	1.91E-18	Middle
835-12	1.631	-1.664	0.77	63	1965	62.99	3.88E-21	Upper
835-14	1.069	0.160	0.98	27	1977	0.69	2.40E-23	Lower
835-14	1.348	-0.290	0.88	27	1977	7.82	3.10E-13	Middle
835-14	1.765	-1.079	0.97	33	1977	3.69	3.14E-25	Upper
835-15	1.170	-2.062	0.60	112	1951	95.00	1.07E-23	Middle
835-15	1.140	-2.069	0.62	117	1951	91.59	5.55E-26	Upper
837-01	1.089	-0.251	0.87	33	1956	10.01	1.66E-15	Lower
837-01	1.651	-1.218	1.00	32	1956	0.05	2.56E-54	Middle
837-01	1.445	-1.437	0.95	39	1956	6.71	1.94E-26	Upper
837-06	1.120	-0.050	0.77	23	1983	13.21	3.59E-08	Lower
837-06	1.749	-1.076	0.98	20	1983	1.99	1.46E-16	Middle
837-06	1.585	-1.199	0.94	33	1945	8.05	4.85E-20	Upper
837-08	1.450	-0.450	0.86	60	1975	32.88	5.35E-26	Lower
837-08	1.788	-1.069	1.00	59	1975	0.08	4.64E-103	Middle
837-08	1.613	-1.259	0.97	66	1975	8.51	7.15E-50	Upper
837-12	1.560	-1.437	0.72	58	1980	40.59	2.59E-17	Middle
837-12	1.372	-1.617	0.74	62	1980	34.71	4.67E-19	Upper
837-18	1.056	-0.193	0.82	9	1958	3.34	7.04E-04	Lower
837-18	1.681	-1.186	1.00	6	1958	0.00	3.27E-64	Middle
837-18	1.616	-1.256	1.00	12	1958	0.12	1.53E-14	Upper
838-05	1.920	-0.438	0.82	26	1986	17.54	1.60E-10	Lower
838-05	1.859	-0.997	0.99	26	1986	0.89	1.00E-24	Middle
838-05	1.636	-1.235	0.99	29	1986	0.60	1.19E-29	Upper
839-02	1.565	-1.685	0.79	96	1959	66.81	2.74E-33	Middle
839-02	1.452	-1.756	0.79	103	1968	63.22	1.02E-35	Upper
839-04	0.945	0.319	0.98	17	1972	0.49	1.24E-13	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-04	0.948	0.151	0.96	16	1972	0.91	6.69E-11	Middle
839-04	1.575	-1.284	0.92	23	1972	5.71	2.76E-13	Upper
839-05	0.980	0.224	0.99	45	1972	0.86	6.04E-42	Lower
839-05	1.335	-0.551	0.88	46	1972	17.00	1.64E-21	Middle
839-05	1.483	-1.381	0.95	51	1972	8.73	3.60E-33	Upper
839-06	1.497	-1.496	0.72	37	1962	40.50	4.14E-11	Middle
839-06	1.500	-1.746	0.82	38	1962	22.60	4.23E-15	Upper
839-08	1.697	-1.524	0.77	70	1974	55.36	2.10E-23	Middle
839-08	1.448	-1.733	0.75	78	1974	50.87	2.81E-24	Upper
839-09	0.944	0.019	0.94	19	1962	1.82	9.51E-12	Lower
839-09	1.400	-0.737	0.89	19	1962	7.64	1.10E-09	Middle
839-09	1.456	-1.427	0.96	25	1962	3.50	1.91E-17	Upper
839-12	1.733	-1.009	0.70	79	1962	109.22	9.99E-22	Middle
839-12	1.839	-1.406	0.83	85	1981	64.86	9.51E-34	Upper
840-01	0.950	0.492	0.98	83	1983	1.84	7.24E-69	Lower
840-01	1.074	0.198	0.91	83	1983	9.81	7.34E-45	Middle
840-01	1.807	-1.031	0.95	88	1983	14.97	3.52E-59	Upper
840-02	1.242	-0.517	0.88	21	1958	6.96	2.57E-10	Lower
840-02	1.624	-1.250	1.00	21	1958	0.30	4.78E-25	Middle
840-02	1.437	-1.450	0.96	27	1958	3.88	1.58E-18	Upper
840-03	0.968	0.044	0.99	40	1960	0.31	1.05E-44	Lower
840-03	1.419	-0.851	0.92	42	1960	11.39	1.73E-23	Middle
840-03	1.407	-1.475	0.95	46	1960	6.60	8.28E-31	Upper
840-05	1.265	-0.634	0.88	37	1954	14.22	9.20E-18	Lower
840-05	1.529	-1.327	0.98	43	1954	3.23	2.09E-36	Middle
840-05	1.300	-1.548	0.92	48	1954	11.38	1.15E-26	Upper
840-07	0.679	0.727	0.64	64	1994	21.65	3.25E-15	Lower
840-07	1.511	-1.004	0.74	64	1965	67.38	6.63E-20	Middle
840-07	1.582	-1.556	0.81	75	1965	54.72	5.56E-28	Upper
840-08	1.722	-1.354	0.85	51	1955	34.24	4.74E-22	Middle
840-08	1.608	-1.491	0.83	72	1974	49.60	5.21E-29	Upper
840-10	0.970	0.207	0.99	106	1973	1.77	5.13E-99	Lower
840-10	0.981	0.061	1.00	103	1973	0.15	3.80E-151	Middle
840-10	1.281	-0.675	0.83	112	1973	48.39	5.39E-44	Upper
840-11	1.301	-0.595	0.84	26	1966	14.10	4.45E-11	Lower
840-11	1.490	-1.387	0.98	27	1966	2.23	2.08E-22	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-11	1.295	-1.597	0.97	32	1966	3.18	1.22E-23	Upper
840-13	0.999	-0.053	0.94	41	1967	3.84	4.92E-26	Lower
840-13	1.669	-1.196	1.00	40	1967	0.27	2.89E-55	Middle
840-13	1.410	-1.475	0.96	47	1967	5.74	1.97E-33	Upper
840-14	0.996	-0.019	0.94	104	1960	9.84	1.87E-64	Lower
840-14	1.615	-1.242	0.99	103	1955	4.13	1.82E-102	Middle
840-14	1.368	-1.488	0.91	118	1960	30.26	4.78E-63	Upper
840-15	0.951	0.026	0.99	12	1955	0.17	4.65E-11	Lower
840-15	0.879	-0.048	0.92	18	1955	1.52	2.81E-10	Middle
840-15	1.248	-1.141	0.83	18	1955	7.52	1.67E-07	Upper
840-18	1.047	0.356	0.99	7	1965	0.07	8.87E-07	Lower
840-18	0.980	0.063	0.97	10	1965	0.41	1.10E-07	Middle
840-18	1.429	-1.045	0.89	12	1965	5.04	4.50E-06	Upper
840-20	1.357	-1.749	0.68	16	1966	12.24	9.32E-05	Lower
840-20	1.465	-1.693	0.74	20	1966	16.56	1.10E-06	Upper
840-22	1.268	-0.029	0.80	28	1983	14.49	1.24E-10	Lower
840-22	1.871	-0.970	1.00	26	1979	0.51	4.64E-30	Middle
840-22	1.585	-1.282	0.96	34	1983	4.26	9.97E-25	Upper
840-24	1.306	-1.892	0.62	19	1970	18.22	6.92E-05	Middle
840-24	1.203	-2.027	0.63	21	1970	17.27	1.76E-05	Upper
840-26	1.612	-1.637	0.76	59	1961	59.72	1.97E-19	Middle
840-26	1.582	-1.696	0.77	68	1961	64.03	1.38E-22	Upper
840-27	1.174	-0.340	0.87	62	1965	19.99	1.42E-28	Lower
840-27	1.626	-1.243	1.00	59	1965	0.81	8.61E-73	Middle
840-27	1.366	-1.518	0.97	68	1965	6.66	6.12E-51	Upper
840-31	0.991	0.068	1.00	20	1966	0.14	1.07E-22	Lower
840-31	0.958	0.035	1.00	21	1966	0.05	9.48E-28	Middle
840-31	1.314	-0.775	0.85	25	1966	12.42	8.07E-11	Upper
840-36	1.065	0.365	0.97	19	1984	0.61	7.01E-15	Lower
840-36	1.404	-0.318	0.77	19	1984	11.68	7.87E-07	Middle
840-36	1.812	-1.046	0.99	22	1984	0.86	3.84E-21	Upper
841-01	2.685	-0.100	0.99	43	1977	0.57	9.73E-40	Middle
841-01	2.280	-0.529	0.96	46	1977	2.50	1.26E-31	Upper
841-02	1.444	-1.442	0.99	10	1977	0.13	4.68E-10	Upper
842-04	1.423	0.009	0.51	41	1990	53.34	1.85E-07	Lower
842-04	2.039	-0.777	0.95	45	1990	8.25	7.72E-29	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
842-04	1.928	-0.904	0.96	46	1990	6.03	1.12E-31	Upper
842-05	2.382	-0.029	0.73	14	1957	9.93	9.43E-05	Lower
842-05	2.469	-0.336	1.00	12	1957	0.00	3.59E-163	Middle
842-05	1.709	-1.095	0.91	18	1957	3.98	1.07E-09	Upper
842-07	1.303	-1.862	0.57	45	1960	47.80	1.75E-09	Middle
842-07	1.289	-1.905	0.62	52	1960	48.91	5.52E-12	Upper
842-12	2.399	-0.407	0.98	45	1987	0.69	5.12E-39	Middle
842-12	2.230	-0.591	0.99	49	1987	0.35	2.45E-55	Upper
842-13	1.092	-0.107	0.84	21	1967	6.93	6.15E-09	Lower
842-13	1.729	-1.134	1.00	19	1967	0.00	5.19E-41	Middle
842-13	1.634	-1.237	0.99	24	1967	1.27	3.05E-22	Upper
842-15	1.249	-0.576	0.79	19	1951	12.95	3.47E-07	Lower
842-15	1.602	-1.270	1.00	20	1951	0.04	1.20E-31	Middle
842-15	1.498	-1.382	0.98	25	1951	2.59	3.56E-20	Upper
842-16	1.051	0.143	0.92	36	1979	4.70	1.70E-20	Lower
842-16	1.871	-0.976	1.00	36	1979	0.29	3.22E-49	Middle
842-16	1.739	-1.111	0.96	42	1979	6.87	4.20E-30	Upper
843-01	1.624	-1.655	0.76	131	1985	133.92	1.17E-41	Middle
843-01	1.566	-1.709	0.75	138	1966	134.40	4.08E-43	Upper
843-03	1.031	0.235	0.98	33	1975	0.66	1.06E-29	Lower
843-03	1.326	-0.364	0.88	32	1975	10.18	2.66E-15	Middle
843-03	1.626	-1.233	0.94	39	1975	7.29	1.36E-24	Upper
843-06	1.209	-0.307	0.83	35	1974	17.35	2.73E-14	Lower
843-06	1.695	-1.168	1.00	36	1961	0.31	3.12E-48	Middle
843-06	1.444	-1.438	0.95	43	1974	8.01	4.26E-28	Upper
843-09	1.028	0.110	1.00	5	1970	0.00	5.36E-06	Lower
843-09	1.274	-0.291	0.85	6	1970	2.67	8.93E-03	Middle
843-09	1.691	-1.180	0.97	9	1970	1.22	1.83E-06	Upper
844-02	1.637	-1.298	0.86	35	1978	11.41	2.06E-15	Middle
844-02	1.414	-1.548	0.80	39	1978	14.10	1.66E-14	Upper
845-07	1.563	-1.647	0.64	96	1977	117.62	1.89E-22	Middle
845-07	1.365	-1.846	0.63	102	1977	100.71	3.39E-23	Upper
845-08	1.734	-1.266	0.53	25	1991	50.11	3.49E-05	Lower
845-08	1.888	-1.249	0.64	24	1991	36.86	2.93E-06	Middle
845-08	1.746	-1.440	0.61	30	1991	43.72	3.16E-07	Upper
845-09	1.051	0.604	0.87	32	1979	5.21	1.11E-14	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
845-09	1.918	-0.536	0.89	31	1979	14.56	1.18E-15	Middle
845-09	1.993	-0.736	0.92	39	1979	14.28	8.59E-22	Upper
845-17	1.199	0.553	0.96	7	1981	0.33	8.58E-05	Lower
845-17	2.183	-0.622	0.99	9	1981	0.63	8.50E-08	Middle
845-17	1.821	-1.026	0.95	11	1981	2.17	5.39E-07	Upper
845-21	1.634	-0.229	0.72	22	1976	21.63	5.15E-07	Lower
845-21	1.700	-1.123	0.93	21	1976	4.12	1.11E-12	Middle
845-21	1.497	-1.348	0.96	26	1976	2.29	9.94E-19	Upper
846-01	1.248	0.312	0.81	41	1987	15.79	7.24E-16	Lower
846-01	2.080	-0.736	0.99	42	1990	1.28	1.63E-45	Middle
846-01	1.938	-0.883	0.97	49	1987	5.43	3.90E-38	Upper
846-02	1.360	-0.166	0.71	73	1971	61.88	9.18E-21	Lower
846-02	1.877	-0.932	0.97	73	1971	8.38	3.36E-57	Middle
846-02	1.633	-1.204	0.96	78	1971	10.17	1.17E-54	Upper
846-03	0.972	0.049	0.99	76	1966	1.38	3.28E-70	Lower
846-03	0.962	-0.170	0.89	77	1954	11.38	4.38E-38	Middle
846-03	1.427	-1.463	0.93	87	1966	16.76	5.02E-51	Upper
846-04	1.403	-0.381	0.84	38	1987	23.04	5.36E-16	Lower
846-04	1.737	-1.085	0.98	37	1987	3.12	1.17E-32	Middle
846-04	1.571	-1.233	0.93	49	1961	13.83	8.09E-29	Upper
846-05	1.086	0.017	0.86	56	1963	16.02	1.51E-24	Lower
846-05	1.729	-1.134	1.00	57	1963	0.10	6.16E-95	Middle
846-05	1.560	-1.302	0.97	60	1963	7.40	1.00E-44	Upper
846-06	1.657	-1.213	0.99	23	1965	0.40	3.81E-25	Lower
846-06	1.670	-1.199	0.99	24	1965	0.61	2.02E-24	Middle
846-06	1.522	-1.358	0.99	26	1965	1.05	4.56E-24	Upper
846-07	1.170	-0.285	0.85	25	1967	9.65	4.61E-11	Lower
846-07	1.623	-1.246	1.00	23	1967	0.33	9.90E-28	Middle
846-07	1.376	-1.504	0.97	30	1967	3.01	2.14E-22	Upper
846-08	1.499	-0.880	0.85	23	1968	12.79	4.42E-10	Lower
846-08	1.549	-1.327	0.97	24	1958	2.19	7.83E-19	Middle
846-08	1.507	-1.371	0.97	30	1968	3.10	1.74E-23	Upper
847-01	1.766	-0.442	0.67	29	1980	27.62	6.49E-08	Lower
847-01	2.032	-0.800	0.99	30	1980	0.85	1.94E-29	Middle
847-01	1.801	-1.051	0.97	33	1980	2.51	1.15E-25	Upper
847-02	1.307	-0.045	0.70	24	1980	16.87	3.25E-07	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
847-02	1.953	-0.893	1.00	25	1980	0.00	4.93E-53	Middle
847-02	1.891	-0.960	1.00	27	1980	0.20	1.38E-35	Upper
847-04	1.678	-1.568	0.77	40	1976	35.56	8.64E-14	Middle
847-04	1.507	-1.756	0.75	44	1976	34.12	2.48E-14	Upper
847-05	1.900	-1.343	0.84	25	1982	17.28	1.07E-10	Middle
847-05	1.719	-1.550	0.82	33	1982	21.83	5.03E-13	Upper
847-07	1.539	-0.344	0.75	8	1986	7.46	5.18E-03	Lower
847-07	1.992	-0.843	0.99	9	1986	0.21	2.98E-09	Middle
847-07	1.975	-0.851	0.99	14	1986	0.53	5.12E-14	Upper
847-08	1.505	-1.685	0.62	20	1980	24.11	4.26E-05	Middle
847-08	1.529	-1.711	0.66	28	1981	31.88	1.49E-07	Upper
848-04	2.049	-0.781	0.99	9	1990	0.40	4.22E-08	Middle
848-04	1.689	-1.169	0.97	11	1990	1.09	4.87E-08	Upper
848-05	1.003	0.972	0.98	4	1978	0.05	1.24E-02	Lower
848-07	2.035	-0.804	1.00	9	1991	0.00	1.56E-110	Middle
848-07	2.182	-0.638	0.99	13	1991	0.29	3.53E-13	Upper
848-17	1.837	-0.540	0.64	10	1985	7.24	5.17E-03	Lower
848-17	2.031	-0.808	1.00	10	1985	0.00	8.32E-128	Middle
848-17	1.579	-1.270	0.96	14	1985	1.14	8.02E-10	Upper
849-02	0.965	0.331	0.98	49	1976	1.05	4.49E-42	Lower
849-02	0.993	0.080	0.99	49	1979	0.56	1.81E-48	Middle
849-02	1.518	-1.327	0.91	58	1979	15.36	2.22E-30	Upper
849-03	1.631	-1.647	0.72	65	1965	76.91	5.94E-19	Upper
849-05	1.551	-1.060	0.87	19	1970	7.07	6.65E-09	Lower
849-05	1.527	-1.352	1.00	20	1970	0.07	9.96E-28	Middle
849-05	1.368	-1.523	0.99	24	1970	0.56	3.61E-24	Upper
849-06	1.393	-0.607	0.82	15	1972	9.03	2.84E-06	Lower
849-06	1.554	-1.318	0.98	14	1972	0.99	1.07E-11	Middle
849-06	1.361	-1.532	0.97	20	1972	1.57	1.24E-15	Upper
849-07	1.439	-0.652	0.88	29	1968	13.49	5.02E-14	Lower
849-07	1.575	-1.299	0.99	29	1968	1.77	3.43E-26	Middle
849-07	1.332	-1.561	0.98	35	1968	2.03	1.15E-29	Upper
849-08	1.048	0.215	0.99	27	1967	0.40	7.72E-27	Lower
849-08	1.536	-0.711	0.84	27	1967	16.45	2.35E-11	Middle
849-08	1.714	-1.139	0.99	30	1967	1.30	1.98E-29	Upper
849-10	2.006	-0.830	1.00	32	1981	0.64	1.33E-36	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-10	1.846	-0.998	0.98	32	1990	2.63	2.49E-26	Middle
849-10	1.583	-1.272	0.96	43	1991	5.89	8.28E-30	Upper
849-11	1.346	0.070	0.83	87	1985	36.88	1.76E-34	Lower
849-11	1.957	-0.875	1.00	84	1985	1.62	1.88E-98	Middle
849-11	1.719	-1.126	0.95	93	1985	16.68	1.85E-60	Upper
849-13	1.348	-1.841	0.60	38	1965	41.07	1.23E-08	Middle
849-13	1.351	-1.860	0.59	43	1965	49.56	1.62E-09	Upper
849-14	1.555	-1.674	0.76	19	1962	12.75	1.06E-06	Middle
849-14	1.437	-1.784	0.76	23	1962	16.14	6.53E-08	Upper
849-15	1.610	-0.768	0.92	20	1976	6.43	2.05E-11	Lower
849-15	1.628	-1.247	0.99	21	1976	1.11	2.97E-19	Middle
849-15	1.452	-1.425	0.95	28	1976	4.41	4.67E-18	Upper
849-16	1.692	-1.433	0.71	113	1981	117.16	1.33E-31	Middle
849-16	1.541	-1.682	0.76	118	1981	80.51	4.22E-38	Upper
849-18	1.086	-0.069	0.91	75	1976	12.76	8.76E-41	Lower
849-18	1.649	-1.231	0.99	79	1976	2.03	1.31E-86	Middle
849-18	1.443	-1.454	0.96	86	1976	11.25	7.18E-60	Upper
849-20	1.805	-0.630	0.93	26	1983	8.95	3.39E-15	Lower
849-20	1.836	-1.018	0.99	28	1983	0.90	1.23E-29	Middle
849-20	1.617	-1.252	0.96	32	1983	4.98	6.89E-22	Upper
849-24	1.356	-1.036	0.89	8	1956	3.21	3.92E-04	Lower
849-24	1.469	-1.411	0.98	9	1956	0.61	1.94E-07	Middle
849-24	1.235	-1.668	1.00	11	1956	0.08	7.74E-13	Upper
849-27	1.081	0.074	0.85	16	1983	4.48	3.63E-07	Lower
849-27	1.775	-1.060	0.97	16	1983	2.42	1.36E-11	Middle
849-27	1.474	-1.375	0.93	22	1983	4.46	3.10E-13	Upper
849-28	0.942	0.019	0.99	25	1965	0.52	1.17E-22	Lower
849-28	1.483	-1.172	0.94	25	1965	5.55	1.43E-15	Middle
849-28	1.320	-1.569	0.97	31	1965	2.84	6.64E-23	Upper
849-29	0.988	0.160	0.97	72	1974	3.76	5.36E-53	Lower
849-29	1.761	-1.097	0.99	71	1991	2.64	1.88E-74	Middle
849-29	1.479	-1.397	0.96	78	1991	11.17	6.26E-54	Upper
849-30	1.544	-0.669	0.91	14	1972	5.47	1.50E-07	Lower
849-30	1.734	-1.128	1.00	13	1972	0.02	6.81E-21	Middle
849-30	1.517	-1.362	0.96	20	1972	2.65	2.85E-14	Upper
849-34	1.791	-0.377	0.52	11	1986	11.12	1.22E-02	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-34	2.089	-0.745	1.00	14	1986	0.00	3.96E-25	Upper
849-38	0.948	0.513	0.97	69	1985	2.27	3.16E-52	Lower
849-38	1.777	-0.695	0.94	69	1985	16.26	5.72E-42	Middle
849-38	1.634	-1.208	0.94	75	1985	14.59	5.12E-46	Upper
849-40	1.585	-0.290	0.88	9	1984	4.03	1.62E-04	Lower
849-40	1.892	-0.949	0.99	8	1984	0.36	3.08E-07	Middle
849-40	1.667	-1.197	0.95	14	1984	2.49	3.19E-09	Upper
849-41	1.940	-0.906	1.00	5	1984	0.07	6.46E-05	Lower
849-41	1.832	-1.033	0.98	6	1984	0.60	2.06E-04	Middle
849-41	1.520	-1.358	0.98	9	1984	0.54	2.52E-07	Upper
849-46	1.017	0.641	0.97	10	1987	0.35	2.72E-07	Lower
849-46	2.023	-0.790	0.98	9	1987	0.56	2.19E-07	Middle
849-46	1.744	-1.084	0.93	16	1987	3.38	1.83E-09	Upper
850-03	0.973	0.389	0.99	33	1971	0.26	9.89E-36	Lower
850-03	1.013	0.156	0.99	34	1971	0.30	1.59E-36	Middle
850-03	1.286	-0.691	0.82	38	1971	17.75	4.46E-15	Upper
850-05	0.969	0.284	0.98	71	1965	1.23	3.53E-63	Lower
850-05	0.969	0.044	0.94	70	1965	4.06	2.43E-44	Middle
850-05	0.943	-0.375	0.72	77	1965	28.42	1.29E-22	Upper
850-07	0.971	0.073	0.93	44	1958	4.50	2.25E-25	Lower
850-07	0.924	-0.005	0.94	43	1958	3.70	5.37E-26	Middle
850-07	1.121	-0.958	0.76	49	1958	25.67	2.74E-16	Upper
850-08	1.893	-1.539	0.57	27	1976	49.98	5.72E-06	Middle
850-08	1.721	-1.681	0.56	34	1976	52.48	3.05E-07	Upper
850-19	1.906	-0.943	1.00	15	1981	0.02	4.47E-24	Lower
850-19	1.829	-1.031	0.99	18	1981	0.61	1.87E-18	Middle
850-19	1.778	-1.085	0.99	20	1981	0.85	2.33E-19	Upper
850-20	0.927	0.323	0.98	45	1973	0.68	2.50E-40	Lower
850-20	0.937	0.185	0.97	45	1973	1.09	1.70E-35	Middle
850-20	0.994	-0.450	0.74	51	1973	19.14	7.28E-16	Upper
850-29	1.427	-1.814	0.68	50	1965	50.46	2.57E-13	Middle
850-29	1.312	-1.930	0.70	54	1967	44.95	4.77E-15	Upper
850-31	1.005	0.265	0.98	78	1976	1.38	8.33E-71	Lower
850-31	1.043	0.123	1.00	79	1976	0.45	6.57E-91	Middle
850-31	1.630	-1.043	0.93	84	1976	18.04	1.16E-49	Upper
852-01	1.058	-0.083	0.93	90	1965	8.10	1.91E-53	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-01	1.626	-1.248	0.99	86	1965	3.04	1.12E-82	Middle
852-01	1.349	-1.552	0.95	96	1965	10.35	1.13E-62	Upper
852-02	0.894	0.122	0.91	47	1968	5.16	1.47E-25	Lower
852-02	1.218	-0.814	0.82	50	1968	22.95	3.20E-19	Middle
852-02	1.337	-1.489	0.87	54	1968	19.16	4.86E-25	Upper
852-04	0.979	0.056	0.98	53	1965	1.55	1.58E-45	Lower
852-04	1.475	-0.909	0.92	53	1965	16.59	2.76E-29	Middle
852-04	1.423	-1.468	0.97	58	1965	5.16	2.84E-45	Upper
852-05	1.380	-1.080	0.90	28	1964	10.56	1.87E-14	Lower
852-05	1.323	-1.568	0.98	30	1964	1.99	4.99E-25	Middle
852-05	1.206	-1.694	0.98	34	1964	1.81	1.62E-28	Upper
852-06	1.274	-0.623	0.89	71	1957	20.81	3.72E-35	Lower
852-06	1.478	-1.404	0.98	76	1957	5.03	1.32E-64	Middle
852-06	1.204	-1.698	0.98	77	1957	2.61	1.74E-69	Upper
852-07	1.830	-1.025	1.00	11	1990	0.00	1.46E-143	Middle
852-07	1.709	-1.154	0.97	13	1990	0.76	9.93E-10	Upper
852-09	1.775	-0.536	0.83	16	1991	12.01	9.97E-07	Lower
852-09	2.058	-0.747	0.99	19	1991	1.19	1.82E-17	Middle
852-09	1.794	-1.019	0.94	22	1991	5.08	1.02E-13	Upper
852-11	1.222	-1.930	0.56	120	1974	111.03	5.51E-23	Middle
852-11	1.115	-2.028	0.57	123	1974	92.56	3.96E-24	Upper
852-12	1.121	-2.033	0.56	105	1978	86.40	6.50E-20	Upper
852-13	0.944	0.017	0.98	27	1951	0.60	9.18E-24	Lower
852-13	1.239	-0.664	0.89	26	1951	6.52	3.64E-13	Middle
852-13	1.457	-1.430	0.96	33	1951	4.54	1.37E-22	Upper
852-15	1.476	-0.881	0.93	79	1960	15.99	1.98E-47	Lower
852-15	1.499	-1.378	0.98	77	1960	5.33	3.23E-63	Middle
852-15	1.225	-1.675	0.98	85	1960	3.08	4.14E-74	Upper
852-16	1.653	-0.883	0.75	20	1972	10.00	9.42E-07	Lower
852-16	1.718	-1.146	1.00	18	1972	0.00	5.60E-248	Middle
852-16	1.516	-1.349	0.98	23	1972	0.78	2.24E-19	Upper
852-17	1.732	-1.129	1.00	8	1972	0.09	9.57E-09	Upper
852-19	1.376	-0.317	0.87	21	1972	9.73	9.71E-10	Lower
852-19	1.756	-1.104	1.00	22	1972	0.22	1.75E-28	Middle
852-19	1.401	-1.489	0.97	26	1972	2.28	3.92E-20	Upper
852-21	1.571	-0.397	0.69	22	1975	18.65	1.78E-06	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-21	1.953	-0.890	1.00	24	1975	0.28	1.40E-28	Middle
852-21	1.725	-1.145	0.99	28	1991	0.74	1.47E-28	Upper
852-25	1.420	-1.808	0.67	39	1971	38.94	2.04E-10	Middle
852-25	1.337	-1.904	0.71	44	1971	36.19	9.38E-13	Upper
852-30	1.422	-0.555	0.66	45	1963	43.84	1.22E-11	Lower
852-30	1.772	-1.057	0.97	47	1963	4.33	4.44E-35	Middle
852-30	1.491	-1.368	0.97	49	1963	2.92	6.30E-39	Upper
852-32	0.916	-0.012	1.00	4	1974	0.00	2.56E-04	Lower
852-32	1.453	-1.419	0.96	4	1974	0.47	1.77E-02	Middle
852-32	1.438	-1.431	0.95	9	1974	1.27	7.67E-06	Upper
852-36	1.738	-1.125	1.00	12	1974	0.14	4.43E-14	Lower
852-36	1.739	-1.124	1.00	8	1974	0.00	2.71E-95	Middle
852-36	1.432	-1.454	0.98	17	1974	1.03	2.65E-14	Upper
853-01	1.634	-1.635	0.85	119	1958	68.48	9.34E-51	Middle
853-01	1.469	-1.760	0.83	128	1958	71.33	4.46E-50	Upper
853-02	1.529	-1.601	0.73	130	1967	111.10	3.21E-38	Middle
853-02	1.510	-1.739	0.80	134	1967	80.06	1.87E-47	Upper
853-04	1.189	-0.304	0.88	47	1960	14.86	1.79E-22	Lower
853-04	1.562	-1.313	0.99	44	1960	1.88	2.75E-43	Middle
853-04	1.309	-1.584	0.98	53	1960	3.55	3.62E-43	Upper
853-05	0.982	-0.092	0.94	36	1966	3.95	7.02E-22	Lower
853-05	1.586	-1.283	0.99	37	1966	1.26	2.76E-38	Middle
853-05	1.336	-1.548	0.95	45	1960	5.93	2.05E-30	Upper
853-07	1.308	-0.589	0.82	16	1957	10.05	1.45E-06	Lower
853-07	1.578	-1.298	1.00	17	1957	0.11	1.73E-22	Middle
853-07	1.436	-1.450	0.99	19	1957	0.35	6.36E-21	Upper
853-08	1.150	0.113	0.83	41	1982	14.59	9.99E-17	Lower
853-08	1.871	-0.949	0.98	44	1982	3.07	1.08E-39	Middle
853-08	1.590	-1.246	0.94	47	1982	8.99	6.19E-30	Upper
853-09	1.431	-0.195	0.59	26	1979	25.00	4.47E-06	Lower
853-09	1.943	-0.903	1.00	24	1979	0.00	2.93E-62	Middle
853-09	1.927	-0.902	0.98	30	1979	2.11	5.99E-25	Upper
853-11	1.495	-0.926	0.84	17	1958	9.35	2.67E-07	Lower
853-11	1.450	-1.436	0.98	17	1958	0.86	2.08E-14	Middle
853-11	1.285	-1.567	0.95	21	1958	2.75	1.22E-13	Upper
853-12	1.674	-1.558	0.76	43	1979	32.13	3.74E-14	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-12	1.405	-1.811	0.74	49	1979	28.16	1.61E-15	Upper
853-14	1.590	-1.672	0.76	40	1968	38.96	3.08E-13	Middle
853-14	1.388	-1.870	0.73	42	1968	34.90	4.30E-13	Upper
853-15	0.990	0.224	0.98	13	1974	0.29	4.53E-11	Lower
853-15	1.302	-0.392	0.87	13	1974	4.89	3.75E-06	Middle
853-15	1.515	-1.346	0.92	19	1974	4.47	8.73E-11	Upper
853-16	0.929	0.062	0.96	67	1967	3.05	1.85E-47	Lower
853-16	0.958	-0.283	0.82	70	1967	17.78	5.57E-27	Middle
853-16	1.348	-1.524	0.94	76	1967	11.56	4.56E-46	Upper
853-17	1.631	-1.241	1.00	9	1955	0.04	8.55E-12	Lower
853-17	1.602	-1.271	1.00	8	1955	0.00	4.24E-18	Middle
853-17	1.322	-1.577	0.96	13	1955	1.80	5.57E-09	Upper
853-18	0.992	0.072	1.00	32	1974	0.12	2.53E-40	Lower
853-18	1.649	-1.063	0.96	32	1974	5.18	7.84E-23	Middle
853-18	1.422	-1.454	0.96	38	1974	4.05	9.02E-28	Upper
853-19	1.120	-2.035	0.58	20	1954	14.82	9.08E-05	Middle
853-19	0.933	-2.260	0.59	23	1954	12.83	1.76E-05	Upper
853-20	1.477	-1.092	0.93	66	1984	18.77	4.27E-39	Lower
853-20	1.383	-1.505	0.99	67	1984	3.28	7.47E-62	Middle
853-20	1.215	-1.678	0.98	73	1960	3.46	9.23E-64	Upper
853-26	1.334	-0.559	0.86	38	1966	18.14	4.26E-17	Lower
853-26	1.661	-1.207	1.00	35	1966	0.12	3.45E-53	Middle
853-26	1.406	-1.480	0.97	44	1966	5.11	1.92E-32	Upper
853-27	1.853	-1.000	1.00	7	1977	0.00	5.54E-79	Lower
853-27	1.871	-0.981	1.00	8	1977	0.00	3.77E-95	Middle
853-27	1.583	-1.293	0.97	13	1977	1.41	7.80E-10	Upper
853-33	1.310	-0.611	0.76	92	1968	76.72	9.39E-30	Lower
853-33	1.591	-1.437	0.94	94	1982	23.69	7.50E-58	Middle
853-33	1.306	-1.716	0.94	101	1968	15.82	2.16E-63	Upper
853-34	1.335	-1.293	0.56	81	1961	121.14	1.34E-15	Lower
853-34	1.518	-1.738	0.81	84	1961	49.97	4.52E-31	Middle
853-34	1.312	-1.903	0.82	88	1961	39.16	2.35E-33	Upper
853-37	1.187	-1.952	0.55	35	1967	31.50	3.09E-07	Upper
853-39	1.386	-1.119	0.56	8	1991	6.24	3.36E-02	Lower
853-39	1.657	-1.165	0.92	13	1991	3.15	2.73E-07	Upper
854-01	1.286	-1.911	0.57	143	1962	153.12	7.12E-28	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-01	1.168	-2.012	0.58	148	1962	128.24	1.80E-29	Upper
854-03	1.302	-0.085	0.83	49	1981	22.08	8.82E-20	Lower
854-03	1.759	-1.087	0.97	46	1981	5.30	4.20E-36	Middle
854-03	1.504	-1.365	0.94	55	1981	10.60	1.58E-33	Upper
854-09	0.939	0.413	0.98	17	1977	0.43	3.09E-14	Lower
854-09	1.623	-0.795	0.89	17	1977	8.23	1.73E-08	Middle
854-09	1.717	-1.055	0.92	25	1977	8.01	3.19E-14	Upper
854-12	0.939	0.762	0.94	13	1986	0.68	6.89E-08	Lower
854-12	1.850	-0.079	0.78	14	1986	11.50	2.50E-05	Middle
854-12	2.250	-0.527	0.97	18	1986	2.49	1.17E-13	Upper
854-13	0.912	0.685	0.50	39	1956	35.26	4.82E-07	Lower
854-13	1.974	-1.011	0.82	39	1960	33.23	1.98E-15	Middle
854-13	1.897	-1.100	0.83	51	1992	40.59	1.54E-20	Upper
854-15	1.365	-0.528	0.89	31	1965	10.31	1.07E-15	Lower
854-15	1.701	-1.167	1.00	31	1965	0.37	2.19E-38	Middle
854-15	1.480	-1.406	0.95	37	1965	6.65	8.40E-24	Upper
854-20	1.442	-1.865	0.64	10	1970	11.67	5.69E-03	Middle
854-20	1.676	-1.616	0.79	15	1970	14.04	9.41E-06	Upper
854-21	0.857	0.860	0.98	6	1970	0.08	1.23E-04	Lower
854-21	1.037	0.537	0.91	4	1970	0.31	4.53E-02	Middle
854-21	1.674	-0.286	0.81	11	1970	6.05	1.51E-04	Upper
854-22	1.007	0.091	1.00	12	1976	0.06	1.50E-13	Lower
854-22	1.774	-1.084	1.00	13	1976	0.07	1.47E-17	Middle
854-22	1.609	-1.265	0.96	18	1976	2.52	2.09E-12	Upper
854-23	1.785	-0.766	0.81	54	1985	29.38	3.52E-20	Lower
854-23	1.945	-0.897	0.99	57	1984	0.95	1.23E-63	Middle
854-23	1.756	-1.098	0.98	64	1984	3.85	8.49E-56	Upper
854-25	1.137	0.058	0.90	34	1978	5.66	1.14E-17	Lower
854-25	1.767	-1.081	0.98	36	1966	2.37	1.01E-31	Middle
854-25	1.702	-1.157	0.96	45	1966	5.32	3.05E-32	Upper
854-27	1.432	-0.020	0.88	12	1985	3.18	5.77E-06	Lower
854-27	1.989	-0.848	1.00	14	1985	0.10	3.78E-18	Middle
854-27	1.770	-1.088	0.93	18	1985	3.59	7.94E-11	Upper
855-09	1.993	-0.848	1.00	37	1989	0.11	5.02E-51	Lower
855-09	1.828	-1.027	1.00	36	1989	0.29	3.21E-41	Middle
855-09	1.523	-1.357	0.98	41	1989	1.38	1.35E-34	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
856-01	0.934	0.010	0.99	49	1958	0.65	7.46E-50	Lower
856-01	1.605	-1.265	0.99	43	1958	1.91	8.86E-43	Middle
856-01	1.451	-1.425	0.95	55	1958	10.14	5.18E-36	Upper
856-02	1.383	-0.938	0.76	147	1951	147.67	2.65E-46	Lower
856-02	1.664	-1.491	0.93	151	1951	50.75	4.54E-88	Middle
856-02	1.420	-1.710	0.90	155	1951	53.70	8.43E-80	Upper
856-06	0.934	0.010	0.99	28	1962	0.34	2.10E-27	Lower
856-06	1.370	-0.940	0.90	28	1962	7.51	1.11E-14	Middle
856-06	1.360	-1.518	0.92	34	1962	7.18	6.31E-19	Upper
856-07	1.007	0.096	0.99	123	1965	1.38	5.67E-128	Lower
856-07	1.424	-0.773	0.92	125	1965	30.31	3.12E-68	Middle
856-07	1.464	-1.410	0.93	129	1965	27.75	7.88E-75	Upper
856-08	0.963	0.043	0.99	68	1964	1.08	8.77E-66	Lower
856-08	1.026	-0.381	0.84	69	1964	19.94	3.14E-28	Middle
856-08	1.389	-1.482	0.92	74	1964	17.53	1.34E-41	Upper
857-02	1.205	-0.398	0.83	24	1966	11.54	4.95E-10	Lower
857-02	1.536	-1.339	0.97	25	1966	2.57	6.95E-20	Middle
857-02	1.376	-1.512	0.96	30	1966	3.96	6.81E-21	Upper
857-03	1.003	0.080	0.99	24	1963	0.24	6.09E-25	Lower
857-03	1.473	-0.838	0.93	27	1963	5.88	4.92E-16	Middle
857-03	1.453	-1.432	0.92	30	1963	6.67	4.16E-17	Upper
857-04	1.891	-0.960	1.00	8	1986	0.00	2.85E-98	Middle
857-04	1.680	-1.186	0.98	11	1986	0.65	3.45E-09	Upper
857-05	1.033	0.284	0.98	56	1976	1.30	9.11E-48	Lower
857-05	1.094	0.027	0.95	54	1976	3.80	1.90E-35	Middle
857-05	1.678	-1.166	0.94	62	1976	12.51	1.06E-37	Upper
857-06	1.573	-0.730	0.77	26	1976	17.42	4.37E-09	Lower
857-06	1.612	-1.256	0.98	31	1976	1.75	5.13E-27	Middle
857-06	1.378	-1.509	0.98	31	1976	1.42	2.46E-26	Upper
857-08	1.003	0.216	0.98	29	1965	0.81	4.99E-24	Lower
857-08	0.984	0.066	0.98	33	1965	0.60	2.30E-29	Middle
857-08	1.558	-1.313	0.93	35	1965	7.31	4.72E-21	Upper
857-09	1.644	-1.060	0.97	23	1963	3.88	6.15E-17	Lower
857-09	1.603	-1.272	0.99	23	1963	0.81	1.06E-23	Middle
857-09	1.331	-1.562	0.96	29	1963	3.30	3.81E-21	Upper
857-11	1.018	0.188	0.99	48	1965	0.55	5.51E-48	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-11	1.103	-0.174	0.92	51	1965	6.70	6.37E-28	Middle
857-11	1.501	-1.383	0.92	54	1965	12.49	1.19E-29	Upper
857-12	1.307	-0.332	0.86	33	1975	13.43	7.05E-15	Lower
857-12	1.677	-1.191	0.98	33	1975	2.22	3.05E-29	Middle
857-12	1.398	-1.491	0.98	39	1975	2.74	2.17E-31	Upper
857-20	1.056	0.134	0.99	33	1972	0.24	6.16E-36	Lower
857-20	0.983	0.057	0.99	32	1972	0.24	4.68E-33	Middle
857-20	1.607	-1.267	0.97	39	1972	3.00	2.09E-30	Upper
857-23	1.713	-1.152	1.00	4	1972	0.00	1.82E-32	Lower
857-23	1.600	-1.272	0.98	6	1972	0.48	1.29E-04	Middle
857-23	1.343	-1.539	0.95	10	1972	1.42	1.58E-06	Upper
857-25	1.348	0.132	0.82	69	1986	32.75	5.24E-27	Lower
857-25	1.970	-0.861	1.00	72	1986	1.39	2.16E-85	Middle
857-25	1.655	-1.199	0.96	75	1986	10.41	1.11E-52	Upper
857-26	1.576	-1.299	0.99	9	1967	0.28	1.59E-08	Lower
857-26	1.397	-1.492	1.00	10	1967	0.04	9.44E-13	Middle
857-26	1.230	-1.672	1.00	14	1967	0.13	4.21E-16	Upper
857-32	1.703	-0.806	0.92	14	1981	5.33	8.12E-08	Lower
857-32	1.870	-0.972	0.99	14	1981	0.44	1.75E-14	Middle
857-32	1.658	-1.211	0.98	20	1981	1.79	3.99E-16	Upper
857-33	1.785	-1.073	1.00	20	1979	0.26	8.24E-23	Lower
857-33	1.674	-1.193	0.99	19	1979	0.25	2.46E-20	Middle
857-33	1.407	-1.480	0.99	25	1979	0.80	1.78E-23	Upper
857-36	1.506	-1.372	0.98	8	1967	0.77	4.47E-06	Lower
857-36	1.266	-1.635	1.00	8	1967	0.06	6.63E-09	Middle
857-36	1.287	-1.600	0.96	14	1967	1.59	1.26E-09	Upper
857-37	1.820	-0.714	0.93	37	1986	12.02	1.89E-21	Lower
857-37	1.699	-1.157	0.97	39	1986	3.93	1.24E-30	Middle
857-37	1.464	-1.409	0.98	43	1986	2.04	1.21E-37	Upper
857-63	1.239	0.198	0.83	91	1985	33.04	1.46E-36	Lower
857-63	1.958	-0.873	0.99	92	1985	2.55	6.07E-102	Middle
857-63	1.596	-1.261	0.95	97	1985	14.07	3.02E-65	Upper
857-65	0.992	0.069	0.99	35	1966	0.31	8.65E-38	Lower
857-65	1.324	-0.660	0.89	40	1966	11.98	1.05E-19	Middle
857-65	1.383	-1.504	0.95	41	1966	5.37	3.23E-27	Upper
857-67	1.483	-1.663	0.62	21	1966	25.00	2.51E-05	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-67	1.370	-1.807	0.63	24	1966	22.53	3.83E-06	Upper
857-68	1.726	-1.518	0.76	50	1966	43.45	1.67E-16	Middle
857-68	1.642	-1.552	0.77	57	1966	43.16	2.44E-19	Upper
858-01	1.669	-1.199	1.00	20	1991	0.00	8.75E-281	Lower
858-01	1.994	-0.848	1.00	20	1991	0.00	3.03E-286	Middle
858-01	1.561	-1.316	1.00	23	1991	0.10	1.67E-27	Upper
858-02	1.007	0.088	1.00	23	1967	0.17	3.61E-26	Lower
858-02	1.688	-1.177	1.00	23	1967	0.05	4.30E-36	Middle
858-02	1.454	-1.429	0.95	29	1967	4.82	3.28E-19	Upper
858-05	1.478	-1.728	0.61	61	1977	75.15	1.57E-13	Middle
858-05	1.393	-1.823	0.64	66	1979	67.37	7.49E-16	Upper
858-08	1.212	-0.263	0.86	15	1973	5.74	7.01E-07	Lower
858-08	1.742	-1.119	1.00	12	1973	0.07	6.53E-16	Middle
858-08	1.522	-1.362	0.96	21	1970	3.02	9.20E-15	Upper
858-12	1.358	-0.524	0.72	23	1956	18.60	3.59E-07	Lower
858-12	1.649	-1.221	1.00	23	1956	0.01	3.60E-44	Middle
858-12	1.528	-1.328	0.97	27	1956	2.64	4.40E-20	Upper
859-01	0.921	0.100	0.97	24	1958	0.89	3.92E-18	Lower
859-01	0.817	-0.106	0.87	26	1958	3.22	2.58E-12	Middle
859-01	1.361	-1.516	0.93	30	1958	5.52	1.17E-17	Upper
859-02	1.203	-0.126	0.87	22	1968	7.21	2.13E-10	Lower
859-02	1.715	-1.147	1.00	24	1968	0.28	4.59E-30	Middle
859-02	1.435	-1.449	0.96	28	1968	3.92	4.25E-19	Upper
859-03	1.965	-0.879	1.00	15	1990	0.00	1.53E-216	Middle
859-03	1.714	-1.149	0.97	16	1990	0.91	1.20E-11	Upper
859-04	0.925	0.011	0.97	78	1960	2.82	1.70E-62	Lower
859-04	1.056	-0.682	0.79	79	1960	37.70	5.61E-28	Middle
859-04	1.330	-1.559	0.95	84	1960	11.45	9.52E-57	Upper
859-05	1.064	-0.087	0.91	52	1965	8.36	2.40E-28	Lower
859-05	1.530	-1.343	0.98	51	1965	3.60	1.11E-43	Middle
859-05	1.306	-1.586	0.97	58	1965	4.84	1.69E-43	Upper
859-06	1.022	0.015	0.95	59	1966	5.22	7.68E-38	Lower
859-06	1.591	-1.274	0.97	62	1966	6.55	1.16E-48	Middle
859-06	1.290	-1.600	0.97	65	1966	5.54	6.19E-48	Upper
859-07	1.824	-1.373	0.69	19	1985	25.30	9.53E-06	Middle
859-07	1.708	-1.538	0.67	22	1985	28.28	3.34E-06	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-08	0.942	0.163	0.95	140	1992	9.03	5.39E-94	Lower
859-08	1.468	-0.890	0.88	140	1965	60.96	3.94E-66	Middle
859-08	1.442	-1.375	0.93	159	1983	33.85	1.33E-93	Upper
859-11	1.561	-1.634	0.72	49	1951	41.77	9.33E-15	Middle
859-11	1.480	-1.715	0.74	53	1951	41.31	1.40E-16	Upper
859-12	1.479	-0.572	0.88	22	1970	10.71	1.07E-10	Lower
859-12	1.704	-1.158	0.99	22	1970	0.95	5.35E-22	Middle
859-12	1.306	-1.584	0.97	28	1970	2.21	1.29E-21	Upper
859-13	1.188	-0.923	0.51	35	1961	49.05	1.32E-06	Lower
859-13	1.393	-1.822	0.77	38	1961	22.91	3.68E-13	Middle
859-13	1.301	-1.891	0.80	41	1961	20.25	4.17E-15	Upper
859-14	1.164	-0.243	0.86	63	1970	22.65	2.08E-27	Lower
859-14	1.628	-1.238	0.99	65	1970	2.18	6.98E-68	Middle
859-14	1.334	-1.552	0.97	69	1970	5.17	1.24E-54	Upper
859-17	1.471	-1.718	0.66	49	1956	55.09	1.20E-12	Middle
859-17	1.350	-1.840	0.71	57	1956	46.24	1.50E-16	Upper
859-19	2.090	-0.572	0.71	41	1981	13.83	5.14E-12	Lower
859-19	2.075	-0.756	0.99	43	1981	0.53	2.11E-44	Middle
859-19	1.851	-1.000	0.98	45	1981	1.07	3.68E-40	Upper
859-20	1.011	-0.107	0.92	26	1966	3.85	1.57E-14	Lower
859-20	1.521	-1.352	0.97	26	1966	2.55	2.22E-20	Middle
859-20	1.237	-1.662	0.99	32	1966	0.69	3.24E-32	Upper
859-22	1.233	-0.415	0.86	110	1965	42.57	1.07E-48	Lower
859-22	1.572	-1.301	0.98	108	1964	8.37	2.89E-93	Middle
859-22	1.312	-1.581	0.96	121	1964	13.14	4.60E-86	Upper
859-24	1.305	0.338	0.79	11	1991	5.43	2.62E-04	Lower
859-24	2.105	-0.680	0.97	14	1991	2.06	2.38E-10	Middle
859-24	1.735	-1.053	0.92	17	1991	4.40	1.42E-09	Upper
860-01	0.957	0.353	0.97	31	1980	0.95	1.10E-24	Lower
860-01	1.306	-0.204	0.86	31	1980	11.15	6.17E-14	Middle
860-01	1.658	-1.210	0.95	36	1980	6.90	2.77E-23	Upper
860-07	1.429	-0.811	0.82	47	1955	29.84	1.50E-18	Lower
860-07	1.642	-1.227	1.00	48	1955	0.01	6.72E-98	Middle
860-07	1.577	-1.298	1.00	50	1955	0.74	1.52E-59	Upper
860-08	0.817	-0.117	0.98	8	1953	0.25	4.38E-06	Lower
860-08	1.614	-1.257	1.00	9	1945	0.01	1.03E-13	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
860-08	1.411	-1.466	0.93	15	1945	3.65	5.18E-09	Upper
861-03	1.523	-0.781	0.85	22	1964	13.98	1.37E-09	Lower
861-03	1.640	-1.229	0.99	23	1964	0.85	2.23E-23	Middle
861-03	1.288	-1.607	0.97	28	1964	2.11	3.82E-22	Upper
861-04	0.906	0.473	0.58	40	1964	25.96	1.17E-08	Lower
861-04	1.635	-1.262	0.70	44	1964	55.81	1.27E-12	Middle
861-04	1.506	-1.663	0.78	46	1964	33.10	6.18E-16	Upper
861-05	1.660	-1.210	1.00	8	1955	0.07	1.67E-09	Middle
861-05	1.484	-1.391	0.97	10	1955	1.17	1.93E-07	Upper
861-06	1.549	-0.403	0.86	24	1981	13.32	1.07E-10	Lower
861-06	1.874	-0.973	1.00	20	1981	0.19	8.31E-26	Middle
861-06	1.576	-1.292	0.95	30	1981	5.05	8.25E-20	Upper
861-07	1.746	-1.115	1.00	3	1964	0.00	3.42E-03	Middle
861-07	1.579	-1.300	0.97	7	1964	0.80	4.05E-05	Upper
861-08	0.960	0.526	0.85	48	1977	9.02	1.82E-20	Lower
861-08	1.876	-0.798	0.94	51	1977	13.90	1.62E-31	Middle
861-08	1.483	-1.583	0.77	57	1977	43.53	1.99E-19	Upper
861-09	0.959	0.111	0.99	10	1956	0.23	1.09E-08	Lower
861-09	0.927	0.001	1.00	8	1956	0.01	3.22E-10	Middle
861-09	1.299	-1.193	0.89	14	1956	4.92	4.48E-07	Upper
861-10	1.618	-1.549	0.66	18	1983	21.70	4.45E-05	Middle
861-10	1.597	-1.682	0.61	21	1983	30.17	3.30E-05	Upper
861-11	1.015	0.126	0.99	20	1979	0.16	7.07E-22	Lower
861-11	1.790	-1.068	1.00	21	1979	0.10	1.07E-29	Middle
861-11	1.647	-1.212	0.96	26	1979	4.00	1.77E-18	Upper
861-14	1.351	-1.670	0.51	98	1974	121.71	1.77E-16	Lower
861-14	1.181	-2.027	0.62	96	1957	53.99	1.13E-21	Middle
861-14	1.128	-2.047	0.67	106	1974	52.19	6.47E-27	Upper
861-15	1.334	-1.946	0.60	13	1964	14.41	1.91E-03	Middle
861-15	1.438	-1.821	0.68	15	1964	15.50	1.63E-04	Upper
861-17	1.386	-1.929	0.67	10	1959	10.28	3.90E-03	Upper
861-18	1.592	-1.090	0.51	32	1983	55.65	4.12E-06	Lower
861-18	1.773	-1.418	0.69	32	1983	29.86	3.51E-09	Middle
861-18	1.590	-1.613	0.73	37	1983	26.18	1.31E-11	Upper
861-19	1.137	-2.042	0.52	9	1986	5.44	2.85E-02	Middle
861-19	0.934	-2.183	0.52	10	1986	3.91	1.86E-02	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
862-01	1.419	-0.307	0.89	66	1977	20.00	1.48E-32	Lower
862-01	1.826	-1.024	0.99	62	1977	1.31	1.80E-70	Middle
862-01	1.673	-1.188	0.95	72	1977	13.50	1.67E-46	Upper
862-04	1.231	-0.433	0.88	56	1963	19.98	4.03E-26	Lower
862-04	1.663	-1.203	1.00	51	1963	0.22	5.56E-76	Middle
862-04	1.462	-1.417	0.96	62	1963	8.43	2.24E-44	Upper
862-07	1.553	-1.592	0.54	53	1955	84.06	4.22E-10	Middle
862-07	1.483	-1.681	0.64	60	1955	65.09	1.18E-14	Upper
862-09	0.874	0.281	0.88	122	1959	18.80	2.12E-56	Lower
862-09	1.256	-0.950	0.61	123	1959	180.15	3.25E-26	Middle
862-09	1.550	-1.742	0.81	127	1959	102.36	6.55E-47	Upper
862-11	1.262	-0.388	0.87	19	1962	7.72	5.61E-09	Lower
862-11	1.680	-1.185	1.00	21	1962	0.12	3.52E-29	Middle
862-11	1.489	-1.390	0.95	25	1962	4.86	2.36E-16	Upper
862-14	0.991	0.108	0.99	66	1962	1.09	1.78E-65	Lower
862-14	1.214	-0.436	0.86	64	1962	25.18	5.33E-28	Middle
862-14	1.512	-1.358	0.95	72	1962	14.74	2.17E-46	Upper
862-21	0.972	0.080	0.98	96	1957	2.89	1.77E-82	Lower
862-21	1.131	-0.378	0.86	98	1960	33.51	3.79E-42	Middle
862-21	1.468	-1.402	0.93	107	1960	26.26	3.59E-63	Upper
863-02	1.703	-1.474	0.76	94	1951	80.51	1.85E-30	Middle
863-02	1.494	-1.694	0.79	103	1952	61.40	4.08E-36	Upper
863-08	1.414	-1.791	0.62	27	1976	29.18	1.01E-06	Middle
863-08	1.179	-2.022	0.59	28	1976	23.91	2.03E-06	Upper
863-09	1.293	-0.015	0.73	28	1979	17.02	7.70E-09	Lower
863-09	1.920	-0.928	1.00	28	1979	0.00	1.78E-58	Middle
863-09	1.640	-1.231	0.98	31	1979	1.37	8.39E-28	Upper
864-01	1.581	-1.294	0.98	7	1965	0.51	1.22E-05	Lower
864-01	1.642	-1.225	0.99	6	1965	0.15	1.07E-05	Middle
864-01	1.401	-1.482	0.95	12	1965	2.16	8.88E-08	Upper
864-04	1.792	-0.902	0.86	16	1987	4.92	2.17E-07	Lower
864-04	1.883	-0.961	0.99	17	1987	0.50	1.21E-16	Middle
864-04	1.468	-1.409	0.98	20	1987	0.70	2.20E-17	Upper
864-06	1.434	-0.439	0.81	38	1977	24.79	1.26E-14	Lower
864-06	1.797	-1.059	1.00	38	1977	0.21	3.68E-54	Middle
864-06	1.623	-1.243	0.97	44	1977	4.81	2.74E-34	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
864-07	1.697	-0.724	0.85	36	1980	18.75	1.04E-15	Lower
864-07	1.798	-1.060	1.00	40	1980	0.28	3.38E-54	Middle
864-07	1.558	-1.317	0.98	42	1980	3.03	2.81E-34	Upper
864-08	1.178	-0.007	0.88	15	1985	3.68	2.90E-07	Lower
864-08	1.864	-0.981	1.00	17	1985	0.16	1.69E-21	Middle
864-08	1.587	-1.278	0.96	21	1985	2.55	1.04E-14	Upper
864-09	1.803	-0.625	0.91	30	1986	12.88	6.75E-16	Lower
864-09	1.967	-0.871	1.00	27	1986	0.34	7.35E-34	Middle
864-09	1.772	-1.075	0.96	36	1986	5.36	4.52E-26	Upper
864-11	2.049	-0.776	0.99	46	1987	2.45	2.99E-45	Lower
864-11	1.922	-0.914	0.98	43	1987	4.20	1.33E-35	Middle
864-11	1.715	-1.120	0.93	52	1987	13.76	1.05E-30	Upper
864-13	1.425	-1.462	1.00	8	1967	0.00	6.28E-95	Lower
864-13	1.457	-1.422	0.95	8	1967	1.24	5.11E-05	Middle
864-13	1.316	-1.575	0.95	12	1967	1.78	1.08E-07	Upper
864-14	1.614	-1.600	0.74	42	1967	34.24	3.15E-13	Middle
864-14	1.547	-1.687	0.76	49	1967	37.10	5.18E-16	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-07	1.226	0.238	0.93	5	1972	0.35	8.80E-03	Lower
003-07	1.323	-0.471	0.85	13	1995	2.66	8.62E-06	Upper
005-05	0.517	0.672	0.73	35	1967	2.72	6.56E-11	Lower
005-05	0.572	0.441	0.84	35	1980	1.63	7.07E-15	Middle
005-05	0.595	0.224	0.84	41	1980	2.33	5.57E-17	Upper
009-31	0.930	0.319	0.99	54	1982	0.38	7.33E-53	Lower
009-31	0.972	0.129	0.99	53	1982	0.46	9.01E-51	Middle
009-31	0.927	0.015	0.99	60	1982	0.58	7.35E-55	Upper
010-06	0.770	0.441	0.78	84	1988	9.70	2.58E-28	Lower
010-06	0.902	0.087	0.84	78	1989	8.82	1.52E-31	Middle
010-06	1.375	-0.690	0.73	94	1989	42.05	4.15E-28	Upper
012-30	0.697	0.588	0.89	98	1993	3.21	4.38E-48	Lower
012-30	0.689	0.432	0.90	96	1993	2.69	4.23E-49	Middle
012-30	0.660	0.226	0.85	104	1993	4.42	8.60E-44	Upper
018-01	0.617	1.068	0.87	78	1979	2.58	7.65E-36	Lower
018-01	0.623	0.905	0.89	78	1979	2.13	7.46E-39	Middle
018-01	0.776	0.695	0.88	83	1979	4.19	1.42E-38	Upper
019-30	0.985	0.212	0.98	104	1985	1.37	8.39E-94	Lower
019-30	0.974	0.058	1.00	107	1979	0.36	1.90E-127	Middle
019-30	0.920	0.009	0.98	113	1979	1.85	4.88E-93	Upper
029-03	0.931	0.593	0.91	8	1973	0.83	2.67E-04	Lower
029-03	0.940	0.334	0.97	8	1973	0.19	5.94E-06	Middle
029-03	0.943	0.052	0.97	15	1973	0.47	3.85E-11	Upper
029-04	0.962	0.092	0.98	275	1979	4.70	4.55E-228	Lower
029-04	0.890	-0.037	1.00	277	1979	0.53		Middle
029-04	1.571	-1.127	0.97	282	1979	18.08	1.73E-213	Upper
029-06	0.974	0.080	0.99	78	1961	0.78	7.60E-77	Lower
029-06	0.930	0.009	0.99	80	1961	0.51	1.19E-85	Middle
029-06	0.966	-0.236	0.90	84	1961	8.45	4.39E-43	Upper
029-07	0.657	0.668	0.90	122	1980	5.08	4.75E-62	Lower
029-07	0.766	0.393	0.92	125	1980	5.84	3.29E-68	Middle
029-07	0.985	-0.024	0.82	128	1980	23.07	1.92E-49	Upper
031-06	0.759	0.760	0.80	33	1991	3.12	2.16E-12	Lower
031-06	0.778	0.543	0.85	32	1991	2.10	6.07E-14	Middle
031-06	0.874	0.218	0.84	39	1991	3.74	4.28E-16	Upper
031-09	0.884	0.547	0.93	51	1989	1.92	3.58E-30	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-09	0.774	0.295	0.85	48	1989	3.25	2.19E-20	Middle
031-09	0.724	0.094	0.78	57	1989	5.48	9.22E-20	Upper
033-01	0.581	0.787	0.84	28	1994	1.00	8.41E-12	Lower
033-01	0.600	0.611	0.91	27	1994	0.58	2.66E-14	Middle
033-01	0.564	0.485	0.80	38	1994	1.70	3.99E-14	Upper
033-02	0.630	0.957	0.85	21	1994	0.87	3.91E-09	Lower
033-02	0.619	0.792	0.86	21	1994	0.79	1.83E-09	Middle
033-02	0.698	0.515	0.81	30	1994	2.17	1.36E-11	Upper
035-03	1.005	0.102	0.99	19	1984	0.12	6.16E-19	Lower
035-03	0.976	0.066	0.99	22	1984	0.08	2.04E-24	Middle
035-03	0.932	0.023	0.99	25	1984	0.17	5.65E-24	Upper
035-04	0.842	0.778	0.96	10	1993	0.19	4.48E-07	Lower
035-04	0.876	0.588	0.96	11	1993	0.16	7.43E-08	Middle
035-04	0.949	0.443	0.97	18	1993	0.30	1.36E-13	Upper
038-01	0.765	0.278	0.90	153	1991	6.39	2.16E-77	Lower
038-01	0.846	-0.019	0.94	150	1991	4.30	9.62E-93	Middle
038-01	1.171	-0.582	0.79	163	1972	37.15	9.51E-57	Upper
038-02	0.652	0.925	0.93	8	1976	0.23	8.96E-05	Lower
038-02	0.816	0.697	0.88	12	1976	0.86	6.42E-06	Middle
038-02	0.930	0.302	0.91	14	1976	1.04	1.14E-07	Upper
039-01	0.842	0.659	0.91	89	1986	5.32	1.39E-46	Lower
039-01	0.940	0.341	0.92	90	1986	5.71	7.92E-50	Middle
039-01	1.005	0.146	0.94	94	1986	5.04	1.55E-57	Upper
040-04	0.722	0.691	0.85	37	1984	2.93	5.08E-16	Lower
040-04	0.747	0.332	0.82	38	1984	4.03	5.56E-15	Middle
040-04	1.399	-0.412	0.76	43	1984	21.87	2.05E-14	Upper
041-02	0.916	0.522	0.93	252	1995	11.24	3.40E-148	Lower
041-02	1.008	0.208	0.94	256	1984	11.85	8.61E-159	Middle
041-02	0.949	0.050	0.91	262	1984	16.09	2.33E-140	Upper
041-03	0.602	1.231	0.79	166	1989	13.36	3.57E-58	Lower
041-03	0.739	0.971	0.78	169	1989	22.57	2.27E-56	Middle
041-03	0.948	0.633	0.78	182	1989	38.44	2.40E-61	Upper
042-02	0.736	0.773	0.91	127	1989	7.41	5.75E-66	Lower
042-02	0.794	0.563	0.89	128	1989	10.53	1.10E-61	Middle
042-02	0.933	0.175	0.90	138	1989	12.76	2.22E-71	Upper
042-05	0.951	0.393	0.98	204	1985	2.18	5.17E-185	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
042-05	0.976	0.173	0.98	208	1985	2.36	1.23E-188	Middle
042-05	0.959	0.007	0.95	217	1981	7.58	7.82E-143	Upper
042-06	1.007	0.237	0.99	9	1970	0.12	4.85E-08	Lower
042-06	1.032	0.108	1.00	7	1970	0.02	3.30E-07	Middle
042-06	0.961	0.036	0.99	15	1970	0.17	5.17E-14	Upper
042-07	0.865	0.517	0.94	225	1977	11.54	1.96E-138	Lower
042-07	1.004	0.132	0.99	223	1977	3.44	4.22E-207	Middle
042-07	1.329	-0.689	0.71	246	1964	181.99	5.34E-68	Upper
045-31	0.940	0.478	0.98	114	1985	1.48	7.59E-100	Lower
045-31	0.952	0.263	0.99	113	1977	1.17	3.40E-104	Middle
045-31	0.949	0.037	0.98	126	1977	1.56	3.86E-111	Upper
052-05	0.540	1.112	0.74	68	1972	3.75	9.58E-21	Lower
052-05	0.587	0.907	0.81	68	1972	3.01	3.32E-25	Middle
052-05	0.679	0.606	0.87	72	1972	2.57	5.63E-33	Upper
052-06	0.633	0.709	0.85	34	1975	2.53	1.37E-14	Lower
052-06	0.778	0.202	0.87	32	1975	2.89	8.05E-15	Middle
052-06	1.190	-0.415	0.72	45	1976	22.58	2.04E-13	Upper
052-08	0.662	0.815	0.74	68	1992	6.58	4.64E-21	Lower
052-08	0.851	0.368	0.78	67	1992	9.01	7.98E-23	Middle
052-08	1.223	-0.232	0.70	77	1975	29.53	1.69E-21	Upper
052-30	1.378	-0.714	0.70	12	1972	10.29	6.48E-04	Upper
053-01	0.804	0.350	0.88	139	1989	10.23	2.86E-65	Lower
053-01	0.897	0.033	0.93	141	1966	7.14	6.04E-83	Middle
053-01	1.556	-1.013	0.92	152	1974	26.78	1.90E-83	Upper
053-04	1.005	0.086	1.00	7	1974	0.01	1.22E-08	Lower
053-04	1.003	0.084	1.00	5	1974	0.00	1.25E-06	Middle
053-04	0.985	0.067	1.00	13	1974	0.02	1.47E-16	Upper
053-05	0.690	0.707	0.86	77	1972	6.31	3.46E-34	Lower
053-05	0.936	0.258	0.94	81	1972	4.67	4.82E-50	Middle
053-05	0.997	0.010	0.83	90	1972	18.13	3.82E-36	Upper
053-30	0.926	0.002	0.99	99	1955	0.90	3.98E-99	Lower
053-30	1.244	-0.654	0.90	96	1955	16.48	1.79E-49	Middle
053-30	1.570	-1.301	1.00	105	1955	0.65	3.53E-137	Upper
056-06	0.601	0.985	0.79	10	1980	0.52	5.40E-04	Lower
056-06	0.617	0.746	0.77	14	1980	0.88	3.44E-05	Middle
056-06	0.617	0.505	0.83	15	1980	0.65	2.30E-06	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
056-30	0.832	0.539	0.97	6	1990	0.09	4.58E-04	Lower
056-30	0.945	0.193	0.98	11	1990	0.12	4.02E-09	Middle
056-30	0.945	0.019	0.99	12	1990	0.05	4.72E-12	Upper
058-30	0.732	0.743	0.89	22	1980	1.32	5.73E-11	Lower
058-30	0.909	0.456	0.87	21	1980	2.22	8.89E-10	Middle
058-30	1.007	0.238	0.90	28	1980	2.75	2.47E-14	Upper
059-01	0.418	0.860	0.58	33	1950	2.36	2.60E-07	Lower
059-01	0.466	0.598	0.72	30	1950	1.42	3.45E-09	Middle
059-01	0.465	0.383	0.68	38	1950	2.19	1.98E-10	Upper
059-02	0.688	1.041	0.87	37	1987	1.74	7.48E-17	Lower
059-02	0.973	0.635	0.87	38	1990	3.38	9.26E-18	Middle
059-02	1.389	-0.116	0.63	45	1987	32.87	6.64E-11	Upper
061-01	0.948	0.508	1.00	18	1982	0.03	6.06E-22	Lower
061-01	0.975	0.417	1.00	17	1982	0.05	2.29E-19	Middle
061-01	0.959	0.339	1.00	24	1982	0.04	3.87E-30	Upper
063-05	0.914	0.421	0.96	48	1990	0.92	8.66E-35	Lower
063-05	0.929	0.166	0.98	50	1990	0.59	4.50E-42	Middle
063-05	0.914	0.024	0.98	54	1990	0.50	3.82E-47	Upper
063-06	0.766	0.747	0.84	13	1990	1.07	1.08E-05	Lower
063-06	0.932	0.346	0.96	14	1990	0.32	6.17E-10	Middle
063-06	1.000	0.092	0.97	20	1990	0.44	7.26E-15	Upper
065-06	0.790	0.474	0.89	40	1992	1.59	5.43E-20	Lower
065-06	0.727	0.337	0.83	44	1992	2.64	1.27E-17	Middle
065-06	0.686	0.209	0.80	46	1992	2.81	3.46E-17	Upper
066-01	0.956	0.487	0.98	64	1989	0.64	1.09E-56	Lower
066-01	0.953	0.272	0.99	69	1989	0.53	5.51E-65	Middle
066-01	0.961	0.057	0.99	70	1989	0.57	3.52E-65	Upper
067-09	0.705	0.463	0.70	13	1990	2.00	3.93E-04	Lower
067-09	0.653	0.120	0.52	15	1990	4.66	2.29E-03	Middle
067-09	1.543	-1.026	0.63	18	1990	17.18	7.66E-05	Upper
082-01	0.922	0.895	0.94	41	1995	1.23	1.57E-25	Lower
082-01	0.933	0.548	0.97	41	1995	0.64	5.95E-31	Middle
082-01	0.917	0.314	0.93	45	1995	1.53	7.72E-27	Upper
090-04	0.531	0.843	0.72	225	1989	17.64	5.16E-63	Lower
090-04	0.703	0.481	0.71	228	1989	32.17	6.75E-63	Middle
090-04	0.900	0.170	0.76	231	1989	40.63	1.17E-73	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
090-05	0.831	0.646	0.95	36	1991	0.78	1.46E-23	Lower
090-05	0.815	0.453	0.96	35	1991	0.63	6.48E-24	Middle
090-05	0.792	0.213	0.92	42	1991	1.27	5.82E-24	Upper
094-01	0.811	0.830	1.00	4	1991	0.01	1.53E-03	Lower
094-01	0.923	0.695	1.00	3	1991	0.00	8.80E-03	Middle
094-01	0.855	0.700	0.94	10	1991	0.26	3.01E-06	Upper
094-02	0.477	0.759	0.69	88	1994	4.80	1.17E-23	Lower
094-02	0.485	0.547	0.76	90	1994	3.68	6.17E-29	Middle
097-01	0.680	0.499	0.93	29	1990	0.79	2.68E-17	Lower
097-01	0.811	0.277	0.91	33	1990	1.70	1.85E-17	Middle
097-01	0.871	0.068	0.92	35	1990	1.83	1.47E-19	Upper
098-03	0.629	0.709	0.85	167	1994	6.30	1.33E-69	Lower
098-03	0.591	0.458	0.88	165	1994	4.19	1.93E-77	Middle
098-03	0.514	0.144	0.65	173	1994	12.99	3.89E-41	Upper
100-01	0.833	0.243	0.91	189	1990	9.73	7.58E-99	Lower
100-01	0.857	-0.004	0.94	190	1982	6.30	7.76E-119	Middle
100-01	1.403	-0.830	0.87	198	1982	41.70	3.87E-89	Upper
100-02	0.629	0.736	0.85	95	1983	5.62	1.75E-39	Lower
100-02	0.848	0.414	0.82	94	1983	12.03	1.11E-35	Middle
100-02	0.987	0.140	0.84	101	1983	14.72	1.23E-41	Upper
100-03	0.986	0.222	0.97	72	1983	1.80	2.10E-55	Lower
100-03	0.941	0.019	1.00	73	1983	0.21	1.16E-87	Middle
100-03	0.876	-0.049	0.99	77	1983	0.35	1.24E-82	Upper
101-01	0.635	0.667	0.84	218	1982	15.45	2.33E-87	Lower
101-01	0.872	0.173	0.90	211	1981	17.12	5.40E-105	Middle
101-01	1.308	-0.444	0.78	228	1981	96.98	6.82E-77	Upper
101-02	1.298	-0.972	0.54	73	1961	132.95	1.24E-13	Middle
101-02	1.704	-1.630	0.81	76	1961	66.23	3.69E-28	Upper
103-01	0.807	0.722	0.88	59	1979	4.45	2.96E-28	Lower
103-01	0.892	0.318	0.95	58	1979	2.40	4.39E-37	Middle
103-01	1.030	-0.163	0.77	65	1979	17.59	7.54E-22	Upper
105-01	0.636	0.636	0.88	166	1994	5.78	2.94E-78	Lower
105-01	0.593	0.423	0.88	168	1994	5.01	7.17E-79	Middle
105-01	0.834	-0.025	0.63	179	1994	46.89	4.67E-40	Upper
105-02	0.577	0.647	0.71	100	1992	8.03	3.07E-28	Lower
105-02	0.617	0.325	0.83	99	1992	4.60	1.27E-38	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
105-02	0.644	0.038	0.72	110	1992	10.09	6.66E-32	Upper
105-03	0.949	0.241	0.96	33	1985	0.96	3.82E-23	Lower
105-03	0.908	-0.004	0.97	34	1985	0.56	6.73E-27	Middle
105-03	1.297	-0.720	0.87	39	1985	7.49	6.24E-18	Upper
106-01	0.478	1.012	0.77	159	1978	11.35	2.15E-51	Lower
106-01	0.781	0.468	0.78	156	1977	27.22	2.99E-53	Middle
106-01	0.879	0.162	0.78	170	1977	37.13	3.23E-57	Upper
106-02	0.922	0.430	0.93	120	1982	6.52	5.43E-70	Lower
106-02	0.913	0.095	0.90	123	1982	9.41	2.44E-62	Middle
106-02	1.207	-0.581	0.75	126	1982	51.10	3.03E-39	Upper
107-01	0.687	0.692	0.84	92	1982	6.67	6.36E-38	Lower
107-01	0.861	0.348	0.85	96	1982	9.81	5.85E-41	Middle
107-01	1.100	-0.018	0.78	98	1982	27.34	3.15E-33	Upper
107-02	0.543	0.739	0.72	162	1982	14.71	1.90E-46	Lower
107-02	0.751	0.346	0.77	166	1982	22.21	3.61E-54	Middle
107-02	1.399	-0.425	0.72	168	1982	99.76	2.17E-48	Upper
108-01	0.970	0.205	0.96	68	1978	2.90	1.49E-46	Lower
108-01	0.941	0.002	0.98	64	1978	1.34	2.40E-52	Middle
108-01	1.132	-0.453	0.73	73	1978	32.98	3.88E-22	Upper
109-01	0.772	0.635	0.91	87	1989	3.52	3.30E-47	Lower
109-01	0.806	0.482	0.92	87	1989	3.40	5.22E-49	Middle
109-01	0.896	0.291	0.92	93	1989	4.37	7.30E-53	Upper
109-03	0.766	0.586	0.88	173	1991	8.53	3.38E-82	Lower
109-03	0.805	0.401	0.91	174	1991	7.58	5.50E-90	Middle
109-03	0.862	0.237	0.90	178	1991	9.54	1.34E-89	Upper
110-01	0.528	0.827	0.75	113	1987	8.18	4.53E-35	Lower
110-01	0.705	0.468	0.73	116	1987	15.80	1.27E-34	Middle
110-01	0.817	0.126	0.75	119	1987	20.62	1.14E-36	Upper
110-02	0.899	0.290	0.99	85	1989	0.58	3.42E-81	Lower
110-02	0.986	0.086	0.99	84	1989	0.55	2.09E-84	Middle
110-02	0.928	0.020	0.99	90	1989	0.76	2.81E-83	Upper
111-01	0.475	0.660	0.62	125	1991	9.67	1.17E-27	Lower
111-01	0.382	0.422	0.56	127	1991	8.06	2.57E-24	Middle
111-02	0.873	0.410	0.91	191	1993	13.55	6.79E-103	Lower
111-02	0.884	-0.022	0.94	191	1948	9.42	7.77E-118	Middle
111-02	1.397	-1.298	0.68	203	1980	179.91	3.10E-52	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
113-01	0.881	0.453	0.95	113	1956	5.64	7.47E-72	Lower
113-01	0.984	0.098	0.98	113	1956	2.65	1.23E-94	Middle
113-01	1.089	-0.405	0.81	119	1956	37.28	1.58E-43	Upper
115-01	0.756	0.683	0.93	221	1960	12.13	1.45E-126	Lower
115-01	0.835	0.217	0.90	221	1959	21.22	6.13E-111	Middle
115-01	1.242	-0.680	0.79	230	1960	117.74	3.16E-78	Upper
115-02	1.308	-0.634	0.91	138	1954	24.31	4.85E-73	Lower
115-02	1.552	-1.328	1.00	140	1954	0.88	3.49E-182	Middle
115-02	1.453	-1.433	0.99	144	1954	1.76	2.99E-162	Upper
116-02	0.962	0.344	1.00	101	1965	0.37	4.93E-120	Lower
116-02	1.010	0.160	1.00	103	1965	0.47	2.06E-120	Middle
116-02	0.985	0.065	0.99	107	1965	0.75	1.53E-113	Upper
116-03	0.953	0.543	0.99	150	1976	0.83	2.11E-161	Lower
116-03	0.965	0.421	0.99	149	1976	0.81	9.84E-161	Middle
116-03	0.954	0.285	0.98	156	1976	2.01	4.71E-140	Upper
117-04	0.936	0.401	0.98	130	1965	2.81	5.56E-109	Lower
117-04	0.993	0.089	0.99	127	1965	1.96	9.52E-119	Middle
117-04	1.165	-0.390	0.82	136	1965	44.36	1.94E-52	Upper
118-02	0.984	0.251	0.99	113	1973	0.96	3.87E-113	Lower
118-02	0.998	0.081	1.00	115	1973	0.35	2.20E-141	Middle
118-02	0.913	-0.008	0.99	119	1973	1.03	5.59E-115	Upper
118-03	0.934	0.609	0.98	155	1984	2.04	2.13E-131	Lower
118-03	0.948	0.384	0.99	153	1984	0.91	1.12E-156	Middle
118-03	0.975	0.160	0.98	161	1984	1.92	1.13E-142	Upper
119-01	0.928	0.007	0.99	120	1964	1.02	1.62E-119	Lower
119-01	0.911	-0.107	0.96	123	1964	4.25	4.76E-86	Middle
119-01	1.573	-1.295	1.00	126	1964	1.46	1.69E-145	Upper
119-02	0.962	0.043	0.99	167	1955	1.31	1.19E-174	Lower
119-02	0.896	-0.030	1.00	165	1955	0.67	5.68E-191	Middle
119-02	1.516	-1.220	0.98	173	1955	10.13	1.29E-140	Upper
120-01	0.929	0.712	0.98	150	1986	2.21	1.73E-122	Lower
120-01	0.994	0.362	0.99	147	1986	1.19	2.29E-142	Middle
120-01	1.039	0.045	0.96	156	1986	5.22	4.87E-108	Upper
121-01	0.899	0.476	0.95	195	1991	4.97	1.43E-127	Lower
121-01	0.875	0.291	0.97	197	1991	2.93	3.89E-149	Middle
121-01	0.846	0.171	0.94	206	1990	5.34	4.52E-128	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
121-02	0.964	0.047	0.99	64	1956	0.39	3.66E-69	Lower
121-02	0.975	-0.110	0.94	67	1975	3.79	1.64E-42	Middle
121-02	1.604	-1.244	0.99	75	1956	1.46	5.84E-78	Upper
123-01	0.943	0.259	0.98	168	1981	2.58	2.99E-142	Lower
123-01	0.987	0.080	0.99	171	1977	1.17	9.37E-177	Middle
123-01	0.960	-0.018	0.96	179	1977	5.78	3.06E-124	Upper
123-02	0.930	0.249	0.97	23	1981	0.46	1.05E-17	Lower
123-02	0.908	0.005	0.97	19	1981	0.34	1.46E-14	Middle
123-02	0.846	-0.063	0.93	29	1981	1.31	8.35E-17	Upper
123-03	0.962	0.310	0.99	130	1981	1.22	5.01E-123	Lower
123-03	0.999	0.086	1.00	126	1981	0.40	3.43E-150	Middle
123-03	0.914	-0.007	0.99	136	1981	1.34	3.38E-124	Upper
123-04	0.536	0.567	0.52	19	1976	2.86	5.11E-04	Lower
123-04	0.551	0.130	0.84	19	1976	0.64	3.49E-08	Middle
123-04	0.627	-0.189	0.89	24	1976	0.66	5.58E-12	Upper
125-03	0.803	0.602	0.95	286	1982	9.78	1.44E-183	Lower
125-03	0.921	0.227	0.94	287	1982	15.13	6.56E-175	Middle
125-03	1.043	-0.248	0.78	300	1982	88.39	1.51E-98	Upper
126-02	0.915	0.088	0.96	193	1979	5.04	6.08E-140	Lower
126-02	0.856	-0.062	0.99	196	1979	1.69	7.82E-181	Middle
126-02	1.193	-0.718	0.84	199	1979	46.29	2.48E-79	Upper
126-03	0.557	0.689	0.82	186	1990	8.35	6.21E-71	Lower
126-03	0.738	0.415	0.78	189	1990	19.78	1.03E-62	Middle
126-03	0.935	0.073	0.72	192	1990	43.50	2.02E-54	Upper
127-03	0.533	0.915	0.75	42	1982	3.47	9.65E-14	Lower
127-03	0.769	0.508	0.75	39	1982	7.36	1.52E-12	Middle
127-03	1.063	0.103	0.73	48	1982	17.64	1.43E-14	Upper
127-04	0.655	0.713	0.81	120	1982	11.06	1.22E-44	Lower
127-04	0.777	0.326	0.81	117	1982	15.52	2.24E-43	Middle
127-04	1.378	-0.389	0.74	126	1982	78.15	6.82E-38	Upper
127-05	0.903	0.387	0.94	251	1977	10.93	3.32E-155	Lower
127-05	0.917	0.218	0.93	253	1976	14.25	1.34E-143	Middle
127-05	1.183	-0.354	0.85	262	1977	53.68	9.78E-110	Upper
128-02	1.216	-0.481	0.89	27	1963	5.45	2.88E-13	Lower
128-02	1.599	-1.273	1.00	26	1963	0.04	4.10E-39	Middle
128-02	1.550	-1.326	1.00	33	1963	0.16	1.06E-43	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
128-03	0.728	0.607	0.92	233	1983	8.60	1.99E-130	Lower
128-03	0.877	0.283	0.91	232	1983	15.04	2.24E-121	Middle
128-03	0.936	0.097	0.90	243	1983	18.92	9.36E-124	Upper
130-02	0.688	0.591	0.78	172	1975	22.94	1.77E-58	Lower
130-02	1.003	-0.005	0.69	172	1975	78.28	4.14E-45	Middle
130-02	1.679	-0.921	0.88	177	1975	70.34	5.19E-82	Upper
131-01	0.748	0.741	0.86	214	1992	13.41	4.88E-94	Lower
131-01	0.872	0.355	0.87	215	1992	16.46	1.19E-97	Middle
131-01	1.454	-0.578	0.82	227	1981	71.44	6.66E-87	Upper
131-04	0.666	0.855	0.84	67	1977	5.01	9.36E-28	Lower
131-04	0.881	0.469	0.85	67	1977	8.58	3.37E-28	Middle
131-04	1.021	0.178	0.85	73	1977	11.94	6.86E-31	Upper
132-07	0.764	0.680	0.92	90	1968	4.67	3.54E-49	Lower
132-07	0.871	0.413	0.95	89	1968	3.33	1.30E-59	Middle
132-07	0.947	0.193	0.94	96	1968	5.04	3.40E-60	Upper
134-02	0.873	0.627	0.92	110	1978	4.56	7.62E-62	Lower
134-02	0.891	0.350	0.98	108	1980	1.37	2.48E-87	Middle
134-02	0.990	-0.059	0.83	114	1978	15.09	1.46E-44	Upper
134-03	1.028	0.186	0.99	119	1982	1.19	9.80E-114	Lower
134-03	0.972	0.050	1.00	125	1982	0.16	1.90E-171	Middle
134-03	0.986	-0.121	0.92	125	1982	8.50	5.74E-68	Upper
134-04	0.964	0.533	0.98	159	1985	1.99	2.43E-141	Lower
134-04	0.955	0.322	0.99	162	1985	0.87	1.53E-172	Middle
134-04	0.986	0.072	0.99	164	1985	1.48	1.13E-158	Upper
135-01	0.986	0.126	0.99	122	1959	1.46	1.27E-117	Lower
135-01	0.947	0.026	1.00	123	1959	0.47	2.88E-145	Middle
135-01	1.017	-0.263	0.90	128	1959	14.69	1.25E-65	Upper
135-02	0.992	0.212	0.97	80	1985	1.59	5.39E-63	Lower
135-02	0.969	0.065	0.99	80	1985	0.46	3.55E-82	Middle
135-02	0.920	0.012	0.99	86	1985	0.67	7.02E-82	Upper
136-01	0.734	0.639	0.95	215	1964	7.12	1.42E-136	Lower
136-01	0.902	0.301	0.94	212	1964	10.92	4.47E-133	Middle
136-01	0.972	0.018	0.90	223	1964	24.78	2.25E-112	Upper
136-02	0.802	0.366	0.94	222	1964	9.78	6.81E-134	Lower
136-02	0.913	0.094	0.97	222	1982	6.73	2.55E-163	Middle
136-02	0.917	-0.033	0.95	233	1964	9.46	2.80E-156	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
137-01	0.918	0.314	0.94	241	1987	9.41	8.10E-145	Lower
137-01	0.930	0.027	0.99	247	1987	1.95	4.32E-232	Middle
137-01	0.911	-0.175	0.83	247	1987	28.56	3.25E-96	Upper
137-02	0.950	0.268	0.97	225	1978	5.03	4.95E-173	Lower
137-02	0.928	0.013	0.99	227	1978	2.46	1.58E-207	Middle
137-02	1.073	-0.394	0.87	231	1978	34.04	1.08E-101	Upper
137-03	0.993	0.150	0.99	112	1960	1.17	5.81E-112	Lower
137-03	0.975	0.055	1.00	117	1960	0.50	4.04E-136	Middle
137-03	1.064	-0.323	0.89	123	1960	17.88	2.56E-59	Upper
138-01	0.982	0.065	0.99	14	1965	0.13	7.33E-14	Lower
138-01	1.658	-1.203	0.99	15	1965	0.20	9.22E-16	Middle
138-01	1.591	-1.280	1.00	20	1965	0.15	1.74E-24	Upper
138-02	0.948	0.107	0.98	137	1961	2.33	1.22E-118	Lower
138-02	1.149	-0.504	0.89	139	1961	24.19	2.56E-66	Middle
138-02	1.506	-1.365	0.99	143	1961	4.02	1.41E-136	Upper
138-03	0.988	0.138	0.99	127	1965	1.00	1.37E-132	Lower
138-03	0.970	0.049	1.00	130	1964	0.16	4.68E-184	Middle
138-03	0.920	-0.004	0.99	138	1964	0.69	1.42E-152	Upper
138-04	0.816	0.474	0.90	115	1973	9.41	3.24E-57	Lower
138-04	0.888	0.138	0.96	115	1973	4.33	2.47E-79	Middle
138-04	0.934	-0.252	0.74	124	1973	39.57	2.97E-37	Upper
138-30	0.747	0.735	0.92	123	1974	5.49	2.66E-68	Lower
138-30	0.857	0.416	0.94	123	1974	4.81	5.62E-78	Middle
138-30	0.962	0.119	0.94	129	1974	6.89	9.47E-80	Upper
143-01	0.892	0.428	0.96	144	1987	3.03	7.18E-103	Lower
143-01	0.884	0.290	0.96	147	1988	3.08	3.09E-103	Middle
143-01	0.959	0.071	0.96	155	1988	3.73	3.18E-110	Upper
143-02	1.006	0.206	0.99	124	1983	0.92	9.90E-125	Lower
143-02	1.010	0.096	1.00	122	1983	0.16	1.48E-166	Middle
143-02	0.967	0.049	1.00	130	1983	0.45	1.16E-149	Upper
143-04	0.835	0.749	0.94	156	1979	6.85	1.65E-94	Lower
143-04	0.906	0.420	0.91	159	1979	11.89	1.43E-84	Middle
143-04	1.134	-0.045	0.81	163	1979	46.66	2.01E-59	Upper
143-05	0.756	0.805	0.92	105	1977	4.19	1.11E-58	Lower
143-05	0.766	0.627	0.91	109	1977	5.20	2.28E-57	Middle
143-05	0.943	0.255	0.89	113	1979	10.19	9.38E-55	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
146-01	0.945	0.098	0.99	72	1978	0.91	2.32E-66	Lower
146-01	0.943	0.020	1.00	71	1962	0.11	2.07E-98	Middle
146-01	0.897	0.040	0.96	81	1962	2.88	3.24E-55	Upper
149-01	0.743	0.910	0.95	41	1973	1.23	2.75E-26	Lower
149-01	0.869	0.644	0.93	41	1973	2.36	9.26E-24	Middle
149-01	0.982	0.383	0.93	47	1973	3.31	3.94E-27	Upper
149-02	0.816	0.623	0.89	55	1982	4.31	9.01E-27	Lower
149-02	0.817	0.459	0.82	55	1982	7.21	3.15E-21	Middle
149-02	0.997	-0.111	0.65	66	1982	31.12	2.43E-16	Upper
149-04	0.592	0.966	0.73	215	1986	22.35	5.87E-62	Lower
149-04	0.814	0.520	0.79	222	1986	30.97	4.68E-76	Middle
149-04	1.086	0.023	0.71	231	1986	89.39	1.20E-62	Upper
149-30	0.930	0.005	1.00	22	1943	0.03	1.07E-29	Lower
149-30	0.899	-0.029	1.00	27	1943	0.04	3.43E-36	Middle
149-30	1.345	-1.146	0.89	28	1943	7.03	3.18E-14	Upper
150-02	0.929	0.448	0.98	92	1988	1.42	8.83E-76	Lower
150-02	0.945	0.268	0.97	88	1988	1.56	1.83E-70	Middle
150-02	0.905	0.055	0.92	103	1976	5.33	1.32E-57	Upper
152-01	1.026	0.258	0.99	138	1980	1.27	4.49E-136	Lower
152-01	1.012	0.092	1.00	140	1980	0.21	6.69E-190	Middle
152-01	0.964	-0.039	0.95	144	1980	5.39	5.46E-96	Upper
153-01	0.976	0.383	0.91	90	1987	7.42	8.96E-48	Lower
153-01	1.879	-1.351	0.75	95	1987	95.43	5.44E-30	Upper
155-03	0.947	0.365	0.98	185	1988	2.46	7.83E-154	Lower
155-03	1.007	0.107	0.99	178	1988	1.01	5.51E-185	Middle
155-03	0.946	-0.019	0.94	194	1988	6.76	4.41E-122	Upper
160-01	0.971	0.359	0.99	49	1979	0.43	4.47E-47	Lower
160-01	1.044	0.133	1.00	51	1979	0.23	2.63E-58	Middle
160-01	0.988	0.068	0.99	55	1979	0.63	3.20E-50	Upper
160-02	0.950	0.368	0.99	108	1977	0.95	3.26E-104	Lower
160-02	0.991	0.176	0.99	106	1977	0.62	8.17E-114	Middle
160-02	0.972	0.055	0.99	114	1977	1.15	5.23E-108	Upper
161-09	0.538	1.098	0.77	35	1983	2.67	3.83E-12	Lower
161-09	0.683	0.728	0.73	35	1983	5.13	5.37E-11	Middle
161-09	0.959	0.360	0.80	41	1983	8.42	4.79E-15	Upper
162-01	0.869	0.394	0.97	109	1991	2.12	4.15E-81	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
162-01	0.893	0.215	0.97	114	1991	2.05	1.93E-87	Middle
162-01	0.932	-0.014	0.92	120	1974	6.35	8.80E-68	Upper
163-01	0.983	0.064	0.99	144	1958	0.75	1.81E-163	Lower
163-01	0.924	-0.001	1.00	149	1958	0.35	3.34E-191	Middle
163-01	1.323	-0.846	0.91	150	1958	25.97	1.09E-79	Upper
163-02	0.584	0.369	0.93	70	1953	2.74	5.81E-41	Lower
163-02	0.956	-0.312	0.72	71	1953	37.35	1.01E-20	Middle
163-02	1.367	-1.146	0.87	78	1953	31.70	1.74E-35	Upper
164-02	0.975	0.217	0.98	293	1990	3.79	7.52E-259	Lower
164-02	0.947	0.042	0.98	291	1981	4.42	5.22E-245	Middle
164-02	0.917	-0.100	0.90	308	1980	21.17	7.21E-157	Upper
164-03	0.984	0.315	0.97	138	1986	3.42	2.24E-101	Lower
164-03	0.944	0.024	0.98	137	1979	2.17	5.82E-112	Middle
164-03	0.874	-0.130	0.91	149	1986	7.95	1.58E-78	Upper
164-04	0.985	0.172	0.96	151	1988	4.29	2.97E-107	Lower
164-04	0.956	0.027	0.97	150	1988	3.45	1.66E-110	Middle
164-04	0.848	-0.080	0.94	161	1982	5.37	1.62E-98	Upper
165-01	0.707	0.653	0.88	120	1985	7.25	1.11E-55	Lower
165-01	0.867	0.377	0.86	115	1983	11.77	9.62E-51	Middle
165-01	0.971	0.174	0.90	128	1983	11.69	2.21E-64	Upper
165-02	0.721	0.545	0.90	145	1983	8.20	2.02E-72	Lower
165-02	0.923	0.132	0.92	140	1983	9.50	3.11E-79	Middle
165-02	1.095	-0.210	0.78	156	1976	48.45	1.61E-52	Upper
165-03	1.015	0.187	0.99	98	1973	0.94	1.19E-99	Lower
165-03	0.990	0.068	1.00	96	1973	0.05	3.37E-154	Middle
165-03	0.964	-0.054	0.95	103	1973	4.57	1.12E-69	Upper
166-03	0.717	0.594	0.87	234	1985	12.32	2.74E-106	Lower
166-03	0.844	0.299	0.92	233	1991	9.67	7.94E-132	Middle
166-03	0.927	0.102	0.92	244	1991	12.40	4.55E-136	Upper
166-04	0.963	0.043	0.99	107	1954	0.86	2.09E-111	Lower
166-04	0.898	-0.028	1.00	103	1954	0.32	9.24E-125	Middle
166-04	1.518	-1.252	0.98	113	1954	5.11	3.04E-98	Upper
166-05	0.711	1.276	0.87	92	1949	3.08	5.47E-42	Lower
166-05	0.703	1.187	0.88	96	1972	2.98	8.32E-45	Middle
166-05	0.715	1.099	0.88	96	1972	3.04	4.29E-45	Upper
167-04	0.780	0.380	0.90	185	1979	15.20	3.95E-92	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
167-04	0.928	-0.069	0.86	183	1958	29.00	4.53E-80	Middle
167-04	1.512	-1.135	0.93	195	1958	37.84	3.99E-114	Upper
168-01	0.740	0.522	0.90	173	1983	9.40	2.72E-89	Lower
168-01	0.838	0.249	0.88	171	1985	15.17	1.36E-80	Middle
168-01	1.209	-0.198	0.75	181	1985	82.09	7.98E-56	Upper
168-02	0.688	0.751	0.88	181	1984	9.86	1.74E-84	Lower
168-02	0.886	0.457	0.86	182	1984	19.49	5.45E-79	Middle
168-02	1.033	0.175	0.86	186	1984	26.38	1.20E-81	Upper
169-01	0.712	0.847	0.93	7	1995	0.17	5.30E-04	Lower
169-01	0.805	0.706	0.90	7	1995	0.30	1.07E-03	Middle
169-01	0.852	0.457	0.89	12	1995	0.59	3.84E-06	Upper
171-04	0.955	0.062	0.98	62	1960	1.02	5.83E-55	Lower
171-04	1.404	-0.884	0.93	62	1960	8.79	1.28E-36	Middle
171-04	1.523	-1.352	1.00	71	1960	0.56	3.60E-87	Upper
172-30	0.559	0.935	0.85	96	1970	6.54	4.43E-41	Lower
172-30	0.751	0.528	0.78	99	1970	19.81	1.03E-33	Middle
172-30	0.911	0.189	0.86	101	1970	17.40	5.39E-44	Upper
175-01	0.992	0.070	1.00	43	1963	0.17	1.64E-50	Lower
175-01	0.937	0.011	1.00	43	1963	0.05	5.68E-61	Middle
175-01	1.073	-0.341	0.90	49	1963	6.14	6.22E-25	Upper
175-02	0.615	0.767	0.88	227	1976	8.73	1.37E-104	Lower
175-02	0.655	0.495	0.90	227	1994	7.73	2.75E-116	Middle
175-02	0.891	0.078	0.78	241	1994	38.86	2.43E-80	Upper
176-01	0.933	0.063	0.99	227	1955	2.85	3.55E-218	Lower
176-01	1.093	-0.364	0.89	227	1962	39.46	2.97E-110	Middle
176-01	1.629	-1.392	0.96	238	1955	33.70	1.40E-162	Upper
176-03	0.694	0.638	0.95	22	1960	0.57	1.01E-14	Lower
176-03	0.911	0.294	0.92	26	1960	1.89	1.17E-14	Middle
176-03	0.944	0.060	0.96	28	1960	1.20	3.48E-19	Upper
178-01	0.971	0.380	0.97	330	1991	7.74	2.30E-248	Lower
178-01	1.018	0.106	0.99	337	1991	1.81		Middle
178-01	0.942	0.002	0.99	345	1974	2.68		Upper
179-01	0.860	0.330	0.96	105	1976	2.27	6.17E-72	Lower
179-01	0.886	0.034	0.97	105	1976	1.85	3.36E-77	Middle
179-01	1.356	-0.773	0.79	109	1976	33.88	3.27E-38	Upper
180-01	0.660	0.817	0.88	240	1979	12.74	9.02E-110	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
180-01	0.870	0.520	0.83	238	1979	31.27	7.61E-94	Middle
180-01	1.028	0.277	0.89	246	1979	27.28	2.52E-119	Upper
181-01	0.989	0.070	1.00	160	1965	0.69	8.32E-187	Lower
181-01	0.944	0.022	1.00	157	1965	0.34	7.73E-203	Middle
181-01	0.897	-0.028	0.99	166	1965	0.68	5.78E-189	Upper
182-01	0.851	0.333	0.88	264	1994	25.98	2.60E-123	Lower
182-01	0.920	0.022	0.95	263	1976	12.17	5.12E-170	Middle
182-01	1.312	-0.675	0.84	281	1977	90.59	6.85E-113	Upper
183-02	0.437	0.764	0.68	15	1953	1.54	1.45E-04	Lower
183-02	1.489	-0.676	0.75	21	1953	16.96	3.56E-07	Upper
184-01	0.594	0.946	0.86	206	1982	9.64	1.36E-88	Lower
184-01	0.741	0.614	0.78	205	1982	25.25	5.45E-69	Middle
184-01	0.983	0.276	0.81	212	1982	37.44	1.14E-78	Upper
185-02	0.573	0.860	0.82	77	1985	4.16	1.01E-29	Lower
185-02	0.793	0.555	0.80	82	1985	9.44	9.62E-30	Middle
185-02	1.011	0.280	0.88	83	1985	8.75	8.33E-39	Upper
185-03	0.575	0.831	0.84	245	1985	11.47	5.27E-99	Lower
185-03	0.800	0.516	0.80	248	1985	29.33	1.21E-88	Middle
185-03	0.982	0.227	0.85	251	1985	32.49	1.14E-103	Upper
186-01	0.857	0.523	0.95	143	1981	4.87	1.66E-92	Lower
186-01	0.964	0.171	0.96	144	1986	4.68	2.58E-101	Middle
186-01	0.914	0.052	0.95	152	1986	5.39	2.26E-100	Upper
186-04	0.996	0.235	0.98	185	1983	2.46	2.35E-163	Lower
186-04	0.955	0.035	1.00	189	1983	0.65	2.12E-218	Middle
186-04	0.949	-0.148	0.91	193	1983	12.29	4.90E-104	Upper
186-30	0.962	0.351	0.99	153	1980	0.73	1.83E-167	Lower
186-30	1.023	0.108	1.00	152	1980	0.36	2.99E-193	Middle
186-30	1.148	-0.279	0.88	159	1980	22.62	1.78E-74	Upper
188-01	0.850	0.212	0.90	10	1990	0.53	2.90E-05	Lower
188-01	0.887	0.003	0.97	7	1990	0.09	5.38E-05	Middle
188-01	1.416	-0.754	0.86	16	1990	3.36	2.32E-07	Upper
189-01	0.658	0.734	0.82	337	1982	29.31	1.83E-126	Lower
189-01	0.811	0.351	0.83	335	1982	42.17	7.22E-129	Middle
189-01	1.018	-0.045	0.74	345	1982	115.89	1.72E-101	Upper
191-01	0.879	0.394	0.95	143	1991	4.24	5.72E-91	Lower
191-01	0.949	0.174	0.94	140	1991	5.52	1.94E-85	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
191-01	0.924	0.020	0.93	148	1991	5.84	1.94E-88	Upper
191-02	0.666	0.596	0.88	168	1987	9.27	4.89E-77	Lower
191-02	0.787	0.282	0.85	168	1987	16.02	1.65E-70	Middle
191-02	0.947	-0.063	0.77	173	1987	40.88	4.43E-56	Upper
191-03	0.796	0.345	0.88	98	1975	7.65	1.94E-46	Lower
191-03	0.833	0.063	0.89	105	1975	8.08	2.86E-51	Middle
191-03	1.100	-0.484	0.69	107	1985	53.62	2.54E-28	Upper
192-02	0.896	0.170	0.94	178	1990	5.86	1.08E-107	Lower
192-02	0.885	-0.012	0.98	177	1990	1.46	4.90E-157	Middle
192-02	0.969	-0.246	0.85	184	1990	19.05	4.17E-76	Upper
193-31	0.735	0.469	0.69	39	1956	5.57	4.71E-11	Lower
193-31	0.962	-0.118	0.83	36	1995	4.32	1.41E-14	Middle
193-31	1.763	-0.976	0.96	45	1995	3.34	6.26E-33	Upper
194-07	0.861	0.287	0.90	6	1984	0.36	4.01E-03	Lower
194-07	0.890	0.296	0.93	5	1984	0.24	7.81E-03	Middle
194-07	0.803	0.223	0.89	12	1984	0.71	4.64E-06	Upper
195-01	0.989	0.159	0.98	157	1976	3.32	2.47E-132	Lower
195-01	0.957	-0.001	0.98	158	1976	2.53	4.09E-140	Middle
195-01	1.393	-0.712	0.83	162	1976	63.59	3.20E-64	Upper
195-30	0.552	0.564	0.55	37	1994	5.05	1.78E-07	Middle
195-30	0.504	0.201	0.64	45	1994	3.73	5.39E-11	Upper
197-02	0.792	0.378	0.88	23	1989	1.81	4.45E-11	Lower
197-02	0.917	0.138	0.88	28	1992	2.33	1.48E-13	Middle
197-02	1.067	-0.358	0.75	37	1978	10.19	4.68E-12	Upper
197-03	0.739	0.378	0.85	189	1976	11.25	4.02E-78	Lower
197-03	0.781	-0.023	0.89	192	1976	8.70	1.02E-92	Middle
197-03	1.554	-1.238	0.69	199	1976	126.33	1.25E-52	Upper
197-04	0.661	0.651	0.77	217	1993	21.66	1.32E-69	Lower
197-04	0.705	0.373	0.82	219	1991	17.96	3.12E-82	Middle
197-04	1.001	-0.100	0.68	226	1991	78.63	6.81E-58	Upper
197-30	1.481	-0.433	0.71	29	1961	21.27	9.13E-09	Lower
197-30	1.671	-1.169	0.98	25	1961	0.93	2.52E-22	Middle
197-30	1.452	-1.388	0.95	33	1961	2.64	1.95E-22	Upper
198-01	0.788	0.496	0.93	39	1981	1.60	1.26E-22	Lower
198-01	0.823	0.204	0.93	37	1981	1.62	2.62E-21	Middle
198-01	0.860	-0.012	0.93	45	1981	2.12	3.47E-26	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
198-04	0.471	0.787	0.74	162	1991	9.46	2.26E-48	Lower
198-04	0.631	0.494	0.73	163	1991	17.12	3.77E-48	Middle
198-04	0.826	0.188	0.79	168	1991	22.62	6.92E-58	Upper
202-01	0.717	0.646	0.89	142	1992	7.22	1.50E-69	Lower
202-01	0.875	0.330	0.89	143	1992	10.68	5.22E-70	Middle
202-01	0.927	0.099	0.89	152	1974	12.75	5.88E-75	Upper
202-02	0.945	0.357	0.83	50	1995	5.13	2.26E-20	Lower
202-02	0.969	0.106	0.87	54	1995	4.34	7.34E-25	Middle
202-02	1.304	-0.388	0.75	55	1995	18.10	1.48E-17	Upper
202-03	0.963	0.109	0.99	160	1979	1.73	8.57E-151	Lower
202-03	0.931	0.024	0.99	161	1979	0.76	2.39E-178	Middle
202-03	1.082	-0.369	0.87	171	1979	25.57	3.71E-77	Upper
203-02	0.851	0.786	0.88	19	1987	1.40	3.50E-09	Lower
203-02	0.799	0.416	0.88	16	1987	1.11	7.62E-08	Middle
203-02	0.827	0.181	0.84	25	1987	2.30	1.43E-10	Upper
203-03	0.599	0.901	0.80	22	1980	1.73	1.89E-08	Lower
203-03	0.767	0.547	0.83	22	1980	2.38	4.80E-09	Middle
203-03	0.962	0.165	0.86	28	1980	3.68	1.97E-12	Upper
205-01	0.728	0.235	0.65	220	1987	62.43	1.23E-51	Lower
205-01	0.758	-0.090	0.66	225	1958	65.68	1.58E-54	Middle
205-03	1.008	0.096	0.99	17	1988	0.07	5.98E-18	Lower
205-03	0.937	0.015	0.99	13	1988	0.05	2.19E-13	Middle
205-03	1.431	-0.906	0.86	23	1988	5.00	1.63E-10	Upper
207-03	0.690	0.352	0.85	114	1956	10.63	9.51E-48	Lower
207-03	0.752	0.127	0.85	116	1956	12.29	6.43E-49	Middle
207-03	0.766	-0.046	0.84	123	1956	15.11	1.71E-49	Upper
207-04	0.966	0.339	0.95	55	1987	1.87	3.47E-35	Lower
207-04	0.958	0.049	0.99	55	1956	0.31	4.30E-55	Middle
207-04	1.181	-0.369	0.78	59	1987	14.87	2.71E-20	Upper
207-05	0.920	0.395	0.98	24	1982	0.39	3.52E-19	Lower
207-05	0.963	0.168	0.99	28	1982	0.23	5.07E-27	Middle
207-05	0.960	0.048	0.98	30	1982	0.40	9.49E-26	Upper
207-06	1.013	0.483	1.00	11	1985	0.03	1.65E-12	Lower
207-06	1.023	0.403	1.00	7	1985	0.01	4.53E-08	Middle
207-06	1.034	0.221	0.97	17	1985	0.36	2.87E-13	Upper
208-02	0.953	0.434	0.99	186	1980	1.36	1.56E-185	Lower

$$RI = 10^{b} \cdot \left(SA\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
208-02	0.957	0.284	0.99	187	1980	1.12	1.13E-195	Middle
208-02	0.983	0.006	0.96	192	1980	6.77	1.44E-130	Upper
209-01	0.957	0.280	0.95	59	1990	1.75	1.12E-38	Lower
209-01	0.954	0.066	0.99	59	1990	0.47	2.30E-54	Middle
209-01	0.888	-0.017	0.99	65	1990	0.47	1.63E-59	Upper
209-02	0.910	0.327	0.97	84	1979	1.47	6.54E-66	Lower
209-02	0.989	0.013	0.93	81	1986	4.46	6.16E-48	Middle
209-02	1.524	-0.775	0.86	93	1986	26.66	5.57E-40	Upper
209-03	0.795	0.732	0.89	96	1986	5.81	1.64E-47	Lower
209-03	0.874	0.434	0.88	95	1986	7.71	3.04E-45	Middle
209-03	1.161	-0.059	0.76	103	1986	33.94	2.11E-33	Upper
210-03	0.598	0.595	0.74	108	1994	7.37	1.70E-32	Lower
210-03	0.571	0.348	0.85	110	1994	3.38	1.62E-46	Middle
210-03	0.561	0.120	0.73	114	1994	7.21	2.30E-33	Upper
210-04	0.907	0.532	0.98	108	1990	1.37	5.83E-87	Lower
210-04	0.896	0.361	0.98	111	1990	1.07	1.96E-95	Middle
210-04	0.836	0.218	0.95	114	1990	2.52	5.76E-75	Upper
211-01	0.990	0.524	0.99	91	1979	0.82	6.09E-92	Lower
211-01	0.979	0.346	1.00	91	1979	0.37	2.42E-106	Middle
211-01	1.096	-0.005	0.90	96	1979	12.07	5.55E-49	Upper
211-04	0.836	0.400	0.94	110	1983	3.78	7.60E-69	Lower
211-04	0.965	0.126	0.98	105	1983	1.95	2.21E-85	Middle
211-04	1.018	-0.146	0.84	131	1983	19.82	8.33E-53	Upper
211-05	0.747	0.613	0.89	8	1978	0.54	4.85E-04	Lower
211-05	0.957	0.237	0.94	12	1978	0.50	1.37E-07	Middle
211-05	0.969	0.051	0.96	14	1978	0.46	7.75E-10	Upper
211-30	0.530	1.115	0.80	120	1985	6.80	2.84E-43	Lower
211-30	0.760	0.777	0.75	116	1985	18.85	9.10E-36	Middle
211-30	1.002	0.440	0.81	128	1985	25.06	1.13E-46	Upper
211-31	0.795	0.400	0.90	62	1995	2.61	1.46E-31	Lower
211-31	0.802	0.031	0.93	60	1995	1.56	5.70E-36	Middle
211-31	1.125	-0.566	0.74	67	1995	17.39	7.93E-21	Upper
212-01	0.940	0.279	0.98	135	1979	2.16	2.23E-116	Lower
212-01	0.984	0.082	0.99	132	1979	1.02	3.68E-138	Middle
212-01	0.922	-0.002	0.98	150	1960	1.97	1.05E-132	Upper
213-01	0.630	0.218	0.68	50	1987	9.76	2.43E-13	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
213-01	0.736	-0.049	0.67	49	1987	13.26	5.70E-13	Middle
213-02	0.904	0.493	0.96	60	1976	2.21	3.66E-42	Lower
213-02	0.917	0.214	0.97	59	1976	1.72	2.90E-44	Middle
213-02	0.876	-0.014	0.98	68	1976	1.36	7.41E-55	Upper
213-03	0.895	0.270	0.96	138	1989	3.04	1.49E-95	Lower
213-03	0.916	0.024	0.97	140	1989	2.03	6.22E-111	Middle
213-03	0.806	-0.090	0.94	144	1989	4.01	9.32E-87	Upper
213-05	0.982	0.279	0.98	30	1982	0.53	2.82E-24	Lower
213-05	0.992	0.071	1.00	32	1982	0.05	3.61E-42	Middle
213-05	0.943	0.021	1.00	36	1982	0.08	9.17E-44	Upper
213-07	0.651	0.826	0.85	59	1986	3.96	2.66E-25	Lower
213-07	0.782	0.508	0.87	60	1986	4.94	1.22E-27	Middle
213-07	0.966	0.197	0.90	64	1986	6.26	4.16E-32	Upper
214-01	0.708	0.456	0.86	55	1992	2.61	1.51E-24	Lower
214-01	0.673	0.325	0.88	58	1992	1.99	5.77E-27	Middle
214-01	0.782	0.117	0.85	64	1992	4.00	1.96E-27	Upper
216-02	0.940	0.360	0.95	77	1987	2.73	1.32E-50	Lower
216-02	0.975	0.101	0.97	76	1987	1.61	3.49E-58	Middle
216-02	1.086	-0.255	0.83	91	1987	16.27	3.76E-36	Upper
216-03	0.768	0.691	0.84	21	1947	2.54	6.50E-09	Lower
216-03	1.045	0.131	1.00	19	1976	0.11	1.25E-21	Middle
216-03	1.177	-0.076	0.81	33	1976	10.24	1.36E-12	Upper
218-01	0.990	0.286	0.99	77	1979	0.59	2.77E-78	Lower
218-01	1.028	0.110	1.00	75	1979	0.12	4.70E-102	Middle
218-01	0.961	0.037	0.99	83	1979	0.80	1.71E-79	Upper
218-30	0.995	0.211	0.96	41	1982	1.18	1.05E-29	Lower
218-30	1.077	-0.134	0.91	38	1982	3.64	3.01E-20	Middle
218-30	1.689	-1.171	0.99	47	1982	0.80	2.94E-49	Upper
219-05	0.892	0.692	0.96	27	1985	0.74	1.64E-18	Lower
219-05	0.909	0.613	0.96	24	1985	0.63	3.31E-17	Middle
219-05	0.868	0.551	0.96	33	1985	0.85	1.13E-22	Upper
220-02	0.900	0.389	0.95	50	1995	1.75	2.68E-33	Lower
220-02	1.002	0.113	0.96	51	1995	1.72	7.60E-36	Middle
220-02	1.061	-0.223	0.84	60	1976	10.67	1.57E-24	Upper
220-03	0.678	1.051	0.89	39	1995	1.35	4.94E-19	Lower
220-03	0.689	0.944	0.90	39	1995	1.20	3.83E-20	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
220-03	0.706	0.844	0.91	44	1995	1.31	2.95E-23	Upper
221-30	0.950	0.452	0.99	14	1980	0.07	6.31E-15	Lower
221-30	0.931	0.317	0.99	15	1980	0.11	1.37E-13	Middle
221-30	0.950	0.110	0.98	20	1980	0.30	3.82E-17	Upper
222-02	0.946	0.074	0.99	29	1971	0.30	4.05E-28	Lower
222-02	0.919	-0.005	1.00	26	1971	0.03	9.09E-37	Middle
222-02	1.196	-0.562	0.88	34	1971	7.17	3.52E-16	Upper
222-03	0.905	0.307	0.91	203	1955	23.00	1.63E-105	Lower
222-03	0.956	0.014	0.99	201	1955	1.81	1.51E-214	Middle
222-03	1.153	-0.439	0.86	214	1955	59.78	1.11E-93	Upper
222-04	0.539	0.955	0.81	207	1986	11.67	2.00E-76	Lower
222-04	0.753	0.639	0.76	203	1977	29.94	5.76E-65	Middle
222-04	0.968	0.313	0.83	215	1977	35.37	6.32E-83	Upper
223-02	1.001	0.082	1.00	156	1959	0.77	7.49E-180	Lower
223-02	0.933	0.008	1.00	153	1959	0.46	8.56E-189	Middle
223-02	1.236	-0.626	0.90	162	1959	28.02	1.58E-81	Upper
223-03	0.658	0.769	0.85	50	1981	3.59	2.82E-21	Lower
223-03	0.768	0.465	0.83	51	1981	6.07	3.48E-20	Middle
223-03	0.990	0.156	0.80	58	1981	12.36	2.52E-21	Upper
223-30	0.892	0.807	0.82	127	1986	15.83	2.27E-48	Lower
223-30	0.972	0.391	0.96	124	1991	3.16	1.39E-89	Middle
223-30	0.997	0.219	0.96	134	1991	4.42	6.41E-91	Upper
224-02	0.728	0.664	0.91	11	1981	0.62	5.70E-06	Lower
224-02	0.819	0.299	0.88	8	1981	0.86	6.12E-04	Middle
224-02	0.973	0.172	0.91	16	1981	1.50	1.05E-08	Upper
225-01	0.782	0.611	0.93	121	1955	4.18	1.48E-70	Lower
225-01	0.836	0.420	0.93	120	1990	4.54	9.55E-72	Middle
225-01	0.876	0.262	0.91	132	1990	7.41	1.92E-70	Upper
225-02	0.871	0.630	0.93	136	1993	4.48	3.49E-80	Lower
225-02	0.917	0.357	0.98	136	1993	1.38	5.06E-116	Middle
225-02	1.021	-0.012	0.77	140	1993	25.89	5.24E-46	Upper
226-01	0.611	0.924	0.85	121	1979	7.19	2.35E-50	Lower
226-01	0.802	0.656	0.83	122	1983	13.75	3.82E-48	Middle
226-01	0.998	0.367	0.87	131	1983	17.34	3.03E-58	Upper
226-02	0.700	1.229	0.92	29	1985	0.98	2.29E-16	Lower
226-02	0.823	1.046	0.89	32	1985	2.00	7.78E-16	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
226-02	0.982	0.738	0.90	35	1985	2.95	7.46E-18	Upper
227-01	0.820	0.120	0.89	68	1974	5.82	2.75E-33	Lower
227-01	0.723	-0.185	0.83	67	1974	7.26	2.25E-26	Middle
227-01	0.687	-0.358	0.73	73	1974	12.75	4.07E-22	Upper
227-02	0.987	0.228	0.98	48	1974	1.02	1.19E-38	Lower
227-02	0.999	0.088	0.98	53	1974	0.77	3.73E-47	Middle
227-02	0.955	0.043	0.97	54	1974	1.21	3.15E-42	Upper
227-04	0.784	0.427	0.90	247	1993	14.94	5.98E-126	Lower
227-04	0.875	0.174	0.88	250	1988	23.92	1.14E-114	Middle
227-04	1.577	-0.949	0.91	267	1950	56.01	4.48E-142	Upper
228-07	0.939	0.478	0.94	48	1993	2.41	1.02E-29	Lower
228-07	1.019	0.191	0.97	46	1982	1.41	1.81E-34	Middle
228-07	0.992	0.075	0.97	58	1982	1.43	1.42E-44	Upper
229-01	0.551	0.781	0.82	69	1980	3.81	1.23E-26	Lower
229-01	0.781	0.452	0.78	69	1980	10.20	9.04E-24	Middle
229-01	1.041	0.122	0.74	75	1980	23.85	8.67E-23	Upper
229-03	0.692	0.275	0.64	118	1985	23.28	3.50E-27	Lower
229-03	0.648	0.103	0.58	116	1985	25.09	1.70E-23	Middle
229-04	0.728	0.740	0.91	120	1994	3.39	8.76E-63	Lower
229-04	0.838	0.556	0.89	124	1994	5.26	2.35E-61	Middle
229-04	0.964	0.342	0.89	126	1994	7.68	1.30E-60	Upper
230-01	0.691	0.910	0.89	162	1983	7.74	9.35E-80	Lower
230-01	0.879	0.518	0.92	165	1979	8.92	9.19E-93	Middle
230-01	0.975	0.182	0.91	172	1979	14.31	6.53E-89	Upper
230-02	0.870	1.098	0.95	27	1983	0.65	2.49E-18	Lower
230-02	0.833	0.831	0.94	27	1983	0.77	5.35E-17	Middle
230-02	0.851	0.590	0.96	31	1980	0.65	1.32E-21	Upper
230-03	0.932	0.524	0.95	113	1990	4.21	8.07E-72	Lower
230-03	0.949	0.199	0.97	111	1990	2.42	1.17E-83	Middle
230-03	0.902	0.022	0.97	120	1990	2.36	5.32E-90	Upper
230-04	1.453	-1.250	0.97	132	1960	9.09	2.30E-99	Lower
230-04	1.465	-1.420	1.00	130	1960	0.34	5.81E-189	Middle
230-04	1.414	-1.476	0.99	138	1960	1.45	5.38E-157	Upper
230-05	0.669	0.286	0.87	103	1993	6.09	4.11E-46	Lower
230-05	1.017	-0.289	0.73	106	1993	33.55	2.30E-31	Middle
230-05	1.470	-0.978	0.87	114	1965	29.93	3.80E-52	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
231-01	0.976	0.056	1.00	173	1975	0.65	3.98E-202	Lower
231-01	0.934	0.011	1.00	170	1975	0.27	1.13E-227	Middle
231-01	0.941	-0.109	0.94	182	1975	8.90	6.58E-111	Upper
231-02	0.642	0.468	0.60	108	1988	19.10	5.74E-23	Lower
231-02	0.663	0.208	0.62	111	1988	19.68	9.23E-25	Middle
233-01	0.895	0.394	0.95	187	1991	5.13	2.55E-123	Lower
233-01	0.892	0.212	0.96	185	1991	4.47	2.14E-126	Middle
233-01	0.910	-0.027	0.91	192	1991	9.95	3.98E-103	Upper
235-01	0.596	0.904	0.73	90	1995	8.87	1.12E-26	Lower
235-01	0.630	0.653	0.65	89	1995	13.77	1.88E-21	Middle
235-01	0.821	0.259	0.63	100	1995	28.61	4.50E-23	Upper
236-01	0.848	0.523	0.90	48	1977	3.21	5.73E-25	Lower
236-01	0.924	0.176	0.97	47	1977	1.21	1.55E-35	Middle
236-01	1.013	-0.179	0.82	54	1977	10.31	4.55E-21	Upper
236-02	0.845	0.742	0.96	24	1991	0.37	1.80E-17	Lower
236-02	0.886	0.550	0.98	27	1991	0.33	9.82E-22	Middle
236-02	0.809	0.184	0.88	30	1991	1.61	2.87E-14	Upper
237-02	1.022	0.194	0.98	108	1988	1.56	6.41E-91	Lower
237-02	0.966	0.059	0.99	110	1988	0.42	2.97E-121	Middle
237-02	0.890	-0.019	0.98	114	1988	1.29	2.53E-95	Upper
238-03	0.774	0.676	0.88	208	1984	14.36	2.64E-98	Lower
238-03	0.911	0.367	0.88	207	1983	20.25	1.20E-96	Middle
238-03	1.029	0.086	0.86	215	1983	31.80	1.52E-93	Upper
239-01	0.867	0.301	0.96	151	1989	2.80	1.71E-108	Lower
239-01	0.942	0.092	0.98	150	1989	1.66	3.33E-130	Middle
239-01	0.896	-0.004	0.98	157	1989	1.78	4.67E-131	Upper
241-01	0.889	0.370	0.96	12	1980	0.31	2.44E-08	Lower
241-01	0.997	0.084	0.99	13	1980	0.06	2.52E-13	Middle
241-01	0.966	0.047	1.00	18	1980	0.06	3.71E-20	Upper
241-02	0.680	0.735	0.83	180	1980	16.23	1.86E-69	Lower
241-02	0.841	0.381	0.84	176	1983	22.94	5.23E-70	Middle
241-02	1.151	-0.102	0.73	186	1980	85.18	8.09E-54	Upper
246-01	0.736	0.605	0.92	154	1993	4.16	1.03E-83	Lower
246-01	0.773	0.421	0.96	151	1993	2.16	4.83E-104	Middle
246-01	0.798	0.244	0.95	160	1993	2.94	1.85E-104	Upper
248-02	0.799	0.700	0.97	13	1965	0.33	1.66E-09	Lower

$$RI = 10^{b} \cdot \left(SA\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
248-02	0.754	0.494	0.84	13	1965	1.58	9.21E-06	Middle
248-02	1.009	0.032	0.75	21	1965	7.29	3.43E-07	Upper
249-01	0.919	0.189	0.93	140	1995	8.04	2.35E-80	Lower
249-01	0.935	-0.105	0.91	138	1981	10.43	2.04E-72	Middle
249-01	1.720	-1.371	0.83	154	1975	79.95	1.14E-59	Upper
252-04	0.946	0.077	0.98	141	1963	2.44	3.01E-121	Lower
252-04	0.899	-0.026	0.99	139	1963	0.71	6.37E-152	Middle
252-04	1.050	-0.421	0.88	147	1963	21.49	4.13E-69	Upper
253-03	0.952	0.367	0.90	15	1975	1.60	6.26E-08	Lower
253-03	1.047	0.033	0.97	18	1975	0.63	1.50E-13	Middle
253-03	1.561	-0.971	0.73	21	1975	19.46	8.85E-07	Upper
254-31	0.581	0.645	0.73	196	1990	16.49	5.34E-57	Lower
254-31	0.735	0.311	0.77	194	1990	20.57	1.20E-63	Middle
254-31	0.887	0.013	0.72	202	1990	40.78	1.62E-57	Upper
255-01	0.656	0.773	0.94	12	1976	0.36	1.27E-07	Lower
255-01	0.808	0.450	0.95	12	1976	0.52	7.79E-08	Middle
255-01	0.866	0.165	0.89	18	1976	1.93	5.02E-09	Upper
255-02	0.690	0.602	0.72	65	1975	10.62	2.84E-19	Lower
255-02	0.904	0.062	0.92	60	1975	4.22	2.80E-33	Middle
255-02	1.553	-0.816	0.84	77	1975	29.99	2.32E-31	Upper
255-30	0.439	0.838	0.67	21	1994	1.92	6.00E-06	Lower
255-30	0.544	0.494	0.76	27	1994	2.26	3.54E-09	Middle
255-30	1.289	-0.684	0.74	32	1956	16.91	3.43E-10	Upper
256-01	0.823	0.492	0.83	102	1986	12.64	5.24E-40	Lower
256-01	0.789	0.224	0.83	104	1986	11.98	1.27E-40	Middle
256-01	0.769	-0.208	0.64	113	1988	33.10	2.00E-26	Upper
256-02	0.837	0.593	0.90	59	1985	3.91	2.32E-30	Lower
256-02	0.865	0.367	0.87	62	1985	6.07	7.91E-28	Middle
256-02	0.926	0.119	0.80	64	1985	11.65	2.21E-23	Upper
256-07	0.847	0.632	0.94	118	1979	4.33	1.36E-74	Lower
256-07	0.940	0.360	0.98	118	1977	2.07	7.07E-98	Middle
256-07	0.989	0.083	0.92	125	1979	9.56	3.34E-68	Upper
256-08	0.646	0.224	0.77	139	1992	10.67	4.57E-45	Lower
256-08	0.578	0.033	0.75	141	1992	9.57	1.22E-43	Middle
256-09	0.449	0.660	0.62	47	1994	3.17	6.74E-11	Lower
256-09	0.411	0.463	0.65	43	1994	2.08	6.84E-11	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-10	0.743	0.345	0.89	79	1986	4.13	2.37E-38	Lower
256-10	0.872	-0.021	0.96	80	1986	1.78	4.05E-57	Middle
256-10	1.352	-0.942	0.69	88	1986	52.53	1.23E-23	Upper
256-11	0.626	0.460	0.85	24	1966	0.94	1.22E-10	Lower
256-11	0.620	0.250	0.88	24	1966	0.73	1.66E-11	Middle
256-11	1.030	-0.363	0.70	29	1966	7.65	1.65E-08	Upper
256-12	0.869	0.788	0.97	79	1983	1.63	2.14E-60	Lower
256-12	0.990	0.526	0.98	77	1983	1.53	2.95E-63	Middle
256-12	1.268	-0.110	0.78	85	1983	34.50	1.13E-28	Upper
256-31	0.711	0.538	0.85	44	1992	2.25	3.54E-19	Lower
256-31	0.772	0.227	0.94	44	1992	0.96	8.41E-27	Middle
256-31	0.784	0.003	0.91	50	1992	1.73	4.43E-27	Upper
256-32	0.987	0.259	0.99	46	1982	0.41	2.57E-44	Lower
256-32	1.018	0.104	1.00	48	1982	0.08	8.62E-64	Middle
256-32	0.972	0.055	1.00	52	1982	0.19	2.41E-59	Upper
257-01	0.572	0.316	0.66	51	1978	4.91	3.22E-13	Lower
257-01	0.559	-0.155	0.77	52	1978	2.87	9.89E-18	Middle
257-01	1.294	-1.342	0.67	56	1978	26.68	1.19E-14	Upper
257-02	0.772	0.344	0.88	116	1986	7.68	1.27E-53	Lower
257-02	0.818	0.032	0.83	118	1986	11.84	4.75E-47	Middle
257-02	0.830	-0.330	0.64	126	1980	38.27	6.43E-29	Upper
257-03	0.556	0.419	0.54	62	1986	16.97	1.02E-11	Lower
257-03	0.663	0.104	0.61	60	1986	17.56	2.09E-13	Middle
258-01	0.855	0.268	0.88	113	1995	9.16	3.58E-52	Lower
258-01	1.599	-0.970	0.92	118	1981	18.74	8.34E-67	Middle
258-01	1.553	-1.195	0.95	125	1981	10.75	1.47E-84	Upper
258-02	0.657	0.619	0.98	7	1971	0.05	1.83E-05	Lower
258-02	0.927	0.155	0.99	7	1971	0.11	7.19E-06	Middle
258-02	1.236	-0.272	0.78	16	1971	5.00	6.65E-06	Upper
258-31	0.716	0.260	0.88	54	1995	3.50	3.69E-25	Lower
258-31	0.715	0.095	0.83	60	1995	5.42	7.13E-24	Middle
258-31	0.767	-0.196	0.76	69	1995	10.59	3.24E-22	Upper
260-09	0.564	0.752	0.82	180	1995	9.86	1.69E-67	Lower
260-09	0.877	0.269	0.85	183	1995	18.70	1.12E-76	Middle
260-09	0.959	0.058	0.81	190	1982	30.40	3.16E-70	Upper
260-10	0.487	0.566	0.75	151	1994	6.54	1.74E-46	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
260-10	0.498	0.412	0.78	152	1994	5.78	1.86E-50	Middle
260-10	0.476	0.222	0.69	157	1994	8.48	9.84E-42	Upper
260-11	0.476	0.534	0.72	96	1994	4.62	2.13E-27	Lower
260-11	0.477	0.360	0.74	99	1994	4.32	7.46E-30	Middle
260-11	0.423	0.171	0.60	102	1994	6.50	1.34E-21	Upper
261-06	0.811	0.676	0.91	32	1993	1.19	2.81E-17	Lower
261-06	0.745	0.415	0.89	32	1993	1.14	5.08E-16	Middle
261-06	0.781	0.208	0.92	38	1993	1.20	4.77E-21	Upper
262-01	0.524	0.792	0.64	60	1994	5.25	2.57E-14	Lower
262-01	0.590	0.502	0.83	60	1994	2.31	2.49E-24	Middle
262-01	0.602	0.293	0.78	67	1994	3.77	5.69E-23	Upper
263-07	0.847	0.278	0.96	138	1968	5.75	2.16E-95	Lower
263-07	0.880	0.004	0.99	139	1968	1.37	7.75E-140	Middle
263-07	1.500	-1.123	0.88	144	1968	60.24	3.55E-66	Upper
264-01	0.813	0.278	0.95	79	1960	3.33	1.75E-52	Lower
264-01	1.104	-0.289	0.82	79	1960	26.96	3.19E-30	Middle
264-01	1.556	-1.099	0.92	88	1960	21.79	4.21E-50	Upper
264-02	1.156	-0.299	0.90	65	1960	9.29	8.57E-34	Lower
264-02	1.634	-1.235	1.00	60	1960	0.34	2.37E-79	Middle
264-02	1.570	-1.302	1.00	71	1960	0.69	8.40E-85	Upper
264-03	0.961	0.466	0.99	67	1986	0.54	2.87E-64	Lower
264-03	0.941	0.331	0.99	66	1986	0.35	6.39E-68	Middle
264-03	0.941	0.149	0.98	73	1986	0.92	1.22E-62	Upper
264-04	0.920	0.376	0.93	89	1976	5.54	7.67E-52	Lower
264-04	0.992	0.128	0.93	89	1981	6.46	4.68E-52	Middle
264-04	1.577	-0.674	0.86	96	1981	35.78	1.20E-42	Upper
266-01	0.514	0.770	0.69	154	1978	14.86	2.52E-40	Lower
266-01	0.739	0.323	0.75	151	1992	21.49	3.22E-47	Middle
266-01	0.994	-0.223	0.63	173	1978	79.51	8.18E-39	Upper
269-01	0.948	0.302	0.89	115	1990	7.60	5.24E-57	Lower
269-01	0.908	0.020	0.96	113	1990	2.40	5.16E-79	Middle
269-01	1.032	-0.304	0.80	121	1990	20.14	2.42E-43	Upper
269-09	0.895	0.220	0.94	137	1957	6.22	4.96E-85	Lower
269-09	0.892	-0.024	0.97	137	1957	3.00	2.49E-105	Middle
269-09	1.429	-1.064	0.75	142	1957	90.03	2.15E-43	Upper
269-10	0.943	-0.019	0.94	112	1963	6.95	6.61E-68	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
269-10	1.298	-1.205	0.58	110	1963	139.14	3.92E-22	Middle
269-10	1.493	-1.750	0.75	117	1963	87.98	8.76E-37	Upper
270-03	0.865	0.523	0.96	54	1992	1.03	4.35E-37	Lower
270-03	0.885	0.339	0.98	52	1992	0.38	1.68E-46	Middle
270-03	0.921	0.171	0.97	60	1992	0.89	9.02E-46	Upper
270-04	1.064	0.024	0.68	43	1958	32.55	7.71E-12	Lower
270-04	1.509	-0.880	0.76	42	1958	45.61	7.34E-14	Middle
270-04	1.846	-1.515	0.91	49	1958	22.80	1.60E-26	Upper
271-01	0.531	0.481	0.77	123	1975	6.04	1.89E-40	Lower
271-01	0.621	0.115	0.85	125	1975	5.02	2.24E-52	Middle
271-01	1.221	-0.903	0.58	128	1975	81.73	2.97E-25	Upper
271-02	0.780	0.265	0.87	99	1966	10.11	1.82E-44	Lower
271-02	0.816	-0.036	0.87	96	1966	10.85	7.17E-43	Middle
271-02	1.290	-0.925	0.75	108	1983	65.51	1.61E-33	Upper
271-03	0.657	0.670	0.87	152	1965	12.47	9.75E-69	Lower
271-03	0.773	0.249	0.87	152	1965	18.17	3.57E-67	Middle
271-03	1.174	-0.484	0.76	158	1965	90.11	1.42E-49	Upper
273-03	0.729	0.715	0.88	151	1983	9.07	3.60E-69	Lower
273-03	0.913	0.315	0.93	158	1981	8.29	5.37E-90	Middle
273-03	0.970	0.046	0.90	163	1981	12.97	7.17E-83	Upper
274-01	0.572	0.773	0.78	229	1986	14.70	1.22E-77	Lower
274-01	0.861	0.386	0.78	230	1986	33.23	7.49E-78	Middle
274-01	1.143	-0.115	0.71	237	1986	90.82	1.09E-64	Upper
274-03	0.840	0.095	0.92	188	1952	14.10	2.06E-102	Lower
274-03	0.860	-0.215	0.81	189	1952	36.72	2.18E-70	Middle
274-03	1.440	-1.601	0.81	194	1952	109.33	2.48E-71	Upper
275-01	0.854	0.644	0.95	166	1991	4.01	7.05E-107	Lower
275-01	0.823	0.434	0.95	161	1991	3.35	4.38E-106	Middle
275-01	0.835	0.223	0.93	172	1991	5.53	2.90E-99	Upper
275-03	0.665	0.605	0.83	169	1991	13.52	2.12E-66	Lower
275-03	0.783	0.303	0.81	172	1991	20.45	4.82E-64	Middle
275-03	1.476	-0.763	0.83	180	1962	69.34	9.99E-71	Upper
276-01	0.665	0.538	0.85	113	1984	7.46	8.17E-48	Lower
276-01	0.798	0.230	0.85	117	1984	11.42	1.95E-48	Middle
276-01	1.186	-0.284	0.73	119	1984	51.89	3.08E-35	Upper
276-02	0.724	0.831	0.88	64	1980	4.50	9.00E-30	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
276-02	0.900	0.529	0.84	64	1980	9.39	3.82E-26	Middle
276-02	1.046	0.263	0.88	69	1980	9.25	4.72E-33	Upper
276-03	0.725	0.585	0.89	134	1993	8.44	2.15E-65	Lower
276-03	0.855	0.154	0.95	133	1993	4.53	4.68E-89	Middle
276-03	1.014	-0.285	0.83	145	1957	28.24	1.09E-57	Upper
276-04	0.919	0.015	0.98	107	1967	1.91	6.02E-89	Lower
276-04	1.434	-0.919	0.93	109	1967	15.71	1.64E-64	Middle
276-04	1.584	-1.281	0.99	113	1967	3.75	4.76E-105	Upper
276-05	0.981	0.149	0.93	127	1970	9.02	5.07E-75	Lower
276-05	1.138	-0.532	0.57	128	1970	126.65	4.78E-25	Middle
276-05	1.729	-1.538	0.79	136	1970	109.21	4.31E-47	Upper
278-04	0.936	0.014	0.98	35	1960	0.63	9.35E-30	Lower
278-04	1.609	-1.258	1.00	30	1960	0.35	2.02E-34	Middle
278-04	1.558	-1.313	0.99	41	1960	0.64	1.69E-44	Upper
278-05	0.851	0.898	0.96	58	1960	1.21	6.46E-40	Lower
278-05	0.850	0.754	0.97	56	1960	0.83	4.11E-42	Middle
278-05	0.856	0.583	0.96	62	1960	1.34	2.38E-42	Upper
278-06	0.882	0.370	0.94	120	1966	6.54	3.52E-75	Lower
278-06	0.982	0.118	0.96	119	1953	5.47	7.78E-84	Middle
278-06	1.018	-0.280	0.72	130	1966	59.41	3.42E-37	Upper
278-07	1.028	-0.172	0.92	84	1959	8.26	9.90E-46	Lower
278-07	1.604	-1.264	1.00	86	1959	0.71	3.03E-107	Middle
278-07	1.547	-1.325	1.00	90	1959	0.87	2.99E-107	Upper
279-01	0.939	0.562	0.98	24	1973	0.17	3.49E-21	Lower
279-01	0.925	0.287	0.97	26	1973	0.38	9.40E-20	Middle
279-01	1.230	-0.463	0.81	32	1973	6.40	2.76E-12	Upper
279-02	0.835	0.563	0.94	134	1986	4.88	5.02E-84	Lower
279-02	0.905	0.336	0.96	133	1986	3.54	1.74E-96	Middle
279-02	1.008	0.088	0.94	139	1986	7.99	6.57E-85	Upper
279-03	1.013	0.098	0.99	12	1970	0.12	6.08E-12	Lower
279-03	1.023	0.101	1.00	7	1970	0.05	5.01E-07	Middle
279-03	0.950	0.028	0.99	23	1970	0.21	1.61E-22	Upper
279-04	0.734	0.727	0.95	13	1986	0.37	1.63E-08	Lower
279-04	0.805	0.574	0.93	13	1986	0.55	1.19E-07	Middle
279-04	0.890	0.400	0.95	19	1986	0.73	1.97E-12	Upper
281-01	0.952	0.291	0.97	28	1978	0.65	1.73E-21	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
281-01	0.969	0.056	0.99	28	1978	0.27	1.55E-26	Middle
281-01	0.925	0.008	0.98	34	1978	0.43	7.74E-30	Upper
281-02	1.034	0.204	0.98	38	1972	0.67	1.75E-33	Lower
281-02	1.012	0.091	0.99	34	1972	0.46	2.91E-31	Middle
281-02	1.205	-0.447	0.87	44	1972	8.69	1.52E-20	Upper
281-03	0.594	0.627	0.91	262	1950	12.64	1.61E-135	Lower
281-03	0.711	0.270	0.88	264	1950	23.19	1.58E-124	Middle
281-03	1.331	-0.759	0.80	270	1950	152.45	5.24E-97	Upper
281-04	1.187	-0.351	0.89	225	1965	38.49	4.38E-108	Lower
281-04	1.621	-1.251	0.99	224	1965	4.93	2.05E-231	Middle
281-04	1.483	-1.401	0.96	231	1965	19.11	2.86E-165	Upper
282-30	0.584	0.743	0.85	21	1947	1.82	3.76E-09	Lower
282-30	0.700	0.356	0.84	22	1947	2.91	2.83E-09	Middle
282-30	1.344	-0.645	0.76	27	1947	21.22	3.64E-09	Upper
282-31	0.894	0.558	0.91	35	1995	1.65	5.21E-19	Lower
282-31	1.000	-0.038	0.81	35	1995	5.02	1.64E-13	Middle
282-31	1.592	-1.410	0.72	40	1995	23.85	4.24E-12	Upper
283-05	0.874	0.520	0.90	7	1995	0.41	1.22E-03	Upper
283-30	0.827	0.830	0.93	8	1987	0.23	1.27E-04	Lower
283-30	0.904	0.696	0.97	9	1987	0.22	2.31E-06	Middle
283-30	0.908	0.604	0.95	14	1987	0.34	2.38E-09	Upper
284-01	0.650	0.291	0.74	43	1984	3.46	1.14E-13	Lower
284-01	0.578	0.135	0.67	41	1984	3.18	5.72E-11	Middle
284-01	0.562	-0.062	0.61	49	1984	5.66	3.25E-11	Upper
284-02	0.720	0.934	0.91	22	1981	1.05	6.44E-12	Lower
284-02	0.782	0.824	0.91	24	1981	1.23	3.20E-13	Middle
284-02	1.044	0.530	0.91	27	1981	2.59	1.01E-14	Upper
284-30	0.883	0.637	0.98	93	1982	1.59	1.42E-75	Lower
284-30	0.956	0.459	0.98	92	1982	1.61	1.33E-77	Middle
284-30	0.992	0.328	0.98	98	1982	2.06	4.65E-80	Upper
286-01	0.848	0.814	0.95	106	1962	2.77	1.01E-67	Lower
286-01	0.846	0.629	0.96	105	1962	1.87	2.64E-75	Middle
286-01	0.850	0.485	0.96	110	1962	2.19	1.91E-76	Upper
287-05	0.953	0.191	0.98	91	1966	1.55	1.91E-79	Lower
287-05	0.967	0.054	0.99	90	1966	0.68	8.26E-94	Middle
287-05	0.960	-0.074	0.95	100	1958	4.90	2.93E-65	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
288-02	0.973	0.134	0.99	156	1956	2.11	2.05E-146	Lower
288-02	0.948	0.029	0.99	158	1956	1.34	9.45E-162	Middle
288-02	0.983	-0.220	0.91	162	1956	15.98	2.22E-86	Upper
289-02	0.705	0.619	0.91	171	1962	10.66	4.45E-89	Lower
289-02	0.926	0.163	0.92	174	1962	15.96	4.57E-96	Middle
289-02	0.880	0.106	0.92	179	1962	15.02	7.74E-98	Upper
290-01	0.794	0.769	0.95	177	1957	7.09	1.42E-112	Lower
290-01	0.945	0.443	0.95	180	1957	9.66	7.87E-117	Middle
290-01	1.014	0.122	0.95	186	1957	11.04	1.53E-121	Upper
290-02	0.516	0.997	0.77	93	1986	6.02	1.83E-30	Lower
290-02	0.681	0.703	0.74	96	1986	12.25	1.41E-29	Middle
290-02	0.877	0.437	0.80	99	1986	14.63	4.31E-36	Upper
291-01	0.690	0.632	0.80	30	1995	1.55	2.06E-11	Lower
291-01	0.699	0.387	0.92	27	1995	0.46	4.16E-15	Middle
291-01	0.704	0.267	0.91	35	1995	0.84	1.58E-18	Upper
291-02	0.549	0.841	0.82	269	1994	7.92	9.29E-101	Lower
291-02	0.489	0.657	0.79	265	1994	7.34	6.32E-91	Middle
291-02	0.530	0.433	0.73	279	1994	12.84	3.96E-80	Upper
292-01	0.596	0.519	0.78	63	1954	6.83	7.36E-22	Lower
292-01	1.088	-0.193	0.64	63	1954	46.09	3.28E-15	Middle
292-01	1.518	-0.842	0.82	69	1954	38.56	2.43E-26	Upper
294-04	0.444	1.014	0.80	206	1962	11.97	3.07E-73	Lower
294-04	0.779	0.440	0.74	203	1962	52.16	1.67E-60	Middle
294-04	1.010	-0.016	0.66	217	1962	134.70	7.94E-52	Upper
294-05	0.912	0.226	0.96	166	1965	6.22	1.26E-112	Lower
294-05	0.952	0.043	0.96	165	1965	5.38	9.42E-120	Middle
294-05	0.931	-0.049	0.94	172	1965	8.68	9.42E-108	Upper
295-01	0.863	0.365	0.96	42	1986	0.82	2.38E-30	Lower
295-01	0.844	0.243	0.97	42	1986	0.79	4.24E-31	Middle
295-01	0.871	0.052	0.95	48	1986	1.23	2.75E-32	Upper
295-02	0.887	0.148	0.96	137	1949	4.56	9.14E-100	Lower
295-02	0.890	-0.037	0.98	140	1949	2.33	1.48E-122	Middle
295-02	1.415	-1.005	0.84	144	1951	63.16	3.28E-58	Upper
295-03	0.833	0.326	0.95	82	1989	2.07	1.73E-52	Lower
295-03	0.808	0.217	0.96	81	1989	1.31	1.93E-58	Middle
295-03	0.889	0.042	0.97	88	1989	1.52	2.41E-65	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
295-04	0.880	0.403	0.97	36	1983	0.50	3.85E-28	Lower
295-04	0.893	0.302	0.97	39	1983	0.53	7.03E-31	Middle
295-04	0.847	0.220	0.97	40	1983	0.58	2.60E-30	Upper
296-02	0.994	0.090	0.99	115	1957	0.80	5.03E-125	Lower
296-02	0.920	-0.005	1.00	116	1957	0.27	1.02E-147	Middle
296-02	1.292	-0.746	0.91	121	1957	21.00	3.82E-64	Upper
296-03	0.996	0.108	0.99	119	1974	0.80	8.46E-133	Lower
296-03	0.962	0.041	1.00	118	1954	0.17	2.34E-169	Middle
296-03	1.005	-0.157	0.93	128	1954	11.22	3.03E-74	Upper
297-02	1.000	0.084	0.99	41	1983	0.23	2.95E-43	Lower
297-02	0.944	0.027	1.00	37	1983	0.07	7.20E-46	Middle
297-02	1.085	-0.321	0.87	47	1983	6.41	2.68E-21	Upper
297-03	1.162	-0.437	0.90	155	1958	24.82	5.10E-77	Lower
297-03	1.550	-1.329	1.00	156	1958	0.66	2.63E-214	Middle
297-03	1.428	-1.460	0.99	161	1958	2.87	1.47E-166	Upper
298-02	0.854	0.562	0.96	199	1978	5.43	3.27E-143	Lower
298-02	0.906	0.344	0.98	199	1978	3.17	4.21E-170	Middle
298-02	0.988	0.098	0.96	205	1978	7.90	6.77E-145	Upper
299-02	0.643	0.687	0.90	214	1988	11.32	3.36E-108	Lower
299-02	0.886	0.198	0.92	212	1988	15.82	2.17E-119	Middle
299-02	0.907	0.044	0.90	224	1962	22.92	9.33E-114	Upper
300-01	1.013	0.109	1.00	139	1962	0.65	8.87E-163	Lower
300-01	0.968	0.048	1.00	141	1962	0.31	4.83E-184	Middle
300-01	0.970	-0.111	0.94	145	1962	8.46	2.61E-90	Upper
300-02	0.392	1.125	0.80	98	1965	5.17	5.12E-35	Lower
300-02	0.655	0.681	0.67	98	1965	27.89	5.41E-25	Middle
300-02	0.860	0.287	0.80	104	1965	25.95	3.29E-37	Upper
300-03	0.708	0.868	0.90	55	1986	2.46	4.23E-28	Lower
300-03	0.776	0.668	0.89	51	1986	3.22	9.00E-25	Middle
300-03	0.919	0.457	0.88	61	1986	5.51	8.25E-29	Upper
300-30	0.975	0.389	0.99	44	1977	0.53	3.60E-41	Lower
300-30	0.992	0.223	0.98	44	1977	0.75	5.09E-39	Middle
300-30	0.992	0.073	0.98	49	1977	1.12	8.79E-40	Upper
301-02	0.731	0.766	0.89	172	1986	8.63	4.94E-83	Lower
301-02	0.863	0.529	0.91	171	1986	10.03	1.07E-88	Middle
301-02	1.070	0.259	0.92	178	1986	12.76	1.28E-99	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
301-03	0.570	0.631	0.74	159	1986	12.93	2.61E-48	Lower
301-03	0.768	0.235	0.83	157	1986	14.04	4.65E-61	Middle
301-03	1.235	-0.288	0.71	165	1986	72.56	2.92E-46	Upper
302-01	0.797	0.448	0.86	139	1992	8.36	2.19E-61	Lower
302-01	0.813	0.180	0.87	138	1992	8.26	4.19E-62	Middle
302-01	0.813	-0.040	0.84	145	1992	10.89	7.07E-59	Upper
302-02	0.845	0.414	0.85	99	1992	7.00	4.94E-42	Lower
302-02	0.755	-0.071	0.88	98	1992	4.09	1.65E-46	Middle
302-02	0.615	-0.211	0.78	105	1992	6.37	1.22E-35	Upper
303-01	0.840	-0.053	0.96	188	1986	3.78	8.39E-133	Lower
303-01	0.778	-0.129	0.97	186	1986	2.77	1.85E-136	Middle
303-01	1.467	-1.056	0.92	194	1986	27.07	8.41E-105	Upper
303-02	0.851	0.066	0.84	58	1995	4.81	9.96E-24	Lower
303-02	1.743	-0.977	0.94	60	1995	6.60	9.64E-38	Middle
303-02	1.572	-1.534	0.70	63	1995	39.67	1.74E-17	Upper
303-03	0.427	1.138	0.80	78	1940	5.14	3.11E-28	Lower
303-03	0.651	0.721	0.66	75	1940	23.69	1.34E-18	Middle
303-03	0.834	0.315	0.71	84	1940	33.26	4.70E-24	Upper
304-01	0.545	0.914	0.79	195	1985	11.81	8.49E-67	Lower
304-01	0.782	0.544	0.76	195	1985	28.96	6.36E-61	Middle
304-01	0.966	0.223	0.82	201	1985	31.60	2.90E-75	Upper
304-02	0.908	0.002	0.98	152	1984	2.32	8.36E-123	Lower
304-02	0.869	-0.132	0.95	150	1984	4.45	2.77E-97	Middle
304-02	1.626	-1.210	0.98	158	1984	5.28	3.12E-140	Upper
305-01	0.813	0.494	0.89	113	1983	7.96	8.35E-56	Lower
305-01	0.925	0.214	0.96	116	1978	4.01	3.04E-80	Middle
305-01	0.978	-0.026	0.90	125	1978	12.03	4.11E-63	Upper
305-02	0.973	0.444	0.97	155	1979	5.26	2.47E-113	Lower
305-02	1.035	0.145	0.98	153	1979	3.87	1.55E-125	Middle
305-02	1.204	-0.274	0.84	163	1979	42.90	1.19E-66	Upper
305-03	0.764	0.495	0.86	198	1991	12.42	9.86E-85	Lower
305-03	0.787	0.235	0.91	196	1991	8.13	2.42E-101	Middle
305-03	0.813	0.013	0.88	203	1991	11.24	3.39E-96	Upper
305-30	0.959	0.220	0.99	29	1970	0.27	4.41E-28	Lower
305-30	0.987	0.069	1.00	30	1970	0.08	7.56E-38	Middle
305-30	1.010	-0.236	0.88	35	1970	4.47	8.11E-17	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
306-02	0.915	0.309	0.99	101	1988	0.76	3.60E-94	Lower
306-02	0.987	0.091	0.99	97	1988	0.59	7.79E-98	Middle
306-02	0.910	0.007	0.98	107	1988	0.98	2.71E-95	Upper
307-01	0.841	0.552	0.93	80	1966	2.55	1.28E-47	Lower
307-01	0.835	0.345	0.96	81	1966	1.64	1.21E-55	Middle
307-01	0.830	0.068	0.92	84	1966	3.02	1.51E-47	Upper
309-03	0.963	0.185	0.99	89	1958	1.09	3.60E-84	Lower
309-03	0.964	0.045	1.00	94	1958	0.38	2.94E-111	Middle
309-03	1.202	-0.577	0.89	95	1958	17.66	5.10E-46	Upper
311-01	0.570	0.722	0.83	213	1956	16.54	4.84E-84	Lower
311-01	0.892	0.149	0.75	216	1956	68.53	4.13E-66	Middle
311-01	1.539	-0.833	0.85	222	1956	113.55	2.81E-91	Upper
311-02	0.993	0.117	0.99	172	1965	1.40	7.60E-178	Lower
311-02	0.949	0.028	1.00	175	1965	0.48	1.22E-218	Middle
311-02	0.923	-0.067	0.97	178	1965	5.08	1.25E-131	Upper
313-30	0.961	0.041	0.99	134	1957	0.74	2.87E-150	Lower
313-30	0.913	-0.012	1.00	133	1957	0.42	1.07E-160	Middle
313-30	1.228	-0.672	0.90	140	1957	25.16	3.84E-70	Upper
314-01	0.994	0.121	0.99	140	1969	1.76	2.95E-133	Lower
314-01	0.947	0.031	0.99	136	1958	1.02	2.14E-141	Middle
314-01	0.949	-0.118	0.92	151	1958	11.01	4.64E-85	Upper
316-01	0.984	0.245	0.99	30	1960	0.22	3.82E-31	Lower
316-01	1.004	0.084	1.00	35	1960	0.04	2.96E-51	Middle
316-01	0.952	0.028	1.00	36	1960	0.09	3.86E-45	Upper
316-04	0.594	0.843	0.82	130	1957	10.59	3.49E-50	Lower
316-04	0.770	0.466	0.78	130	1957	23.85	7.26E-44	Middle
316-04	1.592	-0.579	0.80	136	1957	92.17	8.35E-49	Upper
316-05	1.000	0.107	1.00	72	1959	0.34	1.64E-83	Lower
316-05	0.957	0.035	1.00	73	1959	0.26	1.73E-88	Middle
316-05	1.516	-1.207	0.96	78	1959	6.65	7.75E-57	Upper
316-06	0.992	0.132	0.95	138	1959	9.32	1.45E-89	Lower
316-06	1.295	-0.938	0.60	138	1959	193.54	7.87E-29	Middle
316-06	1.604	-1.637	0.81	144	1959	111.21	1.00E-52	Upper
317-02	0.613	0.965	0.80	122	1978	9.93	1.41E-43	Lower
317-02	0.795	0.501	0.85	120	1978	11.74	1.01E-49	Middle
317-02	0.903	0.094	0.86	128	1978	14.75	1.57E-55	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
317-03	0.403	0.953	0.66	78	1957	8.24	1.15E-19	Lower
317-03	0.603	0.473	0.58	82	1957	27.38	1.27E-16	Middle
317-03	1.421	-0.677	0.73	84	1957	79.13	4.15E-25	Upper
317-04	0.980	0.080	0.99	88	1954	0.51	1.44E-98	Lower
317-04	0.934	0.010	1.00	90	1954	0.23	1.79E-114	Middle
317-04	1.278	-0.744	0.91	94	1954	16.32	1.19E-49	Upper
317-05	0.945	0.049	0.99	62	1956	0.50	4.84E-64	Lower
317-05	0.975	-0.147	0.94	59	1956	3.72	1.53E-36	Middle
317-05	1.580	-1.292	1.00	68	1956	0.40	1.17E-89	Upper
317-06	0.388	1.190	0.71	146	1959	11.14	1.25E-40	Lower
317-06	0.644	0.732	0.61	144	1959	47.69	4.68E-31	Middle
317-06	0.858	0.362	0.71	152	1959	56.93	4.74E-42	Upper
318-01	0.405	1.084	0.74	119	1959	8.48	3.75E-36	Lower
318-01	0.625	0.644	0.62	118	1959	35.11	1.98E-26	Middle
318-01	1.111	-0.093	0.64	125	1959	106.04	2.74E-29	Upper
318-02	0.998	0.095	0.99	120	1959	0.80	2.18E-131	Lower
318-02	0.943	0.020	1.00	119	1959	0.36	9.66E-148	Middle
318-02	1.234	-0.665	0.90	126	1959	22.97	4.60E-63	Upper
318-03	0.955	0.140	0.98	35	1959	0.79	1.79E-28	Lower
318-03	0.924	0.006	0.98	31	1959	0.41	7.51E-28	Middle
318-03	1.273	-0.762	0.90	41	1959	7.60	4.56E-21	Upper
318-04	1.002	0.085	1.00	129	1957	0.48	2.39E-157	Lower
318-04	0.954	0.033	1.00	131	1957	0.56	1.62E-153	Middle
318-04	1.282	-0.742	0.90	138	1960	24.42	5.98E-71	Upper
319-01	1.024	0.312	0.98	133	1980	2.27	2.20E-116	Lower
319-01	0.969	0.046	0.99	133	1980	1.28	3.46E-130	Middle
319-01	1.466	-0.913	0.92	141	1980	22.61	7.81E-79	Upper
319-04	0.423	1.117	0.76	13	1959	0.90	1.02E-04	Lower
319-04	0.603	0.750	0.67	9	1959	2.22	7.03E-03	Middle
319-04	0.951	0.239	0.63	19	1959	12.11	5.34E-05	Upper
319-05	0.472	1.008	0.77	98	1977	6.66	5.58E-32	Lower
319-05	0.705	0.592	0.70	94	1977	20.14	6.60E-26	Middle
319-05	0.868	0.281	0.77	104	1977	22.54	1.06E-34	Upper
320-01	0.839	0.464	0.89	102	1975	9.10	3.60E-50	Lower
320-01	0.946	0.037	0.99	98	1975	1.23	2.68E-92	Middle
320-01	1.502	-0.992	0.80	108	1975	63.60	9.66E-39	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
320-02	0.989	0.092	0.99	172	1957	1.11	7.81E-189	Lower
320-02	0.941	0.019	1.00	168	1957	0.56	3.70E-204	Middle
320-02	1.359	-0.931	0.93	178	1957	27.39	4.83E-101	Upper
321-01	0.837	0.736	0.94	236	1990	6.65	1.14E-143	Lower
321-01	0.843	0.498	0.96	235	1990	4.61	2.75E-160	Middle
321-01	0.838	0.203	0.92	242	1990	9.25	9.06E-133	Upper
321-02	0.996	0.165	0.99	65	1982	0.55	2.76E-63	Lower
321-02	0.944	0.025	0.99	61	1982	0.26	1.03E-66	Middle
321-02	1.057	-0.348	0.86	71	1982	9.65	1.76E-31	Upper
321-03	0.965	0.518	0.99	29	1982	0.26	2.61E-27	Lower
321-03	1.018	0.147	0.99	31	1982	0.21	3.96E-32	Middle
321-03	0.933	0.003	0.98	35	1982	0.41	9.93E-31	Upper
321-04	0.579	0.656	0.69	143	1975	18.18	9.46E-38	Lower
321-04	0.862	0.001	0.90	142	1995	10.27	1.04E-70	Middle
321-04	1.251	-0.759	0.70	151	1975	83.76	3.86E-41	Upper
322-01	0.832	0.306	0.95	66	1990	1.54	1.23E-42	Lower
322-01	0.883	0.115	0.96	65	1990	1.16	3.81E-47	Middle
322-01	0.879	0.004	0.96	72	1990	1.25	2.33E-52	Upper
323-01	0.908	0.118	0.96	153	1990	3.25	3.60E-107	Lower
323-01	0.866	-0.032	0.98	149	1990	1.08	8.72E-135	Middle
323-01	0.984	-0.339	0.81	159	1990	22.08	1.56E-58	Upper
324-02	0.829	0.423	0.93	109	1989	3.88	5.06E-63	Lower
324-02	0.851	0.258	0.94	105	1989	3.39	9.97E-64	Middle
324-02	0.829	-0.010	0.78	121	1989	14.73	2.39E-41	Upper
325-01	0.856	0.531	0.93	236	1981	13.86	1.03E-133	Lower
325-01	0.922	0.166	0.92	238	1979	17.27	2.03E-131	Middle
325-01	1.530	-0.832	0.88	245	1981	78.64	1.45E-112	Upper
326-02	0.782	0.586	0.91	82	1985	4.17	1.64E-43	Lower
326-02	0.922	0.346	0.89	81	1985	6.99	3.65E-40	Middle
326-02	1.019	0.180	0.92	87	1985	6.59	3.87E-48	Upper
328-02	0.838	0.913	0.93	108	1985	4.46	1.24E-64	Lower
328-02	0.929	0.646	0.94	108	1985	4.80	2.56E-67	Middle
328-02	1.025	0.359	0.94	113	1985	6.80	4.74E-68	Upper
328-30	0.972	0.051	1.00	71	1960	0.23	8.40E-87	Lower
328-30	0.933	0.009	1.00	69	1960	0.07	8.15E-100	Middle
328-30	1.006	-0.219	0.92	77	1960	7.04	1.98E-42	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
329-02	0.872	0.650	0.97	47	1987	0.96	3.33E-35	Lower
329-02	0.906	0.447	0.95	49	1987	1.73	4.77E-32	Middle
329-02	1.003	0.178	0.93	52	1987	3.25	4.35E-30	Upper
329-03	0.806	0.709	0.93	186	1990	6.56	5.88E-109	Lower
329-03	0.863	0.502	0.93	188	1990	7.13	3.70E-112	Middle
329-03	0.922	0.262	0.90	192	1990	12.58	7.81E-99	Upper
331-01	0.436	1.266	0.75	81	1968	5.49	1.61E-25	Lower
331-01	0.776	0.754	0.74	74	1968	16.82	7.34E-23	Middle
331-01	0.960	0.363	0.75	92	1987	29.06	8.49E-29	Upper
332-01	0.504	0.941	0.80	116	1954	9.24	1.77E-41	Lower
332-01	0.900	0.324	0.84	121	1954	22.67	8.96E-50	Middle
332-01	0.895	0.221	0.83	125	1954	25.57	1.60E-48	Upper
332-02	0.995	0.076	1.00	130	1959	0.28	1.07E-172	Lower
332-02	0.964	0.043	1.00	127	1959	0.21	1.92E-173	Middle
332-02	0.928	0.004	1.00	136	1959	0.41	1.06E-166	Upper
333-01	0.977	0.147	0.98	113	1983	1.27	3.11E-102	Lower
333-01	0.956	0.045	0.99	112	1983	0.49	6.87E-123	Middle
333-01	0.884	-0.026	0.98	119	1983	1.72	1.80E-96	Upper
333-02	0.859	0.332	0.90	84	1979	5.22	1.21E-43	Lower
333-02	0.893	-0.004	0.92	89	1979	4.70	1.56E-50	Middle
333-02	0.844	-0.307	0.70	90	1979	21.80	7.18E-25	Upper
333-03	0.789	0.745	0.94	132	1979	5.19	2.63E-82	Lower
333-03	0.872	0.494	0.95	130	1987	5.77	1.66E-83	Middle
333-03	0.982	0.192	0.94	140	1979	8.24	6.82E-88	Upper
334-01	0.529	0.842	0.80	168	1986	9.26	3.69E-60	Lower
334-01	0.688	0.601	0.77	162	1986	18.17	3.85E-53	Middle
334-01	0.840	0.364	0.81	174	1986	22.63	4.43E-64	Upper
335-02	0.961	0.091	0.99	156	1965	1.78	7.65E-148	Lower
335-02	0.919	-0.004	1.00	156	1965	0.53	9.83E-186	Middle
335-02	1.149	-0.496	0.89	162	1965	26.14	1.49E-77	Upper
337-03	0.943	0.199	0.98	63	1982	0.87	7.24E-54	Lower
337-03	0.957	0.049	0.99	62	1982	0.42	1.01E-61	Middle
337-03	0.920	0.008	0.99	69	1982	0.62	1.64E-64	Upper
337-04	1.280	-0.623	0.90	12	1955	2.15	2.01E-06	Lower
337-04	1.603	-1.273	1.00	10	1955	0.10	3.71E-11	Middle
337-04	1.550	-1.331	1.00	18	1955	0.22	6.10E-20	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
338-01	0.980	0.251	0.98	139	1977	2.19	7.87E-125	Lower
338-01	1.083	-0.116	0.78	136	1977	45.37	8.97E-46	Middle
338-01	1.407	-0.678	0.80	147	1977	73.56	5.04E-52	Upper
339-03	1.019	0.116	0.99	121	1960	0.80	2.23E-133	Lower
339-03	0.958	0.036	1.00	126	1960	0.20	9.24E-175	Middle
339-03	1.006	-0.185	0.92	127	1960	10.89	9.06E-72	Upper
340-01	0.772	0.639	0.87	83	1984	6.39	1.66E-37	Lower
340-01	0.878	0.303	0.87	79	1984	8.16	2.39E-35	Middle
340-01	1.303	-0.227	0.76	88	1984	41.14	5.27E-28	Upper
340-02	0.883	0.416	0.92	160	1978	9.81	6.18E-88	Lower
340-02	0.965	0.073	0.98	159	1970	2.89	3.83E-132	Middle
340-02	1.079	-0.317	0.83	174	1979	36.59	1.27E-67	Upper
341-01	1.008	0.214	0.99	157	1965	1.23	6.71E-165	Lower
341-01	0.991	0.071	1.00	157	1965	0.41	4.73E-199	Middle
341-01	0.935	0.010	1.00	166	1965	0.56	5.53E-198	Upper
341-02	0.981	0.145	0.99	134	1995	1.67	1.45E-127	Lower
341-02	0.976	0.046	0.99	135	1962	1.20	8.89E-137	Middle
341-02	1.022	-0.167	0.92	147	1962	13.80	5.10E-80	Upper
344-02	0.869	0.447	0.93	36	1986	1.71	2.13E-21	Lower
344-02	0.862	0.279	0.95	36	1986	1.21	2.11E-23	Middle
344-02	0.856	0.056	0.88	44	1986	3.79	9.99E-21	Upper
344-03	0.871	0.399	0.94	101	1989	3.44	1.16E-61	Lower
344-03	0.870	0.233	0.93	103	1989	4.42	5.46E-59	Middle
344-03	1.263	-0.418	0.83	112	1989	25.12	1.59E-43	Upper
345-03	0.938	0.307	0.98	130	1950	3.13	3.35E-106	Lower
345-03	0.994	0.099	0.99	128	1956	0.77	1.93E-144	Middle
345-03	0.948	0.025	0.99	139	1956	1.63	1.17E-134	Upper
345-04	0.747	0.521	0.87	125	1981	10.89	2.37E-57	Lower
345-04	0.916	0.183	0.91	122	1964	11.86	1.69E-63	Middle
345-04	1.458	-0.728	0.87	136	1964	47.44	2.65E-60	Upper
345-05	0.967	0.346	1.00	24	1964	0.04	7.48E-32	Lower
345-05	1.055	0.139	1.00	23	1964	0.04	2.80E-32	Middle
345-05	1.024	0.104	1.00	30	1964	0.06	5.61E-39	Upper
346-01	0.781	0.739	0.95	18	1964	0.61	5.64E-12	Lower
346-01	0.889	0.554	0.95	17	1964	0.72	5.13E-11	Middle
346-01	1.026	0.226	0.96	24	1964	1.07	6.00E-17	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
346-02	0.838	0.608	0.90	287	1981	20.34	3.96E-142	Lower
346-02	0.953	0.062	0.75	287	1981	74.51	1.81E-88	Middle
346-02	1.410	-0.912	0.67	295	1981	246.10	5.29E-73	Upper
347-01	0.762	0.791	0.88	95	1983	6.83	5.51E-44	Lower
347-01	0.925	0.433	0.89	91	1983	8.80	6.79E-44	Middle
347-01	1.069	0.081	0.82	100	1983	22.12	4.93E-38	Upper
348-01	0.980	0.064	0.99	16	1962	0.22	1.28E-14	Lower
348-01	0.966	0.047	0.99	11	1962	0.11	3.08E-10	Middle
348-01	0.912	-0.009	0.98	22	1962	0.33	3.90E-19	Upper
348-02	0.735	0.539	0.83	56	1981	5.72	1.75E-22	Lower
348-02	0.875	0.302	0.83	55	1981	7.83	2.88E-22	Middle
348-02	1.741	-0.608	0.84	61	1981	31.43	2.05E-25	Upper
349-01	0.852	0.421	0.94	67	1965	2.98	2.63E-42	Lower
349-01	0.954	0.100	0.97	63	1965	1.73	3.75E-49	Middle
349-01	1.181	-0.486	0.69	73	1965	46.22	9.42E-20	Upper
349-02	0.916	0.137	0.90	53	1995	3.04	9.95E-27	Lower
349-02	1.776	-0.804	0.94	50	1995	5.33	7.51E-32	Middle
349-02	1.714	-1.303	0.80	58	1995	25.25	3.59E-21	Upper
349-03	0.812	0.319	0.94	64	1965	3.62	1.56E-38	Lower
349-03	0.899	0.056	0.97	63	1965	1.95	1.01E-47	Middle
349-03	1.278	-0.631	0.85	71	1965	23.87	1.74E-30	Upper
350-01	0.989	0.281	0.99	100	1973	0.60	8.31E-108	Lower
350-01	1.024	0.108	1.00	101	1973	0.14	8.09E-142	Middle
350-01	0.961	0.041	0.99	106	1973	0.95	5.95E-104	Upper
350-02	1.022	0.185	0.99	148	1981	1.54	1.10E-140	Lower
350-02	0.976	0.055	1.00	146	1981	0.27	1.56E-188	Middle
350-02	0.992	-0.157	0.91	154	1981	11.46	5.09E-82	Upper
350-03	0.561	0.991	0.73	80	1981	8.20	6.68E-24	Lower
350-03	0.792	0.654	0.70	80	1985	19.09	5.04E-22	Middle
350-03	1.123	0.169	0.75	87	1981	32.18	3.78E-27	Upper
351-01	1.023	0.284	0.97	173	1983	3.53	4.02E-138	Lower
351-01	1.062	0.141	0.98	177	1983	2.67	1.06E-155	Middle
351-01	1.016	0.090	0.98	179	1983	2.78	1.06E-152	Upper
352-01	0.625	0.847	0.82	422	1992	21.59	1.70E-156	Lower
352-01	0.634	0.574	0.81	427	1992	22.65	2.19E-157	Middle
352-01	0.736	0.260	0.77	430	1994	41.22	2.94E-137	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
354-01	0.489	1.159	0.84	40	1973	1.95	9.49E-17	Lower
354-01	0.831	0.643	0.83	44	1973	6.78	1.53E-17	Middle
354-01	0.840	0.421	0.80	49	1973	8.82	5.17E-18	Upper
354-02	0.971	0.474	0.98	185	1975	3.71	2.13E-159	Lower
354-02	1.065	0.091	0.77	187	1975	68.85	1.02E-60	Middle
354-02	1.659	-0.971	0.81	193	1975	133.16	2.32E-71	Upper
354-30	1.008	0.279	0.99	64	1975	0.71	8.01E-61	Lower
354-30	0.970	0.040	0.99	61	1975	0.42	1.14E-62	Middle
354-30	1.152	-0.422	0.88	70	1975	10.98	4.29E-33	Upper
355-02	1.014	0.171	0.99	168	1965	1.37	5.20E-175	Lower
355-02	0.969	0.046	1.00	167	1965	0.56	1.47E-203	Middle
355-02	1.172	-0.492	0.89	174	1965	29.44	5.77E-83	Upper
355-03	0.885	0.375	0.93	154	1965	9.95	1.76E-88	Lower
355-03	0.963	0.110	0.98	153	1965	3.06	1.24E-129	Middle
355-03	0.914	0.060	0.98	163	1965	3.29	3.71E-134	Upper
357-01	0.454	0.983	0.73	162	1977	12.61	6.78E-47	Lower
357-01	0.647	0.538	0.64	163	1977	38.77	3.22E-37	Middle
357-01	1.246	-0.259	0.66	168	1977	134.23	1.26E-40	Upper
357-02	0.517	1.078	0.68	19	1987	1.87	1.33E-05	Lower
357-02	0.731	0.763	0.70	22	1987	3.69	1.29E-06	Middle
357-02	1.018	0.414	0.81	24	1987	4.54	2.47E-09	Upper
358-02	0.963	0.278	0.96	153	1985	3.85	1.81E-110	Lower
358-02	0.958	0.040	1.00	150	1985	0.43	1.32E-176	Middle
358-02	0.923	-0.136	0.91	159	1985	9.86	3.44E-83	Upper
359-01	0.963	0.221	0.99	71	1967	0.56	1.39E-72	Lower
359-01	0.987	0.071	1.00	71	1967	0.30	2.36E-82	Middle
359-01	0.946	0.026	0.99	77	1967	0.36	2.09E-86	Upper
359-02	0.572	0.922	0.83	90	1966	6.00	3.82E-36	Lower
359-02	0.757	0.534	0.79	91	1966	14.47	1.15E-31	Middle
359-02	0.966	0.068	0.74	101	1965	32.23	5.04E-31	Upper
359-05	0.987	0.176	0.99	187	1959	1.43	4.09E-197	Lower
359-05	0.986	0.067	1.00	189	1959	0.57	3.06E-237	Middle
359-05	0.946	-0.039	0.97	193	1959	5.04	8.13E-150	Upper
361-01	0.953	0.335	0.99	54	1968	0.33	1.66E-57	Lower
361-01	0.992	0.167	0.99	57	1968	0.42	6.68E-60	Middle
361-01	0.989	0.073	1.00	60	1968	0.24	4.43E-70	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
361-02	0.725	1.097	0.88	8	1973	0.37	6.14E-04	Lower
361-02	0.811	0.964	0.93	10	1973	0.34	7.99E-06	Middle
361-02	0.745	0.772	0.87	12	1973	0.65	1.14E-05	Upper
362-01	0.980	0.059	1.00	135	1945	0.39	4.37E-173	Lower
362-01	0.945	0.020	1.00	135	1945	0.11	3.08E-207	Middle
362-01	1.224	-0.596	0.91	141	1945	24.78	4.73E-73	Upper
364-02	0.915	0.665	0.98	102	1983	1.23	8.99E-88	Lower
364-02	0.927	0.534	0.99	100	1983	0.88	1.24E-93	Middle
364-02	0.925	0.409	0.98	108	1983	1.45	3.96E-91	Upper
365-01	0.853	0.885	0.96	114	1977	2.08	1.95E-81	Lower
365-01	0.867	0.746	0.97	113	1977	1.42	3.06E-90	Middle
365-01	0.888	0.540	0.97	118	1977	1.87	1.22E-89	Upper
365-02	0.971	0.114	0.99	29	1964	0.36	5.50E-27	Lower
365-02	0.940	0.021	0.99	27	1964	0.28	5.13E-26	Middle
365-02	1.127	-0.444	0.88	35	1964	5.87	7.34E-17	Upper
365-03	0.969	0.058	0.99	188	1964	1.13	2.54E-205	Lower
365-03	1.032	-0.207	0.92	188	1964	17.23	1.01E-102	Middle
365-03	1.596	-1.275	1.00	194	1964	0.95	4.57E-262	Upper
367-01	0.926	0.456	0.98	89	1986	1.53	1.80E-75	Lower
367-01	1.019	0.168	0.99	90	1986	0.98	9.51E-89	Middle
367-01	1.351	-0.506	0.72	97	1986	66.69	8.32E-28	Upper
368-02	0.915	0.223	0.97	192	1958	5.61	9.04E-149	Lower
368-02	0.937	0.017	0.98	193	1958	4.58	2.79E-160	Middle
368-02	1.120	-0.508	0.84	201	1958	56.02	1.99E-81	Upper
368-03	0.736	0.568	0.84	109	1971	7.34	5.61E-44	Lower
368-03	0.870	0.171	0.90	109	1971	5.66	2.91E-56	Middle
368-03	1.037	-0.257	0.69	119	1971	37.36	2.87E-31	Upper
369-01	0.974	0.359	0.99	5	1973	0.03	2.25E-04	Lower
369-01	0.974	0.355	0.99	9	1973	0.06	4.99E-09	Middle
369-01	1.038	0.118	0.99	11	1973	0.09	1.20E-10	Upper
369-02	0.956	0.388	0.99	65	1973	0.42	9.26E-68	Lower
369-02	0.978	0.187	0.99	68	1973	0.59	5.02E-68	Middle
369-02	0.959	0.042	0.99	71	1973	0.55	1.76E-71	Upper
370-01	0.962	0.376	0.99	129	1982	0.99	4.04E-132	Lower
370-01	0.976	0.199	0.98	135	1965	1.94	3.43E-121	Middle
370-01	1.102	-0.200	0.88	140	1965	19.94	1.41E-66	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
370-02	1.143	-0.290	0.90	136	1965	18.70	2.22E-69	Lower
370-02	1.641	-1.232	1.00	131	1965	0.43	4.82E-189	Middle
370-02	1.564	-1.314	1.00	142	1965	0.95	2.08E-180	Upper
371-01	0.722	0.275	0.85	130	1952	12.68	6.22E-54	Lower
371-01	0.768	0.067	0.85	124	1982	13.11	5.98E-53	Middle
371-01	1.113	-0.491	0.73	140	1956	67.36	1.34E-40	Upper
371-04	0.994	0.152	0.99	94	1956	0.82	2.76E-97	Lower
371-04	0.961	0.040	1.00	93	1956	0.29	1.65E-115	Middle
371-04	1.221	-0.740	0.87	100	1956	22.93	1.69E-45	Upper
372-01	0.647	0.874	0.85	95	1980	5.56	1.43E-40	Lower
372-01	0.894	0.518	0.83	97	1980	12.28	6.61E-39	Middle
372-01	0.962	0.194	0.86	103	1980	12.25	3.81E-45	Upper
372-03	0.944	0.166	0.96	217	1988	4.84	2.47E-156	Lower
372-03	0.930	0.025	0.99	211	1988	1.17	1.04E-212	Middle
372-03	0.899	-0.114	0.92	228	1988	10.72	2.60E-124	Upper
372-05	0.855	0.462	0.94	70	1992	1.86	2.87E-43	Lower
372-05	0.911	0.029	0.95	71	1992	1.71	5.96E-47	Middle
372-05	0.707	-0.193	0.83	76	1992	4.41	3.25E-30	Upper
373-01	0.848	0.768	0.96	23	1990	0.44	4.80E-16	Lower
373-01	0.927	0.536	0.98	26	1990	0.30	7.69E-22	Middle
373-01	0.898	0.350	0.97	29	1990	0.45	4.37E-22	Upper
374-01	0.880	0.406	0.98	40	1978	0.69	9.38E-33	Lower
374-01	0.987	0.110	0.99	40	1979	0.48	2.10E-38	Middle
374-01	0.962	0.039	0.99	56	1954	0.57	3.26E-52	Upper
374-02	0.835	0.232	0.95	231	1984	9.05	2.37E-147	Lower
374-02	0.874	0.041	0.95	225	1984	8.97	3.40E-147	Middle
374-02	1.536	-1.098	0.93	242	1951	39.14	8.63E-144	Upper
374-03	0.732	0.656	0.89	363	1976	23.82	9.40E-178	Lower
374-03	0.931	0.225	0.94	362	1976	18.92	1.63E-228	Middle
374-03	0.927	0.103	0.94	375	1976	20.97	1.25E-229	Upper
375-02	0.959	0.396	0.99	24	1987	0.14	9.57E-24	Lower
375-02	0.935	0.326	0.99	29	1987	0.10	7.18E-32	Middle
375-02	0.884	0.273	0.99	30	1987	0.15	6.34E-30	Upper
375-03	0.732	0.466	0.90	221	1993	6.73	8.82E-114	Lower
375-03	0.734	0.276	0.93	221	1993	5.23	3.61E-125	Middle
375-03	0.692	0.021	0.83	227	1993	11.68	1.11E-89	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
376-01	1.551	-1.253	0.99	164	1959	4.61	3.77E-159	Lower
376-01	1.527	-1.352	1.00	165	1959	0.24	1.62E-262	Middle
376-01	1.478	-1.407	1.00	174	1965	0.78	1.24E-232	Upper
378-03	0.744	0.431	0.82	108	1993	7.86	2.36E-41	Lower
378-03	0.711	0.157	0.83	111	1993	6.86	5.24E-44	Middle
378-03	0.704	-0.133	0.65	112	1993	17.91	6.94E-27	Upper
380-01	0.922	0.311	0.99	53	1985	0.31	2.49E-53	Lower
380-01	0.997	0.097	0.99	49	1985	0.32	2.42E-49	Middle
380-01	0.947	0.040	0.99	59	1985	0.49	1.47E-55	Upper
380-03	0.729	0.341	0.86	108	1993	5.26	6.91E-47	Lower
380-03	0.668	0.129	0.90	108	1993	2.82	4.09E-55	Middle
380-03	0.674	-0.063	0.82	116	1993	6.39	2.73E-44	Upper
380-04	0.533	0.874	0.90	95	1980	2.50	2.73E-48	Lower
380-04	0.824	0.356	0.83	94	1980	11.35	3.18E-37	Middle
380-04	0.853	0.136	0.77	105	1978	18.46	1.16E-34	Upper
381-01	0.763	0.134	0.81	41	1976	3.54	1.28E-15	Lower
381-01	1.490	-0.875	0.80	40	1976	14.45	1.11E-14	Middle
381-01	1.646	-1.764	0.77	46	1976	23.68	1.76E-15	Upper
382-02	0.882	0.331	0.97	88	1991	1.13	3.04E-69	Lower
382-02	0.923	0.156	0.98	86	1991	0.96	4.99E-72	Middle
382-02	0.917	0.017	0.99	94	1991	0.66	2.45E-87	Upper
382-03	0.799	0.489	0.91	93	1994	3.20	1.84E-48	Lower
382-03	0.795	0.321	0.92	95	1994	2.90	5.41E-52	Middle
382-03	0.767	0.123	0.82	99	1994	6.39	2.69E-38	Upper
382-04	0.590	0.577	0.71	130	1995	18.91	4.52E-36	Lower
382-04	0.590	0.379	0.73	141	1995	18.38	1.38E-41	Middle
382-04	0.859	-0.078	0.58	144	1995	79.03	1.50E-28	Upper
382-05	0.858	0.457	0.86	72	1988	6.07	8.07E-32	Lower
382-05	0.815	0.203	0.78	69	1988	9.70	1.32E-23	Middle
382-05	0.805	0.007	0.64	80	1988	20.09	4.89E-19	Upper
383-01	0.842	0.339	0.91	196	1990	11.13	7.73E-103	Lower
383-01	0.923	0.019	0.90	197	1986	14.59	2.55E-100	Middle
383-01	1.338	-0.585	0.75	204	1986	97.97	4.24E-62	Upper
383-02	0.593	0.373	0.81	19	1990	1.23	1.54E-07	Lower
383-02	0.723	0.130	0.77	21	1990	2.43	1.90E-07	Middle
383-02	1.507	-0.702	0.77	24	1990	12.28	1.74E-08	Upper

$$RI = 10^{b} \cdot \left(SA\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
385-01	0.840	0.289	0.94	43	1964	1.26	1.84E-26	Lower
385-01	0.779	0.191	0.94	43	1964	1.06	1.08E-26	Middle
385-01	0.784	0.052	0.91	47	1964	1.85	5.48E-25	Upper
385-02	0.918	0.109	0.96	77	1962	1.88	4.82E-53	Lower
385-02	0.844	-0.065	0.98	79	1962	0.87	2.26E-64	Middle
385-02	1.320	-0.759	0.79	81	1962	24.91	4.16E-28	Upper
386-01	0.967	0.413	0.95	145	1990	4.41	9.10E-96	Lower
386-01	1.001	0.171	0.96	152	1990	3.93	8.13E-107	Middle
386-01	0.957	0.036	0.95	156	1990	5.13	1.27E-99	Upper
386-02	1.018	0.123	0.99	89	1979	0.60	3.57E-93	Lower
386-02	0.958	0.040	1.00	85	1979	0.21	4.35E-104	Middle
386-02	0.938	-0.105	0.93	95	1979	4.78	1.23E-56	Upper
386-03	0.981	0.418	0.99	83	1981	0.44	5.54E-89	Lower
386-03	0.942	0.323	1.00	78	1981	0.17	6.12E-97	Middle
386-03	0.983	0.090	0.99	89	1981	0.71	8.89E-88	Upper
386-04	0.922	0.569	0.98	18	1981	0.20	1.27E-15	Lower
386-04	0.956	0.337	1.00	19	1981	0.04	5.69E-24	Middle
386-04	0.982	0.138	0.98	24	1981	0.30	4.60E-21	Upper
387-01	0.942	-0.175	0.89	107	1983	8.72	3.02E-52	Lower
387-01	1.653	-1.196	0.99	106	1983	1.24	1.14E-118	Middle
387-01	1.584	-1.270	0.99	113	1983	2.59	3.03E-108	Upper
389-01	0.976	0.175	0.98	139	1984	1.88	1.35E-120	Lower
389-01	0.955	0.038	0.99	141	1984	0.98	1.34E-139	Middle
389-01	0.896	-0.025	0.98	149	1984	1.42	3.00E-134	Upper
389-02	0.930	0.310	1.00	41	1976	0.15	1.27E-46	Lower
389-02	1.013	0.098	1.00	37	1976	0.10	4.52E-45	Middle
389-02	0.974	0.056	1.00	47	1976	0.14	2.32E-56	Upper
390-02	0.935	0.382	0.98	44	1977	0.68	1.71E-37	Lower
390-02	0.941	0.201	0.98	41	1977	0.60	3.93E-35	Middle
390-02	0.950	0.038	0.98	50	1977	0.65	1.14E-44	Upper
391-04	0.940	0.516	0.99	53	1980	0.25	2.94E-57	Lower
391-04	0.979	0.370	0.99	51	1980	0.23	1.13E-56	Middle
391-04	0.947	0.279	0.98	62	1980	0.88	9.44E-53	Upper
393-05	0.769	0.215	0.86	53	1969	5.30	4.14E-23	Lower
393-05	0.795	-0.023	0.83	53	1969	6.76	2.16E-21	Middle
393-05	0.936	-0.552	0.57	61	1969	39.49	1.64E-12	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
393-06	0.754	0.267	0.84	69	1964	7.57	2.36E-28	Lower
393-06	0.769	-0.075	0.85	67	1964	7.54	3.20E-28	Middle
393-06	0.989	-0.735	0.59	75	1964	51.02	9.34E-16	Upper
393-07	0.627	0.695	0.82	154	1986	10.41	6.36E-59	Lower
393-07	0.911	0.257	0.90	152	1986	11.01	6.92E-77	Middle
393-07	0.912	0.146	0.90	163	1986	11.48	3.26E-83	Upper
394-01	0.985	0.170	0.99	35	1980	0.22	2.60E-36	Lower
394-01	1.003	0.089	1.00	31	1980	0.06	7.51E-39	Middle
394-01	0.968	0.054	0.99	41	1980	0.17	6.86E-46	Upper
394-02	0.881	0.242	0.94	79	1964	2.37	1.62E-49	Lower
394-02	0.912	0.016	0.98	77	1964	0.88	2.01E-64	Middle
394-02	0.905	-0.184	0.83	83	1964	8.58	2.72E-33	Upper
396-01	0.632	0.599	0.70	93	1992	9.16	1.02E-25	Lower
396-01	0.692	0.385	0.82	94	1992	5.61	2.19E-36	Middle
396-01	0.795	0.171	0.80	98	1992	8.77	9.67E-36	Upper
396-02	0.959	0.287	0.99	148	1992	1.65	2.02E-140	Lower
396-02	1.008	0.088	1.00	150	1967	0.37	4.95E-194	Middle
396-02	0.929	0.034	0.97	156	1967	3.68	4.36E-121	Upper
396-03	0.915	0.463	0.97	149	1988	2.92	2.41E-109	Lower
396-03	0.902	0.294	0.99	148	1988	0.78	9.56E-149	Middle
396-03	0.924	0.099	0.97	155	1988	2.48	6.38E-121	Upper
396-30	0.784	0.849	0.81	41	1992	3.26	8.19E-16	Lower
396-30	0.962	0.165	0.97	41	1992	0.65	1.62E-31	Middle
396-30	0.861	-0.023	0.96	47	1992	0.83	4.94E-33	Upper
397-01	1.555	-1.130	0.96	117	1965	10.16	3.36E-85	Lower
397-01	1.522	-1.360	1.00	113	1965	0.66	2.42E-145	Middle
397-01	1.436	-1.449	0.99	123	1965	1.27	2.28E-140	Upper
397-02	0.974	0.053	0.99	78	1965	0.38	5.30E-88	Lower
397-02	0.915	-0.010	1.00	83	1965	0.16	1.07E-107	Middle
397-02	1.240	-0.658	0.90	84	1965	14.36	5.07E-42	Upper
397-03	0.642	0.627	0.78	116	1982	9.14	1.79E-39	Lower
397-03	0.710	0.309	0.82	122	1982	9.41	2.13E-46	Middle
397-03	0.762	0.013	0.70	127	1982	21.28	1.96E-34	Upper
397-04	0.780	0.613	0.90	111	1960	6.32	2.39E-57	Lower
397-04	0.860	0.294	0.92	112	1960	6.02	1.67E-62	Middle
397-04	0.922	-0.079	0.87	117	1960	13.34	1.47E-52	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
397-05	0.978	0.434	0.98	109	1960	1.55	1.30E-87	Lower
397-05	1.019	0.198	0.99	110	1992	0.90	5.97E-104	Middle
397-05	0.995	0.004	0.89	122	1992	8.42	1.88E-59	Upper
398-01	0.851	0.447	0.92	157	1982	7.72	5.12E-88	Lower
398-01	0.919	0.128	0.95	156	1982	6.17	6.72E-99	Middle
398-01	1.132	-0.463	0.66	163	1982	84.72	4.72E-40	Upper
399-01	0.875	0.334	0.96	65	1991	1.08	1.74E-47	Lower
399-01	0.834	0.257	0.97	64	1991	0.94	3.33E-47	Middle
399-01	0.821	0.115	0.94	71	1991	1.74	2.03E-44	Upper
399-02	0.829	0.536	0.98	36	1991	0.48	5.79E-30	Lower
399-02	0.919	0.339	0.96	38	1991	0.96	6.57E-27	Middle
399-02	0.985	0.133	0.98	47	1975	0.90	4.40E-38	Upper
400-30	0.889	0.525	0.98	11	1989	0.11	5.31E-09	Lower
400-30	0.954	0.339	1.00	12	1989	0.04	7.33E-13	Middle
400-30	0.948	0.237	0.98	17	1989	0.19	2.58E-14	Upper
402-03	0.778	0.359	0.92	75	1995	2.35	2.32E-41	Lower
402-03	0.751	0.192	0.95	75	1995	1.39	4.81E-48	Middle
402-03	0.813	-0.126	0.81	80	1995	7.26	1.09E-29	Upper
407-01	0.560	0.657	0.83	128	1994	4.51	4.28E-50	Lower
407-01	0.577	0.480	0.87	127	1994	3.34	3.38E-57	Middle
407-01	0.573	0.324	0.84	134	1994	4.63	6.36E-54	Upper
412-02	0.725	0.766	0.91	25	1993	0.77	2.25E-13	Lower
412-02	0.767	0.654	0.95	23	1993	0.42	3.28E-15	Middle
412-02	0.741	0.523	0.92	32	1993	0.89	1.02E-17	Upper
830-01	1.026	0.209	0.99	87	1965	0.50	1.35E-97	Lower
830-01	1.021	0.104	1.00	88	1965	0.15	3.00E-121	Middle
830-01	0.970	0.048	1.00	93	1965	0.33	1.18E-111	Upper
830-03	0.997	0.401	0.97	38	1966	1.48	6.47E-29	Lower
830-03	1.294	-0.450	0.60	38	1966	54.81	1.42E-08	Middle
830-03	1.915	-1.377	0.89	44	1966	23.82	6.85E-22	Upper
830-05	0.759	0.695	0.90	54	1972	3.75	2.10E-27	Lower
830-05	0.906	0.333	0.92	54	1972	3.84	2.48E-30	Middle
830-05	0.978	0.064	0.87	73	1958	9.41	1.56E-33	Upper
830-09	0.558	0.873	0.81	71	1954	6.84	2.50E-26	Lower
830-09	0.698	0.485	0.77	70	1954	13.10	2.88E-23	Middle
830-09	1.068	-0.165	0.70	77	1954	47.41	2.05E-21	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
830-10	0.665	0.764	0.93	41	1954	1.70	2.75E-24	Lower
830-10	0.818	0.439	0.88	39	1954	4.81	1.54E-18	Middle
830-10	0.901	0.232	0.89	47	1954	6.10	7.16E-23	Upper
830-11	1.047	0.154	1.00	74	1958	0.23	1.45E-94	Lower
830-11	1.018	0.100	1.00	75	1958	0.14	6.53E-102	Middle
830-11	0.973	0.051	1.00	80	1958	0.28	1.34E-97	Upper
830-14	0.983	0.363	1.00	25	1970	0.03	1.80E-34	Lower
830-14	0.952	0.329	1.00	29	1970	0.02	4.40E-43	Middle
830-14	1.004	0.085	0.99	30	1970	0.21	6.05E-32	Upper
830-15	0.927	0.328	0.97	20	1951	0.63	3.83E-15	Lower
830-15	0.981	0.056	0.98	21	1951	0.45	1.05E-17	Middle
830-15	1.356	-0.845	0.69	26	1951	24.29	1.59E-07	Upper
830-16	0.773	0.624	0.82	71	1982	8.14	1.03E-27	Lower
830-16	0.908	0.187	0.89	71	1982	6.33	2.54E-35	Middle
830-16	1.496	-0.594	0.81	76	1982	36.53	5.40E-28	Upper
830-17	0.786	0.520	0.94	22	1976	0.68	5.50E-14	Lower
830-17	0.816	0.291	0.90	21	1976	1.22	5.08E-11	Middle
830-17	0.777	0.058	0.83	28	1976	2.74	1.43E-11	Upper
831-03	0.997	0.079	1.00	88	1951	0.34	6.32E-107	Lower
831-03	0.963	0.042	1.00	86	1951	0.27	2.15E-106	Middle
831-03	0.965	-0.082	0.96	94	1951	4.07	1.63E-65	Upper
831-04	1.000	0.139	0.99	127	1959	1.05	2.82E-133	Lower
831-04	0.967	0.049	0.99	126	1959	0.91	3.49E-133	Middle
831-04	0.931	-0.078	0.96	133	1959	4.92	9.05E-94	Upper
831-05	0.776	0.704	0.93	188	1988	5.85	2.38E-110	Lower
831-05	0.893	0.457	0.94	191	1988	6.89	2.45E-117	Middle
831-05	0.997	0.220	0.94	193	1988	8.20	1.59E-120	Upper
831-06	0.984	0.078	1.00	136	1953	0.66	9.88E-158	Lower
831-06	0.941	0.019	0.99	136	1953	0.73	1.96E-153	Middle
831-06	0.971	-0.196	0.92	142	1953	12.81	1.05E-77	Upper
831-07	1.002	0.295	0.96	66	1978	3.14	4.56E-46	Lower
831-07	0.994	0.036	0.98	64	1978	1.22	1.71E-56	Middle
831-07	1.530	-0.944	0.89	73	1978	23.03	8.01E-36	Upper
831-08	0.936	0.042	0.98	72	1982	0.85	2.65E-63	Lower
831-08	0.876	-0.047	0.99	73	1982	0.24	1.54E-82	Middle
831-08	1.282	-0.680	0.88	78	1982	13.69	3.01E-36	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
831-12	0.957	0.463	0.98	39	1975	0.60	9.28E-34	Lower
831-12	0.985	0.168	0.99	38	1975	0.46	1.88E-34	Middle
831-12	0.953	0.029	1.00	45	1975	0.10	2.18E-56	Upper
831-13	0.773	0.524	0.90	101	1991	5.06	2.67E-50	Lower
831-13	0.803	0.283	0.92	99	1991	3.85	2.17E-55	Middle
831-13	0.873	0.028	0.90	106	1991	6.63	4.81E-53	Upper
831-14	0.556	0.641	0.82	65	1994	2.41	6.57E-25	Lower
831-14	0.529	0.491	0.83	63	1994	2.02	5.15E-25	Middle
831-14	0.517	0.259	0.72	71	1994	3.97	1.02E-20	Upper
831-15	0.998	0.117	0.99	48	1962	0.26	9.99E-54	Lower
831-15	0.970	0.049	1.00	45	1962	0.06	2.29E-63	Middle
831-15	0.933	0.008	1.00	54	1962	0.16	1.48E-65	Upper
831-16	0.898	1.021	0.97	19	1965	0.35	4.69E-14	Lower
831-16	0.897	0.535	0.84	19	1997	1.99	3.83E-08	Middle
831-16	1.812	-0.950	0.81	23	1965	11.30	4.79E-09	Upper
831-19	0.940	0.533	0.99	20	1978	0.19	7.40E-19	Lower
831-19	0.933	0.450	0.98	19	1978	0.26	1.30E-16	Middle
831-19	0.956	0.221	0.98	25	1978	0.35	5.00E-22	Upper
832-01	0.849	0.302	0.96	130	1990	2.60	4.54E-89	Lower
832-01	0.924	0.062	0.97	131	1990	2.18	6.27E-100	Middle
832-01	0.844	-0.037	0.95	136	1990	3.02	5.57E-90	Upper
832-02	0.673	0.605	0.91	140	1976	5.93	2.61E-75	Lower
832-02	0.777	0.301	0.92	139	1976	7.75	2.48E-75	Middle
832-02	1.050	-0.202	0.80	152	1967	41.82	1.12E-53	Upper
832-04	0.928	0.413	0.97	92	1970	2.31	1.63E-70	Lower
832-04	0.968	0.139	0.97	90	1970	2.23	1.71E-70	Middle
832-04	1.349	-0.449	0.77	97	1970	48.76	1.85E-32	Upper
832-05	0.711	0.620	0.86	59	1973	5.19	1.03E-25	Lower
832-05	0.944	0.176	0.70	58	1973	23.43	2.12E-16	Middle
832-05	1.784	-0.771	0.88	64	1973	28.66	3.58E-30	Upper
832-06	0.795	0.720	0.90	35	1983	2.05	2.23E-18	Lower
832-06	0.971	0.400	0.90	34	1983	3.21	1.11E-17	Middle
832-06	1.032	0.202	0.93	40	1983	2.92	4.34E-23	Upper
832-08	0.953	0.302	0.98	85	1977	1.54	3.78E-70	Lower
832-08	0.965	0.049	0.99	83	1977	0.34	6.20E-94	Middle
832-08	0.960	-0.082	0.94	91	1977	4.30	1.91E-57	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-10	0.972	0.131	0.97	244	1983	5.89	6.54E-182	Lower
832-10	0.923	0.014	0.98	243	1983	2.63	3.66E-216	Middle
832-10	1.055	-0.305	0.86	250	1983	35.18	8.89E-107	Upper
832-11	0.597	0.975	0.81	23	1988	1.36	4.86E-09	Lower
832-11	0.885	0.686	0.80	25	1988	3.42	1.36E-09	Middle
832-11	1.103	0.370	0.88	29	1988	3.28	6.77E-14	Upper
832-12	0.886	0.553	0.89	180	1993	12.42	8.49E-88	Lower
832-12	0.921	0.312	0.95	178	1980	5.31	7.63E-120	Middle
832-12	1.039	0.023	0.80	190	1993	35.73	3.02E-68	Upper
832-13	0.627	0.371	0.77	45	1963	3.01	2.02E-15	Lower
832-13	0.550	0.211	0.74	47	1963	2.99	1.18E-14	Middle
832-13	0.573	-0.040	0.68	50	1963	4.47	1.80E-13	Upper
832-14	0.730	0.581	0.94	9	1957	0.31	1.74E-05	Lower
832-14	0.943	0.520	0.91	9	1981	0.53	6.24E-05	Middle
832-14	0.940	0.142	0.94	17	1981	0.85	1.55E-10	Upper
832-15	0.996	0.318	0.98	29	1980	0.36	4.31E-26	Lower
832-15	0.989	0.074	0.99	28	1980	0.13	1.27E-30	Middle
832-15	0.937	0.018	0.99	35	1980	0.22	1.89E-35	Upper
832-17	0.983	0.458	0.98	25	1968	0.37	2.41E-22	Lower
832-17	0.956	0.258	0.98	26	1968	0.38	2.18E-22	Middle
832-17	1.057	-0.075	0.88	30	1968	4.18	1.31E-14	Upper
832-18	0.980	0.222	0.97	174	1986	3.02	5.90E-139	Lower
832-18	0.960	0.052	0.99	177	1986	0.91	1.06E-185	Middle
832-18	0.997	-0.175	0.89	180	1986	15.71	3.31E-86	Upper
832-19	0.974	0.236	0.97	117	1986	2.44	3.95E-89	Lower
832-19	0.971	0.068	0.99	114	1986	0.61	9.14E-119	Middle
832-19	0.928	0.022	0.99	123	1986	0.83	3.71E-120	Upper
832-20	0.972	0.137	0.98	144	1983	2.22	3.41E-120	Lower
832-20	0.922	0.003	0.99	145	1983	0.48	1.25E-165	Middle
832-20	1.153	-0.462	0.86	150	1983	24.60	1.95E-64	Upper
832-21	0.490	0.545	0.77	66	1994	2.49	3.02E-22	Lower
832-21	0.500	0.437	0.79	65	1994	2.31	5.11E-23	Middle
832-21	0.499	0.331	0.77	72	1994	2.79	2.45E-24	Upper
832-22	1.030	0.170	0.99	34	1978	0.41	1.33E-31	Lower
832-22	1.007	0.095	0.99	33	1979	0.28	1.53E-33	Middle
832-22	0.944	0.031	0.97	45	1978	0.85	2.01E-35	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-23	0.758	1.021	0.88	26	1972	1.23	1.15E-12	Lower
832-23	0.767	0.857	0.91	27	1972	1.01	2.24E-14	Middle
832-23	0.787	0.704	0.92	30	1972	0.97	4.62E-17	Upper
832-24	0.971	0.253	0.99	15	1964	0.11	2.61E-15	Lower
832-24	0.994	0.077	1.00	14	1964	0.05	1.05E-15	Middle
832-24	0.927	0.004	0.99	21	1964	0.17	3.89E-21	Upper
832-25	0.994	0.357	0.98	30	1978	0.55	1.02E-24	Lower
832-25	1.036	0.125	0.99	29	1978	0.26	1.37E-28	Middle
832-25	0.943	0.025	0.98	36	1978	0.40	1.50E-32	Upper
832-26	0.993	0.175	0.99	14	1959	0.18	3.59E-13	Lower
832-26	0.979	0.059	0.99	16	1959	0.11	2.45E-17	Middle
832-26	0.925	0.001	0.99	19	1959	0.12	2.47E-20	Upper
832-27	0.894	0.481	0.95	20	1964	0.91	7.62E-13	Lower
832-27	0.936	0.302	0.99	18	1964	0.26	2.48E-16	Middle
832-27	0.985	0.050	0.97	26	1964	0.64	1.33E-20	Upper
832-30	0.864	0.904	0.96	12	1988	0.27	4.54E-08	Lower
832-30	0.867	0.716	0.96	10	1988	0.24	7.79E-07	Middle
832-30	0.865	0.581	0.94	18	1988	0.55	3.04E-11	Upper
832-31	1.477	-1.070	0.96	35	1957	3.70	6.80E-24	Lower
832-31	1.545	-1.329	1.00	31	1957	0.21	1.91E-38	Middle
832-31	1.504	-1.373	1.00	41	1957	0.41	7.07E-48	Upper
832-33	0.745	0.711	0.90	26	1986	1.14	3.03E-13	Lower
832-33	0.771	0.420	0.88	25	1986	1.39	5.58E-12	Middle
832-33	0.834	0.245	0.85	36	1986	2.75	1.52E-15	Upper
832-34	0.965	0.055	0.99	6	1986	0.02	9.94E-06	Lower
832-34	0.942	0.024	1.00	9	1986	0.03	1.92E-09	Middle
832-34	1.304	-0.566	0.86	12	1986	2.31	1.45E-05	Upper
832-35	0.983	0.182	0.98	36	1986	0.40	5.36E-32	Lower
832-35	0.983	0.084	0.99	35	1986	0.31	7.14E-33	Middle
832-35	0.919	0.014	0.98	42	1986	0.46	2.42E-36	Upper
832-38	1.245	-0.653	0.89	8	1958	2.09	4.36E-04	Lower
832-38	1.593	-1.277	1.00	5	1958	0.04	6.87E-05	Middle
832-38	1.559	-1.316	1.00	14	1958	0.12	1.20E-16	Upper
832-39	0.975	0.056	0.99	10	1958	0.06	2.80E-10	Lower
832-39	0.950	0.027	1.00	10	1958	0.03	1.17E-11	Middle
832-39	0.928	0.004	1.00	15	1958	0.04	6.08E-18	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-40	2.429	-2.730	0.74	9	1958	0.01	2.77E-03	Upper
833-06	0.790	0.807	0.95	35	1980	1.06	1.19E-22	Lower
833-06	0.925	0.481	0.95	35	1980	1.43	1.61E-22	Middle
833-06	0.966	0.280	0.96	41	1980	1.44	2.85E-28	Upper
833-08	0.957	0.081	0.98	163	1987	2.49	8.31E-132	Lower
833-08	0.852	-0.055	0.98	166	1987	1.67	4.63E-141	Middle
833-08	0.893	-0.286	0.84	169	1987	17.66	1.93E-67	Upper
833-09	0.758	0.663	0.89	102	1986	5.55	1.81E-49	Lower
833-09	0.911	0.333	0.92	101	1986	5.20	5.67E-57	Middle
833-09	0.974	0.131	0.94	108	1986	4.52	3.07E-68	Upper
833-10	0.503	0.615	0.75	22	1994	1.05	2.06E-07	Lower
833-10	0.469	0.414	0.76	19	1994	0.71	1.36E-06	Middle
833-10	0.388	0.275	0.56	28	1994	1.82	4.46E-06	Upper
833-11	0.500	1.358	0.74	52	1994	2.39	1.97E-16	Lower
833-11	0.478	1.209	0.73	51	1994	2.42	2.33E-15	Middle
833-11	0.491	1.077	0.74	58	1994	2.68	7.03E-18	Upper
834-01	0.807	0.555	0.95	84	1986	2.53	9.11E-54	Lower
834-01	0.954	0.366	0.93	84	1986	4.90	1.65E-48	Middle
834-01	1.049	0.197	0.95	89	1986	4.49	6.31E-57	Upper
834-03	0.795	0.493	0.92	61	1987	2.79	1.42E-33	Lower
834-03	0.912	0.275	0.89	60	1987	4.70	6.52E-30	Middle
834-03	0.978	0.124	0.91	66	1987	5.09	1.04E-34	Upper
834-06	0.964	0.347	0.99	45	1972	0.20	1.01E-50	Lower
834-06	0.983	0.215	0.99	46	1972	0.27	1.28E-49	Middle
834-06	0.989	0.072	0.99	51	1972	0.33	2.95E-54	Upper
834-08	0.560	0.949	0.88	177	1960	10.96	1.17E-81	Lower
834-08	0.778	0.527	0.81	173	1960	35.49	4.55E-63	Middle
834-08	0.908	0.202	0.87	182	1960	31.86	2.27E-81	Upper
834-11	0.895	0.237	0.92	18	1969	1.17	3.88E-10	Lower
834-11	0.886	-0.037	0.99	17	1969	0.16	2.19E-16	Middle
834-11	1.025	-0.386	0.88	24	1969	3.31	2.08E-11	Upper
834-12	0.835	0.462	0.94	188	1992	5.02	1.70E-113	Lower
834-12	0.777	0.218	0.94	189	1992	3.91	2.60E-117	Middle
834-12	0.719	-0.097	0.81	194	1992	13.49	8.10E-71	Upper
834-13	0.787	0.662	0.97	29	1973	0.75	9.70E-22	Lower
834-13	0.902	0.397	0.97	31	1973	1.05	5.35E-23	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
834-13	1.032	0.021	0.89	35	1973	5.81	3.61E-17	Upper
834-14	0.976	0.085	1.00	56	1955	0.27	6.56E-65	Lower
834-14	0.952	0.029	1.00	55	1955	0.06	1.53E-79	Middle
834-14	0.920	-0.006	1.00	62	1955	0.11	7.69E-83	Upper
834-15	0.958	0.091	0.97	68	1982	1.32	4.51E-54	Lower
834-15	0.893	-0.032	1.00	65	1982	0.12	6.70E-81	Middle
834-15	1.156	-0.513	0.86	74	1982	12.87	2.76E-32	Upper
834-17	1.043	0.377	0.98	98	1987	1.74	4.74E-82	Lower
834-17	1.066	0.148	0.99	100	1987	0.56	4.03E-109	Middle
834-17	1.000	-0.101	0.90	103	1987	8.76	7.41E-52	Upper
834-18	0.687	0.782	0.86	26	1970	2.27	1.18E-11	Lower
834-18	0.881	0.470	0.84	28	1970	4.56	1.13E-11	Middle
834-18	1.111	0.016	0.76	31	1970	12.81	1.36E-10	Upper
834-19	0.971	0.265	0.98	29	1980	0.50	8.00E-24	Lower
834-19	0.973	0.055	1.00	27	1980	0.07	1.36E-32	Middle
834-19	0.907	-0.017	0.98	35	1980	0.51	5.32E-29	Upper
835-01	0.951	0.332	0.99	126	1965	0.56	6.54E-144	Lower
835-01	1.016	0.101	1.00	126	1965	0.46	9.37E-154	Middle
835-01	0.950	0.030	0.99	132	1965	1.02	3.36E-135	Upper
835-02	0.453	1.251	0.77	96	1966	6.64	3.46E-32	Lower
835-02	0.662	0.824	0.68	95	1966	22.93	6.26E-25	Middle
835-02	0.905	0.423	0.75	102	1966	32.15	8.11E-32	Upper
835-03	1.002	0.084	1.00	57	1947	0.16	2.26E-73	Lower
835-03	0.968	0.047	1.00	56	1947	0.10	4.11E-76	Middle
835-03	1.041	-0.240	0.91	63	1947	7.21	2.68E-34	Upper
835-04	0.999	0.167	0.99	41	1960	0.27	2.75E-44	Lower
835-04	1.004	0.086	1.00	41	1960	0.06	7.66E-57	Middle
835-04	0.950	0.029	0.99	47	1960	0.43	9.46E-47	Upper
835-05	0.990	0.248	0.99	82	1979	0.87	4.37E-77	Lower
835-05	0.966	0.051	0.99	84	1979	0.50	6.08E-88	Middle
835-05	0.947	-0.102	0.94	88	1979	4.33	2.25E-53	Upper
835-06	0.769	0.558	0.90	165	1953	11.14	5.42E-82	Lower
835-06	0.956	0.209	0.94	164	1953	9.12	1.05E-101	Middle
835-06	1.036	-0.154	0.77	175	1953	53.69	2.97E-57	Upper
835-08	0.808	0.561	0.89	82	1984	6.48	4.05E-40	Lower
835-08	0.820	0.311	0.78	78	1984	15.02	8.96E-27	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-08	0.916	-0.136	0.59	91	1962	50.08	5.01E-19	Upper
835-09	0.996	0.077	1.00	137	1955	0.60	2.18E-162	Lower
835-09	0.956	0.034	1.00	137	1955	0.25	6.34E-185	Middle
835-09	0.999	-0.169	0.93	143	1955	11.37	7.18E-83	Upper
835-10	0.877	0.121	0.91	124	1955	9.39	3.93E-66	Lower
835-10	1.361	-0.773	0.89	125	1955	29.15	1.11E-60	Middle
835-10	1.582	-1.286	0.98	140	1956	8.42	5.12E-113	Upper
835-11	0.690	0.956	0.87	36	1993	1.43	2.17E-16	Lower
835-11	0.700	0.674	0.89	41	1993	1.35	2.95E-20	Middle
835-11	0.691	0.496	0.91	42	1993	1.09	2.09E-22	Upper
835-12	0.803	0.625	0.96	90	1965	2.62	6.24E-62	Lower
835-12	0.903	0.372	0.97	86	1965	2.27	2.64E-65	Middle
835-12	0.983	0.133	0.97	96	1965	2.70	1.89E-74	Upper
835-13	0.738	0.692	0.90	17	1993	0.58	7.38E-09	Lower
835-13	0.733	0.533	0.92	16	1993	0.41	3.04E-09	Middle
835-13	0.652	0.363	0.85	23	1993	0.93	3.52E-10	Upper
835-14	0.950	0.427	0.98	46	1977	0.70	2.50E-39	Lower
835-14	0.961	0.275	0.98	44	1977	0.70	9.12E-38	Middle
835-14	0.956	0.043	0.98	52	1977	0.85	8.43E-44	Upper
835-15	0.574	0.955	0.80	225	1951	20.51	2.15E-80	Lower
835-15	0.760	0.537	0.76	221	1951	46.36	5.96E-69	Middle
835-15	1.567	-0.529	0.79	231	1951	171.93	1.06E-78	Upper
835-16	1.002	0.075	0.99	48	1975	0.26	2.36E-52	Lower
835-16	0.955	0.026	1.00	52	1975	0.13	2.82E-64	Middle
835-16	1.172	-0.404	0.88	54	1975	8.25	4.79E-26	Upper
835-19	0.826	1.066	0.96	8	1997	0.14	2.03E-05	Lower
835-19	0.841	1.030	0.96	4	1997	0.07	1.79E-02	Middle
835-19	0.848	0.970	0.97	12	1997	0.18	9.41E-09	Upper
837-01	0.972	0.078	0.98	84	1956	1.50	2.96E-73	Lower
837-01	0.923	0.001	0.99	87	1956	0.89	1.60E-84	Middle
837-01	1.187	-0.646	0.89	90	1956	16.28	8.24E-44	Upper
837-06	0.844	0.408	0.92	67	1983	4.05	9.36E-38	Lower
837-06	0.942	0.055	0.99	59	1983	0.69	7.16E-56	Middle
837-06	1.001	-0.158	0.89	80	1945	9.41	6.26E-39	Upper
837-08	0.985	0.229	0.98	183	1975	2.79	4.45E-160	Lower
837-08	0.984	0.066	0.99	188	1975	0.86	1.09E-212	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-08	1.053	-0.233	0.89	189	1975	22.02	4.38E-92	Upper
837-12	0.672	0.493	0.85	137	1980	11.40	8.12E-57	Lower
837-12	0.862	0.056	0.83	140	1980	22.15	3.73E-54	Middle
837-12	1.660	-0.981	0.91	146	1980	39.12	1.31E-77	Upper
837-18	0.855	0.527	0.97	17	1958	0.48	1.09E-12	Lower
837-18	0.921	0.300	0.97	13	1958	0.38	5.42E-10	Middle
837-18	1.056	-0.011	0.86	22	1958	4.78	7.40E-10	Upper
838-05	0.995	0.592	0.98	55	1986	1.07	5.61E-45	Lower
838-05	1.025	0.437	0.98	56	1986	0.80	7.77E-50	Middle
838-05	1.103	0.212	0.91	60	1986	6.06	1.28E-31	Upper
839-02	0.534	0.934	0.84	164	1968	9.19	1.33E-65	Lower
839-02	0.804	0.513	0.83	165	1972	22.58	2.84E-64	Middle
839-02	0.954	0.129	0.84	174	1959	31.34	2.10E-69	Upper
839-03	0.592	0.630	0.83	90	1977	6.31	9.59E-36	Lower
839-03	0.756	0.356	0.80	85	1977	11.77	3.57E-31	Middle
839-03	0.951	0.046	0.76	96	1977	26.99	1.06E-30	Upper
839-04	0.977	0.300	0.99	29	1972	0.18	1.09E-30	Lower
839-04	1.022	0.109	1.00	29	1972	0.13	8.80E-33	Middle
839-04	0.915	-0.008	1.00	35	1972	0.13	9.36E-40	Upper
839-05	0.966	0.273	0.99	96	1972	0.72	5.29E-98	Lower
839-05	0.981	0.063	0.99	95	1972	0.41	1.00E-108	Middle
839-05	1.021	-0.246	0.89	102	1972	11.09	1.05E-50	Upper
839-06	0.690	0.713	0.96	56	1962	1.32	5.26E-40	Lower
839-06	0.836	0.425	0.92	56	1962	4.26	6.03E-31	Middle
839-06	0.934	0.201	0.94	62	1962	4.28	2.89E-38	Upper
839-08	0.508	1.039	0.79	123	1974	7.97	2.85E-42	Lower
839-08	0.835	0.487	0.78	120	1974	21.08	3.49E-41	Middle
839-08	0.874	0.015	0.82	129	1974	20.26	1.50E-48	Upper
839-09	1.017	0.141	1.00	42	1962	0.20	4.47E-48	Lower
839-09	0.993	0.073	1.00	47	1962	0.09	1.15E-62	Middle
839-09	0.943	0.020	0.99	48	1962	0.27	5.02E-52	Upper
839-10	0.538	0.969	0.77	88	1986	5.71	5.60E-29	Lower
839-10	0.698	0.757	0.81	87	1986	7.61	4.45E-32	Middle
839-10	1.073	0.433	0.82	94	1986	17.22	3.33E-36	Upper
839-11	0.493	1.196	0.76	168	1985	9.84	1.13E-52	Lower
839-11	0.757	0.883	0.69	168	1985	31.94	1.76E-44	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-11	1.023	0.569	0.80	174	1985	32.99	1.21E-62	Upper
839-12	0.997	0.442	0.96	99	1981	4.03	5.00E-71	Lower
839-12	1.151	-0.078	0.68	100	1981	62.91	2.95E-26	Middle
839-12	1.939	-1.285	0.87	108	1981	63.98	1.01E-48	Upper
839-13	0.739	0.626	0.88	113	1990	5.84	1.06E-52	Lower
839-13	0.829	0.409	0.90	112	1990	5.76	7.00E-57	Middle
839-13	0.985	0.158	0.90	119	1990	8.43	4.69E-61	Upper
839-14	0.830	0.499	0.93	66	1993	1.84	9.82E-39	Lower
839-14	0.808	0.352	0.95	67	1993	1.32	1.17E-43	Middle
839-14	0.794	0.238	0.95	72	1993	1.35	1.35E-46	Upper
839-18	0.779	0.308	0.89	70	1960	2.93	7.98E-35	Lower
839-18	0.841	0.025	0.91	68	1960	2.88	9.18E-36	Middle
839-18	1.005	-0.496	0.59	75	1960	30.37	8.21E-16	Upper
839-21	0.804	0.363	0.92	11	1970	0.59	2.94E-06	Lower
839-21	0.821	0.205	0.94	9	1970	0.46	1.86E-05	Middle
839-21	0.891	-0.023	0.96	17	1970	0.56	9.91E-12	Upper
839-23	1.023	0.112	0.99	25	1978	0.22	2.89E-25	Lower
839-23	0.995	0.080	1.00	24	1978	0.11	6.37E-27	Middle
839-23	0.964	0.047	0.99	30	1978	0.14	1.40E-33	Upper
839-24	0.864	0.698	0.93	39	1988	1.48	1.61E-23	Lower
839-24	0.848	0.476	0.96	37	1988	0.71	6.11E-27	Middle
839-24	0.836	0.287	0.94	44	1988	1.36	1.66E-27	Upper
840-01	0.943	0.689	0.99	122	1983	1.23	1.71E-114	Lower
840-01	0.952	0.560	0.99	122	1983	0.74	3.57E-128	Middle
840-01	0.962	0.417	0.99	127	1983	1.16	5.85E-123	Upper
840-02	0.984	0.152	0.99	42	1958	0.32	7.95E-44	Lower
840-02	0.983	0.062	1.00	40	1958	0.05	1.92E-57	Middle
840-02	0.939	0.015	0.99	48	1958	0.29	9.27E-52	Upper
840-03	0.986	0.119	0.99	72	1960	0.77	1.79E-70	Lower
840-03	0.956	0.037	0.99	74	1960	0.53	3.64E-78	Middle
840-03	0.905	-0.014	0.98	78	1960	1.51	6.52E-64	Upper
840-05	0.947	0.132	0.99	77	1977	1.07	1.14E-70	Lower
840-05	0.940	0.031	0.99	80	1954	0.99	1.47E-75	Middle
840-05	1.155	-0.446	0.89	88	1954	14.80	1.37E-42	Upper
840-07	0.367	1.195	0.64	137	1994	9.26	1.00E-31	Lower
840-07	0.629	0.635	0.66	132	1994	25.02	1.87E-32	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-07	0.904	0.130	0.67	148	1965	53.07	1.35E-36	Upper
840-08	0.775	0.664	0.92	111	1974	5.75	1.20E-62	Lower
840-08	0.917	0.347	0.95	112	1981	5.15	2.51E-73	Middle
840-08	1.039	-0.073	0.87	130	1955	21.12	9.39E-58	Upper
840-09	0.620	-0.027	0.65	87	1965	17.46	3.24E-21	Lower
840-09	0.639	-0.282	0.66	87	1965	19.02	1.64E-21	Middle
840-10	0.912	0.306	0.98	186	1973	3.07	3.57E-154	Lower
840-10	0.967	0.097	0.98	190	1973	3.36	9.40E-160	Middle
840-10	0.922	0.012	0.97	192	1973	4.34	2.66E-147	Upper
840-11	0.977	0.102	0.99	79	1966	1.01	4.83E-74	Lower
840-11	0.919	-0.005	1.00	80	1966	0.19	2.11E-100	Middle
840-11	1.209	-0.626	0.89	85	1966	15.55	3.70E-41	Upper
840-13	0.984	0.189	0.99	88	1967	1.08	1.08E-82	Lower
840-13	0.973	0.056	1.00	92	1967	0.40	1.62E-106	Middle
840-13	0.943	-0.100	0.91	94	1967	7.63	1.88E-50	Upper
840-14	0.981	0.118	0.99	180	1981	2.43	3.21E-168	Lower
840-14	0.938	0.019	1.00	182	1981	0.79	1.92E-209	Middle
840-14	1.264	-0.682	0.90	194	1960	34.76	5.84E-97	Upper
840-15	1.003	0.085	1.00	18	1955	0.03	1.75E-23	Lower
840-15	0.983	0.063	1.00	23	1955	0.04	2.71E-30	Middle
840-15	0.932	0.005	1.00	24	1955	0.09	7.43E-28	Upper
840-18	0.938	0.319	0.99	24	1965	0.10	1.15E-26	Lower
840-18	1.022	0.106	1.00	25	1965	0.06	1.41E-32	Middle
840-18	0.987	0.067	1.00	30	1965	0.09	2.62E-36	Upper
840-19	0.977	0.059	0.99	6	1981	0.02	1.08E-05	Lower
840-19	0.937	0.016	0.99	8	1981	0.06	1.55E-07	Middle
840-19	0.896	-0.031	1.00	12	1981	0.01	6.73E-15	Upper
840-20	0.674	0.416	0.85	58	1966	4.55	5.20E-25	Lower
840-20	1.239	-0.676	0.79	57	1966	21.44	1.44E-20	Middle
840-20	1.404	-1.070	0.87	68	1966	19.55	1.33E-30	Upper
840-22	0.892	0.371	0.95	82	1983	3.19	2.21E-52	Lower
840-22	0.912	0.134	0.95	79	1983	3.07	4.72E-51	Middle
840-22	1.074	-0.250	0.83	98	1983	17.94	2.96E-39	Upper
840-24	0.721	0.849	0.93	35	1970	1.25	5.47E-21	Lower
840-24	0.856	0.594	0.93	35	1970	1.87	1.04E-20	Middle
840-24	0.996	0.332	0.93	41	1970	2.71	1.51E-24	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-26	0.903	0.485	0.95	88	1961	4.37	2.86E-56	Lower
840-26	0.969	0.147	0.97	88	1961	2.36	3.89E-70	Middle
840-26	1.305	-0.687	0.83	94	1961	34.34	2.87E-37	Upper
840-27	0.937	0.319	0.99	135	1965	0.93	3.04E-141	Lower
840-27	1.003	0.103	0.99	132	1965	0.90	6.80E-142	Middle
840-27	0.947	0.029	0.99	141	1965	1.69	1.31E-131	Upper
840-28	0.823	0.014	0.73	17	1977	4.51	1.32E-05	Lower
840-28	0.830	-0.070	0.84	15	1977	2.21	1.52E-06	Middle
840-31	0.967	0.154	0.97	52	1966	1.42	4.60E-40	Lower
840-31	0.943	0.027	0.98	51	1966	0.78	6.97E-45	Middle
840-31	0.861	-0.061	0.96	58	1966	1.58	5.57E-42	Upper
840-33	0.499	0.962	0.73	92	1982	6.97	2.68E-27	Lower
840-33	0.782	0.554	0.76	94	1982	15.48	5.18E-30	Middle
840-33	0.967	0.278	0.80	103	1982	19.80	1.24E-36	Upper
840-36	0.762	0.380	0.75	72	1984	10.04	7.93E-23	Lower
840-36	0.745	0.196	0.70	70	1984	12.13	1.30E-19	Middle
840-36	0.695	-0.005	0.60	78	1984	17.97	6.39E-17	Upper
841-01	0.805	0.608	0.93	107	1977	4.72	3.86E-63	Lower
841-01	0.957	0.342	0.93	106	1977	7.37	2.23E-60	Middle
841-01	1.139	0.034	0.82	112	1977	29.03	4.13E-43	Upper
841-02	0.964	0.222	0.99	41	1981	0.36	2.25E-39	Lower
841-02	0.960	0.049	0.99	42	1981	0.41	2.42E-40	Middle
841-02	1.182	-0.462	0.86	52	1977	8.57	2.69E-23	Upper
841-03	0.686	0.596	0.91	79	1991	2.34	2.97E-41	Lower
841-03	0.795	0.373	0.89	80	1991	3.85	5.46E-39	Middle
841-03	0.938	0.122	0.90	83	1991	4.66	4.77E-43	Upper
842-04	0.887	0.310	0.93	153	1990	5.67	9.79E-91	Lower
842-04	0.911	0.025	0.97	155	1990	2.66	1.80E-118	Middle
842-04	0.815	-0.073	0.93	158	1990	4.95	1.03E-93	Upper
842-05	0.619	0.569	0.79	35	1957	4.19	7.21E-13	Lower
842-05	1.092	-0.154	0.64	32	1957	27.37	4.66E-08	Middle
842-05	1.616	-0.825	0.83	40	1957	24.83	2.36E-16	Upper
842-07	0.582	1.021	0.82	89	1960	6.98	3.74E-34	Lower
842-07	0.804	0.636	0.76	85	1960	18.77	3.36E-27	Middle
842-07	1.053	0.238	0.76	95	1960	34.29	9.07E-31	Upper
842-10	0.449	0.951	0.71	84	1982	6.14	5.31E-24	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
842-10	0.706	0.581	0.68	87	1982	18.23	5.02E-23	Middle
842-10	0.885	0.264	0.77	90	1982	18.90	9.30E-30	Upper
842-12	0.802	0.652	0.90	127	1987	7.13	1.67E-64	Lower
842-12	0.930	0.433	0.91	129	1987	8.63	1.71E-68	Middle
842-12	1.074	0.219	0.94	132	1987	7.45	6.55E-82	Upper
842-13	1.015	0.213	0.98	33	1967	0.70	1.50E-29	Lower
842-13	1.003	0.016	0.97	32	1967	1.45	1.94E-23	Middle
842-13	1.767	-1.122	0.99	38	1967	1.32	1.27E-38	Upper
842-15	1.554	-1.321	1.00	78	1951	0.23	2.57E-113	Lower
842-15	1.507	-1.372	1.00	77	1951	0.19	4.13E-114	Middle
842-15	1.439	-1.447	1.00	84	1951	0.88	3.52E-97	Upper
842-16	0.960	0.366	0.99	96	1979	0.67	2.92E-97	Lower
842-16	0.987	0.089	0.99	100	1979	0.65	2.41E-104	Middle
842-16	0.897	-0.023	0.99	102	1979	0.99	2.35E-93	Upper
843-01	0.929	0.329	0.95	209	1966	10.45	1.36E-133	Lower
843-01	0.977	0.001	0.96	212	1966	8.89	1.66E-147	Middle
843-01	1.285	-0.865	0.67	220	1966	179.61	1.54E-54	Upper
843-03	0.946	0.415	0.97	54	1975	1.15	1.92E-42	Lower
843-03	1.008	0.126	0.99	56	1975	0.67	1.10E-52	Middle
843-03	1.017	-0.095	0.92	60	1975	4.36	3.97E-34	Upper
843-06	0.995	0.116	0.99	95	1974	1.03	1.83E-94	Lower
843-06	0.922	0.014	0.98	93	1961	1.48	4.16E-83	Middle
843-06	1.257	-0.609	0.88	104	1974	23.94	3.20E-48	Upper
843-07	0.798	0.478	0.93	23	1991	0.62	7.33E-14	Lower
843-07	0.848	0.291	0.95	22	1991	0.51	1.61E-14	Middle
843-07	0.807	0.246	0.94	29	1991	0.67	2.05E-18	Upper
843-09	0.983	0.224	0.97	12	1970	0.29	3.64E-09	Lower
843-09	0.985	0.071	0.98	14	1970	0.24	4.28E-12	Middle
843-09	0.894	-0.030	0.99	18	1970	0.18	1.97E-16	Upper
844-02	0.953	0.360	0.97	80	1978	1.90	2.47E-63	Lower
844-02	1.044	0.117	0.99	78	1978	0.60	6.33E-83	Middle
844-02	1.053	-0.021	0.91	86	1978	9.14	2.75E-45	Upper
844-05	0.679	0.688	0.90	6	1952	0.16	3.97E-03	Lower
844-05	0.741	0.583	0.90	8	1952	0.32	3.70E-04	Middle
844-05	0.714	0.412	0.92	11	1952	0.28	3.66E-06	Upper
845-03	0.834	0.578	0.94	40	1978	1.07	1.56E-24	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
845-03	0.855	0.274	0.98	42	1978	0.44	8.00E-34	Middle
845-03	0.991	-0.063	0.85	45	1978	4.54	2.83E-19	Upper
845-06	0.575	0.798	0.77	163	1994	8.90	1.83E-53	Lower
845-06	0.617	0.555	0.88	160	1994	4.46	1.55E-75	Middle
845-06	0.636	0.376	0.85	174	1994	6.86	2.92E-73	Upper
845-07	0.700	0.577	0.80	177	1994	20.29	2.74E-62	Lower
845-07	0.842	0.209	0.81	184	1977	27.66	2.09E-67	Middle
845-07	0.824	-0.033	0.70	192	1977	50.34	3.80E-51	Upper
845-08	0.817	1.152	0.96	35	1991	0.65	4.66E-25	Lower
845-08	0.865	0.964	0.95	32	1991	0.93	4.88E-21	Middle
845-08	0.949	0.759	0.94	40	1991	1.63	1.21E-24	Upper
845-09	0.800	0.880	0.92	59	1979	3.11	7.13E-33	Lower
845-09	0.970	0.632	0.94	58	1979	3.23	5.08E-36	Middle
845-09	0.948	0.366	0.89	71	1979	7.16	5.67E-35	Upper
845-17	0.948	0.703	0.99	13	1981	0.16	2.05E-11	Lower
845-17	0.923	0.511	0.98	15	1981	0.20	8.34E-13	Middle
845-17	0.941	0.359	0.98	18	1981	0.25	2.28E-15	Upper
845-18	0.608	0.768	0.88	15	1978	0.42	1.91E-07	Lower
845-18	0.732	0.567	0.84	15	1978	1.03	1.66E-06	Middle
845-18	0.665	0.388	0.77	22	1978	1.54	8.03E-08	Upper
845-19	0.786	0.451	0.97	28	1975	0.43	6.04E-22	Lower
845-19	0.967	0.218	0.96	28	1975	0.94	3.68E-20	Middle
845-19	0.950	0.078	0.98	34	1975	0.55	1.08E-28	Upper
845-20	0.776	0.420	0.90	23	1986	1.04	3.80E-12	Lower
845-20	0.720	0.303	0.87	21	1986	1.28	9.04E-10	Middle
845-20	0.709	0.113	0.85	29	1986	1.75	8.29E-13	Upper
845-21	0.784	0.856	0.92	36	1976	1.85	3.01E-20	Lower
845-21	0.951	0.596	0.88	40	1976	4.72	4.54E-19	Middle
845-21	1.151	0.339	0.93	40	1976	3.66	7.82E-24	Upper
845-24	0.980	0.431	0.98	45	1976	0.80	1.84E-38	Lower
845-24	0.961	0.314	0.99	44	1976	0.44	1.97E-42	Middle
845-24	1.112	-0.046	0.87	49	1976	8.74	4.50E-22	Upper
845-25	0.943	0.389	0.97	11	1976	0.25	1.72E-08	Lower
845-25	1.031	0.137	0.99	8	1976	0.11	4.28E-07	Middle
845-25	0.978	0.067	0.99	16	1976	0.11	2.62E-16	Upper
846-01	0.920	0.575	0.94	81	1987	2.97	1.18E-49	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
846-01	0.957	0.233	0.95	84	1987	3.04	1.84E-53	Middle
846-01	0.915	0.001	0.94	90	1990	3.05	6.72E-56	Upper
846-02	0.717	0.793	0.88	146	1971	11.08	6.09E-68	Lower
846-02	0.860	0.430	0.86	148	1971	18.40	4.51E-65	Middle
846-02	1.161	-0.072	0.77	151	1971	65.77	4.24E-49	Upper
846-03	0.961	0.215	0.99	108	1966	1.08	5.50E-107	Lower
846-03	0.983	0.061	1.00	106	1966	0.38	2.14E-129	Middle
846-03	0.978	-0.049	0.96	119	1954	4.86	6.68E-83	Upper
846-04	0.904	0.257	0.95	102	1987	4.36	2.20E-66	Lower
846-04	0.876	0.013	0.97	102	1961	2.13	3.91E-79	Middle
846-04	1.452	-1.078	0.92	113	1961	18.31	7.65E-64	Upper
846-05	1.046	0.139	0.98	90	1963	2.26	5.04E-81	Lower
846-05	1.413	-0.599	0.87	90	1963	36.75	5.31E-41	Middle
846-05	1.631	-1.229	0.99	95	1963	2.20	1.37E-104	Upper
846-06	0.963	0.051	0.99	50	1965	0.56	5.80E-50	Lower
846-06	1.560	-0.902	0.92	51	1965	12.12	5.83E-29	Middle
846-06	1.584	-1.252	0.98	55	1965	2.79	7.17E-49	Upper
846-07	0.939	0.084	0.97	58	1967	1.47	1.01E-44	Lower
846-07	0.896	-0.026	0.99	61	1967	0.72	6.22E-56	Middle
846-07	1.473	-1.037	0.95	64	1967	7.61	5.39E-41	Upper
846-08	0.892	0.244	0.93	79	1958	5.07	2.59E-46	Lower
846-08	0.946	0.052	0.98	73	1968	1.66	8.41E-61	Middle
846-08	1.213	-0.468	0.86	88	1968	21.90	1.63E-38	Upper
846-10	0.693	0.311	0.80	70	1992	5.02	2.44E-25	Lower
846-10	0.785	-0.028	0.91	70	1992	2.61	7.96E-37	Middle
846-10	0.702	-0.158	0.90	76	1992	2.56	4.28E-38	Upper
846-11	0.622	0.799	0.83	133	1981	9.26	4.43E-53	Lower
846-11	0.809	0.476	0.81	132	1981	19.11	2.53E-48	Middle
846-11	0.956	0.233	0.86	139	1981	18.78	3.15E-60	Upper
846-12	0.746	0.998	0.86	20	1981	1.66	4.74E-09	Lower
846-12	0.918	0.557	0.75	20	1981	5.27	7.67E-07	Middle
846-12	1.839	-0.345	0.80	24	1981	17.54	3.26E-09	Upper
847-01	0.911	0.500	0.94	72	1980	3.62	1.92E-44	Lower
847-01	1.018	0.176	0.99	74	1980	0.90	1.51E-70	Middle
847-01	1.106	-0.206	0.81	77	1980	20.99	1.56E-28	Upper
847-02	0.811	0.751	0.93	53	1980	2.57	1.31E-30	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
847-02	0.934	0.457	0.96	52	1980	1.67	1.79E-37	Middle
847-02	1.275	-0.264	0.74	58	1980	29.74	3.10E-18	Upper
847-04	0.838	0.552	0.95	63	1976	2.30	3.26E-41	Lower
847-04	0.897	0.280	0.97	66	1976	1.35	1.55E-52	Middle
847-04	0.932	0.055	0.97	72	1976	2.05	4.54E-53	Upper
847-05	0.924	0.491	0.93	40	1982	2.32	1.24E-23	Lower
847-05	0.962	0.259	0.98	37	1982	0.73	2.20E-30	Middle
847-05	1.399	-0.436	0.75	46	1982	27.05	9.43E-15	Upper
847-07	0.995	0.143	0.98	31	1986	0.37	4.41E-27	Lower
847-07	0.959	0.046	1.00	33	1986	0.11	2.41E-37	Middle
847-07	0.989	-0.243	0.86	37	1986	4.03	1.88E-16	Upper
847-08	0.927	0.202	0.89	38	1980	3.68	1.47E-18	Lower
847-08	0.930	-0.043	0.92	35	1980	2.41	3.01E-19	Middle
847-08	1.318	-0.716	0.63	46	1981	40.40	5.82E-11	Upper
848-04	0.980	0.148	0.98	25	1990	0.35	9.03E-21	Lower
848-04	0.971	0.076	0.99	26	1990	0.20	7.47E-25	Middle
848-04	0.910	0.005	0.99	30	1990	0.23	1.14E-27	Upper
848-05	0.802	0.634	0.88	7	1978	0.28	1.78E-03	Lower
848-05	0.784	0.538	0.90	8	1978	0.35	2.88E-04	Middle
848-05	0.880	0.378	0.92	12	1978	0.41	8.25E-07	Upper
848-06	0.982	0.082	0.98	6	1982	0.08	1.21E-04	Lower
848-06	0.972	0.062	0.99	5	1982	0.04	4.55E-04	Middle
848-06	0.909	0.007	0.97	12	1982	0.25	8.43E-09	Upper
848-07	0.902	0.365	0.92	52	1991	2.32	1.67E-28	Lower
848-07	0.903	0.193	0.92	50	1991	1.97	3.01E-28	Middle
848-07	0.928	0.033	0.93	58	1991	2.35	2.02E-33	Upper
848-12	0.892	0.551	0.97	26	1990	0.46	1.00E-19	Lower
848-12	0.950	0.383	0.97	29	1990	0.58	5.81E-22	Middle
848-12	1.046	0.153	0.97	30	1990	0.61	8.18E-24	Upper
848-13	0.800	0.810	1.00	3	1985	0.00	2.58E-02	Lower
848-13	0.944	0.830	0.93	4	1985	0.13	3.73E-02	Middle
848-13	0.867	0.510	0.86	9	1985	0.53	3.06E-04	Upper
848-14	0.697	0.426	0.80	35	1992	2.43	4.94E-13	Lower
848-14	0.701	0.120	0.88	33	1992	1.36	1.18E-15	Middle
848-14	0.754	-0.070	0.89	41	1992	1.57	1.49E-20	Upper
848-17	0.738	0.805	0.89	23	1985	1.25	1.12E-11	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
848-17	0.874	0.514	0.92	24	1985	1.43	1.24E-13	Middle
848-17	1.072	0.256	0.93	28	1985	2.10	3.55E-16	Upper
849-01	0.841	0.349	0.91	52	1992	2.18	2.64E-27	Lower
849-01	0.836	-0.028	0.94	49	1992	1.11	3.08E-31	Middle
849-01	0.722	-0.173	0.86	58	1992	2.82	1.75E-25	Upper
849-02	0.962	0.358	0.99	75	1979	0.35	2.69E-83	Lower
849-02	0.974	0.230	0.99	71	1976	0.43	6.35E-75	Middle
849-02	0.993	0.077	0.99	84	1979	0.40	2.96E-93	Upper
849-03	0.928	0.153	0.94	85	1965	4.61	4.22E-52	Lower
849-03	0.907	-0.106	0.92	84	1965	5.42	9.88E-48	Middle
849-03	1.484	-1.179	0.72	90	1965	72.18	2.47E-26	Upper
849-05	0.986	0.087	0.99	90	1970	0.48	1.09E-99	Lower
849-05	0.948	0.026	1.00	88	1970	0.12	6.11E-122	Middle
849-05	0.911	-0.014	0.99	96	1970	0.48	2.02E-104	Upper
849-06	0.947	0.262	0.99	51	1972	0.52	1.14E-48	Lower
849-06	0.967	0.050	0.99	50	1972	0.21	1.90E-56	Middle
849-06	0.928	0.007	0.99	57	1972	0.24	3.77E-64	Upper
849-07	1.000	0.104	1.00	73	1968	0.29	8.52E-87	Lower
849-07	0.965	0.043	1.00	74	1968	0.11	2.96E-101	Middle
849-07	0.914	-0.011	0.99	79	1968	0.36	2.67E-88	Upper
849-08	0.952	0.184	0.95	49	1967	2.25	7.22E-33	Lower
849-08	0.909	-0.061	0.94	51	1967	2.71	1.74E-31	Middle
849-08	1.239	-0.640	0.77	54	1967	24.43	2.09E-18	Upper
849-10	0.875	0.301	0.95	128	1981	3.25	2.97E-85	Lower
849-10	0.861	0.123	0.96	129	1991	2.76	1.71E-88	Middle
849-10	0.849	-0.037	0.93	143	1990	4.83	4.46E-84	Upper
849-11	0.970	0.503	0.97	164	1985	2.98	3.38E-130	Lower
849-11	0.927	0.314	0.99	163	1985	0.69	1.29E-175	Middle
849-11	0.963	0.120	0.99	170	1985	1.69	4.64E-156	Upper
849-13	0.722	0.480	0.79	76	1965	10.86	1.92E-26	Lower
849-13	0.796	0.070	0.85	74	1965	8.33	6.93E-32	Middle
849-13	0.766	-0.173	0.78	82	1965	13.52	6.07E-28	Upper
849-14	0.675	0.903	0.94	34	1962	0.98	2.42E-21	Lower
849-14	0.841	0.576	0.91	33	1962	2.59	1.32E-17	Middle
849-14	0.861	0.247	0.89	40	1962	3.78	1.33E-19	Upper
849-15	0.994	0.285	0.98	46	1979	0.66	9.35E-41	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-15	1.024	0.104	1.00	43	1976	0.16	2.61E-51	Middle
849-15	0.957	0.033	0.98	55	1976	0.76	7.62E-48	Upper
849-16	0.862	0.477	0.89	189	1972	14.85	1.60E-91	Lower
849-16	0.917	0.151	0.90	186	1981	14.90	7.89E-94	Middle
849-16	1.452	-0.795	0.69	197	1972	158.54	1.29E-51	Upper
849-18	0.968	0.065	0.97	136	1959	3.66	2.60E-105	Lower
849-18	0.922	-0.035	0.97	142	1976	2.94	7.03E-114	Middle
849-18	1.359	-0.827	0.91	147	1959	25.81	2.67E-77	Upper
849-20	1.013	0.177	0.99	66	1983	0.61	3.34E-63	Lower
849-20	0.923	-0.001	0.99	68	1983	0.43	1.39E-68	Middle
849-20	1.445	-0.927	0.92	72	1983	10.36	3.29E-39	Upper
849-24	0.933	0.012	0.98	20	1956	0.33	1.10E-17	Lower
849-24	0.891	-0.033	0.98	23	1956	0.32	3.24E-20	Middle
849-24	1.562	-1.309	1.00	26	1956	0.36	3.07E-29	Upper
849-26	0.745	0.538	0.80	34	1986	2.77	1.03E-12	Lower
849-26	1.298	-0.584	0.76	34	1986	10.62	2.07E-11	Middle
849-26	1.450	-1.401	0.77	39	1986	14.08	1.74E-13	Upper
849-27	0.938	0.346	0.99	45	1983	0.33	5.03E-44	Lower
849-27	0.975	0.192	0.99	44	1983	0.30	7.87E-44	Middle
849-27	0.974	0.062	0.98	51	1983	0.57	2.57E-46	Upper
849-28	1.006	0.121	1.00	51	1965	0.25	1.93E-58	Lower
849-28	0.979	0.058	1.00	51	1965	0.08	2.76E-70	Middle
849-28	0.949	0.026	1.00	57	1965	0.10	4.65E-76	Upper
849-29	0.950	0.130	0.92	173	1974	10.84	2.46E-94	Lower
849-29	0.965	-0.067	0.89	172	1991	15.06	1.26E-84	Middle
849-29	0.975	-0.299	0.76	184	1991	41.28	1.90E-58	Upper
849-30	0.985	0.167	0.99	35	1972	0.36	1.49E-33	Lower
849-30	0.967	0.046	1.00	33	1972	0.08	2.38E-41	Middle
849-30	0.903	-0.022	1.00	41	1972	0.13	1.78E-47	Upper
849-31	0.742	0.382	0.87	101	1993	4.62	3.94E-45	Lower
849-31	0.733	0.169	0.94	103	1993	1.92	6.79E-64	Middle
849-31	0.773	-0.080	0.89	107	1993	4.44	2.39E-51	Upper
849-34	0.964	0.119	0.97	59	1986	1.14	1.45E-45	Lower
849-34	0.913	0.004	0.99	61	1986	0.35	1.45E-61	Middle
849-34	0.856	-0.060	0.99	65	1986	0.44	3.45E-61	Upper
849-38	0.934	0.580	0.98	137	1985	2.10	4.95E-111	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-38	1.007	0.153	0.98	133	1985	2.36	1.08E-107	Middle
849-38	0.901	-0.014	0.98	143	1985	2.04	6.02E-116	Upper
849-40	1.021	0.302	0.98	18	1984	0.27	7.76E-16	Lower
849-40	1.047	0.139	1.00	16	1984	0.06	7.42E-18	Middle
849-40	0.973	0.058	0.99	24	1984	0.11	4.13E-26	Upper
849-41	1.052	0.133	0.99	17	1984	0.10	1.66E-17	Lower
849-41	0.982	0.074	0.99	13	1984	0.05	1.25E-13	Middle
849-41	0.957	0.044	0.99	23	1984	0.09	2.63E-25	Upper
849-45	0.940	0.344	0.99	6	1987	0.05	8.22E-05	Lower
849-45	0.905	0.305	0.98	11	1987	0.13	6.76E-09	Middle
849-45	0.897	0.149	0.97	12	1987	0.21	7.46E-09	Upper
849-46	0.929	0.798	0.99	10	1987	0.06	1.60E-09	Lower
849-46	0.878	0.606	0.96	14	1987	0.32	4.84E-10	Middle
849-46	0.926	0.324	0.98	16	1987	0.21	3.33E-13	Upper
850-02	0.887	0.482	0.93	125	1987	4.09	4.94E-74	Lower
850-02	0.862	0.215	0.97	129	1987	1.88	3.74E-96	Middle
850-02	0.966	-0.129	0.83	130	1987	13.92	8.08E-52	Upper
850-03	0.998	0.398	1.00	48	1971	0.13	7.08E-61	Lower
850-03	0.961	0.342	1.00	47	1971	0.13	3.41E-59	Middle
850-03	0.994	0.130	0.99	53	1971	0.64	4.86E-51	Upper
850-04	0.695	0.354	0.91	89	1993	2.29	1.80E-47	Lower
850-04	0.722	0.192	0.93	94	1993	2.11	4.45E-54	Middle
850-04	0.700	0.053	0.89	95	1993	3.19	4.54E-46	Upper
850-05	0.956	0.336	1.00	83	1965	0.15	3.24E-111	Lower
850-05	1.026	0.155	1.00	78	1965	0.23	4.78E-98	Middle
850-05	1.015	0.098	1.00	89	1965	0.15	6.50E-122	Upper
850-07	1.031	0.113	1.00	54	1958	0.12	2.48E-73	Lower
850-07	0.994	0.072	1.00	56	1958	0.09	6.31E-79	Middle
850-07	0.949	0.023	1.00	59	1958	0.26	2.32E-69	Upper
850-08	0.698	1.086	0.90	44	1976	1.41	1.79E-22	Lower
850-08	0.719	0.915	0.92	41	1976	1.06	5.93E-23	Middle
850-08	0.768	0.737	0.95	49	1976	0.95	1.46E-31	Upper
850-19	0.939	0.071	0.98	70	1981	1.13	1.22E-57	Lower
850-19	0.885	-0.038	0.99	65	1981	0.30	1.05E-68	Middle
850-19	0.957	-0.263	0.87	76	1981	7.84	4.14E-35	Upper
850-20	0.957	0.359	0.99	59	1973	0.45	1.36E-59	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
850-20	0.984	0.168	0.99	55	1973	0.40	1.77E-56	Middle
850-20	0.961	0.040	0.99	65	1973	0.30	1.90E-72	Upper
850-28	0.877	0.130	0.94	127	1991	3.94	6.97E-77	Lower
850-28	0.830	-0.073	0.96	127	1991	1.85	9.20E-93	Middle
850-28	0.834	-0.331	0.76	133	1991	17.74	4.12E-42	Upper
850-29	0.881	0.172	0.89	83	1967	9.75	7.03E-40	Lower
850-29	0.871	-0.054	0.85	81	1967	12.31	8.46E-35	Middle
850-29	1.161	-0.842	0.62	91	1967	87.73	2.65E-20	Upper
850-31	0.951	0.489	0.99	108	1976	0.63	3.32E-115	Lower
850-31	0.970	0.355	1.00	106	1976	0.31	2.13E-128	Middle
850-31	1.030	0.110	0.90	114	1976	11.36	1.49E-58	Upper
851-14	0.953	0.335	0.97	6	1981	0.12	2.98E-04	Lower
851-14	0.982	0.060	0.96	11	1981	0.39	1.77E-07	Middle
851-14	0.915	-0.006	0.95	12	1981	0.37	4.68E-08	Upper
852-01	1.250	-0.539	0.90	141	1965	19.04	2.79E-71	Lower
852-01	1.603	-1.266	1.00	140	1965	0.80	5.43E-176	Middle
852-01	1.539	-1.331	0.99	147	1965	1.48	2.77E-166	Upper
852-02	0.817	0.243	0.78	83	1968	16.60	5.69E-28	Lower
852-02	0.860	0.004	0.79	83	1968	15.97	3.06E-29	Middle
852-02	0.973	-0.397	0.66	92	1968	44.18	5.35E-23	Upper
852-03	1.002	0.481	0.97	162	1987	4.03	1.98E-125	Lower
852-03	1.046	0.127	0.99	160	1987	1.57	4.31E-158	Middle
852-03	1.329	-0.645	0.60	167	1987	164.92	1.04E-34	Upper
852-04	0.961	0.074	0.98	95	1965	2.16	8.40E-79	Lower
852-04	1.460	-1.019	0.94	96	1965	13.78	2.21E-60	Middle
852-04	1.547	-1.326	0.99	100	1965	1.35	6.32E-114	Upper
852-05	1.067	-0.272	0.90	82	1964	10.56	3.11E-41	Lower
852-05	1.607	-1.259	1.00	79	1964	0.87	2.10E-93	Middle
852-05	1.545	-1.326	0.99	88	1964	1.41	4.38E-95	Upper
852-06	0.930	0.008	0.99	120	1957	1.16	6.62E-118	Lower
852-06	1.335	-0.793	0.92	121	1957	20.74	5.36E-66	Middle
852-06	1.560	-1.312	0.99	126	1957	1.64	1.85E-143	Upper
852-07	0.848	0.088	0.91	57	1990	2.46	9.18E-31	Lower
852-07	0.790	-0.112	0.96	56	1990	0.85	2.25E-40	Middle
852-07	0.892	-0.538	0.68	63	1990	14.62	8.46E-17	Upper
852-09	0.913	0.341	0.94	76	1991	2.02	2.57E-47	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-09	0.916	0.052	0.96	74	1991	1.17	5.94E-53	Middle
852-09	0.802	-0.051	0.89	82	1991	3.27	1.65E-40	Upper
852-11	0.768	0.849	0.91	221	1974	11.87	2.13E-116	Lower
852-11	1.022	0.337	0.93	219	1974	16.87	4.95E-125	Middle
852-11	1.068	-0.350	0.74	227	1974	84.87	4.92E-67	Upper
852-12	0.769	0.631	0.88	190	1978	13.97	8.65E-90	Lower
852-12	0.916	0.251	0.92	193	1978	12.54	2.11E-108	Middle
852-12	1.307	-0.358	0.80	200	1973	80.13	4.89E-71	Upper
852-13	1.011	0.178	1.00	26	1951	0.19	1.61E-29	Lower
852-13	1.011	0.092	1.00	23	1951	0.04	1.84E-32	Middle
852-13	1.031	-0.137	0.93	32	1951	3.69	7.91E-19	Upper
852-15	0.973	0.051	0.99	150	1960	1.26	5.95E-147	Lower
852-15	1.449	-0.880	0.94	146	1960	15.09	2.24E-90	Middle
852-15	1.589	-1.282	1.00	156	1960	1.48	1.06E-181	Upper
852-16	0.712	0.944	0.88	50	1972	3.58	4.54E-24	Lower
852-16	0.937	0.570	0.85	49	1972	8.10	5.11E-21	Middle
852-16	1.055	0.304	0.90	55	1972	7.27	4.86E-28	Upper
852-17	1.017	0.162	0.99	29	1972	0.25	4.80E-29	Lower
852-17	0.998	0.081	1.00	25	1972	0.10	3.93E-28	Middle
852-17	0.971	0.052	0.99	35	1972	0.16	2.84E-39	Upper
852-19	0.994	0.412	0.99	45	1972	0.29	2.40E-49	Lower
852-19	1.010	0.227	0.99	43	1972	0.47	1.58E-42	Middle
852-19	1.016	0.101	0.99	50	1972	0.31	5.80E-56	Upper
852-20	0.461	0.465	0.71	30	1994	1.39	5.15E-09	Lower
852-20	0.361	0.250	0.53	29	1994	1.76	6.68E-06	Middle
852-21	0.663	0.532	0.67	99	1991	16.68	7.58E-25	Lower
852-25	0.793	0.426	0.88	66	1971	6.41	6.43E-31	Lower
852-25	0.858	0.125	0.88	66	1971	7.14	3.85E-31	Middle
852-25	0.815	-0.059	0.85	72	1971	8.90	5.22E-31	Upper
852-26	0.762	0.638	0.90	156	1984	8.58	9.32E-79	Lower
852-26	0.870	0.327	0.90	159	1984	11.11	1.83E-81	Middle
852-26	1.204	-0.168	0.76	165	1984	64.78	4.11E-52	Upper
852-30	0.723	0.574	0.89	104	1963	8.20	7.55E-50	Lower
852-30	0.995	0.060	0.74	106	1963	44.08	5.76E-32	Middle
852-30	1.671	-0.869	0.89	109	1963	45.88	4.53E-52	Upper
852-32	1.057	0.135	0.98	8	1974	0.19	2.07E-06	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-32	0.975	0.045	0.98	8	1974	0.16	2.07E-06	Middle
852-32	1.189	-0.388	0.87	13	1974	2.91	3.07E-06	Upper
852-36	0.993	0.075	1.00	37	1974	0.18	1.86E-42	Lower
852-36	0.918	-0.007	1.00	34	1974	0.11	2.46E-40	Middle
852-36	1.307	-0.697	0.89	42	1974	9.09	8.64E-21	Upper
853-01	0.947	0.182	0.95	179	1958	9.00	1.87E-120	Lower
853-01	1.314	-0.656	0.75	176	1958	117.77	2.22E-54	Middle
853-01	1.702	-1.535	0.89	185	1958	78.70	9.08E-89	Upper
853-02	0.628	0.427	0.79	228	1967	21.53	8.80E-78	Lower
853-02	0.748	0.069	0.81	230	1965	27.14	9.16E-84	Middle
853-02	0.795	-0.273	0.65	235	1965	69.70	2.03E-55	Upper
853-03	0.520	0.547	0.65	88	1994	6.95	3.54E-21	Lower
853-03	0.511	0.345	0.67	88	1994	5.99	1.08E-22	Middle
853-03	0.478	0.166	0.53	94	1994	10.29	1.07E-16	Upper
853-04	0.963	0.062	0.98	96	1960	1.50	2.16E-86	Lower
853-04	1.276	-0.744	0.90	94	1960	16.53	1.46E-48	Middle
853-04	1.539	-1.336	1.00	102	1960	0.32	1.66E-146	Upper
853-05	1.026	0.110	0.99	75	1966	0.89	2.49E-73	Lower
853-05	0.978	0.057	0.99	76	1960	1.13	5.45E-70	Middle
853-05	1.090	-0.249	0.90	85	1960	11.18	5.63E-43	Upper
853-07	1.002	0.083	0.99	21	1957	0.45	2.19E-19	Lower
853-07	1.461	-0.777	0.89	21	1957	8.23	1.08E-10	Middle
853-07	1.657	-1.240	1.00	26	1957	0.27	8.39E-33	Upper
853-08	0.935	0.425	0.96	80	1982	2.53	3.80E-57	Lower
853-08	1.015	0.150	0.98	81	1982	1.37	1.76E-71	Middle
853-08	0.965	0.054	0.99	86	1982	1.04	2.17E-79	Upper
853-09	1.035	0.407	0.99	52	1979	0.48	1.90E-54	Lower
853-09	1.022	0.259	0.97	50	1979	1.56	1.73E-39	Middle
853-09	1.499	-0.448	0.84	56	1979	25.53	2.14E-23	Upper
853-10	0.733	0.963	0.86	89	1977	4.75	4.04E-39	Lower
853-10	0.764	0.776	0.90	91	1977	3.82	1.55E-45	Middle
853-10	0.794	0.557	0.89	93	1977	4.42	1.22E-45	Upper
853-11	1.036	-0.050	0.91	34	1958	5.08	5.95E-18	Lower
853-11	1.662	-1.153	0.99	35	1958	0.81	9.53E-38	Middle
853-11	1.567	-1.296	0.99	39	1958	0.98	1.42E-40	Upper
853-12	0.861	0.650	0.91	78	1979	5.18	1.30E-40	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-12	0.945	0.367	0.94	78	1979	4.09	4.39E-47	Middle
853-12	1.006	0.134	0.93	84	1979	5.77	5.04E-48	Upper
853-14	0.938	0.085	0.88	57	1968	7.50	1.76E-27	Lower
853-14	0.933	-0.192	0.78	55	1968	15.53	2.73E-19	Middle
853-14	1.627	-1.635	0.76	63	1968	60.27	1.92E-20	Upper
853-15	0.936	0.378	0.94	24	1974	1.07	2.59E-15	Lower
853-15	0.959	0.230	0.97	24	1974	0.80	1.27E-17	Middle
853-15	0.937	0.031	0.95	30	1974	1.15	5.19E-20	Upper
853-16	0.946	0.173	0.96	103	1967	3.73	3.97E-72	Lower
853-16	0.936	0.029	0.96	103	1967	3.48	4.27E-73	Middle
853-16	1.250	-0.578	0.87	112	1972	24.54	1.99E-50	Upper
853-17	0.987	0.070	0.97	28	1955	0.77	2.65E-22	Lower
853-17	1.152	-0.421	0.89	31	1955	6.16	3.33E-15	Middle
853-17	1.567	-1.305	0.99	34	1955	1.04	1.16E-32	Upper
853-18	1.021	0.223	0.98	75	1974	1.65	2.10E-61	Lower
853-18	0.984	0.067	0.98	75	1974	1.07	5.09E-67	Middle
853-18	1.144	-0.330	0.87	81	1974	13.80	5.03E-37	Upper
853-19	0.844	0.057	0.85	40	1954	5.83	3.98E-17	Lower
853-19	0.890	-0.377	0.61	35	1954	21.74	3.84E-08	Middle
853-19	1.481	-1.593	0.71	46	1954	46.68	2.90E-13	Upper
853-20	0.938	0.045	0.98	190	1984	3.03	1.89E-163	Lower
853-20	1.334	-0.700	0.89	194	1960	37.90	1.04E-95	Middle
853-20	1.579	-1.211	0.98	201	1960	9.63	1.51E-169	Upper
853-22	1.486	-1.395	1.00	126	1951	1.37	9.52E-147	Lower
853-22	1.432	-1.453	1.00	131	1951	0.94	2.33E-162	Middle
853-22	1.370	-1.519	0.99	132	1951	2.31	6.22E-136	Upper
853-26	0.991	0.106	0.99	107	1966	0.70	4.04E-115	Lower
853-26	0.936	0.013	1.00	109	1966	0.28	1.28E-136	Middle
853-26	1.228	-0.618	0.89	113	1966	19.94	3.70E-55	Upper
853-27	0.950	0.084	0.98	36	1977	0.55	1.84E-30	Lower
853-27	0.900	-0.023	0.99	38	1977	0.22	2.31E-39	Middle
853-27	1.665	-1.191	0.99	42	1977	0.56	2.49E-46	Upper
853-28	0.636	0.691	0.87	109	1983	5.96	9.85E-49	Lower
853-28	0.833	0.430	0.82	110	1983	14.69	1.14E-41	Middle
853-28	0.973	0.219	0.88	115	1983	13.35	3.15E-53	Upper
853-33	0.827	0.314	0.91	196	1982	13.20	1.43E-105	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-33	1.033	-0.224	0.86	201	1968	37.65	5.41E-86	Middle
853-33	1.536	-1.178	0.96	207	1982	21.08	4.34E-145	Upper
853-34	0.884	0.337	0.94	135	1961	8.24	1.34E-84	Lower
853-34	0.997	-0.203	0.71	134	1961	70.49	5.34E-37	Middle
853-34	1.709	-1.475	0.89	144	1961	67.06	1.14E-69	Upper
853-37	0.741	0.638	0.88	65	1967	5.31	5.07E-31	Lower
853-37	0.872	0.280	0.92	59	1967	4.49	6.84E-33	Middle
853-37	0.919	0.001	0.81	78	1967	15.72	1.63E-29	Upper
853-39	0.911	0.378	0.89	42	1991	2.40	3.86E-21	Lower
853-39	0.940	0.073	0.96	47	1991	0.96	1.12E-33	Middle
853-39	0.866	-0.006	0.94	48	1991	1.29	4.44E-30	Upper
853-41	0.677	0.722	0.88	13	1967	0.76	1.80E-06	Lower
853-41	0.807	0.362	0.87	11	1967	1.30	2.69E-05	Middle
853-41	0.960	0.262	0.88	19	1967	2.24	3.52E-09	Upper
854-01	0.644	0.799	0.83	271	1962	22.88	1.92E-106	Lower
854-01	0.910	0.342	0.85	274	1990	41.38	7.78E-113	Middle
854-01	1.278	-0.529	0.64	280	1962	253.96	2.48E-64	Upper
854-03	0.946	0.500	0.99	107	1981	0.95	1.72E-101	Lower
854-03	0.955	0.345	0.99	105	1981	0.58	5.83E-111	Middle
854-03	0.962	0.192	0.98	113	1981	1.36	7.20E-101	Upper
854-09	0.919	0.515	0.98	28	1977	0.53	1.87E-23	Lower
854-09	0.942	0.387	0.98	33	1977	0.64	2.76E-27	Middle
854-09	0.930	0.197	0.97	37	1977	1.12	4.20E-27	Upper
854-12	0.996	0.759	0.97	17	1986	0.53	2.24E-12	Lower
854-12	0.989	0.507	0.98	17	1986	0.33	6.84E-14	Middle
854-12	1.386	-0.660	0.69	22	1986	15.63	1.51E-06	Upper
854-13	0.751	0.686	0.83	82	1956	7.03	5.71E-33	Lower
854-13	0.866	0.363	0.94	84	1960	2.91	2.58E-53	Middle
854-13	1.007	0.042	0.88	95	1960	9.89	1.04E-44	Upper
854-15	0.999	0.111	0.99	58	1965	0.31	3.56E-65	Lower
854-15	0.959	0.036	1.00	56	1965	0.05	4.13E-83	Middle
854-15	0.912	-0.014	1.00	64	1965	0.12	3.36E-83	Upper
854-20	0.876	0.454	0.94	13	1970	0.70	4.79E-08	Lower
854-20	0.909	0.311	0.93	13	1970	1.15	1.57E-07	Middle
854-20	1.014	-0.146	0.71	19	1970	8.25	6.17E-06	Upper
854-22	0.969	0.446	0.99	24	1976	0.23	1.26E-22	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-22	0.974	0.359	1.00	28	1976	0.11	5.86E-32	Middle
854-22	0.962	0.286	0.99	30	1976	0.20	1.46E-30	Upper
854-23	0.900	0.315	0.97	250	1985	5.42	2.77E-185	Lower
854-23	0.959	0.069	0.99	247	1974	2.58	2.15E-227	Middle
854-23	1.024	-0.192	0.87	267	1984	31.79	3.20E-119	Upper
854-24	0.862	0.084	0.87	66	1957	9.11	1.58E-30	Lower
854-24	0.854	-0.087	0.86	68	1957	10.60	1.71E-29	Middle
854-24	1.365	-1.269	0.71	72	1957	69.31	1.41E-20	Upper
854-25	0.911	0.328	0.98	44	1978	0.63	1.19E-38	Lower
854-25	0.987	0.125	0.98	45	1978	0.78	6.37E-39	Middle
854-25	0.965	0.067	0.98	55	1966	0.87	1.96E-47	Upper
854-27	0.926	0.573	0.98	18	1985	0.23	6.33E-15	Lower
854-27	0.964	0.440	0.99	18	1985	0.09	4.19E-19	Middle
854-27	0.958	0.347	0.99	24	1985	0.10	1.06E-25	Upper
854-28	0.660	0.879	0.85	153	1994	5.68	7.36E-64	Lower
854-28	0.667	0.732	0.87	152	1994	4.90	2.67E-68	Middle
854-28	0.681	0.568	0.86	157	1994	5.87	3.94E-67	Upper
855-09	0.932	0.237	0.95	195	1989	5.23	9.59E-131	Lower
855-09	0.927	0.034	0.98	194	1989	1.63	7.95E-176	Middle
855-09	0.880	-0.081	0.94	201	1989	6.08	4.57E-125	Upper
855-13	0.564	0.568	0.77	17	1982	0.65	3.56E-06	Lower
855-13	0.603	0.399	0.84	17	1982	0.49	2.50E-07	Middle
855-13	0.669	0.207	0.85	22	1982	0.75	8.05E-10	Upper
855-15	0.613	0.615	0.91	12	1994	0.23	1.27E-06	Lower
855-15	0.584	0.526	0.87	17	1994	0.46	4.32E-08	Middle
855-15	0.539	0.282	0.82	18	1994	0.59	1.89E-07	Upper
856-01	0.976	0.089	0.99	105	1958	1.05	1.05E-104	Lower
856-01	0.938	0.014	1.00	102	1958	0.13	2.46E-144	Middle
856-01	1.005	-0.230	0.92	111	1958	10.52	1.04E-60	Upper
856-02	0.926	0.147	0.98	251	1951	6.76	8.27E-206	Lower
856-02	0.985	-0.122	0.88	253	1951	46.24	4.99E-116	Middle
856-02	1.587	-1.288	0.90	260	1959	98.18	9.72E-130	Upper
856-06	1.010	0.135	1.00	42	1962	0.19	1.05E-48	Lower
856-06	0.995	0.077	1.00	40	1962	0.06	3.33E-55	Middle
856-06	0.920	-0.003	0.99	48	1962	0.40	8.42E-48	Upper
856-07	0.994	0.136	0.99	186	1965	1.42	7.20E-195	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
856-07	0.970	0.052	1.00	187	1965	0.63	1.29E-227	Middle
856-07	0.938	-0.045	0.97	192	1965	5.30	2.80E-144	Upper
856-08	0.978	0.210	0.99	119	1964	1.00	1.61E-121	Lower
856-08	0.994	0.076	1.00	117	1964	0.28	5.47E-152	Middle
856-08	0.948	0.026	0.99	125	1964	0.57	2.48E-142	Upper
857-02	0.943	0.050	0.98	66	1966	0.93	8.32E-59	Lower
857-02	0.909	-0.017	1.00	69	1966	0.10	8.51E-94	Middle
857-02	1.057	-0.356	0.89	72	1966	9.42	2.98E-35	Upper
857-03	0.994	0.072	1.00	36	1963	0.03	3.84E-53	Lower
857-03	0.961	0.038	1.00	41	1963	0.04	2.87E-59	Middle
857-03	0.939	0.015	1.00	42	1963	0.06	1.40E-56	Upper
857-04	0.916	0.433	0.95	36	1986	0.99	2.11E-24	Lower
857-04	0.919	0.013	0.98	41	1986	0.46	2.82E-35	Middle
857-04	0.818	-0.090	0.97	42	1986	0.59	3.25E-32	Upper
857-05	0.954	0.431	0.99	78	1976	0.65	1.47E-76	Lower
857-05	0.974	0.243	0.99	77	1976	0.61	3.51E-77	Middle
857-05	0.954	0.035	0.99	84	1976	0.62	1.91E-84	Upper
857-06	1.001	0.098	0.99	124	1976	0.75	6.15E-133	Lower
857-06	0.945	0.024	1.00	130	1976	0.29	3.38E-164	Middle
857-06	0.880	-0.044	0.99	130	1976	0.94	1.71E-127	Upper
857-08	0.975	0.357	1.00	42	1965	0.10	1.94E-53	Lower
857-08	0.956	0.336	1.00	40	1965	0.08	8.17E-52	Middle
857-08	0.956	0.261	0.99	48	1965	0.31	9.72E-51	Upper
857-09	0.950	0.024	1.00	71	1963	0.25	1.07E-84	Lower
857-09	0.891	-0.038	1.00	67	1963	0.14	1.71E-85	Middle
857-09	1.546	-1.176	0.98	77	1963	3.88	1.11E-64	Upper
857-11	0.991	0.252	0.99	59	1965	0.47	5.53E-61	Lower
857-11	0.996	0.073	1.00	61	1965	0.24	6.84E-73	Middle
857-11	1.211	-0.601	0.88	65	1965	12.16	4.15E-31	Upper
857-12	0.994	0.191	0.99	74	1975	0.83	4.11E-70	Lower
857-12	0.967	0.046	1.00	72	1975	0.17	2.74E-90	Middle
857-12	0.953	-0.109	0.94	80	1975	4.35	1.68E-48	Upper
857-20	1.013	0.208	0.99	39	1972	0.50	1.86E-36	Lower
857-20	1.003	0.087	1.00	37	1972	0.08	2.61E-47	Middle
857-20	0.961	0.042	0.99	45	1972	0.20	7.48E-51	Upper
857-23	0.931	0.008	0.99	18	1972	0.12	7.23E-18	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-23	0.895	-0.029	1.00	17	1972	0.04	2.07E-20	Middle
857-23	1.247	-0.648	0.89	24	1972	4.14	5.75E-12	Upper
857-25	0.996	0.239	0.97	178	1986	3.28	1.88E-141	Lower
857-25	0.974	0.063	1.00	178	1986	0.52	1.99E-209	Middle
857-25	0.895	-0.020	0.98	184	1986	1.64	6.49E-166	Upper
857-26	0.946	0.026	0.99	36	1967	0.21	3.10E-38	Lower
857-26	0.906	-0.018	1.00	40	1967	0.15	5.52E-46	Middle
857-26	0.865	-0.062	0.99	42	1967	0.23	5.41E-44	Upper
857-32	0.973	0.379	0.98	40	1981	0.50	1.50E-35	Lower
857-32	0.933	0.309	0.98	36	1981	0.44	2.87E-31	Middle
857-32	0.999	0.078	0.97	46	1981	1.03	5.17E-36	Upper
857-33	0.946	0.048	0.98	95	1979	1.47	8.05E-80	Lower
857-33	0.877	-0.042	0.99	95	1979	0.49	1.51E-98	Middle
857-33	1.040	-0.450	0.84	101	1979	16.64	2.48E-41	Upper
857-35	0.570	0.767	0.89	7	1967	0.40	1.48E-03	Lower
857-35	0.705	0.557	0.75	8	1967	1.62	5.31E-03	Middle
857-35	0.880	0.146	0.88	13	1967	1.78	2.11E-06	Upper
857-36	0.936	0.015	0.99	24	1967	0.18	5.66E-24	Lower
857-36	0.882	-0.046	1.00	29	1967	0.06	5.26E-36	Middle
857-36	1.300	-0.794	0.90	30	1967	5.13	1.10E-15	Upper
857-37	0.934	0.477	0.99	118	1986	0.78	3.95E-116	Lower
857-37	0.957	0.348	0.99	116	1986	0.45	1.81E-128	Middle
857-37	0.896	0.285	0.98	124	1986	1.26	1.78E-108	Upper
857-63	0.950	0.479	0.98	198	1985	2.58	1.90E-168	Lower
857-63	0.985	0.154	0.99	202	1985	1.96	5.78E-188	Middle
857-63	0.909	-0.004	0.98	204	1985	2.08	2.26E-180	Upper
857-65	1.006	0.177	0.99	60	1966	0.84	3.84E-55	Lower
857-65	0.928	0.004	0.99	62	1966	0.55	1.84E-61	Middle
857-65	1.472	-1.043	0.95	66	1966	7.00	1.33E-43	Upper
857-66	0.984	1.104	0.99	88	1966	0.46	4.56E-91	Lower
857-66	0.961	0.947	0.99	88	1966	0.28	3.17E-99	Middle
857-66	0.963	0.778	0.98	91	1966	0.95	4.80E-80	Upper
857-67	0.604	1.038	0.83	35	1966	2.64	3.52E-14	Lower
857-67	0.839	0.696	0.78	34	1966	6.90	3.84E-12	Middle
857-67	1.022	0.384	0.85	41	1966	7.62	2.22E-17	Upper
857-68	0.794	0.551	0.91	85	1966	4.46	8.58E-46	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-68	0.873	0.195	0.94	86	1966	3.85	4.94E-52	Middle
857-68	0.883	-0.085	0.85	91	1966	11.20	7.87E-38	Upper
858-01	0.838	0.371	0.94	112	1991	3.13	9.73E-68	Lower
858-01	0.826	0.150	0.94	111	1991	2.77	3.38E-69	Middle
858-01	0.817	-0.044	0.93	118	1991	3.35	8.77E-70	Upper
858-02	0.958	0.341	0.99	50	1967	0.35	1.78E-52	Lower
858-02	0.998	0.158	0.99	51	1967	0.35	1.84E-53	Middle
858-02	0.973	0.054	0.99	56	1967	0.32	1.24E-61	Upper
858-05	0.916	0.437	0.95	112	1979	4.12	3.26E-74	Lower
858-05	0.935	0.160	0.97	110	1979	2.85	6.93E-82	Middle
858-05	0.953	-0.086	0.90	119	1979	9.84	2.70E-61	Upper
858-08	0.975	0.376	0.99	28	1970	0.31	1.29E-27	Lower
858-08	0.946	0.269	0.99	26	1970	0.36	7.55E-24	Middle
858-08	1.055	-0.115	0.90	35	1973	4.93	6.95E-18	Upper
858-11	0.993	0.145	0.98	88	1987	0.92	9.12E-80	Lower
858-11	0.974	0.047	1.00	89	1987	0.21	6.76E-108	Middle
858-11	1.025	-0.148	0.90	94	1987	7.52	1.28E-47	Upper
858-12	0.727	0.759	0.88	54	1956	4.00	1.75E-25	Lower
858-12	0.914	0.451	0.87	54	1956	6.96	1.71E-24	Middle
858-12	1.677	-0.484	0.83	59	1956	33.07	6.88E-24	Upper
859-01	0.986	0.068	0.99	34	1958	0.20	2.21E-37	Lower
859-01	0.929	0.006	0.99	34	1958	0.23	1.32E-35	Middle
859-01	1.382	-0.931	0.92	40	1958	6.76	1.05E-22	Upper
859-02	0.955	0.338	0.99	46	1968	0.40	7.27E-46	Lower
859-02	0.995	0.080	0.99	43	1968	0.51	2.90E-41	Middle
859-02	1.379	-0.837	0.91	52	1968	8.92	2.90E-28	Upper
859-03	0.905	0.136	0.96	76	1990	1.64	4.24E-53	Lower
859-03	0.892	0.000	0.98	82	1990	0.72	7.74E-72	Middle
859-03	1.108	-0.464	0.80	82	1990	15.77	2.01E-29	Upper
859-04	0.856	-0.027	0.79	160	1960	32.21	3.50E-56	Lower
859-04	0.782	-0.122	0.70	162	1960	45.56	3.15E-43	Middle
859-04	0.834	-0.521	0.54	166	1960	106.30	4.26E-29	Upper
859-05	1.001	0.139	0.99	100	1965	1.24	6.02E-95	Lower
859-05	0.953	0.033	0.99	100	1965	0.63	3.63E-107	Middle
859-05	1.057	-0.299	0.89	106	1965	13.75	2.68E-52	Upper
859-06	0.956	0.038	0.98	114	1966	2.21	1.06E-94	Lower

$$RI = 10^{b} \cdot \left(SA\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-06	0.889	-0.035	0.99	116	1966	0.83	6.13E-118	Middle
859-06	1.572	-1.195	0.98	120	1966	5.27	3.39E-104	Upper
859-07	0.919	0.436	0.85	27	1985	3.29	8.02E-12	Lower
859-07	0.926	0.249	0.83	27	1985	4.03	2.89E-11	Middle
859-07	1.402	-0.782	0.61	33	1985	32.52	7.42E-08	Upper
859-08	0.801	0.457	0.85	310	1992	30.11	9.53E-130	Lower
859-08	0.893	0.061	0.94	314	1978	13.74	8.84E-193	Middle
859-08	1.418	-0.854	0.89	329	1992	71.40	1.15E-156	Upper
859-11	0.554	0.650	0.77	89	1951	7.32	2.96E-29	Lower
859-11	0.667	0.320	0.76	88	1992	11.09	4.03E-28	Middle
859-11	0.939	-0.175	0.68	96	1951	35.08	8.62E-25	Upper
859-12	0.979	0.058	0.99	60	1970	0.72	7.51E-56	Lower
859-12	0.927	0.002	1.00	63	1970	0.23	1.67E-73	Middle
859-12	1.370	-0.789	0.91	66	1970	10.71	1.22E-35	Upper
859-13	0.413	0.933	0.73	64	1961	5.06	3.39E-19	Lower
859-13	0.618	0.542	0.65	63	1961	15.97	1.87E-15	Middle
859-13	1.399	-0.551	0.71	70	1961	66.95	3.42E-20	Upper
859-14	0.969	0.100	0.98	154	1970	3.30	1.33E-124	Lower
859-14	0.916	-0.005	0.99	152	1970	0.91	8.47E-161	Middle
859-14	0.934	-0.133	0.94	160	1970	8.64	1.30E-96	Upper
859-15	0.751	0.464	0.84	111	1990	8.06	2.80E-45	Lower
859-15	0.877	0.182	0.89	111	1990	7.07	6.69E-55	Middle
859-15	1.168	-0.233	0.72	117	1990	40.92	7.14E-34	Upper
859-17	0.616	0.885	0.83	83	1956	6.96	7.48E-33	Lower
859-17	0.791	0.471	0.80	80	1956	13.33	2.85E-29	Middle
859-17	1.326	-0.281	0.74	89	1956	57.99	2.69E-27	Upper
859-18	0.719	0.842	0.92	22	1981	0.91	3.09E-12	Lower
859-18	0.877	0.641	0.87	24	1981	2.15	2.25E-11	Middle
859-18	1.095	0.325	0.91	28	1981	2.62	2.27E-15	Upper
859-19	0.779	0.688	0.92	114	1981	5.41	1.01E-63	Lower
859-19	0.921	0.405	0.89	114	1981	10.81	2.95E-56	Middle
859-19	1.063	0.156	0.87	119	1981	18.70	3.81E-53	Upper
859-20	0.975	0.115	0.97	54	1966	1.37	3.38E-43	Lower
859-20	0.925	-0.001	0.98	54	1966	0.73	4.21E-48	Middle
859-20	1.503	-1.012	0.95	60	1966	7.35	2.86E-39	Upper
859-21	0.931	0.575	0.98	257	1994	3.35	1.82E-206	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-21	0.953	0.316	0.98	254	1994	3.40	2.82E-205	Middle
859-21	1.005	-0.008	0.83	261	1992	32.09	4.55E-101	Upper
859-22	0.948	0.052	0.97	246	1965	6.12	2.23E-192	Lower
859-22	0.903	-0.018	0.98	243	1964	4.65	5.43E-199	Middle
859-22	1.329	-0.813	0.91	257	1965	44.84	1.66E-133	Upper
859-24	0.868	0.768	0.96	29	1991	0.59	6.50E-20	Lower
859-24	0.889	0.542	0.97	31	1991	0.45	4.41E-24	Middle
859-24	0.940	0.297	0.97	35	1991	0.60	2.08E-26	Upper
859-25	0.649	0.807	0.86	148	1973	9.16	3.10E-65	Lower
859-25	0.830	0.481	0.82	148	1973	20.44	5.16E-57	Middle
859-25	1.053	0.128	0.79	154	1973	41.05	4.32E-54	Upper
860-01	0.964	0.459	0.98	60	1980	1.00	4.45E-51	Lower
860-01	0.951	0.335	0.99	59	1980	0.33	4.70E-64	Middle
860-01	1.015	0.104	0.99	65	1980	0.67	3.16E-63	Upper
860-07	1.014	0.089	0.99	76	1955	1.09	3.42E-78	Lower
860-07	1.331	-0.611	0.86	73	1955	33.97	5.80E-32	Middle
860-07	1.621	-1.276	0.99	81	1955	1.96	3.77E-90	Upper
860-08	0.979	0.061	0.99	21	1945	0.20	2.94E-21	Lower
860-08	0.929	0.004	1.00	23	1945	0.10	3.94E-26	Middle
860-08	1.281	-0.820	0.91	30	1953	5.11	2.74E-16	Upper
860-10	0.489	0.725	0.70	7	1953	0.79	1.91E-02	Lower
860-10	1.477	-0.694	0.75	13	1953	9.32	1.22E-04	Upper
861-03	0.945	0.083	0.98	89	1964	1.85	9.41E-73	Lower
861-03	1.312	-0.725	0.91	85	1964	13.99	5.62E-45	Middle
861-03	1.589	-1.285	1.00	95	1964	0.43	4.00E-129	Upper
861-04	0.423	1.309	0.75	64	1964	4.03	4.08E-20	Lower
861-04	0.692	0.942	0.66	63	1964	16.03	8.96E-16	Middle
861-04	0.976	0.474	0.70	70	1964	28.69	1.40E-19	Upper
861-05	1.000	0.082	0.99	17	1955	0.13	1.27E-17	Lower
861-05	0.931	0.006	0.99	16	1955	0.17	3.39E-15	Middle
861-05	1.360	-1.032	0.92	23	1955	3.78	3.36E-13	Upper
861-06	0.928	0.352	0.97	56	1981	1.05	1.87E-44	Lower
861-06	1.007	0.104	0.98	53	1981	0.90	1.62E-44	Middle
861-06	0.947	0.040	0.97	62	1981	1.56	5.76E-46	Upper
861-07	0.955	0.336	1.00	10	1964	0.05	1.64E-10	Lower
861-07	1.027	0.110	0.99	8	1964	0.03	4.81E-08	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
861-07	0.973	0.048	1.00	16	1964	0.08	1.17E-17	Upper
861-08	0.642	0.741	0.83	116	1977	10.10	5.71E-45	Lower
861-08	0.878	0.235	0.87	121	1977	14.09	5.66E-54	Middle
861-08	0.867	0.016	0.85	125	1977	16.07	1.70E-52	Upper
861-09	0.978	0.057	1.00	22	1956	0.03	6.62E-31	Lower
861-09	0.955	0.033	1.00	20	1956	0.03	5.56E-26	Middle
861-09	0.911	-0.013	0.99	28	1956	0.23	3.74E-28	Upper
861-10	0.973	0.404	0.99	25	1983	0.23	9.52E-25	Lower
861-10	0.981	0.272	0.99	28	1983	0.30	8.41E-27	Middle
861-10	0.995	0.065	1.00	30	1983	0.10	3.73E-36	Upper
861-11	1.034	0.117	0.99	59	1979	0.26	3.31E-67	Lower
861-11	0.971	0.050	0.99	55	1979	0.22	4.65E-62	Middle
861-11	0.996	-0.104	0.93	65	1979	4.23	3.53E-37	Upper
861-12	0.793	0.790	0.91	155	1993	5.51	8.27E-82	Lower
861-12	0.785	0.622	0.93	156	1993	4.31	1.59E-89	Middle
861-12	0.803	0.431	0.81	162	1993	14.24	5.48E-60	Upper
861-14	0.820	0.548	0.90	191	1974	14.56	3.74E-96	Lower
861-14	0.938	0.199	0.96	191	1974	7.74	3.66E-131	Middle
861-14	1.024	-0.120	0.85	200	1957	36.97	9.67E-84	Upper
861-15	0.848	0.699	0.76	17	1964	4.45	5.22E-06	Lower
861-15	0.842	0.099	0.71	21	1964	6.16	1.65E-06	Middle
861-15	1.241	-1.168	0.63	23	1964	22.23	5.99E-06	Upper
861-17	0.584	0.773	0.73	9	1959	1.36	3.24E-03	Lower
861-17	0.956	0.310	0.88	11	1959	1.18	1.88E-05	Middle
861-17	0.865	0.031	0.90	15	1959	1.30	6.19E-08	Upper
861-18	0.514	1.077	0.78	55	1983	3.19	4.42E-19	Lower
861-18	0.758	0.728	0.75	55	1983	8.25	1.14E-17	Middle
861-18	1.025	0.268	0.75	61	1983	16.04	1.29E-19	Upper
861-19	0.459	0.850	0.66	15	1986	1.40	2.51E-04	Lower
861-19	0.726	0.525	0.73	18	1986	2.68	5.49E-06	Middle
861-19	0.922	0.224	0.84	21	1986	2.70	5.23E-09	Upper
862-01	0.861	0.364	0.96	109	1977	2.89	1.09E-75	Lower
862-01	0.852	0.239	0.96	110	1977	2.71	3.29E-78	Middle
862-01	0.844	0.074	0.94	115	1977	4.24	3.26E-71	Upper
862-04	0.949	0.028	0.99	123	1963	0.73	6.69E-134	Lower
862-04	0.900	-0.025	1.00	121	1963	0.24	2.69E-156	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
862-04	1.102	-0.443	0.89	129	1963	19.69	4.52E-62	Upper
862-06	0.586	0.911	0.84	71	1960	4.98	4.44E-29	Lower
862-06	0.784	0.600	0.76	75	1960	14.77	1.62E-24	Middle
862-06	1.028	0.229	0.78	77	1960	24.22	2.60E-26	Upper
862-07	0.622	0.891	0.83	92	1955	8.26	6.61E-36	Lower
862-07	0.825	0.391	0.79	95	1955	18.71	5.65E-33	Middle
862-07	1.307	-0.591	0.74	98	1955	64.16	8.47E-30	Upper
862-09	0.547	0.909	0.88	140	1959	8.39	1.12E-64	Lower
862-09	0.757	0.513	0.79	136	1959	29.48	1.88E-47	Middle
862-09	0.923	0.157	0.82	145	1959	37.68	1.03E-55	Upper
862-11	1.015	0.100	0.99	45	1962	0.61	1.48E-42	Lower
862-11	0.992	0.074	0.99	46	1962	0.60	2.88E-43	Middle
862-11	0.964	0.044	0.99	51	1962	0.62	3.57E-48	Upper
862-14	1.026	0.134	1.00	148	1962	0.51	5.65E-183	Lower
862-14	1.002	0.084	1.00	145	1962	0.23	2.63E-201	Middle
862-14	0.959	0.038	1.00	154	1962	0.53	4.89E-186	Upper
862-17	0.466	0.909	0.77	159	1982	9.37	6.44E-52	Lower
862-17	0.723	0.577	0.69	158	1982	33.63	4.63E-41	Middle
862-17	0.905	0.285	0.78	165	1982	33.97	1.06E-55	Upper
862-21	0.996	0.079	1.00	198	1957	0.74	1.20E-240	Lower
862-21	0.957	0.037	1.00	200	1960	0.66	1.11E-243	Middle
862-21	0.922	0.000	0.99	210	1960	1.05	3.39E-234	Upper
863-01	0.886	0.045	0.95	24	1958	0.95	4.50E-16	Lower
863-01	0.872	-0.049	0.97	22	1958	0.57	1.16E-16	Middle
863-01	0.833	-0.091	0.97	30	1958	0.70	2.00E-22	Upper
863-02	0.469	1.299	0.77	158	1951	9.58	7.52E-52	Lower
863-02	0.797	0.860	0.66	154	1952	46.79	1.17E-37	Middle
863-02	1.093	0.418	0.74	165	1951	65.67	4.93E-49	Upper
863-06	0.737	0.775	0.91	167	1984	7.02	1.21E-88	Lower
863-06	0.887	0.480	0.88	168	1984	13.58	2.00E-79	Middle
863-06	1.016	0.213	0.91	173	1984	13.34	1.09E-92	Upper
863-07	0.779	0.917	0.91	152	1990	6.13	6.17E-81	Lower
863-07	0.849	0.678	0.93	153	1990	5.55	1.37E-89	Middle
863-07	0.924	0.472	0.93	158	1990	7.37	6.96E-90	Upper
863-08	0.599	0.629	0.80	49	1976	4.37	4.04E-18	Lower
863-08	0.765	0.343	0.80	49	1976	7.20	3.40E-18	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
863-08	0.830	0.104	0.83	55	1976	7.57	4.28E-22	Upper
863-09	0.914	0.375	0.91	62	1979	4.28	1.84E-33	Lower
863-09	0.976	0.099	0.98	63	1979	1.13	6.59E-53	Middle
863-09	1.079	-0.214	0.82	67	1979	14.77	9.02E-26	Upper
863-10	0.914	0.291	1.00	9	1958	0.04	1.86E-09	Lower
863-10	0.985	0.065	0.99	10	1958	0.06	1.78E-10	Middle
863-10	1.150	-0.422	0.89	15	1958	2.99	1.76E-07	Upper
864-01	1.025	0.183	1.00	23	1965	0.10	1.24E-26	Lower
864-01	1.024	0.107	1.00	19	1965	0.02	4.95E-26	Middle
864-01	0.981	0.061	0.99	29	1965	0.17	2.63E-31	Upper
864-03	0.611	1.204	0.74	77	1994	5.54	2.14E-23	Lower
864-03	0.789	0.797	0.69	74	1994	11.25	9.09E-20	Middle
864-03	0.968	0.276	0.71	81	1994	16.51	5.59E-23	Upper
864-04	0.951	0.304	0.98	82	1987	0.99	2.07E-70	Lower
864-04	0.957	0.056	0.99	80	1987	0.65	7.83E-75	Middle
864-04	0.868	-0.042	0.98	88	1987	0.99	1.28E-73	Upper
864-06	0.978	0.084	0.98	142	1977	2.57	1.11E-117	Lower
864-06	0.886	-0.037	0.99	142	1977	0.59	6.20E-156	Middle
864-06	1.427	-0.966	0.93	148	1977	20.33	3.68E-84	Upper
864-07	0.946	0.378	0.98	158	1980	2.54	2.33E-131	Lower
864-07	0.988	0.078	0.99	155	1980	0.83	3.79E-167	Middle
864-07	0.929	0.011	0.99	164	1980	0.85	3.33E-174	Upper
864-08	0.887	0.689	0.98	33	1985	0.45	3.86E-27	Lower
864-08	0.905	0.547	0.98	37	1985	0.41	2.30E-32	Middle
864-08	0.884	0.380	0.96	39	1985	0.91	8.33E-28	Upper
864-09	0.973	0.361	0.96	91	1986	2.63	1.51E-63	Lower
864-09	0.987	0.072	1.00	90	1986	0.28	2.51E-104	Middle
864-09	0.965	-0.070	0.94	97	1986	4.16	1.36E-59	Upper
864-11	0.871	0.780	0.96	152	1987	3.39	9.62E-106	Lower
864-11	0.901	0.497	0.96	151	1987	3.01	6.26E-110	Middle
864-11	0.891	0.249	0.96	158	1987	3.20	1.73E-114	Upper
864-13	0.973	0.227	0.99	40	1967	0.29	1.31E-41	Lower
864-13	0.992	0.075	0.99	35	1967	0.19	9.57E-39	Middle
864-13	0.928	0.004	1.00	46	1967	0.16	8.11E-54	Upper
864-14	0.454	1.258	0.78	80	1967	5.32	1.39E-27	Lower
864-14	0.662	0.806	0.68	77	1967	18.38	1.99E-20	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
864-14	0.883	0.390	0.76	86	1967	24.78	1.63E-27	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
009-31	0.752	0.160	0.77	46	1982	6.55	1.04E-15	Lower
009-31	0.651	0.069	0.60	46	1982	10.98	2.46E-10	Middle
010-06	0.810	0.259	0.90	67	1982	3.83	3.36E-34	Lower
010-06	1.241	-0.549	0.79	64	1989	21.09	1.03E-22	Middle
010-06	1.648	-1.462	0.84	77	1982	29.12	8.18E-32	Upper
012-30	1.062	0.019	0.85	93	1993	10.70	5.90E-39	Lower
012-30	1.809	-0.847	0.95	96	1993	9.52	1.58E-61	Middle
012-30	1.715	-1.456	0.69	99	1993	74.71	2.72E-26	Upper
018-01	0.695	0.898	0.90	67	1979	2.05	6.88E-35	Lower
018-01	0.652	0.749	0.89	67	1979	2.02	2.51E-33	Middle
018-01	0.534	0.567	0.68	71	1979	5.61	5.93E-19	Upper
019-30	0.937	0.318	0.98	112	1979	1.90	1.09E-91	Lower
019-30	0.943	0.030	0.97	111	1979	2.19	6.55E-87	Middle
019-30	0.794	-0.115	0.83	120	1979	12.12	1.03E-47	Upper
029-03	1.263	-0.568	0.75	7	1973	4.70	1.13E-02	Lower
029-03	1.610	-1.263	1.00	8	1973	0.03	6.79E-10	Middle
029-03	1.414	-1.370	0.91	13	1973	2.96	4.27E-07	Upper
029-04	1.660	-1.121	0.98	238	1979	13.27	6.37E-199	Lower
029-04	1.558	-1.322	0.99	235	1979	7.75	7.05E-216	Middle
029-04	1.332	-1.572	0.95	244	1979	21.54	4.25E-158	Upper
029-06	0.950	-0.125	0.94	73	1961	4.57	1.68E-44	Lower
029-06	1.570	-1.301	1.00	77	1961	0.85	8.36E-91	Middle
029-06	1.400	-1.479	0.94	79	1961	9.80	1.61E-49	Upper
029-07	0.716	0.713	0.93	113	1980	3.91	2.28E-67	Lower
029-07	0.818	0.398	0.92	115	1980	6.59	9.01E-63	Middle
029-07	1.079	-0.364	0.58	119	1980	93.95	5.66E-24	Upper
030-32	0.768	0.225	0.87	11	1977	0.68	2.49E-05	Lower
030-32	0.786	-0.060	0.93	10	1977	0.36	7.51E-06	Middle
031-06	0.693	1.109	0.70	33	1991	4.35	1.28E-09	Lower
031-06	0.667	0.928	0.61	34	1991	5.98	5.91E-08	Middle
031-06	0.852	0.529	0.60	39	1991	11.72	6.76E-09	Upper
031-09	1.019	0.344	0.96	41	1989	1.23	1.90E-29	Lower
031-09	0.939	0.051	0.94	41	1989	1.58	1.48E-25	Middle
031-09	1.298	-0.712	0.77	47	1989	16.95	4.27E-16	Upper
033-01	0.747	0.335	0.90	25	1994	0.88	3.06E-13	Lower
033-01	1.446	-0.485	0.83	23	1994	6.18	1.45E-09	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
033-01	1.859	-1.566	0.79	34	1994	18.40	1.81E-12	Upper
033-02	1.508	-1.195	0.59	29	1982	29.51	1.18E-06	Upper
035-03	1.031	0.187	0.99	23	1984	0.27	8.43E-21	Lower
035-03	1.009	0.083	0.98	21	1984	0.29	2.23E-18	Middle
035-03	0.916	-0.018	0.94	29	1984	1.17	5.30E-18	Upper
035-04	0.812	0.657	0.96	9	1993	0.17	3.46E-06	Lower
035-04	0.762	0.547	0.88	10	1993	0.43	5.61E-05	Middle
035-04	0.797	0.141	0.68	17	1993	3.20	5.00E-05	Upper
038-01	0.893	0.418	0.93	116	1991	5.10	8.43E-69	Lower
038-01	0.982	0.105	0.89	114	1991	10.49	8.19E-56	Middle
038-01	1.705	-1.009	0.93	124	1972	21.58	3.75E-71	Upper
038-02	0.875	0.229	0.92	7	1976	0.49	6.11E-04	Lower
038-02	1.893	-1.425	0.81	9	1976	6.73	9.48E-04	Middle
038-02	1.753	-1.462	0.86	12	1976	6.06	1.40E-05	Upper
039-01	0.873	0.277	0.94	79	1986	3.42	3.15E-48	Lower
039-01	0.894	0.019	0.91	82	1986	5.72	7.20E-43	Middle
039-01	1.678	-0.922	0.87	84	1986	29.60	2.64E-38	Upper
040-04	1.745	-1.349	0.75	37	1984	32.84	4.49E-12	Middle
040-04	1.590	-1.499	0.68	47	1984	46.34	1.14E-12	Upper
041-02	0.914	0.094	0.95	207	1995	8.39	2.22E-132	Lower
041-02	1.592	-1.081	0.91	207	1984	44.47	3.00E-109	Middle
041-02	1.511	-1.568	0.85	217	1984	76.13	3.05E-89	Upper
041-03	0.718	0.682	0.77	188	1989	22.20	1.06E-61	Lower
041-03	0.821	0.354	0.78	188	1989	28.44	2.57E-62	Middle
041-03	1.487	-0.725	0.70	204	1985	149.21	1.65E-54	Upper
042-02	1.595	-1.428	0.72	119	1955	122.47	2.58E-34	Middle
042-02	1.467	-1.574	0.71	129	1955	116.99	6.17E-36	Upper
042-05	1.595	-0.805	0.93	185	1985	29.39	1.49E-107	Lower
042-05	1.666	-1.206	0.99	185	1981	4.18	7.21E-187	Middle
042-05	1.464	-1.440	0.94	198	1985	22.39	1.32E-120	Upper
042-06	1.681	-1.193	1.00	10	1970	0.11	4.66E-11	Lower
042-06	1.594	-1.289	0.98	7	1970	0.23	1.05E-05	Middle
042-06	1.432	-1.466	0.91	16	1970	3.04	7.28E-09	Upper
042-07	1.341	-0.733	0.69	205	1964	194.60	4.98E-53	Lower
042-07	1.645	-1.457	0.87	205	1976	96.18	5.50E-92	Middle
042-07	1.447	-1.639	0.84	226	1970	100.02	4.85E-91	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
045-31	0.846	0.275	0.94	102	1977	3.83	1.84E-64	Lower
045-31	0.867	-0.002	0.92	104	1985	6.09	1.76E-56	Middle
045-31	1.088	-0.734	0.73	114	1977	42.00	9.97E-34	Upper
052-05	0.676	0.719	0.80	62	1972	3.79	1.56E-22	Lower
052-05	0.994	0.226	0.71	64	1972	13.48	2.00E-18	Middle
052-05	1.903	-1.230	0.73	66	1972	47.55	1.05E-19	Upper
052-06	0.590	0.404	0.78	33	1975	3.46	1.38E-11	Lower
052-06	0.906	-0.291	0.67	33	1976	12.88	5.46E-09	Middle
052-06	1.319	-1.148	0.78	43	1976	19.76	4.66E-15	Upper
052-08	0.964	0.328	0.69	49	1992	16.76	1.32E-13	Lower
052-08	1.910	-0.826	0.94	44	1975	9.22	8.71E-27	Middle
052-08	1.626	-1.117	0.87	58	1992	18.34	4.49E-26	Upper
052-30	1.304	-0.593	0.59	13	1972	14.91	2.02E-03	Upper
053-01	0.853	0.254	0.90	125	1989	9.91	4.56E-62	Lower
053-01	1.160	-0.358	0.82	127	1966	34.71	7.88E-49	Middle
053-01	1.498	-1.233	0.89	138	1974	33.43	1.29E-67	Upper
053-04	1.324	-0.574	0.89	8	1974	2.10	4.91E-04	Lower
053-04	1.630	-1.234	0.99	10	1974	0.12	1.20E-09	Middle
053-04	1.474	-1.399	0.97	14	1974	1.05	2.49E-10	Upper
053-05	0.918	0.134	0.65	77	1972	38.76	1.25E-18	Lower
053-05	1.361	-0.697	0.65	84	1972	84.96	2.27E-20	Middle
053-05	1.635	-1.323	0.81	90	1972	56.11	5.51E-34	Upper
053-30	1.430	-1.078	0.94	87	1955	12.14	1.54E-54	Lower
053-30	1.494	-1.383	0.99	88	1955	2.03	2.38E-89	Middle
053-30	1.341	-1.541	0.94	93	1955	11.02	7.44E-59	Upper
056-06	0.646	0.452	0.80	10	1980	0.59	4.83E-04	Lower
056-06	0.644	0.251	0.87	12	1980	0.46	1.05E-05	Middle
056-06	0.612	-0.100	0.62	15	1980	1.96	5.27E-04	Upper
056-30	1.029	0.145	0.98	6	1990	0.09	1.93E-04	Lower
056-30	1.453	-0.426	0.87	11	1990	2.18	2.74E-05	Middle
056-30	1.831	-1.076	0.98	12	1990	0.56	1.46E-09	Upper
058-30	0.827	0.330	0.93	21	1980	0.94	1.25E-12	Lower
058-30	1.008	-0.077	0.80	25	1980	5.38	2.13E-09	Middle
058-30	1.661	-1.244	0.80	27	1980	16.26	3.42E-10	Upper
059-01	0.789	0.332	0.95	26	1950	0.59	9.71E-17	Lower
059-01	0.766	0.046	0.95	25	1950	0.48	1.67E-16	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
059-01	1.411	-0.852	0.72	31	1950	15.43	2.06E-09	Upper
059-02	0.725	0.687	0.78	36	1987	3.63	1.18E-12	Lower
059-02	1.439	-0.032	0.71	36	1987	19.19	1.25E-10	Middle
059-02	1.891	-1.152	0.83	44	1990	22.36	1.11E-17	Upper
061-01	1.061	0.145	0.99	18	1982	0.14	1.16E-17	Lower
061-01	1.007	0.088	0.99	17	1982	0.09	9.73E-18	Middle
061-01	1.158	-0.249	0.88	24	1982	3.46	1.97E-11	Upper
063-05	1.095	0.270	0.96	44	1990	1.31	8.08E-32	Lower
063-05	1.963	-0.842	0.99	47	1990	1.77	2.91E-43	Middle
063-05	1.793	-1.035	0.95	50	1990	5.99	5.08E-32	Upper
063-06	1.028	0.434	0.96	10	1990	0.34	5.11E-07	Lower
063-06	1.115	0.189	0.97	13	1990	0.33	5.47E-10	Middle
063-06	1.492	-0.394	0.85	16	1990	4.86	3.53E-07	Upper
065-06	0.780	0.453	0.89	27	1992	1.34	1.41E-13	Lower
065-06	0.798	0.210	0.85	30	1992	2.31	5.45E-13	Middle
065-06	0.821	-0.009	0.80	32	1992	3.69	6.94E-12	Upper
066-01	1.753	-0.901	0.96	47	1989	5.23	1.28E-32	Lower
066-01	1.653	-1.200	0.98	50	1989	1.95	2.59E-44	Middle
066-01	1.404	-1.479	0.94	53	1989	4.98	1.34E-33	Upper
067-09	1.891	-1.312	0.56	16	1990	29.10	7.98E-04	Upper
082-01	1.098	0.386	0.72	41	1995	10.60	2.19E-12	Lower
082-01	1.649	-1.384	0.54	40	1995	50.30	5.58E-08	Middle
090-04	0.728	0.511	0.68	207	1989	35.81	1.03E-52	Lower
090-04	1.112	-0.096	0.68	205	1989	83.52	1.30E-51	Middle
090-04	1.745	-1.177	0.73	213	1989	168.21	1.78E-61	Upper
090-05	1.085	0.217	0.97	29	1991	0.70	2.71E-22	Lower
090-05	1.530	-0.609	0.86	29	1991	7.59	5.28E-13	Middle
090-05	1.632	-1.179	0.90	35	1991	7.30	9.63E-18	Upper
094-01	0.702	0.323	0.79	6	1991	0.63	1.84E-02	Middle
094-01	0.711	0.184	0.77	8	1991	0.76	4.14E-03	Upper
094-02	0.468	0.529	0.65	70	1994	5.38	5.13E-17	Lower
094-02	0.518	0.244	0.67	70	1994	6.24	8.00E-18	Middle
094-02	1.077	-0.683	0.53	76	1994	49.59	9.49E-14	Upper
097-01	0.529	0.174	0.69	21	1990	2.32	3.47E-06	Lower
097-01	1.137	-0.282	0.54	19	1990	16.61	3.64E-04	Middle
097-01	1.379	-1.146	0.74	27	1990	15.29	8.53E-09	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
098-03	0.609	0.790	0.84	145	1994	6.17	3.45E-58	Lower
098-03	0.542	0.509	0.76	146	1994	7.77	5.18E-47	Middle
100-01	1.377	-0.659	0.86	166	1990	42.17	1.92E-72	Lower
100-01	1.581	-1.224	0.96	164	1982	12.47	2.61E-119	Middle
100-01	1.375	-1.446	0.91	175	1982	25.23	1.58E-94	Upper
100-02	0.837	0.364	0.89	95	1983	6.49	5.77E-47	Lower
100-02	0.910	0.034	0.91	90	1983	6.02	3.18E-48	Middle
100-02	1.540	-1.139	0.69	101	1983	87.86	1.03E-26	Upper
100-03	0.941	0.028	0.96	55	1983	1.81	6.70E-40	Lower
100-03	1.324	-0.753	0.85	54	1983	16.57	3.66E-23	Middle
100-03	1.489	-1.361	0.95	60	1983	7.07	4.38E-39	Upper
101-01	0.578	0.390	0.71	201	1982	25.63	1.14E-55	Lower
101-01	1.434	-0.771	0.78	203	1982	108.48	1.46E-68	Middle
101-01	1.389	-1.223	0.79	211	1981	101.45	2.11E-72	Upper
101-02	1.437	-0.898	0.78	79	1961	56.44	5.36E-27	Lower
101-02	1.577	-1.647	0.81	76	1961	53.58	1.30E-28	Middle
101-02	1.466	-1.780	0.81	85	1961	52.79	2.58E-31	Upper
103-01	0.838	0.523	0.89	58	1979	4.57	1.69E-28	Lower
103-01	1.018	-0.279	0.52	57	1979	50.51	2.48E-10	Middle
103-01	1.835	-1.399	0.85	64	1979	33.53	2.62E-27	Upper
105-01	0.617	0.892	0.80	162	1994	10.23	1.28E-57	Lower
105-01	0.660	0.644	0.78	166	1994	12.87	1.43E-56	Middle
105-01	1.137	-0.209	0.63	175	1994	86.72	3.72E-39	Upper
105-02	0.721	0.728	0.86	86	1992	5.16	5.48E-37	Lower
105-02	0.896	0.250	0.63	85	1992	26.45	1.63E-19	Middle
105-02	1.492	-0.757	0.64	96	1992	77.40	9.01E-23	Upper
105-03	1.037	0.216	0.99	34	1985	0.41	6.11E-31	Lower
105-03	1.005	0.084	0.99	37	1985	0.24	2.40E-38	Middle
105-03	0.840	-0.084	0.82	40	1985	4.72	1.50E-15	Upper
106-01	0.745	0.299	0.82	152	1977	19.54	3.25E-57	Lower
106-01	1.292	-0.686	0.78	149	1977	73.43	2.43E-50	Middle
106-01	1.470	-1.508	0.78	163	1977	99.05	2.08E-55	Upper
106-02	1.446	-1.352	0.59	95	1982	133.39	1.07E-19	Middle
106-02	1.547	-1.664	0.74	100	1982	81.79	2.11E-30	Upper
107-01	1.722	-0.780	0.77	90	1982	66.79	1.80E-29	Upper
107-02	1.591	-0.823	0.73	161	1982	122.91	1.16E-46	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
108-01	1.135	-0.094	0.81	60	1978	19.47	1.66E-22	Lower
108-01	1.650	-1.331	0.86	60	1978	27.89	1.27E-26	Middle
108-01	1.448	-1.776	0.75	65	1978	47.66	1.22E-20	Upper
109-01	0.591	0.793	0.64	84	1989	12.07	7.58E-20	Lower
109-01	0.863	0.319	0.71	86	1989	19.12	2.22E-24	Middle
109-01	1.834	-0.795	0.84	90	1989	42.43	2.15E-36	Upper
109-03	0.817	0.304	0.86	142	1991	10.38	1.17E-62	Lower
109-03	1.644	-0.573	0.82	142	1991	59.38	6.12E-54	Middle
109-03	1.618	-1.159	0.90	147	1991	30.91	2.56E-73	Upper
110-01	1.186	-0.106	0.65	105	1987	60.03	1.53E-25	Lower
110-01	1.771	-1.192	0.75	108	1987	84.20	5.35E-34	Middle
110-01	1.595	-1.438	0.70	111	1987	94.08	5.20E-30	Upper
110-02	1.926	-0.898	0.98	65	1989	4.85	3.44E-53	Lower
110-02	1.828	-0.993	0.97	62	1989	6.28	6.57E-46	Middle
110-02	1.634	-1.194	0.92	70	1989	14.08	1.58E-38	Upper
111-01	0.590	0.694	0.78	129	1991	7.12	1.60E-43	Lower
111-01	0.550	0.503	0.74	129	1991	7.71	2.85E-39	Middle
111-02	0.979	0.166	0.88	168	1993	22.93	9.12E-79	Lower
111-02	1.693	-1.499	0.76	169	1948	169.02	6.67E-53	Middle
111-02	1.538	-1.819	0.71	180	1993	179.85	3.54E-50	Upper
113-01	1.597	-1.362	0.73	101	1956	116.03	4.67E-30	Lower
113-01	1.581	-1.567	0.77	101	1956	92.12	1.77E-33	Middle
113-01	1.441	-1.720	0.76	107	1956	84.34	1.67E-34	Upper
115-01	0.825	0.185	0.74	201	1960	61.05	3.80E-60	Lower
115-01	1.516	-1.191	0.87	200	1959	88.36	1.92E-89	Middle
115-01	1.311	-1.830	0.77	210	1960	135.14	1.24E-68	Upper
115-02	1.519	-1.278	0.98	100	1954	6.40	9.62E-85	Lower
115-02	1.379	-1.517	0.99	97	1954	3.72	1.03E-89	Middle
115-02	1.155	-1.760	0.94	106	1954	12.65	3.69E-64	Upper
116-02	0.948	0.024	0.99	101	1965	0.86	2.28E-101	Lower
116-02	1.060	-0.409	0.88	103	1965	15.63	2.46E-48	Middle
116-02	1.443	-1.436	0.96	107	1965	9.07	6.55E-75	Upper
116-03	0.949	0.150	0.98	151	1976	2.69	1.12E-124	Lower
116-03	0.895	-0.026	0.99	147	1976	1.35	5.34E-138	Middle
116-03	1.499	-1.288	0.94	157	1976	18.11	9.96E-99	Upper
117-04	1.230	-0.377	0.83	124	1965	44.51	5.16E-49	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
117-04	1.658	-1.167	0.97	122	1965	11.40	8.42E-95	Middle
117-04	1.472	-1.372	0.95	130	1965	18.62	5.43E-83	Upper
118-02	1.621	-1.148	0.98	109	1973	6.00	6.08E-90	Lower
118-02	1.558	-1.323	0.99	112	1973	1.33	2.70E-127	Middle
118-02	1.396	-1.507	0.95	115	1973	11.52	1.28E-73	Upper
118-03	1.119	-0.080	0.89	136	1984	16.38	2.67E-67	Lower
118-03	1.703	-1.145	0.99	135	1984	2.31	1.51E-144	Middle
118-03	1.462	-1.415	0.95	142	1984	14.27	3.49E-90	Upper
119-01	1.503	-1.176	0.96	116	1964	9.65	2.98E-84	Lower
119-01	1.491	-1.387	0.99	120	1964	1.70	1.10E-131	Middle
119-01	1.344	-1.543	0.96	122	1964	8.75	1.12E-86	Upper
119-02	1.387	-0.929	0.93	162	1955	26.37	1.32E-92	Lower
119-02	1.495	-1.385	0.99	161	1955	3.02	1.33E-169	Middle
119-02	1.358	-1.527	0.96	168	1955	14.23	8.86E-117	Upper
120-01	1.002	0.148	0.98	138	1986	2.32	2.04E-115	Lower
120-01	1.681	-0.943	0.96	136	1986	12.48	3.17E-95	Middle
120-01	1.541	-1.352	0.94	144	1986	16.90	3.81E-88	Upper
121-01	1.983	-0.788	0.98	151	1991	9.69	2.41E-127	Lower
121-01	1.908	-0.947	0.98	151	1991	8.49	8.45E-130	Middle
121-01	1.721	-1.149	0.95	162	1990	17.42	1.35E-108	Upper
121-02	1.469	-1.015	0.94	64	1975	8.45	1.01E-39	Lower
121-02	1.514	-1.342	0.99	60	1956	1.73	4.19E-58	Middle
121-02	1.357	-1.506	0.94	75	1975	8.34	6.95E-46	Upper
123-01	0.879	0.183	0.94	167	1981	6.30	1.37E-105	Lower
123-01	0.887	-0.019	0.94	169	1977	7.37	4.00E-102	Middle
123-01	0.765	-0.143	0.78	178	1977	23.38	2.19E-60	Upper
123-02	0.876	0.263	0.93	17	1981	0.88	2.76E-10	Lower
123-02	0.764	0.159	0.86	15	1981	1.24	6.47E-07	Middle
123-02	0.726	-0.159	0.63	23	1981	6.56	6.29E-06	Upper
123-03	0.872	0.190	0.95	120	1981	3.74	3.63E-80	Lower
123-03	0.861	-0.048	0.92	115	1981	5.94	1.68E-64	Middle
123-03	0.696	-0.210	0.68	126	1981	23.56	1.25E-32	Upper
125-03	1.592	-1.246	0.80	221	1982	148.81	1.52E-79	Lower
125-03	1.559	-1.575	0.85	226	1982	106.19	6.22E-94	Middle
125-03	1.345	-1.758	0.82	232	1982	100.54	8.09E-87	Upper
126-02	0.830	-0.065	0.89	153	1979	12.22	1.23E-75	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
126-02	0.721	-0.180	0.79	151	1979	20.79	8.73E-52	Middle
126-03	2.109	-1.016	0.77	162	1990	148.67	1.54E-53	Lower
126-03	1.987	-1.164	0.78	166	1990	132.41	3.55E-55	Middle
126-03	1.744	-1.369	0.75	168	1990	120.82	1.40E-51	Upper
127-03	1.694	-1.406	0.68	34	1982	39.66	2.02E-09	Lower
127-03	1.550	-1.515	0.68	37	1982	36.94	3.23E-10	Middle
127-03	1.366	-1.685	0.62	39	1982	38.18	3.03E-09	Upper
127-04	1.610	-1.390	0.58	95	1982	139.45	2.17E-19	Lower
127-04	1.528	-1.547	0.60	98	1982	121.43	1.11E-20	Middle
127-04	1.364	-1.683	0.58	101	1982	108.26	1.47E-20	Upper
127-05	1.192	-0.500	0.86	220	1976	48.53	8.12E-95	Lower
127-05	1.565	-1.300	0.97	220	1977	14.04	1.20E-172	Middle
127-05	1.386	-1.492	0.90	231	1976	44.11	3.11E-118	Upper
128-02	1.414	-1.465	0.98	17	1963	0.94	2.16E-14	Lower
128-02	1.273	-1.627	0.95	16	1963	1.63	9.58E-11	Middle
128-02	1.087	-1.831	0.95	22	1963	1.79	9.45E-15	Upper
128-03	1.258	-0.265	0.69	199	1983	126.06	3.18E-52	Lower
128-03	1.668	-1.133	0.85	199	1985	91.26	1.04E-81	Middle
128-03	1.458	-1.582	0.73	209	1983	149.05	5.18E-60	Upper
130-02	0.886	0.121	0.90	151	1975	14.35	1.59E-75	Lower
130-02	0.829	-0.062	0.90	153	1975	12.28	1.88E-77	Middle
130-02	1.511	-1.068	0.86	156	1975	58.74	1.05E-68	Upper
131-01	0.623	0.634	0.85	172	1992	9.95	5.11E-71	Lower
131-01	0.874	0.183	0.85	169	1992	18.61	2.01E-70	Middle
131-01	0.754	-0.035	0.71	183	1981	34.65	5.97E-50	Upper
131-04	0.571	0.667	0.66	70	1977	10.18	9.38E-18	Lower
131-04	1.257	-0.231	0.67	69	1977	48.81	1.26E-17	Middle
131-04	1.574	-0.985	0.84	76	1977	32.20	1.07E-30	Upper
132-07	1.689	-1.315	0.81	76	1968	57.42	8.47E-29	Lower
132-07	1.690	-1.543	0.87	78	1968	38.41	3.17E-35	Middle
132-07	1.591	-1.644	0.88	81	1968	32.31	4.25E-38	Upper
134-02	1.614	-0.380	0.79	69	1979	40.00	1.11E-24	Lower
134-02	1.846	-0.989	0.99	68	1980	1.62	6.99E-71	Middle
134-02	1.580	-1.269	0.97	73	1980	5.02	4.39E-55	Upper
134-03	1.774	-1.096	0.99	103	1982	3.11	7.28E-101	Lower
134-03	1.623	-1.260	0.99	103	1982	2.38	1.29E-103	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
134-03	1.386	-1.517	0.94	109	1982	11.22	9.30E-68	Upper
134-04	1.509	-0.490	0.88	125	1985	35.07	1.38E-59	Lower
134-04	1.688	-1.179	0.99	127	1985	2.15	5.35E-140	Middle
134-04	1.374	-1.520	0.95	130	1985	11.42	8.55E-87	Upper
135-01	1.509	-0.993	0.95	120	1959	15.48	6.70E-78	Lower
135-01	1.568	-1.310	0.99	120	1959	2.32	2.42E-126	Middle
135-01	1.418	-1.468	0.97	126	1959	9.44	1.54E-92	Upper
135-02	1.584	-0.987	0.93	59	1985	10.32	1.21E-34	Lower
135-02	1.484	-1.382	0.98	57	1985	2.05	8.80E-50	Middle
135-02	1.217	-1.685	0.97	65	1985	2.69	8.22E-50	Upper
136-01	1.540	-1.138	0.79	178	1964	140.96	1.68E-61	Lower
136-01	1.622	-1.585	0.88	173	1964	79.41	3.49E-80	Middle
136-01	1.523	-1.694	0.88	186	1964	70.54	9.17E-88	Upper
136-02	1.604	-1.224	0.85	158	1964	90.65	3.90E-65	Lower
136-02	1.591	-1.452	0.90	162	1964	57.62	6.48E-81	Middle
136-02	1.458	-1.589	0.87	169	1982	62.30	7.20E-77	Upper
137-01	1.668	-1.075	0.96	155	1987	17.34	4.34E-109	Lower
137-01	1.522	-1.342	0.99	157	1987	5.21	1.32E-144	Middle
137-01	1.317	-1.568	0.96	161	1987	9.81	1.84E-117	Upper
137-02	0.983	0.120	0.96	205	1978	8.20	2.48E-139	Lower
137-02	1.619	-1.239	0.98	207	1978	9.14	4.67E-180	Middle
137-02	1.410	-1.488	0.95	211	1978	20.31	1.55E-136	Upper
137-03	1.371	-0.722	0.92	113	1961	20.52	2.21E-61	Lower
137-03	1.598	-1.276	1.00	113	1960	1.06	4.09E-137	Middle
137-03	1.455	-1.429	0.96	124	1960	11.18	8.13E-87	Upper
138-01	1.621	-1.258	0.98	15	1965	0.92	2.63E-12	Lower
138-01	1.538	-1.349	0.97	11	1965	0.86	4.55E-08	Middle
138-01	1.450	-1.440	0.95	21	1965	2.29	4.21E-14	Upper
138-02	0.861	-0.039	0.95	134	1961	4.88	5.33E-90	Lower
138-02	1.529	-1.340	0.98	137	1961	7.58	4.17E-113	Middle
138-02	1.379	-1.491	0.92	140	1961	24.23	1.32E-76	Upper
138-03	1.590	-1.195	0.98	128	1964	5.96	2.82E-111	Lower
138-03	1.536	-1.342	1.00	120	1964	1.19	3.46E-143	Middle
138-03	1.397	-1.489	0.94	139	1964	15.21	6.23E-88	Upper
138-04	1.019	-0.181	0.63	104	1973	72.81	8.15E-24	Lower
138-04	1.757	-1.343	0.91	103	1973	33.82	7.85E-56	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
138-04	1.662	-1.459	0.92	113	1973	31.33	4.47E-62	Upper
138-30	1.458	-0.841	0.66	101	1974	115.88	6.74E-25	Lower
138-30	1.766	-1.471	0.86	101	1974	53.17	2.15E-44	Middle
138-30	1.625	-1.617	0.86	107	1974	49.45	7.36E-46	Upper
143-01	0.996	0.007	0.90	133	1987	11.10	5.06E-66	Lower
143-01	1.766	-1.086	0.97	134	1987	8.19	8.80E-105	Middle
143-01	1.580	-1.300	0.94	144	1988	16.77	2.73E-87	Upper
143-02	1.702	-1.159	0.99	104	1983	3.72	2.36E-96	Lower
143-02	1.577	-1.303	0.99	106	1983	2.98	4.76E-99	Middle
143-02	1.308	-1.585	0.95	110	1983	8.40	1.91E-72	Upper
143-04	0.886	0.389	0.89	147	1979	14.78	5.40E-70	Lower
143-04	1.446	-0.546	0.80	147	1979	76.99	5.00E-52	Middle
143-04	1.582	-1.190	0.94	154	1979	26.03	2.78E-92	Upper
143-05	0.693	0.629	0.84	102	1977	7.91	6.28E-41	Lower
143-05	0.710	0.345	0.79	102	1977	11.08	6.22E-36	Middle
143-05	1.382	-0.655	0.74	110	1979	59.85	2.24E-33	Upper
146-01	1.539	-1.148	0.96	72	1978	6.10	1.20E-52	Lower
146-01	1.543	-1.337	0.99	71	1962	1.24	2.93E-76	Middle
146-01	1.434	-1.359	0.96	81	1962	6.87	2.35E-56	Upper
149-01	0.854	0.315	0.90	40	1973	3.01	6.34E-21	Lower
149-01	1.395	-0.453	0.83	39	1973	15.81	9.77E-16	Middle
149-01	1.682	-1.414	0.81	46	1973	28.46	1.57E-17	Upper
149-02	0.871	0.176	0.88	51	1982	5.10	3.61E-24	Lower
149-02	0.849	0.009	0.91	49	1982	3.27	4.58E-26	Middle
149-02	1.375	-1.155	0.83	62	1982	22.14	8.63E-25	Upper
149-04	0.884	0.236	0.90	173	1986	13.18	1.54E-86	Lower
149-04	0.895	-0.308	0.52	179	1986	113.95	6.00E-30	Middle
149-04	1.671	-1.490	0.77	185	1967	132.52	1.88E-60	Upper
149-30	1.467	-1.420	0.98	19	1943	0.99	2.52E-16	Lower
149-30	1.406	-1.484	0.98	24	1943	1.32	4.62E-20	Middle
149-30	1.305	-1.589	0.95	25	1943	3.07	3.67E-16	Upper
150-02	1.449	-0.632	0.88	75	1988	19.24	2.06E-35	Lower
150-02	1.618	-1.200	0.98	72	1988	3.97	4.37E-59	Middle
150-02	1.374	-1.485	0.91	86	1976	13.32	3.28E-46	Upper
152-01	0.924	0.006	0.98	109	1980	1.76	1.87E-93	Lower
152-01	0.836	-0.085	0.97	107	1980	2.40	1.10E-79	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
152-01	0.731	-0.196	0.87	114	1980	8.81	3.98E-51	Upper
153-01	1.734	-0.939	0.79	76	1987	56.17	1.10E-26	Lower
153-01	1.677	-1.531	0.73	78	1987	74.68	2.17E-23	Middle
153-01	1.516	-1.692	0.71	81	1987	67.74	3.40E-23	Upper
155-03	1.205	-0.210	0.86	139	1988	26.67	4.93E-60	Lower
155-03	1.739	-1.115	1.00	136	1988	0.94	3.15E-172	Middle
155-03	1.535	-1.350	0.96	147	1988	11.71	2.02E-102	Upper
160-01	0.935	0.065	0.95	39	1979	1.68	3.30E-26	Lower
160-01	0.855	-0.052	0.95	36	1979	1.45	3.47E-23	Middle
160-01	1.353	-1.103	0.87	44	1979	11.75	2.33E-20	Upper
160-02	0.964	0.223	0.98	87	1977	1.42	4.42E-76	Lower
160-02	0.950	0.034	0.98	87	1977	1.54	5.07E-74	Middle
160-02	0.857	-0.171	0.86	92	1977	10.46	2.11E-40	Upper
161-09	0.631	0.916	0.74	38	1983	4.78	5.39E-12	Lower
161-09	0.888	0.479	0.85	36	1983	4.17	8.97E-16	Middle
161-09	1.147	-0.292	0.55	44	1983	41.75	9.99E-09	Upper
162-01	0.968	0.146	0.96	103	1974	3.41	3.87E-71	Lower
162-01	1.254	-0.409	0.85	109	1991	22.83	3.48E-46	Middle
162-01	1.596	-1.173	0.94	114	1974	14.55	6.87E-70	Upper
163-01	0.832	-0.095	0.94	123	1958	6.64	3.88E-74	Lower
163-01	1.148	-0.871	0.84	127	1958	35.61	2.95E-52	Middle
163-01	1.300	-1.580	0.88	129	1958	34.11	4.24E-60	Upper
163-02	1.431	-1.650	0.85	58	1953	32.65	1.16E-24	Lower
163-02	1.384	-1.823	0.86	58	1953	27.14	2.57E-25	Middle
163-02	1.237	-1.938	0.85	66	1953	26.07	2.63E-28	Upper
164-02	0.932	0.025	0.96	271	1980	7.88	7.76E-192	Lower
164-02	1.583	-1.127	0.97	272	1980	19.07	2.07E-203	Middle
164-02	1.458	-1.415	0.94	286	1981	33.15	3.41E-172	Upper
164-03	1.440	-0.658	0.88	101	1979	26.61	2.12E-47	Lower
164-03	1.599	-1.274	0.98	99	1986	6.21	6.50E-80	Middle
164-03	1.361	-1.534	0.92	112	1986	16.26	5.11E-62	Upper
164-04	1.066	-0.104	0.89	108	1982	14.30	1.47E-52	Lower
164-04	1.723	-1.155	0.99	107	1988	2.40	1.70E-111	Middle
164-04	1.538	-1.364	0.97	117	1988	8.59	4.43E-87	Upper
165-01	1.328	-0.192	0.68	100	1985	69.57	2.69E-26	Lower
165-01	1.702	-1.107	0.88	96	1983	34.30	2.18E-44	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
165-01	1.318	-1.782	0.65	107	1983	85.60	1.32E-25	Upper
165-02	1.132	-0.296	0.67	119	1983	79.51	6.22E-30	Lower
165-02	1.533	-1.093	0.88	114	1983	41.45	1.98E-52	Middle
165-02	1.405	-1.565	0.80	130	1976	63.89	3.82E-47	Upper
165-03	1.691	-1.185	0.99	85	1973	2.63	1.28E-85	Lower
165-03	1.580	-1.306	0.99	86	1973	2.78	2.94E-83	Middle
165-03	1.382	-1.521	0.96	90	1973	7.40	1.02E-64	Upper
166-01	1.288	-2.057	0.50	8	1995	9.42	4.88E-02	Lower
166-01	1.582	-1.781	0.59	7	1995	8.32	4.32E-02	Middle
166-01	1.304	-2.004	0.56	13	1995	12.21	3.25E-03	Upper
166-03	1.111	-0.110	0.70	174	1985	76.07	3.17E-46	Lower
166-03	1.724	-1.034	0.94	173	1991	25.55	9.90E-108	Middle
166-03	1.465	-1.584	0.75	184	1985	101.92	1.83E-57	Upper
166-04	1.524	-1.247	0.97	103	1954	7.47	3.22E-80	Lower
166-04	1.483	-1.404	0.98	103	1954	5.10	3.05E-86	Middle
166-04	1.362	-1.533	0.95	109	1954	11.25	6.26E-72	Upper
166-05	0.599	0.701	0.69	92	1972	6.70	1.99E-24	Lower
166-05	0.613	0.460	0.68	96	1972	7.51	3.78E-25	Middle
167-04	0.811	0.018	0.64	177	1979	79.71	2.03E-40	Lower
167-04	1.436	-1.195	0.89	184	1958	53.46	4.77E-90	Middle
167-04	1.269	-1.373	0.84	187	1958	66.04	2.84E-76	Upper
168-01	0.828	0.342	0.86	169	1983	17.15	3.45E-72	Lower
168-01	1.869	-0.761	0.92	166	1985	44.42	9.96E-92	Middle
168-01	1.735	-1.057	0.95	177	1985	25.17	8.98E-115	Upper
168-02	1.018	0.084	0.73	187	1984	56.59	9.47E-55	Lower
168-02	1.848	-0.880	0.95	189	1984	28.46	2.19E-121	Middle
168-02	1.633	-1.431	0.77	193	1984	124.45	3.33E-62	Upper
169-01	0.981	0.352	0.95	8	1995	0.30	3.80E-05	Lower
169-01	1.049	0.227	0.93	10	1995	0.44	7.25E-06	Middle
169-01	1.601	-1.005	0.58	15	1995	17.20	9.07E-04	Upper
171-04	1.504	-1.014	0.94	57	1960	9.73	1.03E-34	Lower
171-04	1.507	-1.370	0.97	57	1960	3.93	3.44E-45	Middle
171-04	1.205	-1.699	0.92	66	1960	8.84	5.22E-37	Upper
172-30	0.540	0.458	0.79	93	1970	9.33	2.08E-32	Lower
172-30	1.030	-0.418	0.65	94	1970	67.79	1.02E-22	Middle
172-30	1.321	-1.235	0.81	98	1970	51.14	2.34E-36	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
175-01	1.587	-1.285	0.99	39	1963	0.98	5.70E-39	Lower
175-01	1.487	-1.394	0.97	43	1963	3.51	8.45E-32	Middle
175-01	1.330	-1.557	0.86	45	1963	12.88	3.24E-20	Upper
175-02	1.572	-0.716	0.65	203	1994	217.77	4.33E-47	Lower
175-02	1.746	-1.244	0.76	198	1976	154.95	7.97E-63	Middle
175-02	1.582	-1.395	0.70	217	1994	179.52	3.19E-58	Upper
176-01	1.627	-1.413	0.96	217	1955	29.08	5.72E-153	Lower
176-01	1.550	-1.516	0.96	216	1955	27.29	1.27E-150	Middle
176-01	1.450	-1.622	0.94	227	1962	36.88	1.19E-139	Upper
176-03	1.651	-1.564	0.86	21	1960	11.70	1.32E-09	Lower
176-03	1.613	-1.579	0.89	18	1960	8.15	5.21E-09	Middle
176-03	1.574	-1.677	0.87	26	1960	12.45	5.99E-12	Upper
178-01	0.962	0.086	0.97	285	1991	6.46	5.45E-223	Lower
178-01	1.185	-0.471	0.85	291	1985	60.35	7.49E-123	Middle
178-01	1.539	-1.288	0.95	300	1974	28.40	1.59E-202	Upper
179-01	1.792	-0.825	0.93	58	1976	13.32	4.85E-34	Lower
179-01	1.770	-1.082	0.99	57	1976	1.03	7.34E-63	Middle
179-01	1.541	-1.329	0.97	62	1976	3.67	2.58E-49	Upper
180-01	0.843	0.201	0.73	214	1979	50.12	5.14E-62	Lower
180-01	1.760	-0.882	0.90	214	1979	63.31	3.47E-109	Middle
180-01	1.599	-1.450	0.75	220	1979	166.05	2.01E-67	Upper
181-01	1.551	-1.176	0.97	158	1965	10.92	2.84E-122	Lower
181-01	1.519	-1.360	0.99	152	1965	3.18	1.31E-154	Middle
181-01	1.411	-1.478	0.97	164	1965	11.41	3.19E-120	Upper
182-01	1.109	-0.467	0.78	193	1994	83.73	1.52E-65	Lower
182-01	1.504	-1.303	0.96	196	1976	25.78	3.04E-133	Middle
182-01	1.288	-1.544	0.91	210	1976	39.82	3.22E-113	Upper
183-02	1.489	-1.398	0.78	9	1953	4.96	1.48E-03	Lower
183-02	1.449	-1.720	0.69	11	1953	8.63	1.64E-03	Middle
183-02	1.275	-1.798	0.72	14	1953	8.75	1.23E-04	Upper
184-01	0.659	0.505	0.78	197	1982	19.13	1.16E-66	Lower
184-01	1.321	-0.464	0.70	196	1982	116.30	4.41E-53	Middle
184-01	1.503	-1.290	0.78	203	1982	102.12	1.22E-68	Upper
185-02	0.662	0.280	0.75	72	1985	8.13	1.54E-22	Lower
185-02	1.588	-0.600	0.80	71	1985	34.09	1.41E-25	Middle
185-02	1.641	-1.369	0.78	78	1985	43.29	5.00E-27	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
185-03	0.710	0.315	0.76	217	1985	25.71	5.80E-69	Lower
185-03	1.706	-0.795	0.86	215	1985	77.53	9.46E-93	Middle
185-03	1.587	-1.515	0.78	223	1985	121.38	8.43E-74	Upper
186-01	1.074	-0.165	0.68	117	1981	62.12	4.95E-30	Lower
186-01	1.638	-1.098	0.93	118	1981	22.93	5.60E-69	Middle
186-01	1.402	-1.374	0.90	126	1986	26.24	1.38E-63	Upper
186-04	1.588	-0.774	0.93	166	1983	28.52	1.88E-94	Lower
186-04	1.688	-1.160	0.98	168	1983	8.22	1.09E-143	Middle
186-04	1.510	-1.343	0.91	175	1983	32.48	7.29E-93	Upper
186-30	1.179	-0.290	0.84	113	1980	30.74	2.54E-45	Lower
186-30	1.666	-1.190	0.97	112	1980	11.12	2.73E-82	Middle
186-30	1.523	-1.357	0.90	119	1980	30.90	8.41E-60	Upper
188-01	1.922	-0.902	0.99	8	1990	0.19	1.32E-07	Lower
188-01	1.859	-0.963	0.99	5	1990	0.08	2.33E-04	Middle
188-01	1.684	-1.165	0.92	13	1990	2.73	2.98E-07	Upper
189-01	0.758	0.382	0.82	320	1982	37.23	3.00E-119	Lower
189-01	1.413	-0.517	0.76	318	1982	178.01	1.71E-100	Middle
189-01	1.527	-1.293	0.75	328	1982	232.52	1.51E-99	Upper
191-01	1.675	-0.368	0.81	99	1991	52.12	2.28E-36	Lower
191-01	2.022	-0.808	0.99	95	1991	3.74	7.21E-91	Middle
191-01	1.791	-1.059	0.96	104	1991	9.51	7.62E-76	Upper
191-02	0.879	0.123	0.89	136	1987	12.22	2.34E-65	Lower
191-02	1.572	-0.730	0.82	136	1987	67.98	1.34E-51	Middle
191-02	1.492	-1.266	0.86	141	1987	48.16	2.31E-60	Upper
191-03	0.991	0.170	0.94	87	1985	4.54	1.10E-54	Lower
191-03	1.781	-1.290	0.74	91	1985	88.06	3.97E-28	Middle
191-03	1.606	-1.525	0.71	94	1975	87.32	2.04E-26	Upper
192-02	1.781	-0.649	0.93	151	1990	24.57	2.37E-89	Lower
192-02	1.835	-0.996	0.99	151	1990	4.35	1.66E-145	Middle
192-02	1.636	-1.210	0.96	157	1990	13.64	2.80E-107	Upper
193-31	0.950	0.569	0.97	39	1995	0.57	7.17E-31	Lower
193-31	0.931	0.340	0.98	40	1995	0.38	3.51E-35	Middle
193-31	0.892	0.068	0.77	44	1995	6.79	7.70E-15	Upper
194-07	0.849	0.440	0.87	5	1984	0.43	2.03E-02	Lower
194-07	0.933	0.483	0.99	4	1984	0.03	5.22E-03	Middle
194-07	0.857	0.273	0.90	10	1984	0.69	3.13E-05	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
195-01	1.019	0.253	0.98	148	1976	3.46	1.98E-124	Lower
195-01	1.033	0.070	0.98	148	1976	3.39	2.84E-126	Middle
195-01	1.470	-0.685	0.84	153	1976	65.32	3.35E-62	Upper
195-30	0.555	0.651	0.71	31	1994	2.34	2.86E-09	Lower
195-30	0.901	0.112	0.60	33	1994	10.10	1.26E-07	Middle
195-30	1.693	-1.374	0.64	40	1994	36.91	4.78E-10	Upper
197-02	0.761	0.413	0.85	26	1989	2.23	2.20E-11	Lower
197-02	0.883	0.206	0.77	27	1992	4.85	1.94E-09	Middle
197-02	1.060	-0.303	0.66	40	1978	16.27	2.53E-10	Upper
197-03	0.667	0.459	0.75	127	1976	13.09	3.09E-39	Lower
197-03	0.672	0.217	0.64	127	1976	22.26	2.47E-29	Middle
197-04	0.682	0.857	0.79	212	1993	19.33	1.25E-72	Lower
197-04	0.831	0.508	0.79	210	1993	28.27	3.12E-72	Middle
197-04	1.719	-1.239	0.65	221	1991	257.00	4.20E-52	Upper
198-01	1.823	-1.410	0.85	26	1981	16.05	2.82E-11	Middle
198-01	1.584	-1.630	0.80	35	1981	20.26	3.15E-13	Upper
198-04	0.483	0.546	0.62	110	1991	11.52	3.45E-24	Lower
198-04	1.624	-0.856	0.70	116	1991	96.62	2.58E-31	Upper
202-01	1.344	-0.550	0.75	110	1992	63.94	1.31E-34	Lower
202-01	1.602	-1.223	0.89	107	1992	34.05	9.38E-52	Middle
202-01	1.505	-1.610	0.84	120	1992	50.98	8.38E-49	Upper
202-02	0.619	0.388	0.75	30	1995	2.79	4.96E-10	Lower
202-02	0.638	0.220	0.76	32	1995	2.97	6.11E-11	Middle
202-02	0.692	-0.126	0.57	33	1995	8.89	3.79E-07	Upper
202-03	1.314	-0.661	0.89	151	1979	29.76	2.08E-73	Lower
202-03	1.593	-1.256	0.99	150	1979	3.31	3.96E-153	Middle
202-03	1.477	-1.383	0.96	162	1979	15.14	1.10E-109	Upper
203-02	0.863	0.399	0.91	19	1987	1.03	1.73E-10	Lower
203-02	1.889	-1.339	0.73	25	1987	24.44	6.53E-08	Upper
203-03	0.631	0.725	0.82	20	1980	1.66	3.96E-08	Lower
203-03	0.803	0.391	0.82	21	1980	2.71	1.31E-08	Middle
203-03	0.839	-0.010	0.71	26	1980	6.77	7.47E-08	Upper
205-01	0.876	0.065	0.94	156	1987	9.39	1.48E-95	Lower
205-01	1.534	-1.133	0.94	160	1987	30.21	2.56E-97	Middle
205-01	1.441	-1.343	0.92	169	1958	34.53	1.48E-94	Upper
205-03	1.759	-1.106	1.00	12	1988	0.13	2.44E-13	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
205-03	1.665	-1.217	0.99	13	1988	0.20	1.14E-12	Middle
205-03	1.534	-1.379	0.98	18	1988	0.79	1.19E-14	Upper
207-03	1.501	-1.112	0.87	71	1956	28.79	6.29E-32	Lower
207-03	1.312	-1.948	0.73	72	1956	53.56	1.59E-21	Middle
207-03	1.250	-1.972	0.74	78	1956	49.60	7.17E-24	Upper
207-05	1.651	-0.729	0.94	23	1982	3.37	5.13E-14	Lower
207-05	1.794	-1.076	0.99	25	1982	0.54	7.58E-26	Middle
207-05	1.708	-1.182	0.97	29	1982	2.35	2.64E-21	Upper
207-06	0.967	0.359	0.99	11	1985	0.07	1.46E-10	Lower
207-06	0.898	0.309	0.96	7	1985	0.17	1.40E-04	Middle
207-06	0.953	0.157	0.95	17	1985	0.59	3.32E-11	Upper
208-02	0.987	0.254	0.99	186	1980	2.05	4.26E-172	Lower
208-02	0.991	0.073	1.00	190	1980	0.73	4.41E-219	Middle
208-02	1.312	-0.578	0.87	192	1980	37.83	4.31E-87	Upper
209-01	1.846	-0.780	0.96	49	1990	4.68	2.89E-35	Lower
209-01	1.840	-0.991	0.99	47	1990	1.25	3.20E-46	Middle
209-01	1.600	-1.259	0.94	55	1990	6.17	1.77E-34	Upper
209-02	1.016	0.169	0.95	77	1986	3.23	1.65E-51	Lower
209-02	1.189	-0.222	0.82	74	1986	19.77	2.52E-28	Middle
209-02	1.740	-1.156	0.94	86	1979	13.87	4.39E-52	Upper
209-03	0.911	0.349	0.87	86	1986	9.09	6.76E-39	Lower
209-03	1.508	-0.516	0.81	87	1986	40.61	4.20E-32	Middle
209-03	1.726	-1.066	0.93	93	1986	16.91	7.43E-55	Upper
210-03	0.732	0.352	0.88	74	1994	3.16	2.20E-35	Lower
210-03	1.096	-0.162	0.73	78	1994	21.39	4.86E-23	Middle
210-03	1.821	-1.232	0.74	80	1994	56.33	1.61E-24	Upper
210-04	1.059	0.318	0.97	104	1990	2.53	3.35E-77	Lower
210-04	1.666	-0.549	0.91	108	1990	19.94	3.64E-56	Middle
210-04	1.794	-1.065	0.96	110	1990	8.58	4.04E-79	Upper
211-01	1.020	0.115	0.99	78	1979	1.14	4.39E-74	Lower
211-01	1.700	-0.841	0.94	77	1979	17.13	1.39E-46	Middle
211-01	1.731	-1.143	0.99	83	1979	2.07	1.12E-87	Upper
211-04	1.042	-0.048	0.76	98	1992	29.98	1.90E-31	Lower
211-04	1.408	-0.620	0.83	90	1983	33.77	2.79E-35	Middle
211-04	1.666	-1.305	0.91	114	1983	25.86	1.43E-60	Upper
211-05	1.784	-1.092	0.72	10	1978	12.12	1.94E-03	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
211-05	1.930	-1.275	0.88	15	1978	7.36	3.07E-07	Upper
211-30	0.568	1.013	0.71	121	1978	12.81	4.07E-34	Lower
211-30	0.971	0.422	0.84	116	1985	17.44	6.23E-47	Middle
211-30	1.312	-0.426	0.64	129	1985	103.00	1.04E-29	Upper
211-31	0.720	0.717	0.87	38	1995	2.14	1.12E-17	Lower
211-31	0.652	0.533	0.75	38	1995	4.08	3.09E-12	Middle
211-31	0.637	0.431	0.67	43	1995	6.22	1.70E-11	Upper
212-01	1.047	-0.177	0.89	132	1979	17.85	4.38E-63	Lower
212-01	1.599	-1.236	0.98	125	1979	5.05	3.84E-113	Middle
212-01	1.459	-1.413	0.94	147	1960	19.26	1.00E-88	Upper
213-01	1.464	-1.113	0.73	42	1987	38.45	7.23E-13	Middle
213-01	1.534	-1.565	0.80	46	1957	28.86	5.39E-17	Upper
213-02	0.965	0.094	0.98	52	1976	1.28	2.35E-43	Lower
213-02	1.393	-0.633	0.87	50	1976	17.72	1.62E-22	Middle
213-02	1.503	-1.259	0.91	59	1976	14.62	5.36E-32	Upper
213-03	0.986	0.288	0.98	126	1989	2.10	2.23E-101	Lower
213-03	0.910	0.022	0.94	128	1989	4.64	8.16E-79	Middle
213-03	1.257	-0.736	0.77	132	1989	41.75	2.13E-43	Upper
213-05	1.076	0.158	0.99	30	1982	0.15	7.02E-33	Lower
213-05	1.022	0.093	0.99	35	1982	0.37	9.36E-33	Middle
213-05	1.781	-1.082	0.99	36	1982	1.29	9.11E-33	Upper
213-07	0.612	0.601	0.80	56	1986	4.87	2.73E-20	Lower
213-07	0.707	0.180	0.69	57	1986	11.80	1.27E-15	Middle
213-07	1.565	-0.951	0.78	61	1986	38.38	6.61E-21	Upper
214-01	0.841	0.015	0.95	47	1992	1.17	1.23E-30	Lower
214-01	1.035	-0.486	0.76	42	1992	9.27	7.12E-14	Middle
214-01	1.502	-1.286	0.94	56	1992	5.49	5.23E-34	Upper
216-02	0.915	0.353	0.96	57	1987	1.89	1.13E-39	Lower
216-02	0.942	0.090	0.90	56	1982	5.04	2.63E-28	Middle
216-02	1.056	-0.293	0.72	68	1987	27.17	1.15E-19	Upper
216-03	0.782	0.314	0.83	17	1947	2.57	3.89E-07	Lower
216-03	0.865	-0.061	0.93	19	1976	1.28	2.72E-11	Middle
216-03	1.450	-1.003	0.80	27	1976	15.84	4.33E-10	Upper
218-01	1.021	0.292	0.99	78	1979	0.90	1.03E-72	Lower
218-01	1.027	0.110	0.99	81	1979	0.52	4.29E-85	Middle
218-01	0.985	-0.212	0.79	84	1979	17.18	1.11E-29	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
218-30	0.998	0.124	0.99	35	1982	0.38	5.92E-33	Lower
218-30	1.185	-0.292	0.87	33	1982	5.92	1.60E-15	Middle
218-30	1.681	-1.177	0.99	40	1982	1.30	2.67E-37	Upper
219-05	1.096	0.511	0.99	18	1985	0.32	4.09E-16	Lower
219-05	1.075	0.454	0.98	19	1985	0.39	2.41E-16	Middle
219-05	1.084	0.215	0.95	24	1985	1.39	7.22E-16	Upper
220-02	0.538	0.634	0.82	45	1995	2.90	2.16E-17	Lower
220-02	0.632	0.243	0.75	42	1995	5.85	1.50E-13	Middle
220-02	0.997	-0.474	0.64	54	1976	27.75	3.35E-13	Upper
220-03	0.650	0.691	0.80	31	1995	2.15	1.25E-11	Lower
220-03	0.623	0.539	0.75	33	1995	2.87	9.95E-11	Middle
221-30	0.937	0.007	0.98	16	1980	0.24	2.63E-13	Lower
221-30	1.273	-0.621	0.88	14	1980	2.11	6.00E-07	Middle
221-30	1.575	-1.294	0.98	22	1980	0.98	2.86E-18	Upper
222-02	1.455	-1.429	0.99	21	1971	0.66	4.79E-20	Lower
222-02	1.359	-1.534	1.00	21	1971	0.06	1.36E-28	Middle
222-02	1.187	-1.724	0.97	26	1971	1.44	8.20E-20	Upper
222-03	1.315	-0.811	0.82	169	1955	102.44	6.58E-64	Lower
222-03	1.498	-1.321	0.96	172	1955	23.13	6.03E-124	Middle
222-03	1.372	-1.460	0.96	180	1955	24.26	1.23E-122	Upper
222-04	1.082	-0.034	0.62	196	1986	121.64	1.14E-42	Lower
222-04	1.690	-1.155	0.82	195	1986	107.14	3.29E-73	Middle
222-04	1.561	-1.540	0.77	204	1977	124.67	3.29E-67	Upper
223-02	1.489	-1.085	0.95	152	1959	17.48	9.01E-101	Lower
223-02	1.488	-1.396	0.99	154	1959	4.22	8.13E-148	Middle
223-02	1.336	-1.555	0.95	158	1959	14.38	2.79E-105	Upper
223-03	0.840	0.194	0.74	46	1981	10.32	1.46E-14	Lower
223-03	1.618	-1.028	0.87	44	1981	16.42	2.89E-20	Middle
223-03	1.417	-1.615	0.67	54	1981	47.68	5.82E-14	Upper
223-30	1.113	0.260	0.82	110	1986	23.68	5.07E-42	Lower
223-30	2.069	-0.735	0.98	112	1991	9.68	5.68E-90	Middle
223-30	1.922	-0.901	0.96	117	1991	14.46	1.16E-81	Upper
224-02	1.594	-1.641	0.74	10	1981	9.37	1.38E-03	Lower
224-02	1.478	-1.643	0.76	6	1981	4.49	2.29E-02	Middle
224-02	1.508	-1.771	0.73	15	1981	13.02	5.29E-05	Upper
225-01	1.365	-0.620	0.52	102	1990	133.46	9.18E-18	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
225-01	1.760	-1.307	0.70	99	1990	100.08	5.36E-27	Middle
225-01	1.654	-1.423	0.71	112	1990	97.17	2.58E-31	Upper
225-02	1.811	-0.477	0.84	134	1993	47.52	2.86E-55	Lower
226-01	0.586	0.706	0.72	117	1979	13.75	1.54E-33	Lower
226-01	1.233	-0.060	0.69	116	1983	68.07	9.76E-31	Middle
226-01	1.700	-0.932	0.79	127	1983	85.37	7.53E-44	Upper
226-02	0.727	0.813	0.90	29	1985	1.28	2.58E-15	Lower
226-02	0.940	0.517	0.91	33	1985	2.07	6.44E-18	Middle
226-02	1.218	-0.002	0.82	35	1985	8.75	8.38E-14	Upper
227-01	0.849	-0.067	0.95	44	1974	2.42	2.51E-28	Lower
227-01	1.251	-1.008	0.85	40	1974	15.40	4.48E-17	Middle
227-01	1.323	-1.545	0.93	49	1974	8.94	2.46E-28	Upper
227-02	1.214	-0.440	0.88	45	1974	8.01	1.36E-21	Lower
227-02	1.614	-1.255	0.99	47	1974	1.11	3.19E-47	Middle
227-02	1.459	-1.419	0.94	51	1974	6.35	2.03E-31	Upper
227-04	1.374	-0.801	0.82	231	1993	94.29	8.38E-87	Lower
227-04	1.545	-1.265	0.88	234	1950	72.44	1.15E-108	Middle
227-04	1.425	-1.413	0.86	251	1988	77.32	2.82E-108	Upper
228-07	0.976	0.165	0.96	42	1993	1.62	8.17E-30	Lower
228-07	1.595	-0.594	0.87	43	1982	16.43	1.41E-19	Middle
228-07	1.781	-1.028	0.96	52	1982	5.71	1.19E-37	Upper
229-01	0.635	0.459	0.77	70	1980	7.06	1.86E-23	Lower
229-01	1.542	-0.548	0.76	68	1980	41.82	2.91E-22	Middle
229-01	1.674	-1.180	0.78	76	1980	50.15	5.70E-26	Upper
229-03	0.944	-0.038	0.80	70	1985	15.32	2.79E-25	Lower
229-03	1.664	-1.135	0.88	70	1985	24.62	1.63E-33	Middle
229-03	1.540	-1.271	0.87	76	1985	25.97	2.24E-34	Upper
230-01	0.933	0.123	0.69	157	1983	54.59	4.15E-41	Lower
230-01	1.750	-1.197	0.77	161	1979	126.05	4.07E-53	Middle
230-01	1.751	-1.492	0.86	167	1979	73.75	4.51E-72	Upper
230-02	1.019	0.412	0.95	16	1983	0.44	9.53E-11	Lower
230-02	1.399	-0.161	0.86	14	1983	2.70	1.72E-06	Middle
230-02	1.768	-1.055	0.94	20	1983	2.29	2.04E-12	Upper
230-03	0.912	0.252	0.94	86	1990	3.79	4.19E-54	Lower
230-03	1.790	-0.863	0.93	89	1990	17.17	3.48E-53	Middle
230-03	1.605	-1.134	0.89	93	1990	24.47	4.13E-46	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
230-04	1.418	-1.464	0.98	92	1960	3.87	8.68E-83	Lower
230-04	1.315	-1.574	0.98	88	1960	3.68	4.51E-77	Middle
230-04	1.197	-1.703	0.97	98	1960	6.47	6.81E-72	Upper
230-05	0.593	-0.063	0.83	66	1993	5.85	6.04E-26	Lower
230-05	0.886	-0.717	0.67	65	1993	29.38	7.13E-17	Middle
230-05	1.124	-1.378	0.76	77	1965	33.70	3.11E-25	Upper
231-01	1.553	-1.193	0.97	163	1975	9.86	6.32E-128	Lower
231-01	1.512	-1.378	0.99	164	1975	4.34	3.24E-155	Middle
231-01	1.370	-1.527	0.93	170	1975	20.53	2.55E-100	Upper
231-02	0.887	0.121	0.88	72	1988	6.47	6.01E-34	Lower
231-02	1.423	-0.763	0.83	74	1988	25.51	8.37E-30	Middle
231-02	1.547	-1.255	0.92	78	1988	14.05	9.76E-43	Upper
233-01	0.624	0.821	0.71	173	1991	19.17	3.46E-48	Lower
233-01	0.725	0.572	0.65	173	1991	33.95	3.88E-41	Middle
233-01	1.830	-0.379	0.80	178	1991	105.25	2.97E-63	Upper
235-01	0.770	0.719	0.90	67	1995	3.39	6.72E-35	Lower
235-01	0.760	0.471	0.81	66	1995	7.38	5.58E-25	Middle
235-01	0.962	0.047	0.72	75	1995	21.82	6.89E-22	Upper
236-01	1.405	-0.801	0.60	42	1977	55.59	1.40E-09	Lower
236-01	1.796	-1.440	0.86	39	1977	21.18	3.94E-17	Middle
236-01	1.692	-1.550	0.86	47	1977	21.26	3.63E-21	Upper
236-02	0.880	0.805	0.97	20	1991	0.29	2.47E-15	Lower
236-02	0.897	0.652	0.97	24	1991	0.42	8.16E-18	Middle
236-02	0.842	0.449	0.90	25	1991	1.29	6.81E-13	Upper
237-02	0.977	0.074	0.95	87	1988	3.01	8.83E-59	Lower
237-02	1.513	-0.912	0.91	90	1988	15.83	1.13E-47	Middle
237-02	1.453	-1.407	0.94	93	1988	10.00	2.62E-56	Upper
238-03	0.939	0.340	0.91	195	1983	16.76	3.90E-101	Lower
238-03	0.981	0.110	0.96	192	1983	7.82	1.67E-131	Middle
238-03	1.771	-0.886	0.94	202	1983	38.81	4.37E-123	Upper
239-01	0.946	0.213	0.96	125	1989	2.92	3.24E-91	Lower
239-01	0.922	0.012	0.99	126	1989	0.97	2.02E-120	Middle
239-01	0.932	-0.370	0.69	130	1989	35.41	8.59E-35	Upper
241-01	0.894	-0.017	0.95	11	1980	0.43	5.52E-07	Lower
241-01	1.156	-0.405	0.85	12	1980	2.90	1.90E-05	Middle
241-01	1.489	-1.349	0.89	17	1980	3.78	1.25E-08	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
241-02	1.676	-1.418	0.68	162	1980	193.37	4.71E-41	Middle
241-02	1.482	-1.596	0.65	168	1980	177.74	1.53E-39	Upper
246-01	1.213	-0.178	0.69	107	1993	45.22	2.58E-28	Lower
246-01	1.719	-1.493	0.62	105	1993	120.70	2.69E-23	Middle
246-01	1.533	-1.709	0.56	112	1993	130.06	2.12E-21	Upper
248-02	1.705	-1.254	0.83	10	1965	6.71	2.48E-04	Lower
248-02	1.679	-1.155	0.99	7	1965	0.23	2.35E-06	Middle
248-02	1.537	-1.469	0.79	16	1965	10.99	4.33E-06	Upper
249-01	0.794	0.341	0.90	113	1995	7.91	1.86E-57	Lower
249-01	0.816	0.073	0.87	112	1995	10.56	1.97E-51	Middle
249-01	0.932	-0.381	0.66	127	1981	55.21	7.52E-31	Upper
252-04	1.537	-1.012	0.95	141	1963	17.50	4.67E-92	Lower
252-04	1.580	-1.300	0.98	141	1963	5.49	1.11E-126	Middle
252-04	1.448	-1.445	0.96	147	1963	13.51	2.27E-101	Upper
253-03	0.927	-0.247	0.57	15	1975	10.36	1.06E-03	Lower
253-03	1.608	-1.305	0.69	18	1975	21.12	2.00E-05	Middle
253-03	1.696	-1.466	0.79	21	1975	16.32	7.26E-08	Upper
254-31	1.962	-1.089	0.73	170	1990	151.04	3.62E-50	Lower
254-31	1.894	-1.248	0.76	175	1990	125.19	1.51E-55	Middle
254-31	1.717	-1.405	0.75	176	1990	111.93	9.47E-54	Upper
255-01	0.937	0.299	0.90	10	1976	1.13	2.82E-05	Lower
255-01	0.904	-0.064	0.93	11	1976	0.85	1.41E-06	Middle
255-01	1.737	-1.367	0.88	16	1976	7.89	1.01E-07	Upper
255-02	0.940	0.207	0.95	60	1975	2.45	1.41E-40	Lower
255-02	0.967	0.060	0.99	58	1975	0.65	9.46E-55	Middle
255-02	1.244	-0.558	0.71	72	1975	40.44	1.80E-20	Upper
255-30	0.655	0.479	0.66	19	1994	4.01	2.49E-05	Lower
255-30	1.724	-1.293	0.80	23	1994	15.98	1.02E-08	Middle
255-30	1.534	-1.388	0.77	29	1994	17.99	3.82E-10	Upper
256-01	0.833	0.503	0.88	94	1986	7.58	7.05E-45	Lower
256-01	0.801	0.213	0.89	100	1988	6.88	3.44E-49	Middle
256-01	1.251	-1.068	0.56	104	1986	116.16	7.77E-20	Upper
256-02	0.984	0.123	0.94	47	1985	2.88	1.43E-29	Lower
256-02	1.558	-0.684	0.85	49	1985	22.24	1.08E-20	Middle
256-02	1.787	-1.100	0.98	51	1985	2.77	1.62E-45	Upper
256-07	1.235	-0.446	0.56	100	1979	119.54	5.31E-19	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-07	1.879	-1.337	0.86	103	1977	60.24	3.18E-44	Middle
256-07	1.777	-1.459	0.86	107	1977	55.30	5.83E-46	Upper
256-08	1.886	-0.746	0.95	113	1992	14.58	1.14E-75	Lower
256-08	1.766	-1.015	0.96	116	1992	10.35	2.14E-83	Middle
256-08	1.550	-1.231	0.90	119	1992	21.98	1.36E-61	Upper
256-09	2.120	-1.087	0.77	39	1994	31.12	2.30E-13	Lower
256-09	2.016	-1.342	0.74	36	1994	29.51	1.41E-11	Middle
256-09	1.805	-1.481	0.71	45	1994	35.90	5.30E-13	Upper
256-10	0.430	0.220	0.67	65	1977	5.07	1.01E-16	Lower
256-10	0.793	-0.455	0.51	66	1977	33.37	1.90E-11	Middle
256-10	1.232	-1.205	0.71	74	1986	36.89	3.57E-21	Upper
256-11	0.870	0.392	0.87	16	1966	1.16	1.37E-07	Lower
256-11	1.159	-0.044	0.72	16	1966	5.07	2.89E-05	Middle
256-11	1.720	-1.207	0.78	21	1966	11.08	1.08E-07	Upper
256-12	0.773	0.647	0.81	76	1983	9.25	1.32E-28	Lower
256-12	0.990	0.143	0.76	77	1983	20.89	9.81E-25	Middle
256-12	1.739	-1.418	0.74	82	1983	77.46	7.40E-25	Upper
256-31	1.517	-0.078	0.88	41	1992	8.44	1.87E-19	Lower
256-31	2.029	-0.744	0.99	38	1992	1.26	9.23E-36	Middle
256-31	1.896	-0.906	0.98	47	1992	2.72	8.04E-38	Upper
256-32	1.066	0.147	0.99	48	1982	0.34	1.25E-49	Lower
256-32	1.029	0.107	0.99	52	1982	0.42	4.25E-52	Middle
256-32	1.018	-0.126	0.90	54	1982	4.78	1.66E-27	Upper
257-01	0.597	0.224	0.73	38	1978	3.21	1.02E-11	Lower
257-01	0.521	-0.024	0.74	40	1978	2.46	1.41E-12	Middle
257-02	1.213	-0.463	0.82	97	1986	27.50	1.32E-37	Lower
257-02	1.609	-1.210	0.96	95	1980	8.19	1.02E-68	Middle
257-02	1.436	-1.401	0.91	107	1986	18.91	8.74E-57	Upper
257-03	0.723	0.596	0.88	49	1986	3.35	1.67E-23	Lower
257-03	1.035	-0.002	0.70	50	1986	25.33	5.69E-14	Middle
257-03	1.621	-0.916	0.87	56	1964	22.33	3.67E-25	Upper
258-01	0.777	0.321	0.89	110	1995	6.44	5.03E-54	Lower
258-01	1.316	-0.494	0.84	112	1981	30.48	2.49E-45	Middle
258-01	1.584	-1.058	0.90	121	1981	24.75	1.56E-62	Upper
258-02	0.938	0.013	1.00	7	1971	0.00	3.66E-09	Lower
258-02	0.919	-0.007	1.00	7	1971	0.01	1.88E-08	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
258-02	1.639	-1.142	0.97	14	1971	0.76	5.91E-11	Upper
258-31	0.656	0.147	0.82	47	1995	4.14	1.87E-18	Lower
258-31	0.706	-0.119	0.86	51	1995	3.89	2.58E-22	Middle
258-31	1.099	-0.847	0.71	62	1971	25.96	7.23E-18	Upper
260-09	0.660	0.222	0.86	122	1995	8.70	3.02E-52	Lower
260-09	1.404	-0.788	0.82	127	1995	51.37	1.13E-48	Middle
260-09	1.512	-1.139	0.88	130	1982	37.04	1.03E-61	Upper
260-10	0.443	0.647	0.57	112	1994	9.79	7.25E-22	Lower
260-10	0.477	0.455	0.59	109	1994	10.24	2.41E-22	Middle
260-11	0.473	0.467	0.50	62	1994	8.27	1.23E-10	Lower
260-11	0.601	0.143	0.55	64	1994	10.99	1.98E-12	Middle
261-06	0.916	0.371	0.85	29	1993	2.50	8.19E-13	Lower
261-06	1.824	-0.824	0.93	28	1993	3.86	8.95E-17	Middle
261-06	1.781	-1.442	0.63	35	1993	37.92	1.02E-08	Upper
262-01	1.801	-0.683	0.56	44	1994	67.20	5.68E-09	Lower
262-01	2.005	-1.277	0.68	43	1994	49.97	9.72E-12	Middle
262-01	1.772	-1.466	0.64	50	1994	56.17	3.94E-12	Upper
263-07	1.171	-0.563	0.80	138	1968	60.83	5.63E-50	Lower
263-07	1.469	-1.240	0.94	139	1968	23.30	1.17E-87	Middle
263-07	1.448	-1.789	0.89	144	1968	46.76	3.74E-71	Upper
264-01	0.855	0.137	0.83	78	1960	14.51	2.25E-31	Lower
264-01	1.098	-0.599	0.58	76	1960	86.44	1.31E-15	Middle
264-01	1.698	-1.507	0.88	87	1960	44.17	1.06E-40	Upper
264-02	0.807	0.181	0.95	62	1960	2.42	1.06E-39	Lower
264-02	0.869	-0.049	0.93	57	1960	3.17	4.24E-34	Middle
264-02	0.803	-0.115	0.84	68	1960	8.44	2.53E-28	Upper
264-03	0.692	0.663	0.81	66	1986	5.61	1.93E-24	Lower
264-03	0.626	0.592	0.71	64	1986	7.12	1.92E-18	Middle
264-04	0.872	0.509	0.94	74	1981	4.39	6.89E-45	Lower
264-04	1.417	-0.201	0.76	73	1976	53.38	8.93E-24	Middle
264-04	1.936	-0.956	0.98	81	1981	8.01	1.19E-66	Upper
266-01	0.714	0.524	0.83	155	1978	12.98	3.46E-61	Lower
266-01	1.201	-0.097	0.75	153	1992	58.52	1.28E-47	Middle
266-01	1.794	-1.033	0.85	174	1978	76.48	8.83E-74	Upper
269-01	0.841	0.012	0.91	82	1990	4.53	4.04E-43	Lower
269-01	0.770	-0.093	0.86	82	1990	5.67	2.82E-36	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
269-01	0.663	-0.292	0.63	88	1990	17.22	2.90E-20	Upper
269-09	1.490	-1.439	0.72	123	1957	117.54	1.88E-35	Lower
269-09	1.427	-1.692	0.78	124	1957	79.24	7.06E-42	Middle
269-09	1.272	-1.836	0.79	128	1957	62.71	4.08E-44	Upper
269-10	1.038	-0.150	0.73	95	1963	43.24	4.01E-28	Lower
269-10	1.593	-1.204	0.89	96	1963	32.59	1.82E-47	Middle
269-10	1.335	-1.900	0.74	99	1963	70.12	3.64E-30	Upper
270-03	1.818	-0.771	0.95	31	1992	4.67	3.81E-20	Lower
270-03	1.814	-0.974	0.97	30	1992	2.09	6.00E-24	Middle
270-03	1.577	-1.238	0.94	36	1992	4.61	2.78E-22	Upper
270-04	1.055	-0.262	0.73	40	1958	24.53	2.78E-12	Lower
270-04	1.661	-1.595	0.91	38	1958	14.71	9.81E-21	Middle
270-04	1.582	-1.705	0.91	45	1958	17.19	1.32E-23	Upper
271-01	0.607	0.391	0.66	84	1975	8.71	5.65E-21	Lower
271-01	1.489	-0.768	0.54	80	1975	80.97	6.01E-15	Middle
271-01	1.555	-1.763	0.60	89	1975	79.22	3.95E-19	Upper
271-02	1.352	-1.291	0.59	74	1983	108.65	1.37E-15	Lower
271-02	1.486	-1.710	0.75	75	1966	62.69	6.59E-24	Middle
271-02	1.366	-1.827	0.74	81	1966	59.15	3.83E-25	Upper
271-03	1.772	-1.508	0.90	146	1965	67.60	2.02E-74	Lower
271-03	1.710	-1.561	0.90	145	1965	62.49	3.23E-74	Middle
271-03	1.642	-1.627	0.90	152	1965	60.07	2.49E-77	Upper
273-03	0.947	0.133	0.63	132	1983	62.64	1.61E-29	Lower
273-03	1.559	-0.878	0.70	136	1981	126.80	1.60E-36	Middle
273-03	1.797	-1.401	0.87	144	1981	60.51	2.13E-64	Upper
274-01	0.557	0.667	0.70	206	1990	19.59	2.70E-55	Lower
274-01	1.136	0.010	0.56	203	1986	146.13	8.79E-38	Middle
274-01	1.755	-0.757	0.81	214	1986	112.38	1.26E-77	Upper
274-03	0.521	0.044	0.74	163	1952	20.35	1.33E-48	Lower
274-03	1.051	-0.858	0.66	167	1952	123.01	2.79E-40	Middle
274-03	1.166	-1.502	0.75	169	1952	99.39	9.72E-52	Upper
275-01	0.992	0.254	0.91	158	1991	9.62	7.00E-84	Lower
275-01	1.743	-0.749	0.91	154	1991	27.59	5.38E-83	Middle
275-01	1.648	-1.119	0.89	164	1991	33.03	3.45E-81	Upper
275-03	1.020	-0.098	0.74	164	1991	53.35	7.36E-50	Lower
275-03	1.526	-0.970	0.86	167	1991	55.53	5.91E-73	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
275-03	1.405	-1.119	0.83	175	1962	62.94	1.63E-68	Upper
276-01	0.967	0.053	0.82	108	1984	18.66	7.32E-42	Lower
276-01	1.767	-0.936	0.95	112	1984	16.78	8.58E-72	Middle
276-01	1.637	-1.357	0.80	114	1984	64.13	2.24E-41	Upper
276-02	0.800	0.489	0.88	65	1980	5.20	4.30E-31	Lower
276-02	1.099	-0.048	0.78	64	1980	21.36	7.79E-22	Middle
276-02	1.680	-1.009	0.89	70	1980	22.84	2.63E-34	Upper
276-03	1.297	-0.538	0.72	122	1993	87.16	1.37E-34	Lower
276-03	1.651	-1.368	0.83	120	1993	68.28	6.40E-48	Middle
276-03	1.529	-1.514	0.81	133	1957	73.92	1.30E-49	Upper
276-04	1.576	-1.074	0.96	108	1967	9.53	5.33E-78	Lower
276-04	1.582	-1.290	0.99	108	1967	2.12	4.31E-113	Middle
276-04	1.459	-1.420	0.97	114	1967	7.23	1.66E-86	Upper
276-05	1.218	-0.789	0.51	125	1970	189.12	8.47E-21	Lower
276-05	1.718	-1.490	0.79	122	1970	102.20	1.26E-42	Middle
276-05	1.609	-1.585	0.79	134	1978	97.18	2.62E-46	Upper
278-04	1.645	-1.227	0.99	34	1960	0.82	1.01E-34	Lower
278-04	1.574	-1.304	0.98	31	1960	1.32	4.32E-27	Middle
278-04	1.463	-1.426	0.94	40	1960	5.21	1.77E-25	Upper
278-05	0.733	0.977	0.83	60	1960	4.24	8.59E-24	Lower
278-05	0.697	0.799	0.76	58	1960	5.72	5.04E-19	Middle
278-05	0.729	0.335	0.56	64	1960	16.68	9.65E-13	Upper
278-06	1.457	-0.982	0.69	117	1953	132.24	5.93E-31	Lower
278-06	1.654	-1.526	0.81	116	1966	85.93	2.95E-43	Middle
278-06	1.533	-1.662	0.81	127	1966	83.23	2.64E-46	Upper
278-07	1.451	-0.861	0.92	83	1959	14.82	7.08E-47	Lower
278-07	1.590	-1.288	0.98	87	1959	4.76	1.55E-73	Middle
278-07	1.489	-1.400	0.95	89	1959	11.07	1.62E-57	Upper
279-01	0.893	0.534	0.97	18	1973	0.26	9.29E-14	Lower
279-01	1.020	0.242	0.98	18	1973	0.26	3.37E-15	Middle
279-01	1.577	-0.711	0.80	24	1973	9.75	3.58E-09	Upper
279-02	0.833	0.219	0.90	125	1986	7.82	2.87E-64	Lower
279-02	1.371	-0.517	0.76	124	1986	63.84	3.34E-39	Middle
279-02	1.485	-1.514	0.74	130	1986	85.13	2.77E-39	Upper
279-03	1.176	-0.730	0.87	12	1952	2.55	1.14E-05	Lower
279-03	1.452	-1.447	0.98	8	1970	0.37	1.54E-06	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
279-03	1.372	-1.521	0.94	23	1952	2.21	2.31E-14	Upper
279-04	0.704	0.323	0.88	14	1986	0.85	5.67E-07	Lower
279-04	0.760	0.068	0.89	11	1986	0.80	1.53E-05	Middle
279-04	0.944	-0.467	0.53	20	1986	13.99	2.95E-04	Upper
281-01	1.231	-0.457	0.86	24	1978	5.67	7.11E-11	Lower
281-01	1.594	-1.242	0.96	27	1978	2.39	2.92E-19	Middle
281-01	1.432	-1.404	0.90	30	1978	6.16	1.01E-15	Upper
281-02	1.624	-1.246	1.00	39	1972	0.34	6.00E-47	Lower
281-02	1.527	-1.344	0.99	39	1972	0.58	8.78E-41	Middle
281-02	1.410	-1.472	0.98	45	1972	1.98	8.68E-37	Upper
281-03	0.505	0.504	0.65	276	1950	47.74	5.21E-65	Lower
281-03	1.251	-0.849	0.69	272	1950	242.90	4.37E-71	Middle
281-03	1.389	-1.628	0.77	284	1950	214.65	8.68E-91	Upper
281-04	1.473	-1.353	0.98	176	1965	7.15	1.57E-158	Lower
281-04	1.391	-1.496	0.99	175	1965	4.16	2.34E-173	Middle
281-04	1.234	-1.672	0.95	182	1965	16.29	2.39E-120	Upper
282-30	1.162	-0.392	0.72	21	1947	15.26	1.11E-06	Lower
282-30	1.483	-1.215	0.81	25	1947	16.62	7.96E-10	Middle
282-30	1.391	-1.639	0.82	27	1947	15.26	6.85E-11	Upper
282-31	0.912	0.157	0.94	35	1995	1.21	2.05E-21	Lower
282-31	1.473	-0.672	0.83	36	1995	10.07	8.00E-15	Middle
282-31	1.610	-1.683	0.65	40	1995	34.64	3.77E-10	Upper
283-30	1.013	0.101	0.99	7	1987	0.07	3.22E-06	Lower
283-30	0.982	0.068	0.99	4	1987	0.04	5.21E-03	Middle
283-30	0.880	-0.043	0.92	11	1987	0.70	2.72E-06	Upper
284-01	0.754	0.018	0.86	24	1984	1.92	7.57E-11	Lower
284-01	0.708	-0.172	0.82	23	1984	1.88	2.15E-09	Middle
284-01	0.890	-0.627	0.68	29	1984	9.33	4.04E-08	Upper
284-02	1.652	-1.173	0.83	20	1981	11.52	3.08E-08	Lower
284-02	1.656	-1.522	0.82	20	1981	11.21	3.15E-08	Middle
284-02	1.619	-1.513	0.85	24	1981	11.00	1.17E-10	Upper
284-30	1.750	-0.869	0.93	77	1982	18.17	1.22E-45	Lower
284-30	1.763	-1.046	0.97	75	1982	6.64	1.19E-59	Middle
284-30	1.656	-1.169	0.97	81	1982	7.34	8.99E-62	Upper
286-01	0.748	0.737	0.85	106	1962	6.86	4.13E-44	Lower
286-01	0.731	0.471	0.87	106	1962	5.53	2.52E-47	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
286-01	0.868	-0.080	0.69	110	1962	23.93	4.33E-29	Upper
287-05	1.413	-0.847	0.92	90	1966	15.38	7.04E-51	Lower
287-05	1.574	-1.297	0.99	89	1966	2.34	1.03E-87	Middle
287-05	1.438	-1.450	0.94	99	1958	13.60	2.34E-60	Upper
288-02	1.236	-0.554	0.89	161	1956	31.83	9.72E-78	Lower
288-02	1.560	-1.315	0.99	163	1956	3.61	2.01E-168	Middle
288-02	1.420	-1.466	0.97	167	1956	11.56	3.91E-125	Upper
289-02	0.638	0.457	0.84	173	1962	16.19	1.63E-70	Lower
289-02	1.137	-0.433	0.79	178	1962	74.36	9.93E-62	Middle
289-02	1.465	-1.149	0.91	181	1962	49.06	1.10E-93	Upper
290-01	1.041	-0.030	0.74	166	1957	76.40	6.48E-50	Lower
290-01	1.623	-1.010	0.91	163	1957	49.03	6.38E-88	Middle
290-01	1.489	-1.225	0.93	175	1957	35.52	3.12E-101	Upper
290-02	0.887	0.271	0.55	88	1986	45.26	1.55E-16	Lower
290-02	1.782	-1.057	0.78	88	1986	63.63	7.87E-30	Middle
290-02	1.566	-1.458	0.70	94	1986	78.11	1.02E-25	Upper
291-01	2.106	-1.178	0.70	23	1995	21.95	5.67E-07	Lower
291-01	1.912	-1.433	0.66	20	1995	17.57	1.43E-05	Middle
291-01	1.645	-1.679	0.64	28	1995	22.28	3.19E-07	Upper
291-02	0.637	0.482	0.64	205	1994	24.45	8.29E-47	Lower
291-02	1.230	-1.029	0.56	215	1994	130.77	6.13E-40	Upper
292-01	1.533	-1.301	0.81	55	1954	36.86	5.93E-21	Lower
292-01	1.480	-1.628	0.75	54	1954	49.47	2.28E-17	Middle
292-01	1.394	-1.701	0.73	61	1954	54.10	3.11E-18	Upper
294-04	0.506	0.645	0.81	207	1962	14.27	6.17E-77	Lower
294-04	1.385	-0.675	0.78	199	1962	126.02	2.77E-67	Middle
294-04	1.399	-1.038	0.82	218	1962	112.81	3.14E-81	Upper
294-05	0.880	-0.039	0.94	156	1965	8.04	4.99E-95	Lower
294-05	1.403	-1.042	0.90	156	1965	33.34	6.85E-80	Middle
294-05	1.465	-1.397	0.91	162	1965	33.35	8.47E-87	Upper
295-01	1.539	-1.040	0.94	31	1986	4.22	3.65E-19	Lower
295-01	1.522	-1.347	0.99	33	1986	0.52	1.07E-34	Middle
295-01	1.329	-1.542	0.95	37	1986	2.97	2.78E-24	Upper
295-02	1.498	-1.310	0.81	116	1951	78.91	1.62E-43	Lower
295-02	1.474	-1.744	0.81	119	1949	76.99	1.64E-44	Middle
295-02	1.317	-1.885	0.81	123	1951	63.91	4.15E-46	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
295-03	1.689	-0.891	0.95	62	1989	7.91	2.81E-40	Lower
295-03	1.693	-1.188	0.99	60	1989	1.12	5.11E-63	Middle
295-03	1.473	-1.426	0.97	68	1989	4.25	6.08E-50	Upper
295-04	1.894	-0.961	1.00	20	1983	0.17	1.15E-24	Lower
295-04	1.842	-1.018	1.00	20	1983	0.08	1.67E-27	Middle
295-04	1.712	-1.159	0.99	24	1983	0.56	5.50E-24	Upper
296-02	1.593	-1.286	0.98	116	1957	7.03	4.73E-96	Lower
296-02	1.514	-1.374	0.96	117	1957	11.54	1.85E-81	Middle
296-02	1.385	-1.509	0.92	122	1957	19.95	2.89E-69	Upper
296-03	1.547	-1.163	0.97	119	1974	11.21	6.96E-89	Lower
296-03	1.529	-1.352	0.99	117	1954	3.59	1.92E-115	Middle
296-03	1.426	-1.474	0.97	128	1954	9.79	4.78E-96	Upper
297-02	1.074	-0.392	0.83	33	1983	6.94	2.07E-13	Lower
297-02	1.574	-1.254	0.96	33	1983	2.35	4.18E-24	Middle
297-02	1.421	-1.434	0.94	39	1983	4.39	4.20E-24	Upper
297-03	1.499	-1.379	0.99	126	1958	2.53	8.15E-134	Lower
297-03	1.390	-1.496	0.99	127	1958	4.20	2.58E-117	Middle
297-03	1.182	-1.723	0.93	132	1958	16.66	1.29E-76	Upper
298-02	1.676	-1.394	0.76	198	1978	176.47	6.61E-62	Middle
298-02	1.541	-1.615	0.77	202	1978	139.44	1.20E-65	Upper
299-02	0.653	0.446	0.89	206	1988	13.39	1.14E-98	Lower
299-02	1.008	-0.274	0.80	204	1988	65.23	1.37E-71	Middle
299-02	1.443	-1.193	0.89	216	1962	67.44	2.39E-103	Upper
300-01	1.575	-1.302	0.99	139	1962	2.58	5.22E-148	Lower
300-01	1.482	-1.405	0.99	139	1962	2.16	1.07E-148	Middle
300-01	1.350	-1.546	0.97	145	1962	8.21	6.40E-111	Upper
300-02	0.477	0.640	0.81	98	1965	7.08	2.83E-36	Lower
300-02	0.971	-0.190	0.61	98	1965	80.65	2.51E-21	Middle
300-02	1.376	-0.968	0.81	104	1965	61.60	1.45E-38	Upper
300-03	0.878	0.204	0.85	49	1986	5.28	4.74E-21	Lower
300-03	0.784	-0.168	0.62	45	1986	13.87	1.56E-10	Middle
300-03	1.571	-1.529	0.67	55	1986	52.72	2.46E-14	Upper
300-30	0.872	0.054	0.93	35	1977	2.11	6.90E-21	Lower
300-30	0.782	-0.138	0.91	38	1977	2.59	2.58E-20	Middle
300-30	1.288	-1.185	0.86	40	1977	11.72	9.01E-18	Upper
301-02	1.712	-1.460	0.68	145	1986	161.11	2.05E-37	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
301-03	0.828	0.270	0.83	136	1986	14.46	3.49E-53	Lower
301-03	0.831	-0.242	0.59	130	1986	46.84	1.25E-26	Middle
301-03	1.613	-1.508	0.76	142	1986	87.75	4.96E-45	Upper
302-01	1.664	-1.374	0.56	98	1992	129.51	5.10E-19	Middle
302-01	1.534	-1.508	0.56	103	1992	118.73	1.21E-19	Upper
302-02	1.474	-0.413	0.82	41	1992	19.93	5.85E-16	Lower
302-02	1.713	-1.079	0.96	41	1992	4.70	6.05E-29	Middle
302-02	1.412	-1.407	0.93	47	1992	6.52	5.29E-28	Upper
303-01	1.470	-1.077	0.93	148	1986	21.96	2.58E-84	Lower
303-01	1.475	-1.388	0.99	147	1986	3.07	4.73E-143	Middle
303-01	1.280	-1.609	0.96	154	1986	8.73	7.51E-109	Upper
303-02	1.490	-1.749	0.54	34	1995	44.59	8.14E-07	Lower
303-02	1.280	-2.032	0.51	37	1995	40.37	6.31E-07	Middle
303-02	1.165	-2.094	0.51	39	1995	35.04	3.33E-07	Upper
303-03	0.718	0.263	0.79	73	1940	13.92	5.40E-26	Lower
303-03	1.303	-0.795	0.76	77	1940	56.03	2.87E-25	Middle
303-03	1.404	-1.506	0.72	79	1940	85.82	6.33E-23	Upper
304-01	0.616	0.748	0.67	184	1985	26.24	2.98E-45	Lower
304-01	1.304	-0.115	0.65	181	1985	124.72	8.15E-43	Middle
304-01	1.673	-1.155	0.75	190	1985	132.65	1.73E-58	Upper
304-02	1.655	-1.126	0.96	119	1984	11.48	1.74E-85	Lower
304-02	1.573	-1.318	0.98	120	1984	5.47	1.95E-101	Middle
304-02	1.392	-1.523	0.94	125	1984	13.23	2.46E-78	Upper
305-01	1.374	-0.713	0.61	103	1978	126.25	1.47E-22	Middle
305-01	1.841	-1.374	0.86	110	1978	61.47	8.84E-48	Upper
305-02	0.947	0.041	0.97	135	1979	4.45	7.94E-102	Lower
305-02	0.849	-0.106	0.92	134	1979	10.08	6.06E-73	Middle
305-02	1.538	-1.277	0.94	142	1979	24.26	5.54E-87	Upper
305-03	0.720	0.520	0.78	158	1991	16.80	1.11E-52	Lower
305-03	1.502	-0.280	0.72	158	1991	97.34	2.14E-45	Middle
305-03	1.740	-1.058	0.81	163	1991	81.57	3.35E-60	Upper
305-30	0.907	-0.013	0.97	30	1970	0.70	8.25E-23	Lower
305-30	0.828	-0.095	0.97	33	1970	0.75	1.45E-24	Middle
305-30	0.729	-0.193	0.87	36	1970	2.68	2.03E-16	Upper
306-02	1.613	-0.935	0.90	78	1988	17.45	1.85E-40	Lower
306-02	1.603	-1.248	0.97	78	1988	4.52	2.83E-61	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
306-02	1.419	-1.482	0.93	84	1988	10.29	5.87E-49	Upper
307-01	0.923	0.278	0.90	63	1966	4.27	7.33E-32	Lower
307-01	0.819	-0.066	0.87	61	1966	4.42	2.29E-27	Middle
307-01	1.599	-1.113	0.89	67	1966	14.54	5.24E-33	Upper
309-03	1.501	-1.112	0.96	88	1958	8.53	6.90E-62	Lower
309-03	1.511	-1.367	0.99	90	1958	1.28	4.10E-100	Middle
309-03	1.351	-1.538	0.96	94	1958	8.03	1.84E-64	Upper
311-01	1.191	-0.623	0.63	207	1956	210.55	5.39E-46	Middle
311-01	1.266	-1.094	0.69	219	1956	189.29	4.01E-57	Upper
311-02	1.208	-0.591	0.89	170	1965	31.01	3.56E-81	Lower
311-02	1.538	-1.333	0.99	175	1965	3.09	2.44E-185	Middle
311-02	1.392	-1.486	0.95	176	1965	18.17	1.07E-113	Upper
313-30	1.422	-0.946	0.93	136	1957	21.46	3.58E-79	Lower
313-30	1.530	-1.352	0.99	131	1957	3.54	5.85E-128	Middle
313-30	1.421	-1.473	0.96	142	1957	11.29	2.19E-102	Upper
314-01	1.424	-0.945	0.91	136	1958	26.87	5.01E-73	Lower
314-01	1.533	-1.322	0.96	131	1958	11.79	5.70E-95	Middle
314-01	1.425	-1.431	0.92	147	1958	24.90	1.51E-82	Upper
316-01	1.255	-0.447	0.89	25	1960	5.40	1.20E-12	Lower
316-01	1.630	-1.244	0.99	29	1960	0.94	2.30E-28	Middle
316-01	1.499	-1.387	0.97	30	1960	2.07	1.07E-23	Upper
316-04	0.527	0.560	0.65	131	1957	21.35	3.06E-31	Lower
316-04	1.216	-0.498	0.64	131	1957	116.34	1.47E-30	Middle
316-04	1.393	-1.187	0.72	137	1957	111.98	3.78E-39	Upper
316-05	1.602	-1.270	0.99	69	1959	1.07	1.11E-76	Lower
316-05	1.516	-1.363	1.00	73	1959	0.83	1.68E-84	Middle
316-05	1.361	-1.533	0.97	75	1959	4.77	2.80E-56	Upper
316-06	1.431	-1.019	0.75	139	1959	118.79	8.01E-43	Lower
316-06	1.535	-1.656	0.79	141	1959	105.87	2.12E-49	Middle
316-06	1.393	-1.782	0.79	144	1959	89.38	1.59E-50	Upper
317-02	0.534	0.816	0.56	119	1978	22.09	7.99E-23	Lower
317-02	1.273	-0.089	0.67	118	1978	77.57	5.18E-30	Middle
317-02	1.633	-1.174	0.78	125	1978	78.60	1.31E-42	Upper
317-03	1.282	-0.843	0.65	84	1957	93.27	1.58E-20	Upper
317-04	1.618	-1.254	0.98	89	1954	4.29	1.39E-78	Lower
317-04	1.550	-1.326	0.97	87	1954	5.89	1.88E-69	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
317-04	1.430	-1.455	0.93	95	1954	16.18	1.46E-54	Upper
317-05	1.355	-0.810	0.90	64	1956	13.34	4.37E-33	Lower
317-05	1.536	-1.342	0.97	60	1956	5.19	3.79E-44	Middle
317-05	1.436	-1.456	0.92	70	1956	13.09	3.79E-39	Upper
317-06	1.331	-0.871	0.70	152	1959	144.84	9.00E-41	Upper
318-01	0.328	0.787	0.57	116	1959	11.75	1.57E-22	Lower
318-01	0.976	-0.289	0.52	117	1959	129.90	6.11E-20	Middle
318-01	1.248	-1.019	0.68	122	1959	109.63	1.35E-31	Upper
318-02	1.526	-1.164	0.97	120	1959	9.01	8.65E-92	Lower
318-02	1.502	-1.382	0.99	121	1959	2.06	2.76E-129	Middle
318-02	1.373	-1.523	0.96	126	1959	10.51	4.36E-88	Upper
318-03	1.560	-1.314	0.98	33	1959	1.35	1.10E-29	Lower
318-03	1.466	-1.413	0.97	29	1959	1.72	6.44E-23	Middle
318-03	1.279	-1.611	0.90	39	1959	7.89	9.27E-20	Upper
318-04	1.634	-1.238	0.99	129	1957	4.83	1.12E-120	Lower
318-04	1.555	-1.323	0.98	129	1957	6.59	1.71E-110	Middle
318-04	1.382	-1.511	0.91	138	1960	26.66	1.28E-72	Upper
319-01	1.379	-0.533	0.88	103	1980	29.66	1.56E-47	Lower
319-01	1.633	-1.228	0.98	104	1980	4.99	5.99E-93	Middle
319-01	1.373	-1.500	0.90	110	1980	23.28	1.33E-56	Upper
319-04	1.198	-0.843	0.63	18	1959	19.29	9.19E-05	Upper
319-05	1.017	-0.294	0.52	94	1977	92.77	3.20E-16	Middle
319-05	1.284	-1.092	0.68	99	1977	75.01	5.81E-26	Upper
320-01	0.847	0.276	0.96	86	1975	2.77	4.19E-62	Lower
320-01	1.086	-0.257	0.81	84	1975	27.57	3.44E-31	Middle
320-01	1.640	-1.465	0.88	92	1975	40.02	6.93E-43	Upper
320-02	1.593	-1.283	0.99	160	1957	4.06	2.68E-163	Lower
320-02	1.509	-1.375	0.99	158	1957	4.30	1.15E-154	Middle
320-02	1.343	-1.550	0.95	166	1957	18.88	2.18E-105	Upper
321-01	0.701	0.448	0.81	201	1990	15.47	3.54E-74	Lower
321-01	0.553	0.267	0.62	196	1990	24.51	5.57E-43	Middle
321-02	0.830	0.223	0.90	60	1982	3.60	3.72E-31	Lower
321-02	0.741	-0.042	0.84	59	1982	4.67	1.70E-24	Middle
321-03	0.934	0.144	0.93	26	1982	1.38	1.19E-15	Lower
321-03	1.685	-1.163	0.97	29	1982	2.39	8.02E-22	Middle
321-03	1.506	-1.355	0.93	32	1982	4.72	1.10E-18	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
321-04	0.622	0.476	0.77	109	1975	12.17	3.08E-36	Lower
321-04	0.633	0.216	0.78	107	1995	11.71	1.46E-36	Middle
321-04	1.153	-0.651	0.60	116	1995	98.83	9.75E-25	Upper
322-01	1.751	-1.071	0.98	34	1990	2.29	1.08E-27	Lower
322-01	1.561	-1.273	0.98	36	1990	1.98	6.62E-29	Middle
322-01	1.302	-1.545	0.95	40	1990	3.21	3.27E-26	Upper
323-01	1.745	-0.953	0.91	85	1990	22.57	7.31E-46	Lower
323-01	1.668	-1.123	0.92	84	1990	19.13	3.90E-46	Middle
323-01	1.522	-1.263	0.87	90	1990	28.85	2.01E-40	Upper
324-02	1.284	-0.421	0.59	80	1989	75.37	6.92E-17	Lower
324-02	1.874	-1.237	0.88	78	1989	30.50	7.15E-37	Middle
324-02	1.660	-1.484	0.81	90	1989	44.88	5.81E-34	Upper
325-01	1.239	-0.346	0.81	176	1979	72.33	1.49E-65	Lower
325-01	1.602	-1.194	0.96	176	1979	20.67	5.89E-126	Middle
325-01	1.325	-1.481	0.90	183	1981	39.39	2.88E-94	Upper
326-02	1.006	0.119	0.95	66	1985	3.76	3.24E-42	Lower
326-02	1.842	-0.822	0.93	67	1985	17.11	4.47E-39	Middle
326-02	1.782	-1.013	0.94	70	1985	14.87	2.66E-42	Upper
328-02	0.630	0.634	0.77	105	1985	10.62	1.54E-34	Lower
328-02	0.889	0.133	0.72	106	1985	27.04	7.93E-31	Middle
328-02	1.701	-1.015	0.88	110	1985	37.89	8.66E-51	Upper
328-30	1.536	-1.179	0.97	71	1960	5.55	2.14E-53	Lower
328-30	1.495	-1.390	1.00	69	1960	0.77	2.02E-79	Middle
328-30	1.363	-1.537	0.96	77	1960	5.23	2.37E-56	Upper
329-02	1.662	-0.597	0.84	41	1987	18.50	2.97E-17	Lower
329-02	1.792	-1.026	0.96	38	1987	4.75	2.11E-26	Middle
329-02	1.593	-1.234	0.94	46	1987	6.91	7.61E-28	Upper
329-03	0.788	0.330	0.84	133	1990	11.84	2.99E-53	Lower
329-03	1.802	-0.693	0.85	134	1990	57.44	7.90E-56	Middle
329-03	1.680	-1.099	0.87	139	1990	42.11	4.48E-63	Upper
331-01	1.400	-0.642	0.64	75	1968	90.24	5.91E-18	Lower
331-01	1.754	-1.259	0.83	76	1968	52.27	4.91E-30	Middle
331-01	1.601	-1.403	0.80	85	1968	57.21	6.64E-31	Upper
332-01	1.029	-0.280	0.59	108	1954	107.88	5.32E-22	Lower
332-01	1.487	-1.197	0.80	109	1954	80.99	3.13E-39	Middle
332-01	1.486	-1.541	0.79	117	1954	87.17	3.86E-41	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
332-02	1.567	-1.221	0.98	130	1959	6.83	7.79E-110	Lower
332-02	1.527	-1.356	0.99	126	1959	2.16	1.68E-134	Middle
332-02	1.415	-1.479	0.98	136	1959	6.14	2.29E-113	Upper
333-01	1.579	-1.186	0.97	90	1983	6.90	4.19E-67	Lower
333-01	1.472	-1.412	0.99	93	1983	1.29	2.74E-99	Middle
333-01	1.289	-1.625	0.97	96	1983	4.79	7.92E-72	Upper
333-02	0.952	0.149	0.96	65	1979	2.09	2.52E-47	Lower
333-02	1.373	-0.843	0.89	69	1979	14.96	2.52E-34	Middle
333-02	1.436	-1.433	0.95	71	1979	7.08	4.57E-47	Upper
333-03	0.692	0.622	0.87	129	1979	9.73	9.90E-58	Lower
333-03	0.818	0.218	0.87	132	1987	13.33	7.78E-60	Middle
333-03	1.070	-0.511	0.65	137	1979	88.08	3.18E-32	Upper
334-01	0.953	0.059	0.57	119	1986	59.89	5.45E-23	Lower
334-01	1.754	-0.842	0.86	117	1986	42.72	3.81E-51	Middle
334-01	1.440	-1.566	0.66	125	1986	99.56	2.60E-30	Upper
335-02	1.500	-0.994	0.94	144	1965	22.40	5.66E-87	Lower
335-02	1.551	-1.325	0.98	145	1965	8.33	5.21E-120	Middle
335-02	1.375	-1.519	0.93	150	1965	21.40	6.96E-88	Upper
337-03	1.302	-0.506	0.87	60	1982	11.94	8.48E-28	Lower
337-03	1.611	-1.260	0.99	59	1982	0.75	2.10E-64	Middle
337-03	1.463	-1.439	0.97	66	1982	3.84	2.36E-49	Upper
337-04	1.429	-1.463	0.99	9	1955	0.29	5.54E-08	Lower
337-04	1.372	-1.521	0.99	7	1955	0.13	1.09E-06	Middle
337-04	1.189	-1.716	0.92	15	1955	2.37	2.48E-08	Upper
338-01	0.777	0.093	0.94	113	1977	5.23	2.20E-68	Lower
338-01	1.261	-0.838	0.83	115	1977	43.50	1.08E-44	Middle
338-01	1.432	-1.344	0.88	121	1977	37.47	1.15E-56	Upper
339-03	1.393	-0.925	0.93	123	1960	18.82	5.41E-71	Lower
339-03	1.512	-1.368	1.00	126	1960	1.21	2.87E-150	Middle
339-03	1.351	-1.543	0.97	129	1960	8.62	1.66E-94	Upper
340-01	1.196	-0.128	0.71	64	1984	34.11	3.28E-18	Lower
340-01	1.815	-0.949	0.93	63	1984	13.35	1.01E-37	Middle
340-01	1.643	-1.128	0.89	69	1984	19.92	2.57E-34	Upper
340-02	1.098	-0.139	0.85	134	1978	29.72	2.40E-56	Lower
340-02	1.639	-1.172	0.99	129	1970	5.03	8.35E-121	Middle
340-02	1.439	-1.399	0.96	148	1978	14.41	1.36E-100	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
341-01	1.345	-0.661	0.90	156	1965	29.09	2.48E-80	Lower
341-01	1.595	-1.282	1.00	159	1965	1.75	4.61E-185	Middle
341-01	1.451	-1.437	0.97	165	1968	9.56	1.33E-128	Upper
341-02	1.354	-0.805	0.86	128	1968	39.58	2.38E-56	Lower
341-02	1.572	-1.422	0.96	131	1962	14.50	1.99E-91	Middle
341-02	1.426	-1.551	0.93	140	1962	21.38	2.01E-82	Upper
344-02	1.205	-0.174	0.81	30	1986	10.17	1.49E-11	Lower
344-02	1.885	-0.938	0.99	28	1986	1.18	2.27E-26	Middle
344-02	1.746	-1.073	0.98	36	1986	2.55	3.73E-29	Upper
344-03	1.652	-0.950	0.95	73	1989	9.97	4.31E-47	Lower
344-03	1.627	-1.218	0.98	71	1989	2.89	1.59E-63	Middle
344-03	1.398	-1.465	0.95	84	1989	7.25	1.88E-55	Upper
345-03	1.166	-0.537	0.89	127	1956	25.80	6.93E-61	Lower
345-03	1.519	-1.352	1.00	124	1956	1.71	4.96E-143	Middle
345-03	1.397	-1.482	0.97	135	1956	10.72	3.00E-99	Upper
345-04	0.812	0.146	0.90	111	1981	9.30	5.22E-57	Lower
345-04	0.817	-0.037	0.92	105	1981	6.95	1.70E-59	Middle
345-04	1.337	-1.178	0.75	122	1964	83.09	5.55E-38	Upper
345-05	0.973	0.045	0.99	23	1964	0.16	5.85E-24	Lower
345-05	1.169	-0.537	0.88	27	1964	5.20	4.64E-13	Middle
345-05	1.506	-1.372	0.97	29	1964	1.92	2.27E-22	Upper
346-01	1.694	-1.322	0.81	17	1964	12.89	8.10E-07	Lower
346-01	1.646	-1.484	0.83	16	1964	9.97	9.96E-07	Middle
346-01	1.548	-1.703	0.79	23	1964	15.64	1.45E-08	Upper
346-02	1.551	-0.963	0.65	243	1981	295.24	1.65E-57	Lower
346-02	1.662	-1.534	0.81	243	1981	147.81	1.26E-89	Middle
346-02	1.443	-1.737	0.80	251	1981	124.38	8.82E-89	Upper
347-01	1.096	-0.050	0.72	90	1983	38.33	4.33E-26	Lower
347-01	1.759	-0.975	0.93	88	1983	19.18	5.48E-51	Middle
347-01	1.626	-1.139	0.92	95	1983	20.38	3.24E-52	Upper
348-01	1.598	-1.278	0.99	17	1962	0.46	2.55E-16	Lower
348-01	1.512	-1.367	0.98	12	1962	0.61	1.34E-09	Middle
348-01	1.397	-1.485	0.92	23	1962	3.69	2.77E-13	Upper
348-02	0.793	0.220	0.82	51	1981	6.51	7.63E-20	Lower
348-02	1.539	-0.577	0.80	48	1981	26.24	1.23E-17	Middle
348-02	1.714	-1.002	0.90	56	1981	16.47	8.13E-29	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
349-01	1.695	-1.564	0.88	52	1965	25.98	1.38E-24	Lower
349-01	1.629	-1.607	0.89	50	1965	21.63	2.15E-24	Middle
349-01	1.545	-1.717	0.88	57	1965	23.07	5.06E-27	Upper
349-02	1.473	-0.914	0.50	38	1995	55.77	5.86E-07	Lower
349-02	1.488	-1.865	0.59	41	1995	43.84	5.16E-09	Middle
349-02	1.289	-2.017	0.60	43	1995	32.68	1.21E-09	Upper
349-03	1.325	-0.773	0.79	73	1965	39.33	8.75E-26	Lower
349-03	1.617	-1.409	0.93	72	1965	15.81	3.81E-42	Middle
349-03	1.493	-1.544	0.90	81	1965	22.70	4.04E-41	Upper
350-01	1.653	-1.099	0.98	89	1973	5.04	6.54E-75	Lower
350-01	1.600	-1.269	0.98	89	1973	3.49	1.64E-80	Middle
350-01	1.456	-1.423	0.93	95	1973	14.03	2.61E-56	Upper
350-02	1.512	-0.720	0.91	116	1981	23.62	1.63E-62	Lower
350-02	1.653	-1.200	0.98	114	1981	5.17	3.89E-100	Middle
350-02	1.488	-1.372	0.93	122	1981	18.53	8.67E-72	Upper
350-03	1.324	-0.097	0.76	70	1981	37.52	1.20E-22	Lower
350-03	1.875	-0.893	0.96	70	1981	10.52	2.53E-48	Middle
350-03	1.702	-1.109	0.93	77	1985	16.68	2.37E-44	Upper
351-01	1.662	-1.055	0.96	134	1983	14.44	1.83E-93	Lower
351-01	1.591	-1.271	0.95	134	1983	15.76	2.42E-89	Middle
351-01	1.448	-1.426	0.89	140	1983	34.47	9.49E-67	Upper
352-01	0.782	0.513	0.77	311	1992	35.10	1.34E-99	Lower
352-01	1.324	-0.254	0.72	313	1994	129.17	1.12E-88	Middle
352-01	1.703	-1.281	0.78	319	1992	157.57	1.21E-106	Upper
354-01	1.014	0.021	0.69	39	1973	19.67	5.16E-11	Lower
354-01	1.714	-1.231	0.88	41	1973	17.52	6.59E-20	Middle
354-01	1.538	-1.447	0.84	48	1973	21.78	3.58E-20	Upper
354-02	1.284	-0.452	0.69	174	1975	150.16	1.87E-45	Lower
354-02	1.827	-1.358	0.92	175	1975	55.49	2.06E-98	Middle
354-02	1.666	-1.498	0.90	182	1975	62.17	4.98E-93	Upper
354-30	1.447	-0.703	0.90	55	1975	11.98	1.00E-28	Lower
354-30	1.623	-1.241	0.99	54	1975	1.69	4.14E-51	Middle
354-30	1.453	-1.424	0.92	61	1975	11.47	1.80E-33	Upper
355-02	1.633	-1.099	0.97	161	1965	11.13	1.26E-128	Lower
355-02	1.601	-1.280	0.98	159	1965	6.53	2.44E-144	Middle
355-02	1.449	-1.447	0.93	167	1965	24.34	1.54E-99	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
355-03	1.584	-1.101	0.93	143	1965	29.76	1.05E-83	Lower
355-03	1.585	-1.355	0.96	144	1965	14.94	1.47E-104	Middle
355-03	1.433	-1.511	0.91	152	1965	33.01	4.53E-81	Upper
357-01	0.397	0.593	0.55	150	1977	18.89	8.44E-28	Lower
357-01	1.046	-0.381	0.53	153	1977	146.57	1.83E-26	Middle
357-01	1.216	-1.138	0.63	156	1977	135.99	8.21E-35	Upper
357-02	0.575	0.603	0.77	18	1987	1.41	1.80E-06	Lower
357-02	1.002	0.234	0.62	18	1987	7.47	1.10E-04	Middle
357-02	1.738	-0.750	0.82	23	1987	11.94	3.41E-09	Upper
358-02	0.816	0.223	0.90	131	1985	8.12	2.25E-65	Lower
358-02	0.717	-0.035	0.80	129	1985	12.76	7.41E-47	Middle
358-02	0.581	-0.306	0.51	137	1985	35.78	1.29E-22	Upper
359-01	0.914	-0.010	0.95	71	1967	3.07	4.36E-46	Lower
359-01	0.843	-0.085	0.93	72	1967	3.85	3.16E-41	Middle
359-01	0.806	-0.271	0.82	77	1967	10.63	2.33E-29	Upper
359-02	0.634	0.601	0.80	84	1966	9.03	2.19E-30	Lower
359-02	0.849	0.180	0.87	83	1966	9.94	3.10E-37	Middle
359-02	1.159	-0.551	0.76	95	1965	40.90	8.46E-31	Upper
359-05	0.860	-0.067	0.97	190	1959	4.03	1.17E-148	Lower
359-05	0.882	-0.297	0.89	186	1959	18.79	1.32E-88	Middle
359-05	1.416	-1.454	0.95	196	1959	19.38	2.36E-131	Upper
361-01	0.906	0.017	0.98	54	1968	0.82	4.52E-46	Lower
361-01	0.822	-0.106	0.97	57	1968	0.96	1.20E-45	Middle
361-01	1.331	-1.148	0.90	60	1968	10.48	3.44E-31	Upper
361-02	0.781	0.407	0.88	9	1973	0.56	1.93E-04	Lower
361-02	0.844	0.133	0.86	8	1973	0.52	8.36E-04	Middle
361-02	1.252	-0.610	0.74	13	1973	5.07	1.59E-04	Upper
362-01	0.943	0.018	0.99	137	1945	1.05	1.58E-144	Lower
362-01	1.323	-0.875	0.92	133	1945	21.75	3.30E-75	Middle
362-01	1.455	-1.427	0.97	143	1945	11.50	2.84E-106	Upper
364-02	0.895	0.419	0.96	101	1983	2.54	7.47E-71	Lower
364-02	0.811	0.210	0.91	101	1983	4.75	3.38E-54	Middle
364-02	0.683	0.041	0.67	107	1983	18.00	2.48E-27	Upper
365-01	0.772	0.569	0.87	104	1977	6.10	1.38E-47	Lower
365-01	0.784	0.229	0.90	105	1977	4.73	1.06E-53	Middle
365-01	1.331	-0.630	0.75	108	1977	42.84	7.78E-34	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
365-02	1.442	-1.041	0.94	29	1964	3.93	7.27E-18	Lower
365-02	1.485	-1.399	0.99	24	1964	0.48	1.32E-24	Middle
365-02	1.329	-1.571	0.95	35	1964	3.21	4.87E-23	Upper
365-03	1.557	-1.135	0.97	182	1964	14.61	1.20E-136	Lower
365-03	1.509	-1.376	0.99	184	1964	3.02	4.14E-196	Middle
365-03	1.312	-1.594	0.95	188	1964	18.61	9.18E-120	Upper
367-01	1.462	-0.506	0.84	87	1986	36.05	4.10E-35	Lower
367-01	1.688	-1.313	0.87	91	1982	38.41	8.29E-41	Middle
367-01	1.500	-1.714	0.77	95	1986	62.66	2.59E-31	Upper
368-02	1.636	-1.323	0.94	176	1958	39.92	5.08E-107	Lower
368-02	1.592	-1.469	0.95	177	1958	29.70	7.74E-117	Middle
368-02	1.439	-1.620	0.94	184	1958	31.70	4.59E-112	Upper
368-03	1.559	-0.707	0.53	71	1971	119.01	5.12E-13	Lower
368-03	1.936	-1.138	0.81	74	1971	50.05	9.37E-28	Middle
368-03	1.726	-1.336	0.79	80	1971	50.29	5.73E-28	Upper
369-01	0.931	0.007	0.99	6	1973	0.05	3.65E-05	Lower
369-01	1.287	-0.612	0.89	11	1973	2.15	1.46E-05	Middle
369-01	1.532	-1.345	0.99	12	1973	0.34	1.15E-10	Upper
369-02	1.224	-0.404	0.88	65	1973	11.43	4.72E-31	Lower
369-02	1.626	-1.241	0.99	66	1973	0.83	3.57E-75	Middle
369-02	1.493	-1.376	0.97	71	1973	5.03	4.10E-52	Upper
370-01	1.565	-1.010	0.95	114	1982	13.62	7.73E-77	Lower
370-01	1.580	-1.260	0.99	122	1965	4.34	6.16E-113	Middle
370-01	1.376	-1.468	0.93	125	1965	17.67	1.61E-72	Upper
370-02	1.563	-1.317	0.99	103	1965	3.80	3.34E-98	Lower
370-02	1.454	-1.439	0.97	106	1965	7.16	2.86E-83	Middle
370-02	1.267	-1.637	0.92	109	1965	17.95	8.52E-61	Upper
371-01	1.513	-1.429	0.67	93	1952	110.74	6.38E-24	Lower
371-01	1.418	-1.739	0.71	89	1952	79.12	7.81E-25	Middle
371-01	1.285	-1.864	0.73	103	1982	69.94	2.21E-30	Upper
371-04	1.496	-1.009	0.95	86	1956	11.78	7.69E-56	Lower
371-04	1.543	-1.333	0.99	87	1956	2.16	3.72E-88	Middle
371-04	1.350	-1.536	0.93	92	1956	14.42	2.33E-53	Upper
372-01	0.723	0.441	0.83	90	1980	8.43	4.12E-35	Lower
372-01	1.338	-0.323	0.77	89	1980	41.19	3.07E-29	Middle
372-01	1.672	-0.984	0.89	98	1980	27.63	4.70E-48	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
372-03	1.715	-1.082	0.98	99	1992	7.68	2.29E-81	Lower
372-03	1.571	-1.291	0.99	99	1988	2.99	3.75E-97	Middle
372-03	1.352	-1.520	0.96	107	1988	9.89	6.29E-73	Upper
372-05	1.395	-0.319	0.83	37	1992	13.17	3.14E-15	Lower
372-05	1.696	-1.122	0.97	37	1992	2.86	1.05E-28	Middle
372-05	1.449	-1.395	0.95	43	1992	3.85	5.53E-29	Upper
373-01	0.785	0.409	0.93	23	1990	0.70	2.15E-13	Lower
373-01	0.748	0.174	0.88	27	1990	1.36	7.67E-13	Middle
373-01	0.628	-0.111	0.64	29	1990	3.94	1.72E-07	Upper
374-01	1.439	-0.831	0.91	40	1979	7.50	8.04E-22	Lower
374-01	1.571	-1.284	0.98	37	1954	1.62	4.09E-33	Middle
374-01	1.472	-1.440	0.94	56	1979	6.56	3.12E-34	Upper
374-02	1.425	-1.050	0.91	222	1984	45.68	8.76E-117	Lower
374-02	1.423	-1.324	0.95	218	1984	24.47	5.46E-141	Middle
374-02	1.287	-1.498	0.92	233	1951	32.74	7.32E-130	Upper
374-03	0.766	0.290	0.90	358	1976	25.44	1.19E-176	Lower
374-03	1.330	-0.775	0.86	361	1976	104.02	1.78E-157	Middle
374-03	1.405	-1.312	0.90	370	1976	80.63	2.49E-188	Upper
375-02	1.294	-0.491	0.83	22	1987	5.51	4.47E-09	Lower
375-02	1.682	-1.154	0.99	23	1987	0.74	5.37E-21	Middle
375-02	1.473	-1.375	0.93	28	1987	3.18	1.26E-16	Upper
375-03	1.552	-0.760	0.59	150	1993	159.72	1.48E-30	Lower
375-03	1.642	-1.611	0.55	149	1993	212.61	3.15E-27	Middle
375-03	1.442	-1.780	0.55	156	1993	169.50	1.79E-28	Upper
376-01	1.460	-1.427	0.99	127	1959	3.53	5.78E-125	Lower
376-01	1.373	-1.520	0.99	129	1959	1.83	2.00E-142	Middle
376-01	1.192	-1.724	0.94	137	1965	13.62	4.29E-86	Upper
378-03	0.888	0.250	0.85	91	1993	6.71	1.52E-38	Lower
380-01	1.278	-0.446	0.85	49	1985	11.25	1.10E-20	Lower
380-01	1.687	-1.180	0.99	49	1985	1.19	1.01E-46	Middle
380-01	1.555	-1.340	0.95	55	1985	5.52	8.67E-36	Upper
380-03	1.505	-0.652	0.82	66	1993	23.17	3.55E-25	Lower
380-03	1.570	-1.732	0.58	67	1993	79.51	8.10E-14	Middle
380-03	1.382	-1.879	0.58	73	1993	68.15	4.68E-15	Upper
380-04	0.471	0.605	0.77	85	1980	5.42	5.84E-28	Lower
380-04	1.066	-0.379	0.69	80	1980	38.94	1.38E-21	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
380-04	1.353	-1.074	0.77	95	1978	46.21	9.49E-32	Upper
381-01	0.797	0.391	0.83	22	1976	1.28	3.78E-09	Lower
381-01	1.194	-1.892	0.51	26	1976	19.02	4.58E-05	Upper
382-02	1.561	-0.739	0.88	58	1991	15.33	9.47E-28	Lower
382-02	1.647	-1.190	0.98	58	1991	3.21	2.19E-47	Middle
382-02	1.401	-1.431	0.94	64	1991	6.52	2.44E-39	Upper
382-03	1.908	-0.877	0.52	80	1994	130.46	3.61E-14	Middle
382-04	0.642	0.544	0.65	111	1995	22.72	2.75E-26	Lower
382-04	0.644	0.218	0.60	114	1995	29.76	3.21E-24	Middle
382-04	1.478	-0.934	0.70	124	1995	110.15	5.21E-34	Upper
382-05	0.911	0.466	0.92	65	1988	3.65	9.78E-36	Lower
382-05	0.894	0.208	0.87	61	1988	5.55	1.06E-27	Middle
382-05	0.792	-0.004	0.61	73	1988	21.27	4.31E-16	Upper
383-01	0.789	0.411	0.78	168	1990	25.61	3.54E-57	Lower
383-01	1.675	-0.614	0.84	164	1986	81.32	2.02E-65	Middle
383-01	1.730	-1.045	0.89	176	1986	58.37	1.04E-84	Upper
383-02	0.626	0.518	0.82	19	1990	1.33	1.20E-07	Lower
383-02	0.743	0.272	0.70	20	1990	3.50	4.33E-06	Middle
383-02	1.731	-0.914	0.80	24	1990	13.35	3.21E-09	Upper
385-01	1.182	-0.109	0.68	22	1964	11.67	2.29E-06	Lower
385-01	1.883	-0.919	0.96	23	1964	2.59	1.65E-16	Middle
385-01	1.627	-1.205	0.96	26	1964	2.08	7.64E-19	Upper
385-02	1.318	-0.320	0.64	32	1962	22.79	3.82E-08	Lower
385-02	1.805	-1.021	0.96	31	1962	3.02	1.88E-21	Middle
385-02	1.531	-1.319	0.96	36	1962	2.72	2.79E-25	Upper
386-01	0.971	0.174	0.96	127	1990	3.83	3.47E-87	Lower
386-01	1.732	-0.896	0.95	134	1990	13.39	4.83E-90	Middle
386-01	1.612	-1.202	0.94	138	1990	14.99	8.71E-87	Upper
386-02	1.173	-0.395	0.86	79	1979	14.95	3.26E-35	Lower
386-02	1.603	-1.253	0.99	77	1979	1.82	9.05E-76	Middle
386-02	1.430	-1.444	0.97	85	1979	4.80	1.16E-64	Upper
386-03	0.982	0.084	0.99	81	1981	0.78	4.31E-77	Lower
386-03	0.972	-0.101	0.94	81	1981	3.93	6.51E-49	Middle
386-03	1.633	-1.221	0.98	87	1981	2.98	3.50E-78	Upper
386-04	0.908	-0.004	0.98	18	1981	0.25	8.65E-15	Lower
386-04	1.051	-0.351	0.86	23	1981	3.37	2.49E-10	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
386-04	1.537	-1.328	0.93	24	1981	3.42	5.01E-14	Upper
387-01	1.465	-1.167	0.93	65	1983	10.84	3.94E-38	Lower
387-01	1.457	-1.400	0.97	63	1983	3.76	5.13E-50	Middle
387-01	1.281	-1.577	0.92	70	1983	9.72	1.03E-39	Upper
389-01	0.951	0.161	0.97	138	1984	3.09	7.02E-104	Lower
389-01	0.914	0.002	0.97	140	1984	2.32	1.37E-110	Middle
389-01	0.822	-0.166	0.81	148	1984	17.64	2.77E-54	Upper
389-02	0.905	0.025	0.97	41	1976	0.80	3.38E-32	Lower
389-02	1.523	-1.018	0.95	37	1976	3.67	1.89E-24	Middle
389-02	1.533	-1.336	0.98	47	1976	1.85	3.17E-40	Upper
390-02	0.935	0.054	0.98	42	1977	0.73	5.00E-35	Lower
390-02	1.303	-0.722	0.88	40	1977	7.87	3.59E-19	Middle
390-02	1.500	-1.361	0.95	48	1977	5.67	1.21E-30	Upper
391-04	0.966	0.050	0.98	53	1980	0.65	2.64E-47	Lower
391-04	1.327	-0.669	0.89	49	1980	9.34	6.83E-24	Middle
391-04	1.560	-1.291	0.98	62	1980	2.42	1.33E-52	Upper
393-05	0.816	0.227	0.94	40	1969	1.62	2.00E-25	Lower
393-05	1.216	-0.376	0.74	41	1969	22.00	5.17E-13	Middle
393-05	1.623	-1.111	0.89	46	1969	16.00	1.33E-22	Upper
393-06	0.781	0.229	0.89	49	1964	3.91	4.75E-24	Lower
393-06	1.352	-0.601	0.77	51	1964	29.28	2.13E-17	Middle
393-06	1.464	-1.373	0.79	54	1964	31.83	1.84E-19	Upper
393-07	0.741	0.276	0.84	151	1986	12.76	4.25E-61	Lower
393-07	1.505	-0.809	0.87	149	1986	40.00	3.16E-67	Middle
393-07	1.529	-1.174	0.90	160	1986	34.64	2.58E-79	Upper
394-01	1.194	-0.378	0.88	35	1980	5.56	1.23E-16	Lower
394-01	1.694	-1.164	1.00	31	1980	0.26	1.09E-36	Middle
394-01	1.576	-1.279	0.96	41	1980	3.40	7.13E-29	Upper
394-02	0.919	0.031	0.95	38	1964	1.12	3.57E-25	Lower
394-02	1.437	-0.665	0.70	37	1964	22.55	8.68E-11	Middle
394-02	1.630	-1.202	0.95	42	1964	4.05	8.48E-28	Upper
396-01	2.230	-0.944	0.75	80	1992	73.00	6.90E-25	Middle
396-01	2.001	-1.168	0.76	85	1992	58.99	2.63E-27	Upper
396-02	0.920	0.062	0.98	150	1992	2.42	8.56E-129	Lower
396-02	1.407	-0.895	0.92	146	1967	23.57	1.70E-81	Middle
396-02	1.484	-1.295	0.94	160	1967	23.04	4.64E-96	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
396-03	0.941	0.101	0.94	136	1988	5.11	4.88E-85	Lower
396-03	0.817	-0.102	0.94	134	1988	4.15	1.29E-81	Middle
396-03	1.330	-1.060	0.82	142	1988	38.74	1.03E-53	Upper
396-30	0.883	0.235	0.91	32	1992	1.53	3.09E-17	Lower
396-30	1.674	-0.800	0.91	37	1992	6.69	1.29E-19	Middle
396-30	1.635	-1.134	0.91	38	1992	6.12	1.97E-20	Upper
397-01	1.520	-1.363	0.99	97	1965	1.52	3.57E-107	Lower
397-01	1.418	-1.473	1.00	96	1965	0.59	1.46E-121	Middle
397-01	1.302	-1.601	0.97	102	1965	5.59	2.39E-79	Upper
397-02	1.607	-1.269	0.99	65	1965	1.98	7.66E-64	Lower
397-02	1.505	-1.377	0.99	67	1965	2.03	1.65E-64	Middle
397-02	1.360	-1.536	0.96	70	1965	5.70	9.71E-50	Upper
397-03	0.608	0.420	0.82	86	1982	5.75	6.38E-33	Lower
397-03	0.683	0.039	0.85	89	1982	6.23	3.01E-37	Middle
397-03	1.142	-0.843	0.71	95	1982	40.79	1.25E-26	Upper
397-04	1.688	-1.504	0.78	88	1960	73.37	4.38E-30	Lower
397-04	1.591	-1.647	0.77	87	1960	63.65	3.15E-29	Middle
397-04	1.356	-1.839	0.79	94	1960	47.74	5.73E-33	Upper
397-05	1.518	-0.045	0.86	80	1960	21.66	7.25E-35	Lower
397-05	2.057	-0.755	0.99	82	1992	1.84	3.47E-87	Middle
397-05	1.837	-0.943	0.94	91	1992	14.28	3.35E-55	Upper
398-01	0.913	0.220	0.93	119	1982	6.76	5.04E-71	Lower
398-01	1.289	-0.632	0.64	117	1982	106.91	3.14E-27	Middle
398-01	1.719	-1.533	0.84	124	1982	68.24	4.56E-50	Upper
399-01	0.929	0.078	0.94	46	1991	1.82	1.20E-28	Lower
399-01	0.810	-0.068	0.93	47	1991	1.75	4.71E-27	Middle
399-01	0.889	-0.447	0.66	52	1991	15.08	2.57E-13	Upper
399-02	0.922	0.124	0.96	34	1991	1.18	1.03E-23	Lower
399-02	0.870	-0.011	0.91	36	1991	2.06	1.61E-19	Middle
399-02	0.844	-0.280	0.69	45	1975	12.28	2.10E-12	Upper
400-30	1.917	-0.931	0.99	12	1989	0.16	1.67E-12	Lower
400-30	1.818	-1.020	0.99	17	1989	0.46	9.86E-16	Middle
400-30	1.658	-1.216	0.92	18	1989	2.73	3.61E-10	Upper
402-03	1.227	-2.088	0.52	45	1995	44.12	2.22E-08	Middle
402-03	1.111	-2.170	0.52	45	1995	36.93	2.77E-08	Upper
407-01	1.102	0.282	0.86	126	1994	14.03	3.22E-54	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
407-01	2.078	-0.837	0.85	126	1994	51.54	6.48E-53	Middle
407-01	2.052	-1.326	0.76	132	1994	97.85	9.19E-42	Upper
412-02	0.957	0.281	0.90	23	1993	1.39	4.45E-12	Lower
412-02	1.173	-0.215	0.57	22	1993	14.05	4.62E-05	Middle
412-02	1.773	-1.554	0.62	30	1993	34.41	2.90E-07	Upper
830-01	0.878	-0.047	0.97	89	1965	1.77	1.01E-70	Lower
830-01	1.242	-0.850	0.89	87	1965	16.26	1.62E-42	Middle
830-01	1.409	-1.460	0.94	95	1965	11.45	7.41E-59	Upper
830-03	1.078	-0.336	0.55	40	1966	48.24	4.16E-08	Lower
830-03	1.755	-1.437	0.88	38	1966	20.83	7.35E-18	Middle
830-03	1.648	-1.570	0.89	46	1966	18.98	8.75E-23	Upper
830-05	0.771	0.157	0.83	47	1972	6.65	8.43E-19	Lower
830-05	0.779	-0.092	0.91	44	1972	2.81	6.58E-24	Middle
830-05	1.174	-0.957	0.76	62	1985	27.35	2.04E-20	Upper
830-09	1.583	-1.471	0.77	70	1954	67.48	2.14E-23	Lower
830-09	1.496	-1.600	0.77	72	1954	62.48	5.75E-24	Middle
830-09	1.357	-1.695	0.76	76	1954	55.47	8.44E-25	Upper
830-10	1.674	-1.650	0.86	36	1954	25.19	7.20E-16	Lower
830-10	1.597	-1.649	0.84	37	1954	25.79	1.19E-15	Middle
830-10	1.524	-1.786	0.85	42	1954	24.17	3.65E-18	Upper
830-11	0.936	0.011	0.99	64	1958	0.47	2.14E-68	Lower
830-11	1.617	-1.252	1.00	61	1958	0.31	2.18E-83	Middle
830-11	1.546	-1.327	0.99	69	1958	1.26	4.35E-75	Upper
830-14	1.014	0.091	0.99	25	1970	0.19	2.90E-26	Lower
830-14	0.948	0.020	0.99	29	1970	0.21	3.51E-30	Middle
830-14	1.331	-0.890	0.88	30	1970	7.35	1.67E-14	Upper
830-15	1.658	-1.549	0.88	17	1951	8.90	3.17E-08	Lower
830-15	1.607	-1.542	0.87	18	1951	8.57	1.29E-08	Middle
830-15	1.566	-1.689	0.88	22	1951	9.22	7.60E-11	Upper
830-16	0.918	0.235	0.92	62	1982	4.40	8.77E-35	Lower
830-16	0.922	0.015	0.92	62	1982	4.24	2.01E-35	Middle
830-16	1.660	-1.072	0.90	67	1982	20.77	1.20E-33	Upper
830-17	0.716	0.455	0.88	16	1976	1.06	6.36E-08	Lower
830-17	0.849	0.156	0.92	18	1976	1.00	2.42E-10	Middle
830-17	1.296	-0.576	0.67	20	1976	16.49	1.18E-05	Upper
831-03	1.482	-1.132	0.96	88	1951	8.61	3.80E-62	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
831-03	1.501	-1.378	0.99	86	1951	1.47	1.02E-91	Middle
831-03	1.385	-1.503	0.97	94	1951	7.02	6.38E-69	Upper
831-04	1.441	-0.897	0.93	128	1959	20.60	1.24E-74	Lower
831-04	1.562	-1.311	0.99	126	1959	3.58	3.06E-122	Middle
831-04	1.455	-1.425	0.97	134	1959	7.90	4.07E-106	Upper
831-05	0.672	0.777	0.84	183	1988	11.32	9.06E-74	Lower
831-05	1.103	0.171	0.68	183	1988	76.50	2.76E-46	Middle
831-05	1.823	-0.867	0.85	188	1988	78.29	1.34E-78	Upper
831-06	1.595	-1.278	0.98	137	1953	7.77	1.32E-115	Lower
831-06	1.527	-1.350	0.97	142	1953	9.92	3.00E-111	Middle
831-06	1.419	-1.464	0.94	143	1953	19.21	2.33E-88	Upper
831-07	0.977	0.037	0.96	54	1978	2.61	6.26E-39	Lower
831-07	1.341	-0.669	0.82	57	1978	30.20	5.13E-22	Middle
831-07	1.614	-1.274	0.98	60	1978	4.58	7.22E-50	Upper
831-08	1.570	-1.132	0.96	46	1982	4.96	2.95E-32	Lower
831-08	1.517	-1.362	0.99	48	1982	0.90	2.42E-50	Middle
831-08	1.363	-1.540	0.97	51	1982	2.65	3.26E-40	Upper
831-11	0.946	0.023	0.99	6	1971	0.05	3.87E-05	Lower
831-11	0.920	-0.011	0.99	5	1971	0.03	2.11E-04	Middle
831-11	0.865	-0.066	0.98	12	1971	0.19	1.73E-09	Upper
831-12	0.950	0.027	0.98	38	1975	0.55	2.05E-33	Lower
831-12	1.524	-1.015	0.94	40	1975	4.49	4.35E-25	Middle
831-12	1.484	-1.385	0.96	44	1975	4.04	3.61E-30	Upper
831-13	0.720	0.588	0.86	96	1991	6.05	8.57E-42	Lower
831-13	1.078	0.050	0.66	97	1991	41.79	3.04E-24	Middle
831-13	1.802	-0.915	0.89	101	1991	30.26	6.29E-49	Upper
831-14	2.225	-0.872	0.73	63	1994	62.79	6.76E-19	Lower
831-14	2.195	-1.185	0.74	62	1994	56.23	2.34E-19	Middle
831-14	1.983	-1.328	0.71	69	1994	59.04	8.70E-20	Upper
831-15	1.449	-0.936	0.93	48	1962	6.93	6.96E-29	Lower
831-15	1.565	-1.313	0.99	47	1962	0.96	1.90E-48	Middle
831-15	1.448	-1.440	0.98	54	1962	2.67	4.90E-44	Upper
831-16	1.609	0.098	0.55	12	1965	15.20	5.86E-03	Lower
831-16	1.976	-0.867	1.00	13	1997	0.03	2.13E-18	Middle
831-16	1.925	-0.859	0.87	16	1997	5.80	1.56E-07	Upper
831-19	1.028	0.105	0.99	18	1978	0.12	4.15E-19	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
831-19	0.972	0.037	0.99	19	1978	0.21	9.32E-18	Middle
831-19	1.482	-1.007	0.90	23	1978	5.56	6.97E-12	Upper
832-01	1.518	-0.513	0.83	70	1990	25.41	7.66E-28	Lower
832-01	1.768	-1.077	0.98	70	1990	2.78	5.53E-63	Middle
832-01	1.495	-1.369	0.96	75	1990	5.16	2.38E-53	Upper
832-02	0.522	0.661	0.77	135	1976	11.20	4.25E-44	Lower
832-02	0.686	0.229	0.63	135	1976	37.99	1.95E-30	Middle
832-02	1.397	-1.003	0.78	147	1967	82.37	5.91E-49	Upper
832-04	1.555	-0.832	0.84	66	1970	31.77	5.89E-27	Lower
832-04	1.619	-1.203	0.97	65	1970	4.70	3.44E-51	Middle
832-04	1.387	-1.459	0.96	71	1970	5.51	5.98E-51	Upper
832-05	0.731	0.361	0.87	60	1973	4.85	1.13E-27	Lower
832-05	1.406	-0.510	0.79	60	1973	33.75	3.98E-21	Middle
832-05	1.666	-1.009	0.92	65	1973	16.08	2.71E-36	Upper
832-06	0.864	0.292	0.88	34	1983	3.01	1.59E-16	Lower
832-06	1.656	-0.668	0.85	32	1983	14.63	7.35E-14	Middle
832-06	1.712	-1.034	0.90	39	1983	11.70	8.98E-20	Upper
832-08	1.079	-0.357	0.86	72	1977	13.23	1.46E-31	Lower
832-08	1.569	-1.281	0.98	71	1977	3.35	3.24E-60	Middle
832-08	1.428	-1.422	0.94	77	1977	9.05	1.33E-48	Upper
832-10	1.622	-1.078	0.94	154	1983	28.51	6.01E-93	Lower
832-10	1.559	-1.289	0.93	151	1983	27.39	2.59E-89	Middle
832-10	1.408	-1.445	0.86	159	1983	51.03	4.64E-70	Upper
832-11	0.533	0.752	0.69	21	1988	2.02	3.10E-06	Lower
832-11	1.853	-0.602	0.79	26	1988	18.00	1.63E-09	Upper
832-12	1.284	-0.084	0.79	137	1993	52.83	2.14E-47	Lower
832-12	1.851	-1.058	0.86	131	1980	64.31	1.02E-56	Middle
832-12	1.714	-1.377	0.76	145	1980	116.19	4.47E-46	Upper
832-13	0.711	0.390	0.87	27	1963	1.46	8.91E-13	Lower
832-13	0.712	0.199	0.86	29	1963	1.84	7.36E-13	Middle
832-13	0.837	-0.187	0.73	30	1963	5.67	1.48E-09	Upper
832-14	0.821	0.231	0.88	7	1981	0.67	1.79E-03	Lower
832-14	1.749	-0.777	0.77	12	1981	10.57	1.71E-04	Middle
832-14	1.827	-1.197	0.80	14	1957	11.53	1.42E-05	Upper
832-15	0.985	0.062	0.99	25	1980	0.33	1.50E-22	Lower
832-15	0.917	-0.012	1.00	24	1980	0.04	1.41E-30	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-15	1.689	-1.171	1.00	30	1980	0.21	2.51E-37	Upper
832-17	1.479	-0.394	0.80	20	1968	12.37	8.94E-08	Lower
832-17	1.799	-0.953	0.95	19	1968	3.46	7.82E-13	Middle
832-17	1.634	-1.165	0.96	24	1968	3.29	1.88E-16	Upper
832-18	1.584	-0.789	0.91	153	1986	27.27	1.04E-82	Lower
832-18	1.655	-1.187	0.97	153	1986	9.10	2.34E-120	Middle
832-18	1.447	-1.396	0.91	159	1986	25.62	2.41E-83	Upper
832-19	1.718	-1.009	0.96	112	1986	10.12	1.93E-78	Lower
832-19	1.649	-1.171	0.96	109	1986	8.91	2.89E-76	Middle
832-19	1.467	-1.369	0.89	118	1986	22.61	1.56E-57	Upper
832-20	1.660	-1.032	0.96	129	1983	14.03	1.51E-87	Lower
832-20	1.614	-1.236	0.97	129	1983	9.68	6.71E-96	Middle
832-20	1.455	-1.400	0.90	135	1983	25.29	1.11E-69	Upper
832-21	1.772	-1.537	0.53	32	1994	38.32	2.71E-06	Middle
832-21	1.675	-1.615	0.55	37	1994	36.57	1.28E-07	Upper
832-22	1.321	-0.571	0.86	25	1979	7.08	1.78E-11	Lower
832-22	1.694	-1.165	0.99	25	1979	0.66	1.13E-25	Middle
832-22	1.522	-1.312	0.89	34	1978	9.25	8.68E-17	Upper
832-23	0.834	0.578	0.89	22	1972	1.11	3.22E-11	Lower
832-24	1.689	-1.181	0.99	16	1964	0.24	1.65E-17	Lower
832-24	1.614	-1.263	0.99	14	1964	0.25	6.57E-14	Middle
832-24	1.519	-1.361	0.95	22	1964	3.00	3.83E-14	Upper
832-25	0.874	-0.048	0.95	28	1978	1.01	3.48E-18	Lower
832-25	1.586	-1.273	0.98	24	1978	1.24	5.91E-20	Middle
832-25	1.406	-1.456	0.89	34	1978	6.99	5.81E-17	Upper
832-26	1.190	-0.388	0.89	15	1959	2.95	1.20E-07	Lower
832-26	1.613	-1.264	1.00	19	1959	0.29	4.63E-21	Middle
832-26	1.520	-1.363	0.99	20	1959	0.68	1.53E-18	Upper
832-27	1.175	-0.481	0.63	16	1964	15.86	2.63E-04	Lower
832-27	1.611	-1.570	0.80	18	1964	13.64	5.22E-07	Middle
832-27	1.528	-1.765	0.80	22	1964	14.66	2.43E-08	Upper
832-30	0.881	0.477	0.94	10	1988	0.33	2.64E-06	Lower
832-30	0.910	0.402	0.96	9	1988	0.26	5.03E-06	Middle
832-30	1.017	0.140	0.96	15	1988	0.45	1.36E-10	Upper
832-31	1.473	-1.408	0.99	28	1957	0.60	8.49E-29	Lower
832-31	1.402	-1.487	0.99	23	1957	0.48	3.19E-23	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-31	1.292	-1.603	0.96	33	1957	2.68	1.57E-23	Upper
832-33	0.756	0.359	0.88	19	1986	1.20	3.93E-09	Lower
832-33	0.854	0.047	0.93	21	1986	0.96	2.16E-12	Middle
832-33	1.667	-1.087	0.95	27	1986	3.14	2.52E-17	Upper
832-34	1.713	-1.129	0.99	5	1986	0.10	3.10E-04	Lower
832-34	1.662	-1.185	0.99	9	1986	0.32	1.14E-07	Middle
832-34	1.508	-1.328	0.93	10	1986	1.51	8.84E-06	Upper
832-35	0.881	0.023	0.95	27	1986	0.88	6.46E-18	Lower
832-35	0.735	-0.161	0.89	28	1986	1.57	9.15E-14	Middle
832-35	1.256	-1.283	0.80	32	1986	10.35	5.76E-12	Upper
832-38	1.472	-1.406	0.99	8	1958	0.30	6.39E-07	Lower
832-38	1.449	-1.447	0.98	5	1958	0.26	1.27E-03	Middle
832-38	1.207	-1.697	0.95	14	1958	1.34	4.06E-09	Upper
832-39	1.131	-0.445	0.88	10	1958	2.71	6.26E-05	Lower
832-39	1.504	-1.377	0.98	10	1958	0.43	1.74E-08	Middle
832-39	1.430	-1.454	0.96	14	1958	1.69	6.87E-10	Upper
833-06	0.962	0.385	0.91	36	1980	2.95	3.73E-19	Lower
833-06	0.997	0.022	0.95	38	1980	1.83	2.17E-24	Middle
833-06	1.679	-1.251	0.77	42	1980	29.10	1.69E-14	Upper
833-08	1.410	-0.710	0.87	99	1987	28.13	1.76E-44	Lower
833-08	1.612	-1.245	0.98	102	1987	3.94	2.24E-92	Middle
833-08	1.450	-1.442	0.97	105	1987	6.66	3.43E-79	Upper
833-09	1.280	-0.086	0.72	81	1986	41.23	1.55E-23	Lower
833-09	1.711	-1.172	0.82	82	1986	41.56	1.29E-31	Middle
833-09	1.380	-1.737	0.67	87	1986	64.78	4.01E-22	Upper
833-10	0.797	0.232	0.97	20	1994	0.22	1.84E-15	Lower
833-10	1.137	-0.225	0.78	16	1994	3.67	5.88E-06	Middle
833-10	1.880	-1.220	0.81	26	1994	13.18	5.05E-10	Upper
833-11	0.608	1.015	0.82	53	1994	2.25	7.52E-21	Lower
833-11	0.598	0.752	0.76	51	1994	3.05	5.81E-17	Middle
834-01	1.495	-0.568	0.81	69	1986	30.71	4.69E-26	Lower
834-01	1.739	-1.087	0.97	68	1986	5.69	1.19E-51	Middle
834-01	1.547	-1.280	0.94	74	1986	8.86	5.23E-47	Upper
834-03	2.024	-0.799	0.97	36	1987	3.63	1.18E-27	Lower
834-03	1.856	-0.972	0.93	38	1987	7.90	1.13E-22	Middle
834-03	1.753	-1.078	0.93	41	1987	8.46	1.12E-23	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
834-06	0.968	0.048	0.98	39	1972	0.59	3.52E-35	Lower
834-06	0.870	-0.057	0.99	38	1972	0.36	1.87E-36	Middle
834-06	1.523	-1.348	0.97	44	1972	2.70	3.16E-35	Upper
834-08	0.555	0.399	0.82	176	1960	16.32	1.20E-67	Lower
834-08	0.979	-0.416	0.65	173	1960	124.71	3.16E-41	Middle
834-08	1.302	-1.208	0.81	181	1960	102.70	4.46E-66	Upper
834-11	1.399	-0.816	0.91	17	1969	3.28	4.05E-09	Lower
834-11	1.556	-1.327	0.99	19	1969	0.68	2.27E-17	Middle
834-11	1.423	-1.464	0.94	23	1969	2.73	1.97E-14	Upper
834-12	0.968	0.065	0.98	113	1992	2.03	7.51E-92	Lower
834-12	1.499	-0.738	0.87	114	1992	29.44	2.11E-51	Middle
834-12	1.520	-1.254	0.93	118	1992	15.82	5.69E-69	Upper
834-13	0.945	0.023	0.98	25	1973	0.66	2.15E-20	Lower
834-13	1.578	-1.236	0.80	28	1973	21.70	1.87E-10	Middle
834-13	1.639	-1.615	0.89	30	1973	12.58	7.82E-15	Upper
834-14	1.464	-1.220	0.96	49	1955	5.00	4.97E-35	Lower
834-14	1.471	-1.413	0.99	46	1955	0.83	5.69E-49	Middle
834-14	1.368	-1.523	0.97	54	1955	3.27	7.89E-43	Upper
834-15	0.927	-0.002	0.98	56	1982	0.70	2.87E-50	Lower
834-15	1.677	-1.188	0.99	55	1982	1.06	2.05E-57	Middle
834-15	1.503	-1.377	0.96	61	1982	5.39	2.06E-42	Upper
834-17	1.030	0.222	0.98	85	1987	1.21	3.21E-76	Lower
834-17	1.092	-0.109	0.89	87	1987	10.98	3.95E-42	Middle
834-17	1.569	-1.283	0.94	90	1987	11.25	5.19E-56	Upper
834-18	1.624	-0.900	0.88	23	1970	10.97	5.46E-11	Lower
834-18	1.550	-1.179	0.91	23	1970	6.90	1.29E-12	Middle
834-18	1.430	-1.306	0.90	27	1970	8.12	8.61E-14	Upper
834-19	1.434	-0.657	0.89	25	1980	5.45	1.06E-12	Lower
834-19	1.684	-1.191	0.99	24	1980	0.39	9.52E-26	Middle
834-19	1.586	-1.295	0.99	30	1980	0.95	1.53E-27	Upper
835-01	0.947	0.073	0.97	125	1965	2.89	2.88E-99	Lower
835-01	0.878	-0.041	0.96	127	1965	3.66	1.06E-91	Middle
835-01	0.770	-0.151	0.88	131	1965	10.47	1.51E-60	Upper
835-02	0.387	0.973	0.68	96	1966	7.80	4.08E-25	Lower
835-02	0.657	0.456	0.67	97	1966	23.58	6.66E-25	Middle
835-02	0.810	0.014	0.67	102	1966	38.69	1.55E-25	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-03	0.865	-0.061	0.97	60	1947	1.30	9.53E-48	Lower
835-03	1.274	-0.953	0.91	54	1947	9.25	4.40E-29	Middle
835-03	1.371	-1.513	0.95	66	1947	7.72	2.63E-42	Upper
835-04	0.924	-0.001	0.99	39	1960	0.46	1.37E-36	Lower
835-04	1.468	-1.127	0.95	41	1960	4.27	7.88E-28	Middle
835-04	1.412	-1.462	0.93	45	1960	7.48	5.57E-26	Upper
835-05	1.441	-0.594	0.90	78	1979	15.03	4.90E-40	Lower
835-05	1.691	-1.183	0.99	80	1979	2.40	4.00E-76	Middle
835-05	1.562	-1.335	0.95	84	1979	9.23	5.70E-55	Upper
835-06	1.367	-0.768	0.68	122	1953	128.10	2.29E-31	Lower
835-06	1.604	-1.334	0.88	116	1953	48.85	3.30E-54	Middle
835-06	1.448	-1.549	0.86	132	1953	50.10	2.64E-58	Upper
835-08	0.826	0.327	0.92	72	1984	4.18	7.93E-41	Lower
835-08	0.841	0.094	0.92	68	1984	4.61	2.03E-37	Middle
835-08	1.366	-1.041	0.81	81	1984	35.84	4.70E-30	Upper
835-09	0.918	-0.008	0.99	137	1955	1.33	2.66E-134	Lower
835-09	0.838	-0.091	0.98	137	1955	2.13	2.03E-115	Middle
835-09	1.181	-0.964	0.86	143	1955	34.10	7.21E-62	Upper
835-10	0.872	-0.054	0.89	117	1955	11.81	1.20E-57	Lower
835-10	0.791	-0.142	0.83	120	1955	15.89	1.62E-47	Middle
835-10	0.669	-0.267	0.60	133	1956	40.50	4.15E-28	Upper
835-11	0.672	0.657	0.81	25	1993	1.75	1.06E-09	Lower
835-11	0.772	0.240	0.92	29	1993	1.03	5.28E-16	Middle
835-11	1.011	-0.346	0.68	31	1993	9.56	1.30E-08	Upper
835-12	1.553	-1.230	0.75	74	1965	72.38	4.37E-23	Lower
835-12	1.603	-1.616	0.81	72	1965	51.96	6.44E-27	Middle
835-12	1.476	-1.777	0.80	79	1965	49.36	5.74E-29	Upper
835-13	1.071	0.593	0.98	17	1993	0.25	7.79E-14	Lower
835-13	1.205	0.346	0.97	16	1993	0.35	1.73E-12	Middle
835-13	2.192	-1.131	0.73	23	1993	23.36	2.42E-07	Upper
835-14	0.877	0.308	0.93	45	1977	2.13	5.85E-27	Lower
835-14	0.912	-0.002	0.95	42	1977	1.60	4.65E-28	Middle
835-14	1.330	-1.096	0.84	51	1977	14.54	2.60E-21	Upper
835-15	0.517	0.759	0.70	224	1951	28.70	5.47E-60	Lower
835-15	0.972	0.017	0.59	226	1951	165.34	3.84E-45	Middle
835-15	1.486	-0.855	0.79	230	1951	154.02	2.91E-78	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-16	0.892	-0.035	0.95	48	1975	1.69	1.02E-31	Lower
835-16	0.822	-0.106	0.91	50	1975	2.88	3.15E-27	Middle
835-16	0.706	-0.224	0.78	54	1975	6.53	1.17E-18	Upper
835-19	0.791	0.867	0.91	8	1997	0.33	2.78E-04	Lower
835-19	0.719	0.684	0.74	7	1997	0.83	1.28E-02	Middle
835-19	0.676	0.289	0.66	12	1997	1.77	1.29E-03	Upper
837-01	1.235	-0.660	0.88	78	1956	18.35	3.62E-36	Lower
837-01	1.500	-1.372	0.97	81	1956	5.33	1.09E-64	Middle
837-01	1.322	-1.556	0.90	84	1956	17.50	6.16E-43	Upper
837-06	1.109	-0.490	0.81	52	1983	17.46	1.04E-19	Lower
837-06	1.486	-1.270	0.96	48	1983	5.59	4.82E-33	Middle
837-06	1.345	-1.402	0.91	62	1945	12.45	8.10E-33	Upper
837-08	1.269	-0.589	0.88	171	1975	34.95	7.38E-79	Lower
837-08	1.541	-1.320	0.99	170	1975	5.39	2.11E-157	Middle
837-08	1.345	-1.524	0.94	177	1975	19.19	1.65E-107	Upper
837-12	0.798	0.373	0.86	127	1980	14.18	3.00E-55	Lower
837-12	1.560	-0.819	0.86	126	1980	55.12	6.88E-54	Middle
837-12	1.506	-1.214	0.88	136	1980	43.96	6.81E-64	Upper
837-18	1.309	-0.545	0.84	14	1958	6.33	3.46E-06	Lower
837-18	1.618	-1.217	1.00	12	1958	0.21	4.70E-13	Middle
837-18	1.575	-1.275	1.00	18	1958	0.30	5.63E-20	Upper
838-05	1.141	0.020	0.88	46	1986	7.85	7.18E-22	Lower
838-05	1.938	-0.905	1.00	45	1986	0.30	1.51E-60	Middle
838-05	1.823	-1.036	0.99	50	1986	1.16	5.71E-53	Upper
839-02	1.205	-0.463	0.69	137	1959	101.03	2.02E-36	Lower
839-02	1.552	-1.515	0.84	136	1959	70.36	1.11E-55	Middle
839-02	1.426	-1.745	0.85	147	1968	61.02	2.31E-61	Upper
839-03	0.653	0.182	0.73	76	1977	11.67	8.16E-23	Lower
839-03	1.402	-0.834	0.74	72	1977	50.41	6.99E-22	Middle
839-03	1.379	-1.289	0.71	82	1977	61.71	2.82E-23	Upper
839-04	1.718	-1.149	0.99	30	1972	0.69	2.33E-30	Lower
839-04	1.639	-1.231	0.99	28	1972	0.48	1.09E-29	Middle
839-04	1.453	-1.431	0.95	36	1972	3.76	2.76E-23	Upper
839-05	1.406	-0.853	0.92	94	1972	15.15	1.69E-51	Lower
839-05	1.537	-1.330	0.98	93	1972	3.92	7.66E-80	Middle
839-05	1.362	-1.513	0.92	100	1972	15.02	6.79E-55	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-06	1.217	-0.456	0.79	51	1962	27.33	2.59E-18	Lower
839-06	1.542	-1.218	0.92	55	1962	14.28	2.69E-31	Middle
839-06	1.543	-1.687	0.89	57	1962	21.87	2.48E-28	Upper
839-08	0.799	0.258	0.56	113	1974	55.42	1.90E-21	Lower
839-08	1.687	-1.042	0.82	112	1974	67.23	6.86E-43	Middle
839-08	1.582	-1.567	0.81	119	1974	65.18	1.19E-44	Upper
839-09	1.581	-1.294	0.99	40	1962	0.55	8.92E-45	Lower
839-09	1.499	-1.381	0.99	43	1962	0.65	7.49E-47	Middle
839-09	1.382	-1.506	0.96	46	1962	3.36	2.54E-33	Upper
839-10	0.686	0.418	0.76	87	1986	9.76	9.74E-28	Lower
839-10	1.260	-0.181	0.68	85	1986	46.90	4.46E-22	Middle
839-10	1.795	-1.021	0.81	93	1986	50.33	6.17E-35	Upper
839-11	1.680	-0.618	0.75	152	1985	115.54	9.04E-47	Lower
839-11	1.933	-1.263	0.82	152	1985	100.08	1.15E-57	Middle
839-11	1.815	-1.385	0.80	158	1985	103.77	2.88E-56	Upper
839-12	1.124	-0.192	0.69	92	1962	59.18	1.72E-24	Lower
839-12	1.788	-1.478	0.88	92	1962	46.74	1.97E-42	Middle
839-12	1.595	-1.630	0.87	101	1981	44.11	4.15E-45	Upper
839-13	1.885	-0.456	0.87	84	1990	32.19	1.35E-37	Lower
839-13	1.796	-1.312	0.63	87	1990	115.51	6.96E-20	Middle
839-13	1.704	-1.393	0.63	90	1990	106.19	8.40E-21	Upper
839-14	1.578	-0.889	0.60	52	1993	52.21	1.43E-11	Lower
839-14	1.770	-1.562	0.63	56	1993	63.79	4.05E-13	Middle
839-14	1.617	-1.675	0.61	58	1993	58.32	4.48E-13	Upper
839-18	0.701	0.184	0.79	35	1952	3.08	9.12E-13	Lower
839-18	0.691	-0.113	0.66	36	1960	5.83	1.43E-09	Middle
839-21	0.784	-0.134	0.89	12	1970	0.85	4.69E-06	Lower
839-21	1.537	-1.328	0.98	9	1970	0.39	1.57E-07	Middle
839-21	1.439	-1.429	0.97	18	1970	1.05	1.30E-13	Upper
839-23	1.479	-1.000	0.93	24	1978	3.76	2.59E-14	Lower
839-23	1.560	-1.323	0.99	24	1978	0.30	1.54E-26	Middle
839-23	1.372	-1.537	0.95	29	1978	2.73	3.15E-19	Upper
839-24	1.859	-1.296	0.75	36	1988	30.43	6.95E-12	Middle
839-24	1.641	-1.537	0.70	41	1988	34.32	7.12E-12	Upper
840-01	1.016	0.133	0.99	117	1983	1.55	2.36E-107	Lower
840-01	1.055	-0.178	0.89	119	1983	14.28	1.86E-57	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-01	1.595	-1.259	0.95	122	1983	13.94	3.12E-80	Upper
840-02	1.538	-1.343	0.99	39	1958	1.23	5.49E-37	Lower
840-02	1.444	-1.449	0.98	39	1958	1.64	9.94E-34	Middle
840-02	1.323	-1.581	0.95	45	1958	4.62	3.10E-29	Upper
840-03	1.626	-1.249	0.99	67	1960	2.21	1.57E-64	Lower
840-03	1.547	-1.338	0.99	71	1960	2.55	7.45E-66	Middle
840-03	1.428	-1.464	0.96	73	1960	5.85	6.14E-53	Upper
840-05	0.905	0.000	0.98	77	1977	1.44	2.01E-65	Lower
840-05	1.243	-0.709	0.88	81	1954	16.78	2.15E-38	Middle
840-05	1.447	-1.408	0.95	88	1954	9.67	1.15E-58	Upper
840-07	0.500	0.748	0.72	124	1994	11.61	8.20E-36	Lower
840-07	0.817	0.058	0.78	129	1994	23.36	8.56E-44	Middle
840-07	1.362	-1.204	0.83	135	1965	49.38	1.01E-52	Upper
840-08	1.298	-0.548	0.86	97	1981	31.50	3.23E-42	Lower
840-08	1.623	-1.412	0.90	101	1981	32.88	2.02E-51	Middle
840-08	1.424	-1.670	0.87	116	1974	38.87	4.82E-52	Upper
840-09	0.894	-0.027	0.92	35	1965	4.09	1.77E-19	Lower
840-09	0.835	-0.333	0.72	39	1965	17.20	9.53E-12	Middle
840-09	1.390	-1.479	0.90	41	1965	14.79	1.04E-20	Upper
840-10	0.936	0.019	0.97	166	1973	3.80	6.18E-131	Lower
840-10	0.835	-0.082	0.94	169	1973	7.38	3.67E-103	Middle
840-10	0.673	-0.236	0.68	172	1973	34.27	3.01E-44	Upper
840-11	0.828	-0.098	0.93	81	1966	3.85	2.92E-48	Lower
840-11	0.763	-0.166	0.91	78	1966	4.19	1.06E-41	Middle
840-11	0.950	-0.755	0.73	87	1966	28.20	6.62E-26	Upper
840-13	1.525	-0.953	0.95	88	1967	11.30	4.84E-56	Lower
840-13	1.597	-1.277	0.99	87	1967	1.40	1.15E-95	Middle
840-13	1.480	-1.396	0.97	94	1967	5.33	2.20E-74	Upper
840-14	1.540	-1.075	0.96	173	1960	17.67	3.20E-122	Lower
840-14	1.540	-1.336	0.99	165	1981	4.32	2.71E-164	Middle
840-14	1.393	-1.495	0.96	187	1960	16.74	6.54E-128	Upper
840-15	0.959	0.034	0.99	17	1955	0.16	1.31E-16	Lower
840-15	0.879	-0.050	0.98	20	1955	0.37	8.76E-17	Middle
840-15	1.123	-0.783	0.80	23	1955	7.90	1.00E-08	Upper
840-18	0.857	-0.062	0.90	21	1965	1.85	6.91E-11	Lower
840-18	0.944	-0.369	0.80	23	1965	5.82	7.04E-09	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-18	1.399	-1.472	0.86	27	1965	8.67	2.64E-12	Upper
840-19	1.652	-1.211	1.00	5	1981	0.01	6.16E-06	Lower
840-19	1.604	-1.269	1.00	8	1981	0.04	2.09E-09	Middle
840-19	1.398	-1.497	0.91	11	1981	1.81	6.01E-06	Upper
840-20	0.781	0.234	0.88	45	1966	4.21	1.30E-21	Lower
840-20	1.372	-0.881	0.78	46	1966	25.21	4.68E-16	Middle
840-20	1.184	-1.292	0.73	55	1966	30.19	9.56E-17	Upper
840-22	0.910	0.056	0.91	77	1983	5.41	1.53E-41	Lower
840-22	1.526	-0.989	0.90	77	1983	16.15	5.85E-40	Middle
840-22	1.466	-1.317	0.90	93	1983	19.33	1.56E-46	Upper
840-24	1.015	-0.219	0.70	29	1970	14.19	1.41E-08	Lower
840-24	1.638	-1.573	0.80	29	1970	22.48	7.88E-11	Middle
840-24	1.589	-1.678	0.80	35	1970	23.91	5.51E-13	Upper
840-26	1.605	-1.438	0.77	85	1961	77.13	2.35E-28	Middle
840-26	1.514	-1.670	0.78	91	1961	66.41	2.71E-31	Upper
840-27	1.451	-0.742	0.92	134	1965	24.10	3.89E-74	Lower
840-27	1.645	-1.229	0.99	132	1965	4.50	1.97E-124	Middle
840-27	1.518	-1.366	0.96	140	1965	12.24	2.22E-100	Upper
840-28	0.903	0.004	0.91	15	1977	1.35	3.29E-08	Lower
840-28	0.800	-0.093	0.83	16	1977	2.31	9.17E-07	Middle
840-28	0.742	-0.144	0.66	20	1977	6.10	1.20E-05	Upper
840-31	1.006	-0.343	0.81	37	1966	10.57	2.29E-14	Lower
840-31	1.511	-1.351	0.96	38	1966	4.58	1.80E-26	Middle
840-31	1.358	-1.507	0.91	43	1966	9.91	1.13E-22	Upper
840-33	0.973	0.050	0.51	85	1982	67.06	1.51E-14	Middle
840-33	1.584	-0.955	0.70	95	1973	89.77	9.18E-26	Upper
840-36	0.907	0.187	0.94	54	1984	2.66	1.25E-32	Lower
840-36	0.871	-0.007	0.87	54	1984	5.31	8.54E-25	Middle
840-36	0.766	-0.249	0.60	60	1984	20.20	4.16E-13	Upper
841-01	1.153	-0.117	0.76	83	1977	38.03	1.58E-26	Lower
841-01	1.738	-1.051	0.97	82	1977	9.63	4.06E-60	Middle
841-01	1.557	-1.279	0.97	88	1977	6.31	3.74E-69	Upper
841-02	1.414	-0.886	0.89	31	1981	7.31	1.01E-15	Lower
841-02	1.552	-1.312	0.98	30	1981	1.61	1.63E-25	Middle
841-02	1.376	-1.494	0.93	42	1977	5.09	4.58E-25	Upper
841-03	1.082	0.102	0.63	64	1991	28.41	4.93E-15	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
841-03	1.965	-0.826	0.90	62	1991	16.59	3.95E-32	Middle
841-03	1.675	-1.491	0.75	68	1991	39.73	8.04E-22	Upper
842-04	1.757	-0.890	0.91	49	1990	13.95	6.83E-26	Lower
842-04	1.586	-1.283	0.99	51	1990	0.75	1.68E-55	Middle
842-04	1.363	-1.526	1.00	54	1990	0.47	1.52E-61	Upper
842-05	1.109	-0.315	0.68	27	1957	17.42	1.09E-07	Lower
842-05	1.538	-1.088	0.83	24	1957	13.12	8.05E-10	Middle
842-05	1.302	-1.317	0.77	32	1957	18.74	4.50E-11	Upper
842-07	0.534	0.669	0.63	90	1960	15.49	6.42E-21	Lower
842-07	1.029	-0.172	0.62	86	1960	59.01	2.01E-19	Middle
842-07	1.416	-0.957	0.76	96	1960	64.09	1.35E-30	Upper
842-10	1.161	-0.270	0.54	79	1982	81.51	8.45E-15	Middle
842-10	1.423	-1.221	0.67	86	1982	77.82	7.29E-22	Upper
842-12	1.640	-0.561	0.83	93	1987	46.39	2.47E-36	Lower
842-12	1.863	-0.958	0.96	89	1987	10.31	2.82E-64	Middle
842-12	1.727	-1.097	0.94	98	1987	15.44	1.27E-61	Upper
842-13	1.418	-0.841	0.87	29	1967	13.80	2.89E-13	Lower
842-13	1.584	-1.231	0.97	28	1967	3.04	9.48E-22	Middle
842-13	1.456	-1.402	0.98	34	1967	1.99	3.30E-29	Upper
842-15	1.466	-1.420	0.99	75	1951	1.51	1.91E-77	Lower
842-15	1.387	-1.506	0.99	72	1951	1.03	3.00E-78	Middle
842-15	1.292	-1.610	0.97	81	1951	4.03	4.39E-64	Upper
842-16	1.087	-0.201	0.89	94	1979	11.45	1.96E-45	Lower
842-16	1.628	-1.240	0.99	98	1979	1.24	2.49E-109	Middle
842-16	1.452	-1.426	0.95	100	1979	8.12	1.07E-67	Upper
843-01	1.613	-1.372	0.77	184	1966	162.46	1.96E-60	Lower
843-01	1.595	-1.626	0.80	177	1966	126.84	6.05E-64	Middle
843-01	1.525	-1.704	0.81	195	1966	123.87	1.34E-70	Upper
843-03	1.381	-0.619	0.90	49	1975	9.58	4.84E-25	Lower
843-03	1.644	-1.228	1.00	51	1975	0.39	1.24E-63	Middle
843-03	1.479	-1.402	0.97	55	1975	3.40	5.92E-42	Upper
843-06	1.395	-0.856	0.92	95	1961	18.06	6.89E-52	Lower
843-06	1.554	-1.322	0.99	92	1961	1.64	1.97E-100	Middle
843-06	1.423	-1.468	0.96	104	1974	8.70	4.33E-74	Upper
843-07	1.788	-1.032	0.98	13	1991	0.71	6.26E-11	Lower
843-07	1.716	-1.125	0.99	12	1991	0.38	4.08E-11	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
843-07	1.487	-1.390	0.97	19	1991	1.22	6.07E-14	Upper
843-09	1.600	-1.254	0.96	12	1970	1.12	2.15E-08	Lower
843-09	1.566	-1.299	0.96	15	1970	1.49	1.23E-10	Middle
843-09	1.340	-1.523	0.83	18	1970	6.01	1.48E-07	Upper
844-02	1.559	-0.969	0.83	54	1978	34.81	1.58E-21	Lower
844-02	1.655	-1.274	0.94	55	1978	13.14	2.85E-33	Middle
844-02	1.531	-1.431	0.91	59	1978	17.56	3.20E-31	Upper
844-05	0.688	0.439	0.80	6	1952	0.47	1.60E-02	Lower
844-05	0.529	0.192	0.72	6	1952	0.34	3.32E-02	Middle
844-05	0.660	0.122	0.77	10	1952	0.87	8.63E-04	Upper
845-03	0.775	0.794	0.94	45	1978	0.92	1.18E-28	Lower
845-03	0.781	0.622	0.94	41	1978	0.99	2.41E-25	Middle
845-03	0.893	0.208	0.66	52	1978	12.58	2.90E-13	Upper
845-06	1.084	0.100	0.73	131	1994	34.22	1.05E-38	Lower
845-06	1.987	-1.319	0.75	129	1994	107.06	1.55E-39	Middle
845-06	1.766	-1.541	0.73	140	1994	99.34	8.80E-41	Upper
845-07	1.431	-1.025	0.57	135	1994	203.24	5.19E-26	Lower
845-07	1.693	-1.509	0.77	138	1977	116.46	3.76E-45	Middle
845-07	1.571	-1.667	0.76	148	1977	106.65	1.12E-47	Upper
845-08	1.647	-0.215	0.82	31	1991	13.81	2.26E-12	Lower
845-08	1.974	-0.996	0.85	29	1991	14.95	8.42E-13	Middle
845-08	1.719	-1.451	0.67	36	1991	38.98	1.19E-09	Upper
845-09	0.802	0.295	0.85	57	1979	6.51	3.87E-24	Lower
845-09	1.619	-0.686	0.85	55	1979	23.92	7.56E-24	Middle
845-09	1.566	-1.197	0.92	69	1979	14.33	2.89E-38	Upper
845-17	0.845	0.583	0.93	16	1981	0.65	1.29E-09	Lower
845-17	0.958	0.322	0.94	12	1981	0.60	1.76E-07	Middle
845-17	1.121	-0.050	0.82	21	1981	4.47	1.81E-08	Upper
845-18	0.725	0.565	0.91	17	1978	0.56	3.14E-09	Lower
845-18	0.820	0.316	0.95	17	1978	0.40	3.07E-11	Middle
845-18	1.207	-0.418	0.55	24	1978	16.33	3.38E-05	Upper
845-19	1.725	-1.476	0.77	24	1975	21.78	1.66E-08	Lower
845-19	1.629	-1.535	0.77	24	1975	19.57	1.53E-08	Middle
845-19	1.605	-1.630	0.78	30	1975	21.50	1.22E-10	Upper
845-20	0.741	0.000	0.87	23	1986	1.36	1.05E-10	Lower
845-20	0.712	-0.175	0.83	22	1986	1.68	4.00E-09	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
845-20	0.983	-0.682	0.71	29	1986	7.96	8.57E-09	Upper
845-21	0.830	0.288	0.93	38	1976	1.95	3.64E-22	Lower
845-21	1.333	-0.389	0.77	37	1976	19.08	9.38E-13	Middle
845-21	1.691	-1.065	0.94	42	1976	7.65	1.15E-25	Upper
845-24	0.974	0.051	1.00	28	1976	0.09	5.22E-35	Lower
845-24	1.674	-0.978	0.93	28	1976	7.31	3.48E-16	Middle
845-24	1.653	-1.215	0.99	32	1976	0.82	3.12E-33	Upper
845-25	1.615	-0.704	0.88	9	1976	3.67	1.71E-04	Lower
845-25	1.756	-1.066	0.99	7	1976	0.40	8.56E-06	Middle
845-25	1.692	-1.120	0.98	13	1976	0.88	1.12E-10	Upper
846-01	1.000	0.155	0.96	58	1987	1.80	1.02E-41	Lower
846-01	1.271	-0.450	0.81	60	1987	18.17	7.06E-23	Middle
846-01	1.601	-1.260	0.93	66	1990	10.31	4.26E-38	Upper
846-02	1.633	-0.763	0.89	124	1971	52.38	3.74E-60	Lower
846-02	1.692	-1.055	0.95	122	1971	23.81	1.35E-79	Middle
846-02	1.597	-1.164	0.95	128	1971	23.30	4.20E-82	Upper
846-03	1.617	-1.247	0.99	94	1966	2.75	2.19E-94	Lower
846-03	1.568	-1.300	0.99	92	1966	2.37	6.81E-94	Middle
846-03	1.480	-1.396	0.98	103	1954	5.41	2.41E-86	Upper
846-04	1.137	-0.377	0.86	86	1987	19.66	1.14E-37	Lower
846-04	1.559	-1.219	0.97	85	1987	5.87	1.89E-67	Middle
846-04	1.431	-1.357	0.95	95	1961	10.57	1.28E-62	Upper
846-05	1.644	-1.121	0.98	91	1963	8.41	1.53E-74	Lower
846-05	1.572	-1.287	0.99	91	1963	2.30	1.35E-97	Middle
846-05	1.491	-1.398	0.99	95	1963	2.15	8.32E-102	Upper
846-06	1.601	-1.273	1.00	38	1965	0.40	3.74E-48	Lower
846-06	1.534	-1.349	1.00	38	1965	0.52	2.19E-45	Middle
846-06	1.472	-1.413	0.99	42	1965	1.05	3.26E-44	Upper
846-07	1.600	-1.273	0.99	49	1967	1.94	3.44E-45	Lower
846-07	1.525	-1.352	0.98	53	1967	2.09	4.64E-48	Middle
846-07	1.390	-1.489	0.96	54	1967	4.57	2.21E-38	Upper
846-08	1.548	-1.076	0.96	77	1958	8.26	1.25E-54	Lower
846-08	1.580	-1.292	0.99	72	1958	1.12	7.29E-82	Middle
846-08	1.469	-1.404	0.96	85	1968	8.22	8.06E-60	Upper
846-10	2.042	-0.612	0.94	28	1992	6.57	4.35E-17	Lower
846-10	1.963	-0.820	0.94	30	1992	6.43	1.88E-18	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
846-10	1.876	-0.902	0.90	33	1992	10.97	6.35E-17	Upper
846-11	1.682	-1.363	0.70	115	1981	131.02	4.91E-31	Lower
846-11	1.606	-1.515	0.73	114	1981	101.64	6.90E-34	Middle
846-11	1.451	-1.693	0.70	121	1981	98.98	4.00E-33	Upper
846-12	1.833	-0.729	0.90	17	1981	6.94	8.46E-09	Lower
846-12	1.918	-0.851	0.95	18	1981	3.72	1.00E-11	Middle
846-12	1.784	-1.024	0.95	20	1981	3.23	1.59E-13	Upper
847-01	1.481	-0.616	0.84	59	1980	28.08	2.52E-24	Lower
847-01	1.688	-1.131	0.98	59	1980	4.27	4.61E-49	Middle
847-01	1.560	-1.283	0.97	64	1980	4.73	1.52E-50	Upper
847-02	0.963	0.497	0.88	48	1980	5.91	3.15E-23	Lower
847-02	1.181	0.002	0.86	48	1980	11.83	5.41E-21	Middle
847-02	1.844	-0.952	0.98	53	1980	3.79	1.11E-44	Upper
847-04	1.318	-0.737	0.53	60	1976	97.45	3.52E-11	Middle
847-04	1.806	-1.482	0.81	64	1976	51.76	7.81E-24	Upper
847-05	0.928	0.129	0.91	37	1982	2.98	3.85E-20	Lower
847-05	1.821	-1.392	0.88	33	1982	15.89	1.34E-15	Middle
847-05	1.655	-1.559	0.84	43	1982	21.10	5.52E-18	Upper
847-07	0.916	0.066	0.94	31	1986	1.18	6.41E-19	Lower
847-07	1.288	-0.577	0.84	34	1986	7.78	2.95E-14	Middle
847-07	1.626	-1.180	0.96	37	1986	2.98	1.76E-25	Upper
847-08	1.392	-0.988	0.55	30	1981	46.58	3.17E-06	Middle
847-08	1.809	-1.462	0.77	43	1981	37.64	1.08E-14	Upper
848-04	0.896	0.340	0.97	30	1990	0.47	1.29E-22	Lower
848-04	0.947	0.108	0.95	33	1990	0.96	5.56E-22	Middle
848-04	0.819	-0.057	0.72	36	1990	5.61	5.19E-11	Upper
848-05	0.614	0.398	0.77	6	1978	0.50	2.11E-02	Lower
848-05	0.750	0.265	0.80	7	1978	0.62	6.28E-03	Middle
848-06	0.824	0.207	0.92	6	1982	0.27	2.43E-03	Lower
848-06	0.937	0.002	0.94	4	1982	0.22	2.97E-02	Middle
848-06	1.245	-0.645	0.82	12	1982	3.15	5.46E-05	Upper
848-07	0.898	0.459	0.95	50	1991	1.20	7.69E-34	Lower
848-07	1.215	-0.133	0.86	48	1991	6.93	3.79E-21	Middle
848-07	1.796	-1.007	0.96	56	1991	5.21	3.82E-38	Upper
848-12	1.099	0.284	0.97	21	1990	0.73	1.90E-15	Lower
848-12	1.622	-0.368	0.84	22	1990	9.14	2.71E-09	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
848-12	1.870	-1.002	0.97	25	1990	2.18	5.22E-19	Upper
848-14	1.486	-0.609	0.85	23	1992	7.60	5.16E-10	Lower
848-14	1.695	-1.130	0.98	21	1992	0.92	3.17E-18	Middle
848-14	1.440	-1.356	0.92	29	1992	4.05	2.53E-16	Upper
848-17	1.063	0.153	0.99	18	1985	0.22	1.51E-17	Lower
848-17	1.437	-0.330	0.82	19	1985	9.03	8.30E-08	Middle
848-17	1.843	-1.001	0.98	23	1985	1.77	5.56E-19	Upper
848-19	1.074	0.168	1.00	3	1992	0.01	4.22E-02	Lower
848-19	1.777	-1.000	0.91	9	1992	1.79	5.77E-05	Upper
849-01	1.930	-0.865	0.98	32	1992	2.56	1.13E-25	Lower
849-01	1.773	-1.015	0.95	30	1992	3.77	3.94E-20	Middle
849-01	1.625	-1.220	0.93	37	1992	6.48	2.43E-21	Upper
849-02	0.993	0.254	0.98	76	1979	1.57	1.67E-61	Lower
849-02	0.996	0.069	0.98	71	1979	1.07	3.93E-62	Middle
849-02	1.271	-0.636	0.85	85	1976	20.16	1.13E-35	Upper
849-03	1.307	-1.433	0.56	64	1965	95.03	9.77E-13	Lower
849-03	1.410	-1.817	0.72	63	1965	53.35	1.48E-18	Middle
849-03	1.319	-1.906	0.73	69	1965	48.11	6.04E-21	Upper
849-05	1.562	-1.307	0.99	84	1970	2.19	5.28E-82	Lower
849-05	1.461	-1.413	0.97	84	1970	5.50	1.42E-63	Middle
849-05	1.341	-1.539	0.92	90	1970	13.42	4.77E-50	Upper
849-06	1.449	-0.984	0.93	52	1972	7.11	4.50E-31	Lower
849-06	1.523	-1.350	0.99	46	1972	1.05	4.70E-45	Middle
849-06	1.401	-1.495	0.94	58	1972	6.91	2.20E-35	Upper
849-07	1.504	-1.067	0.95	73	1968	8.98	4.03E-47	Lower
849-07	1.500	-1.380	0.99	75	1968	1.58	3.16E-74	Middle
849-07	1.344	-1.549	0.94	79	1968	8.55	2.22E-49	Upper
849-08	1.591	-1.055	0.94	32	1967	7.22	9.35E-20	Lower
849-08	1.620	-1.253	1.00	31	1967	0.06	4.53E-49	Middle
849-08	1.525	-1.356	0.98	36	1967	2.20	9.19E-31	Upper
849-10	0.930	0.311	0.92	122	1990	6.74	2.65E-66	Lower
849-10	0.954	0.081	0.85	129	1990	13.00	6.82E-55	Middle
849-10	1.612	-1.001	0.83	137	1991	50.01	5.42E-53	Upper
849-11	1.195	-0.132	0.85	132	1985	27.56	1.36E-55	Lower
849-11	1.715	-1.137	0.99	132	1985	2.28	3.56E-141	Middle
849-11	1.485	-1.388	0.95	137	1985	13.34	1.69E-89	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-13	1.228	-0.970	0.52	61	1965	101.88	4.99E-11	Lower
849-13	1.582	-1.612	0.80	61	1965	45.09	1.50E-22	Middle
849-13	1.446	-1.776	0.78	67	1965	47.63	8.48E-23	Upper
849-14	0.860	0.341	0.92	30	1962	2.15	3.03E-17	Lower
849-14	1.188	-0.355	0.75	29	1962	16.66	1.35E-09	Middle
849-14	1.666	-1.545	0.86	36	1962	18.84	5.79E-16	Upper
849-15	0.882	-0.030	0.95	40	1976	1.66	8.22E-26	Lower
849-15	1.300	-0.833	0.87	39	1976	9.67	6.66E-18	Middle
849-15	1.460	-1.390	0.89	49	1976	11.45	3.39E-24	Upper
849-16	0.975	-0.211	0.53	151	1981	130.20	7.21E-26	Lower
849-16	1.712	-1.367	0.79	151	1981	120.79	9.87E-52	Middle
849-16	1.720	-1.535	0.85	159	1981	86.15	1.69E-65	Upper
849-18	1.582	-1.133	0.97	128	1959	10.37	2.06E-97	Lower
849-18	1.537	-1.365	0.97	130	1976	8.36	3.57E-103	Middle
849-18	1.383	-1.531	0.93	139	1959	20.83	7.89E-80	Upper
849-20	1.000	0.141	0.97	66	1983	1.66	3.21E-49	Lower
849-20	0.936	0.023	0.95	69	1983	2.44	2.81E-45	Middle
849-20	0.856	-0.208	0.66	72	1983	20.11	4.40E-18	Upper
849-24	1.499	-1.376	0.98	17	1956	0.94	1.91E-14	Lower
849-24	1.408	-1.478	0.98	16	1956	1.02	7.30E-13	Middle
849-24	1.299	-1.595	0.90	23	1956	5.22	4.17E-12	Upper
849-26	0.562	0.554	0.67	23	1986	2.62	1.81E-06	Lower
849-26	0.525	0.422	0.62	27	1986	3.23	1.05E-06	Middle
849-27	0.910	-0.014	0.98	44	1983	0.56	8.53E-38	Lower
849-27	1.672	-1.170	0.99	41	1983	1.13	1.76E-38	Middle
849-27	1.502	-1.358	0.94	50	1983	6.14	3.81E-30	Upper
849-28	1.483	-0.957	0.94	53	1965	7.34	1.22E-32	Lower
849-28	1.580	-1.299	0.99	51	1965	0.84	3.55E-55	Middle
849-28	1.484	-1.405	0.98	59	1965	2.35	3.36E-51	Upper
849-29	1.150	-0.348	0.84	112	1974	30.49	3.82E-46	Lower
849-29	1.616	-1.215	0.97	115	1991	8.80	1.01E-91	Middle
849-29	1.476	-1.380	0.93	122	1991	22.37	4.50E-70	Upper
849-30	1.607	-1.265	0.98	28	1972	1.38	2.29E-24	Lower
849-30	1.565	-1.311	0.99	25	1972	0.71	1.72E-24	Middle
849-30	1.439	-1.447	0.95	34	1972	4.22	9.29E-22	Upper
849-31	1.625	-0.867	0.90	74	1993	14.69	1.69E-37	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-31	1.618	-1.495	0.73	74	1993	48.88	2.21E-22	Middle
849-31	1.444	-1.891	0.65	80	1993	58.64	1.56E-19	Upper
849-34	0.909	0.035	0.96	60	1986	1.58	5.60E-41	Lower
849-34	1.481	-0.820	0.90	59	1986	10.99	5.35E-30	Middle
849-34	1.573	-1.254	0.94	66	1986	7.77	8.32E-40	Upper
849-38	0.927	0.184	0.95	124	1985	4.52	6.54E-80	Lower
849-38	0.886	-0.013	0.92	121	1985	6.05	8.22E-68	Middle
849-38	0.800	-0.248	0.65	130	1985	33.98	4.71E-31	Upper
849-40	0.963	0.209	0.97	22	1984	0.48	9.56E-17	Lower
849-40	0.908	0.019	0.88	20	1984	1.48	8.33E-10	Middle
849-40	0.751	-0.134	0.69	28	1984	5.44	4.89E-08	Upper
849-41	0.945	0.042	0.95	16	1984	0.56	1.18E-10	Lower
849-41	0.852	-0.049	0.85	13	1984	1.19	8.80E-06	Middle
849-41	0.740	-0.147	0.63	22	1984	5.37	9.68E-06	Upper
849-45	0.902	0.319	0.95	5	1987	0.17	5.26E-03	Lower
849-45	1.766	-1.087	0.98	9	1987	0.52	5.56E-07	Middle
849-45	1.636	-1.229	0.98	10	1987	0.38	3.29E-08	Upper
849-46	0.928	0.285	0.97	14	1987	0.32	2.57E-10	Lower
849-46	0.976	0.093	0.98	14	1987	0.19	3.92E-11	Middle
849-46	1.034	-0.352	0.76	20	1987	5.28	6.45E-07	Upper
850-02	1.765	-1.134	0.67	96	1987	103.60	4.26E-24	Lower
850-02	1.699	-1.735	0.63	93	1987	110.01	2.87E-21	Middle
850-02	1.503	-1.879	0.62	101	1987	97.34	2.55E-22	Upper
850-03	1.017	0.092	0.99	50	1971	0.64	8.03E-48	Lower
850-03	1.022	-0.099	0.93	49	1971	3.85	4.28E-29	Middle
850-03	1.621	-1.245	0.99	55	1971	1.55	3.56E-54	Upper
850-04	0.729	0.091	0.83	55	1993	3.97	3.06E-22	Lower
850-04	0.820	-0.256	0.72	56	1993	9.85	1.24E-16	Middle
850-04	1.470	-1.197	0.81	60	1993	20.71	1.95E-22	Upper
850-05	1.068	-0.136	0.92	82	1965	7.83	7.88E-46	Lower
850-05	1.645	-1.225	1.00	80	1965	0.40	1.98E-107	Middle
850-05	1.553	-1.320	0.98	88	1965	3.51	3.56E-78	Upper
850-07	1.579	-1.121	0.97	54	1958	5.11	8.82E-41	Lower
850-07	1.576	-1.306	0.99	58	1958	1.80	3.28E-57	Middle
850-07	1.463	-1.429	0.97	59	1958	4.57	4.16E-45	Upper
850-08	0.785	1.088	0.95	43	1976	0.82	2.79E-28	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
850-08	0.763	0.989	0.94	42	1976	0.84	1.74E-26	Middle
850-08	0.785	0.812	0.89	48	1976	2.18	1.46E-23	Upper
850-19	1.556	-1.132	0.95	51	1981	7.01	1.38E-32	Lower
850-19	1.531	-1.321	0.97	48	1981	3.67	8.39E-36	Middle
850-19	1.376	-1.480	0.91	57	1981	10.01	1.02E-30	Upper
850-20	0.990	-0.127	0.92	58	1973	4.15	3.71E-33	Lower
850-20	1.622	-1.237	0.99	55	1973	0.75	1.06E-60	Middle
850-20	1.502	-1.361	0.97	64	1973	4.61	4.52E-47	Upper
850-28	1.698	-0.961	0.95	72	1991	9.80	4.92E-48	Lower
850-28	1.612	-1.244	0.99	72	1991	1.37	2.44E-75	Middle
850-28	1.343	-1.528	0.96	78	1991	5.66	4.09E-54	Upper
850-29	1.651	-1.607	0.80	68	1965	57.93	9.65E-25	Middle
850-29	1.590	-1.679	0.80	76	1967	57.52	7.94E-28	Upper
850-31	0.972	0.052	0.97	110	1976	3.01	3.02E-82	Lower
850-31	1.122	-0.335	0.87	106	1976	17.17	1.08E-47	Middle
850-31	1.580	-1.272	0.97	116	1976	7.16	1.82E-90	Upper
851-14	0.864	-0.047	0.94	7	1981	0.35	2.71E-04	Lower
851-14	1.576	-1.218	0.95	7	1981	0.61	1.85E-04	Middle
851-14	1.541	-1.303	0.97	13	1981	0.95	1.08E-09	Upper
852-01	1.558	-1.217	0.96	142	1965	11.01	6.70E-100	Lower
852-01	1.512	-1.376	0.98	140	1965	6.08	1.49E-112	Middle
852-01	1.401	-1.498	0.95	148	1965	12.35	8.98E-96	Upper
852-02	0.985	-0.102	0.75	75	1968	26.73	1.03E-23	Lower
852-02	1.582	-1.191	0.93	76	1968	13.92	1.50E-45	Middle
852-02	1.456	-1.245	0.87	83	1968	28.71	2.23E-37	Upper
852-03	1.670	-1.617	0.65	161	1987	202.64	5.35E-38	Middle
852-03	1.592	-1.688	0.65	171	1987	191.40	8.33E-41	Upper
852-04	1.651	-1.225	0.99	86	1965	2.62	6.89E-87	Lower
852-04	1.552	-1.337	0.98	90	1965	5.43	8.61E-76	Middle
852-04	1.380	-1.530	0.92	91	1965	17.70	1.63E-50	Upper
852-05	1.593	-1.293	0.96	80	1964	7.50	2.54E-58	Lower
852-05	1.540	-1.350	0.95	81	1964	9.55	6.65E-55	Middle
852-05	1.455	-1.450	0.91	86	1964	18.97	7.13E-45	Upper
852-06	1.567	-1.315	0.97	118	1957	7.74	1.18E-94	Lower
852-06	1.498	-1.390	0.97	121	1957	9.98	1.59E-89	Middle
852-06	1.370	-1.528	0.94	124	1957	14.74	1.80E-77	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-07	1.514	-0.696	0.88	42	1990	11.00	7.09E-20	Lower
852-07	1.681	-1.158	0.99	39	1990	1.43	2.16E-35	Middle
852-07	1.519	-1.348	0.97	48	1990	2.90	4.26E-36	Upper
852-09	1.414	-0.443	0.87	63	1991	11.67	2.45E-28	Lower
852-09	1.725	-1.074	0.98	63	1991	2.40	6.55E-52	Middle
852-09	1.547	-1.290	0.93	69	1991	7.26	9.30E-41	Upper
852-11	0.785	0.322	0.84	214	1974	24.55	3.02E-85	Lower
852-11	1.678	-0.941	0.92	215	1974	51.76	2.39E-117	Middle
852-11	1.533	-1.587	0.77	220	1974	147.28	3.75E-71	Upper
852-12	0.997	0.035	0.74	179	1978	60.26	2.81E-54	Lower
852-12	1.702	-1.209	0.84	181	1973	99.29	3.11E-73	Middle
852-12	1.573	-1.621	0.77	189	1978	135.95	1.32E-61	Upper
852-13	1.501	-1.098	0.96	40	1951	4.50	1.54E-27	Lower
852-13	1.521	-1.362	0.99	34	1951	0.48	7.17E-38	Middle
852-13	1.394	-1.492	0.97	46	1951	2.70	2.81E-36	Upper
852-15	1.514	-1.049	0.95	128	1960	15.41	1.48E-81	Lower
852-15	1.564	-1.314	0.98	127	1960	6.69	3.12E-103	Middle
852-15	1.452	-1.433	0.94	134	1960	17.99	2.81E-80	Upper
852-16	0.679	0.532	0.81	52	1972	6.11	1.54E-19	Lower
852-16	1.004	-0.051	0.69	51	1972	24.35	4.73E-14	Middle
852-16	1.595	-0.981	0.85	57	1972	26.48	1.62E-24	Upper
852-17	1.589	-1.285	1.00	28	1972	0.27	1.50E-32	Lower
852-17	1.514	-1.371	0.99	26	1972	0.30	3.90E-28	Middle
852-17	1.421	-1.474	0.97	34	1972	1.98	6.71E-26	Upper
852-19	1.118	-0.387	0.87	45	1972	9.11	1.24E-20	Lower
852-19	1.578	-1.287	0.99	46	1972	1.05	3.28E-47	Middle
852-19	1.458	-1.410	0.96	50	1972	4.37	4.97E-36	Upper
852-20	0.620	0.420	0.82	20	1994	1.00	3.34E-08	Lower
852-20	0.958	-0.039	0.67	21	1994	5.51	5.05E-06	Middle
852-20	1.812	-1.263	0.74	26	1994	18.00	1.72E-08	Upper
852-21	0.650	0.355	0.63	91	1991	17.67	4.05E-21	Lower
852-21	1.171	-0.495	0.70	88	1975	41.72	2.22E-24	Middle
852-21	1.465	-1.161	0.84	102	1975	32.39	1.94E-41	Upper
852-25	1.324	-1.057	0.57	54	1971	80.22	4.09E-11	Lower
852-25	1.577	-1.629	0.79	57	1971	42.27	2.59E-20	Middle
852-25	1.469	-1.761	0.79	60	1971	38.96	3.51E-21	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-26	0.823	0.395	0.87	145	1984	12.98	4.19E-65	Lower
852-26	1.460	-0.472	0.79	143	1984	72.40	1.37E-49	Middle
852-26	1.591	-1.316	0.78	154	1984	97.79	1.46E-51	Upper
852-28	0.622	0.280	0.79	6	1995	0.47	1.86E-02	Upper
852-30	0.548	0.492	0.76	108	1963	12.04	2.13E-34	Lower
852-30	0.960	-0.210	0.63	106	1963	67.82	4.64E-24	Middle
852-30	1.473	-1.074	0.84	113	1963	52.62	2.09E-46	Upper
852-32	0.876	-0.050	0.99	8	1974	0.08	5.13E-07	Lower
852-32	1.636	-1.222	0.99	9	1974	0.31	5.91E-08	Middle
852-32	1.584	-1.274	0.98	13	1974	0.84	2.60E-10	Upper
852-36	1.415	-0.801	0.91	27	1974	5.80	1.94E-14	Lower
852-36	1.597	-1.273	1.00	30	1974	0.20	3.18E-38	Middle
852-36	1.493	-1.377	0.97	32	1974	2.18	9.80E-25	Upper
853-01	1.573	-1.355	0.80	160	1958	132.71	1.99E-56	Lower
853-01	1.612	-1.629	0.89	158	1958	65.55	3.27E-77	Middle
853-01	1.486	-1.751	0.88	166	1958	62.85	2.21E-78	Upper
853-02	1.566	-1.028	0.71	173	1965	166.75	3.88E-48	Lower
853-02	1.660	-1.488	0.80	174	1965	117.87	1.05E-61	Middle
853-02	1.505	-1.640	0.80	180	1967	100.61	9.55E-64	Upper
853-03	1.724	-0.981	0.60	71	1994	81.57	2.40E-15	Lower
853-03	1.880	-1.465	0.72	72	1994	56.22	3.81E-21	Middle
853-03	1.699	-1.613	0.71	77	1994	52.06	6.59E-22	Upper
853-04	1.601	-1.271	0.99	83	1960	1.63	2.82E-90	Lower
853-04	1.517	-1.363	0.99	81	1960	1.96	3.22E-82	Middle
853-04	1.393	-1.500	0.96	88	1960	7.29	3.87E-64	Upper
853-05	1.416	-0.856	0.92	64	1960	12.99	1.52E-35	Lower
853-05	1.564	-1.310	0.99	64	1960	1.65	1.15E-65	Middle
853-05	1.472	-1.409	0.98	73	1960	3.54	4.69E-62	Upper
853-07	1.544	-1.295	0.98	21	1957	1.79	1.69E-17	Lower
853-07	1.470	-1.388	0.99	22	1957	1.04	2.82E-20	Middle
853-07	1.380	-1.490	0.98	25	1957	1.70	9.56E-21	Upper
853-08	1.061	-0.161	0.88	80	1982	11.43	4.83E-38	Lower
853-08	1.690	-1.146	0.99	80	1982	2.55	1.29E-76	Middle
853-08	1.539	-1.314	0.97	86	1982	6.72	1.76E-63	Upper
853-09	0.953	0.013	0.99	50	1979	0.52	5.63E-50	Lower
853-09	1.607	-0.887	0.92	49	1979	13.07	1.88E-27	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-09	1.712	-1.163	0.99	55	1979	1.47	2.02E-57	Upper
853-10	0.882	0.522	0.94	83	1977	2.61	4.97E-51	Lower
853-10	1.234	-0.062	0.71	81	1977	32.28	1.08E-22	Middle
853-11	1.495	-1.079	0.93	25	1958	7.08	5.33E-15	Lower
853-11	1.528	-1.351	1.00	26	1958	0.04	1.03E-42	Middle
853-11	1.425	-1.462	0.98	28	1958	1.68	9.72E-25	Upper
853-12	1.789	-1.450	0.87	67	1979	32.38	3.78E-30	Middle
853-12	1.643	-1.613	0.86	75	1979	32.77	2.20E-32	Upper
853-14	1.630	-1.628	0.80	46	1968	39.15	8.22E-17	Middle
853-14	1.570	-1.711	0.80	50	1968	39.50	3.67E-18	Upper
853-15	0.876	-0.031	0.92	22	1974	1.37	2.21E-12	Lower
853-15	1.123	-0.573	0.84	23	1974	5.76	8.62E-10	Middle
853-15	1.391	-1.466	0.91	28	1974	5.00	5.76E-15	Upper
853-16	1.161	-0.507	0.86	102	1972	21.07	7.00E-45	Lower
853-16	1.536	-1.322	0.98	100	1967	4.01	2.08E-88	Middle
853-16	1.383	-1.481	0.93	111	1967	15.54	5.52E-64	Upper
853-17	1.569	-1.300	0.95	29	1955	3.83	2.44E-19	Lower
853-17	1.496	-1.383	0.94	32	1955	4.77	2.15E-20	Middle
853-17	1.382	-1.504	0.91	35	1955	6.63	3.49E-19	Upper
853-18	1.525	-1.043	0.95	72	1974	7.58	3.66E-48	Lower
853-18	1.551	-1.325	0.99	69	1974	1.39	1.28E-70	Middle
853-18	1.415	-1.473	0.95	78	1974	6.80	1.07E-52	Upper
853-19	1.275	-1.355	0.68	30	1954	32.13	1.96E-08	Lower
853-19	1.369	-1.816	0.81	28	1954	17.56	7.72E-11	Middle
853-19	1.332	-1.930	0.79	35	1954	22.18	7.61E-13	Upper
853-20	1.597	-1.152	0.97	174	1960	14.06	2.67E-132	Lower
853-20	1.581	-1.301	0.98	178	1984	9.48	2.49E-150	Middle
853-20	1.461	-1.446	0.93	185	1960	28.53	1.88E-108	Upper
853-22	1.353	-1.538	0.98	98	1951	4.39	1.50E-85	Lower
853-22	1.279	-1.619	0.96	94	1951	8.50	3.46E-66	Middle
853-22	1.184	-1.722	0.93	104	1951	14.43	8.28E-61	Upper
853-26	1.262	-0.527	0.89	89	1966	19.26	2.45E-43	Lower
853-26	1.613	-1.258	0.99	92	1966	1.96	8.67E-98	Middle
853-26	1.483	-1.396	0.97	94	1966	6.21	4.23E-74	Upper
853-27	1.036	-0.203	0.89	36	1977	3.93	6.54E-18	Lower
853-27	1.624	-1.237	0.99	39	1977	0.83	2.68E-39	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-27	1.512	-1.351	0.97	42	1977	2.20	5.15E-33	Upper
853-28	1.396	-0.448	0.77	98	1983	49.27	1.80E-32	Lower
853-28	1.669	-1.334	0.74	99	1983	83.47	2.52E-30	Middle
853-28	1.529	-1.552	0.67	104	1983	101.72	1.63E-26	Upper
853-33	1.540	-0.951	0.92	188	1982	44.21	3.00E-102	Lower
853-33	1.659	-1.374	0.94	193	1982	34.04	9.37E-122	Middle
853-33	1.534	-1.501	0.91	199	1968	48.20	8.25E-106	Upper
853-34	1.568	-1.289	0.80	126	1961	111.17	5.87E-45	Lower
853-34	1.680	-1.604	0.90	125	1961	56.97	2.08E-62	Middle
853-34	1.567	-1.688	0.90	135	1961	53.71	2.79E-67	Upper
853-37	1.484	-1.181	0.74	56	1982	53.70	2.89E-17	Lower
853-37	1.559	-1.654	0.81	54	1967	37.01	1.90E-20	Middle
853-37	1.513	-1.655	0.82	66	1967	37.41	9.51E-26	Upper
853-39	1.202	0.056	0.89	40	1991	4.32	6.73E-20	Lower
853-39	1.963	-0.845	0.99	41	1991	0.76	1.94E-43	Middle
853-39	1.862	-0.976	0.97	46	1991	2.66	2.81E-36	Upper
853-41	0.689	0.390	0.73	14	1967	2.38	9.03E-05	Lower
853-41	0.909	0.055	0.92	14	1967	1.03	6.14E-08	Middle
853-41	1.655	-1.269	0.75	20	1967	16.60	6.96E-07	Upper
854-01	0.694	0.468	0.59	253	1962	87.74	5.39E-51	Lower
854-01	1.640	-0.845	0.84	251	1962	132.84	3.30E-102	Middle
854-01	1.481	-1.575	0.71	261	1962	249.75	1.27E-70	Upper
854-03	1.097	-0.040	0.91	102	1981	9.22	2.72E-55	Lower
854-03	1.750	-1.110	0.99	101	1981	1.95	1.89E-106	Middle
854-03	1.608	-1.263	0.96	108	1981	9.98	1.56E-74	Upper
854-09	0.947	0.056	0.98	24	1977	0.44	3.47E-21	Lower
854-09	1.515	-0.848	0.92	25	1977	6.56	8.21E-14	Middle
854-09	1.623	-1.148	0.96	33	1977	4.24	1.00E-22	Upper
854-12	0.947	0.271	0.88	16	1986	1.93	1.04E-07	Lower
854-12	1.802	-0.799	0.93	17	1986	4.07	4.27E-10	Middle
854-12	1.808	-0.995	0.95	21	1986	3.60	1.90E-13	Upper
854-13	0.879	0.216	0.54	67	1956	39.96	1.83E-12	Lower
854-13	1.767	-1.177	0.84	67	1960	33.87	5.89E-28	Middle
854-13	1.588	-1.352	0.83	80	1992	34.99	3.34E-32	Upper
854-15	1.560	-1.119	0.96	57	1965	5.47	1.06E-40	Lower
854-15	1.570	-1.308	0.98	53	1965	2.43	1.02E-45	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-15	1.453	-1.441	0.93	63	1965	9.92	5.97E-37	Upper
854-20	1.542	-1.213	0.68	13	1970	15.99	5.06E-04	Lower
854-20	1.676	-1.566	0.76	16	1970	14.98	1.00E-05	Middle
854-20	1.549	-1.622	0.78	18	1970	13.30	1.43E-06	Upper
854-21	0.580	0.592	0.71	6	1970	0.76	3.46E-02	Lower
854-21	1.779	-0.750	0.84	11	1970	5.78	8.06E-05	Upper
854-22	1.002	0.093	0.98	23	1976	0.46	8.08E-19	Lower
854-22	1.096	-0.207	0.89	26	1976	3.73	7.93E-13	Middle
854-22	1.639	-1.218	0.97	29	1976	2.17	7.24E-22	Upper
854-23	1.676	-0.986	0.95	174	1985	24.29	7.10E-116	Lower
854-23	1.643	-1.199	0.97	174	1984	14.20	3.46E-134	Middle
854-23	1.448	-1.396	0.91	191	1984	35.93	7.09E-103	Upper
854-24	1.408	-1.230	0.82	62	1957	38.25	1.10E-23	Lower
854-24	1.471	-1.756	0.82	65	1957	40.90	1.79E-25	Middle
854-24	1.334	-1.874	0.82	68	1957	35.88	3.07E-26	Upper
854-25	1.478	-0.882	0.92	44	1978	8.22	1.68E-24	Lower
854-25	1.587	-1.260	0.98	41	1966	2.48	2.89E-34	Middle
854-25	1.444	-1.416	0.91	55	1966	9.82	1.26E-29	Upper
854-27	0.882	0.087	0.93	18	1985	0.78	1.54E-10	Lower
854-27	1.499	-0.845	0.89	19	1985	4.31	1.03E-09	Middle
854-27	1.556	-1.273	0.90	24	1985	4.35	1.07E-12	Upper
854-28	2.057	-0.623	0.52	139	1994	245.51	1.84E-23	Lower
854-28	2.124	-1.247	0.57	143	1994	217.14	8.45E-28	Middle
854-28	1.868	-1.460	0.57	143	1994	168.19	9.08E-28	Upper
855-09	1.572	-0.622	0.90	141	1989	31.79	3.31E-70	Lower
855-09	1.793	-1.052	0.99	142	1989	4.55	2.10E-134	Middle
855-09	1.647	-1.221	0.96	146	1989	13.92	2.41E-100	Upper
855-13	0.677	0.367	0.79	14	1982	1.17	1.93E-05	Lower
855-13	0.645	0.251	0.75	12	1982	1.11	2.71E-04	Middle
855-13	0.553	0.017	0.53	18	1982	3.32	5.62E-04	Upper
855-15	0.955	0.377	0.97	11	1994	0.20	6.64E-08	Lower
855-15	2.210	-1.230	0.76	15	1994	13.05	2.50E-05	Middle
855-15	1.959	-1.404	0.76	17	1994	11.42	5.08E-06	Upper
856-01	1.298	-0.601	0.90	107	1958	19.73	4.69E-55	Lower
856-01	1.582	-1.294	0.99	103	1958	1.39	1.31E-116	Middle
856-01	1.452	-1.430	0.96	113	1958	10.60	2.09E-78	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
856-02	1.549	-1.213	0.88	219	1951	108.09	3.49E-100	Lower
856-02	1.620	-1.530	0.95	221	1951	48.93	5.38E-140	Middle
856-02	1.513	-1.624	0.94	228	1951	47.57	4.88E-140	Upper
856-06	0.927	0.000	0.98	42	1962	0.56	7.56E-38	Lower
856-06	1.591	-1.280	1.00	40	1962	0.14	7.10E-56	Middle
856-06	1.455	-1.428	0.95	48	1962	4.72	1.36E-32	Upper
856-07	1.471	-0.973	0.94	157	1965	24.69	9.45E-96	Lower
856-07	1.562	-1.314	0.99	158	1965	2.28	3.64E-179	Middle
856-07	1.443	-1.442	0.98	162	1965	7.04	1.58E-140	Upper
856-08	1.428	-0.887	0.92	121	1964	20.49	4.15E-68	Lower
856-08	1.557	-1.319	0.98	120	1964	5.47	2.99E-103	Middle
856-08	1.444	-1.440	0.95	127	1964	13.29	3.05E-84	Upper
857-02	1.413	-0.929	0.92	64	1966	10.30	2.90E-36	Lower
857-02	1.495	-1.389	0.99	68	1966	2.06	1.85E-63	Middle
857-02	1.323	-1.575	0.93	70	1966	8.50	1.12E-41	Upper
857-03	1.642	-1.235	0.98	36	1963	1.72	2.65E-31	Lower
857-03	1.576	-1.305	0.98	40	1963	2.15	1.61E-33	Middle
857-03	1.492	-1.397	0.97	42	1963	3.18	4.64E-31	Upper
857-04	1.574	-0.954	0.93	24	1986	4.11	3.15E-14	Lower
857-04	1.598	-1.260	0.99	25	1986	0.56	2.95E-25	Middle
857-04	1.383	-1.472	0.93	30	1986	4.00	1.92E-17	Upper
857-05	0.971	0.079	0.99	77	1976	0.94	3.62E-70	Lower
857-05	0.947	-0.122	0.93	79	1976	4.44	3.18E-46	Middle
857-05	1.556	-1.302	0.95	83	1976	8.42	1.65E-55	Upper
857-06	0.867	-0.065	0.98	104	1976	1.83	1.03E-84	Lower
857-06	1.253	-0.821	0.87	105	1976	23.90	8.24E-48	Middle
857-06	1.454	-1.419	0.95	109	1976	11.93	5.85E-71	Upper
857-08	0.985	0.064	0.99	41	1965	0.34	1.06E-41	Lower
857-08	0.917	-0.007	0.99	41	1965	0.17	1.96E-46	Middle
857-08	1.216	-0.680	0.89	47	1965	8.76	8.61E-23	Upper
857-09	1.484	-1.067	0.95	70	1963	8.14	7.31E-46	Lower
857-09	1.534	-1.346	0.99	68	1963	1.10	1.91E-72	Middle
857-09	1.427	-1.461	0.97	76	1963	4.41	2.69E-59	Upper
857-11	0.926	-0.002	0.99	50	1965	0.43	1.10E-50	Lower
857-11	1.621	-1.251	1.00	54	1965	0.45	8.01E-68	Middle
857-11	1.513	-1.368	0.99	55	1965	2.05	2.78E-50	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-12	1.190	-0.478	0.87	65	1975	13.72	2.45E-29	Lower
857-12	1.578	-1.288	0.99	62	1975	1.87	8.75E-59	Middle
857-12	1.437	-1.438	0.92	71	1975	12.02	6.80E-40	Upper
857-20	0.847	-0.080	0.96	38	1972	1.07	7.16E-27	Lower
857-20	0.761	-0.170	0.88	38	1972	2.45	1.94E-18	Middle
857-20	1.352	-1.275	0.86	44	1972	11.88	7.33E-20	Upper
857-23	1.491	-1.369	0.96	17	1972	1.34	3.64E-12	Lower
857-23	1.451	-1.420	0.97	14	1972	1.04	2.49E-10	Middle
857-23	1.297	-1.577	0.88	23	1972	4.82	3.85E-11	Upper
857-25	0.926	0.030	0.95	168	1986	5.06	7.12E-113	Lower
857-25	1.135	-0.548	0.83	171	1986	33.14	3.79E-66	Middle
857-25	1.479	-1.358	0.92	174	1986	25.00	6.64E-95	Upper
857-26	1.465	-1.078	0.94	29	1967	4.05	1.91E-18	Lower
857-26	1.514	-1.361	0.99	31	1967	0.50	8.33E-34	Middle
857-26	1.406	-1.475	0.95	34	1967	3.69	1.06E-22	Upper
857-32	1.205	-0.272	0.88	34	1981	6.14	3.85E-16	Lower
857-32	1.726	-1.138	1.00	31	1981	0.17	1.95E-40	Middle
857-32	1.608	-1.263	0.98	39	1981	1.57	2.98E-34	Upper
857-33	1.582	-1.171	0.97	66	1979	5.37	2.00E-50	Lower
857-33	1.481	-1.418	0.98	63	1979	3.10	2.43E-53	Middle
857-33	1.336	-1.579	0.96	71	1979	5.38	2.99E-50	Upper
857-35	0.580	0.409	0.88	7	1967	0.46	1.86E-03	Lower
857-35	0.593	0.205	0.71	8	1967	1.40	8.47E-03	Middle
857-35	1.310	-1.194	0.80	14	1960	7.57	1.46E-05	Upper
857-36	1.533	-1.344	0.99	20	1967	0.48	1.08E-19	Lower
857-36	1.457	-1.425	1.00	24	1967	0.25	2.11E-27	Middle
857-36	1.376	-1.514	0.99	25	1967	0.41	1.42E-25	Upper
857-37	0.985	0.266	0.99	97	1986	1.05	3.62E-90	Lower
857-37	0.996	0.082	0.99	96	1986	0.48	3.03E-105	Middle
857-37	1.363	-0.655	0.86	102	1986	24.98	4.41E-44	Upper
857-63	0.982	0.088	0.98	161	1985	2.47	1.96E-138	Lower
857-63	1.364	-0.634	0.87	160	1985	36.30	1.63E-72	Middle
857-63	1.546	-1.323	0.94	166	1985	18.81	4.23E-105	Upper
857-65	1.405	-0.886	0.92	59	1966	9.93	1.02E-32	Lower
857-65	1.532	-1.347	1.00	62	1966	0.70	3.34E-71	Middle
857-65	1.371	-1.518	0.96	65	1966	4.60	1.55E-46	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-66	1.036	0.691	0.95	70	1966	2.27	1.79E-47	Lower
857-66	1.165	0.213	0.86	69	1966	9.38	8.43E-31	Middle
857-66	2.001	-0.847	0.98	73	1966	4.04	2.82E-61	Upper
857-67	0.749	0.401	0.86	30	1966	3.14	1.86E-13	Lower
857-67	1.418	-0.536	0.81	30	1966	16.17	1.13E-11	Middle
857-67	1.648	-1.099	0.90	35	1966	12.43	9.69E-18	Upper
857-68	0.732	0.452	0.94	63	1966	2.39	2.54E-38	Lower
857-68	0.802	0.129	0.92	64	1966	3.82	2.11E-35	Middle
857-68	1.542	-0.909	0.84	68	1966	31.95	5.52E-28	Upper
858-01	1.670	-1.070	0.96	49	1991	5.74	7.64E-35	Lower
858-01	1.566	-1.295	0.99	47	1991	1.61	3.52E-44	Middle
858-01	1.347	-1.506	0.94	55	1991	6.35	3.61E-34	Upper
858-02	1.587	-1.068	0.97	53	1967	4.35	2.21E-39	Lower
858-02	1.585	-1.287	1.00	49	1967	0.44	2.61E-58	Middle
858-02	1.465	-1.414	0.98	59	1967	2.76	1.06E-48	Upper
858-05	1.515	-1.240	0.67	79	1979	98.44	5.55E-20	Lower
858-05	1.543	-1.670	0.74	79	1977	68.35	1.71E-24	Middle
858-05	1.411	-1.812	0.76	86	1979	57.75	1.09E-27	Upper
858-08	1.363	-0.676	0.90	30	1970	7.17	2.07E-15	Lower
858-08	1.612	-1.267	1.00	28	1973	0.32	1.63E-32	Middle
858-08	1.446	-1.444	0.97	37	1970	2.57	3.22E-28	Upper
858-11	1.652	-0.815	0.92	81	1987	14.26	5.26E-45	Lower
858-11	1.720	-1.178	0.98	79	1987	3.48	1.16E-67	Middle
858-11	1.546	-1.382	0.94	87	1987	9.94	2.38E-53	Upper
858-12	1.074	-0.119	0.69	48	1956	26.01	2.72E-13	Lower
858-12	1.631	-1.025	0.89	49	1956	16.02	1.60E-24	Middle
858-12	1.396	-1.325	0.88	53	1956	14.19	2.22E-25	Upper
859-01	1.392	-0.830	0.92	34	1958	6.17	5.12E-19	Lower
859-01	1.574	-1.301	0.99	35	1958	0.55	4.11E-38	Middle
859-01	1.475	-1.412	0.98	40	1958	1.60	3.50E-35	Upper
859-02	1.637	-1.233	0.99	48	1968	0.62	2.85E-54	Lower
859-02	1.544	-1.334	0.99	50	1968	0.88	1.09E-52	Middle
859-02	1.373	-1.527	0.96	54	1968	4.25	3.52E-37	Upper
859-03	1.163	-0.206	0.79	52	1990	15.21	1.78E-18	Lower
859-03	1.726	-1.085	0.98	55	1990	2.86	3.60E-46	Middle
859-03	1.520	-1.327	0.96	58	1990	4.96	2.02E-39	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-04	1.228	-0.559	0.87	116	1960	34.14	1.57E-52	Lower
859-04	1.559	-1.315	0.98	116	1960	5.94	1.15E-104	Middle
859-04	1.456	-1.425	0.98	122	1960	8.65	5.25E-98	Upper
859-05	1.185	-0.410	0.88	102	1965	18.29	3.20E-48	Lower
859-05	1.600	-1.273	0.99	99	1965	1.71	9.30E-107	Middle
859-05	1.492	-1.388	0.98	108	1965	4.55	1.56E-92	Upper
859-06	1.215	-0.627	0.88	113	1966	22.21	2.00E-52	Lower
859-06	1.546	-1.323	0.99	114	1966	2.84	9.95E-113	Middle
859-06	1.418	-1.456	0.96	119	1966	8.70	8.86E-86	Upper
859-07	1.682	-1.494	0.74	23	1985	20.42	1.62E-07	Middle
859-07	1.611	-1.614	0.72	26	1985	22.16	4.21E-08	Upper
859-08	1.415	-0.741	0.87	270	1992	80.76	3.75E-120	Lower
859-08	1.557	-1.190	0.95	272	1965	32.49	4.31E-181	Middle
859-08	1.411	-1.396	0.93	289	1983	40.31	7.23E-169	Upper
859-11	0.574	0.234	0.82	77	1951	5.26	1.50E-29	Lower
859-11	0.998	-0.406	0.60	81	1951	51.67	2.94E-17	Middle
859-11	1.386	-1.198	0.77	84	1951	45.20	1.12E-27	Upper
859-12	1.568	-1.311	1.00	55	1970	0.62	2.19E-63	Lower
859-12	1.468	-1.418	0.99	57	1970	0.81	6.68E-62	Middle
859-12	1.329	-1.570	0.96	61	1970	4.68	5.25E-42	Upper
859-13	0.336	0.711	0.53	64	1961	8.10	1.28E-11	Lower
859-13	1.293	-0.882	0.70	70	1961	61.69	2.12E-19	Upper
859-14	1.640	-1.158	0.97	155	1970	10.96	1.07E-120	Lower
859-14	1.596	-1.284	0.98	154	1970	6.98	1.24E-133	Middle
859-14	1.497	-1.394	0.95	161	1970	15.58	7.42E-109	Upper
859-15	1.643	-0.671	0.83	94	1990	39.34	8.81E-37	Lower
859-15	1.676	-1.338	0.77	96	1990	61.80	2.12E-31	Middle
859-15	1.418	-1.695	0.67	100	1990	72.76	2.89E-25	Upper
859-17	0.572	0.665	0.78	82	1956	8.04	2.28E-28	Lower
859-17	1.189	-0.201	0.68	83	1956	59.32	9.01E-22	Middle
859-17	1.562	-0.996	0.83	88	1956	47.20	7.23E-35	Upper
859-18	0.765	0.625	0.85	21	1981	1.91	3.12E-09	Lower
859-18	1.077	0.203	0.73	23	1981	7.92	2.06E-07	Middle
859-18	1.743	-0.862	0.86	27	1981	11.31	4.43E-12	Upper
859-19	0.718	0.224	0.82	112	1981	12.02	3.00E-42	Lower
859-19	1.237	-0.485	0.72	115	1981	63.59	1.18E-32	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-19	1.595	-1.093	0.87	117	1981	40.61	6.97E-53	Upper
859-20	1.599	-1.274	0.99	55	1966	1.71	9.43E-53	Lower
859-20	1.516	-1.365	0.98	58	1966	2.35	1.18E-49	Middle
859-20	1.391	-1.498	0.96	61	1966	5.46	9.96E-42	Upper
859-21	1.500	-0.623	0.54	185	1994	222.81	2.36E-32	Middle
859-21	1.772	-1.207	0.78	189	1992	102.91	2.57E-63	Upper
859-22	1.615	-1.258	0.99	244	1964	6.10	5.92E-246	Lower
859-22	1.546	-1.334	0.99	245	1964	6.40	6.01E-240	Middle
859-22	1.418	-1.473	0.95	255	1965	24.36	2.57E-170	Upper
859-24	1.360	-0.251	0.84	26	1991	6.04	5.29E-11	Lower
859-24	1.792	-1.002	0.97	25	1991	1.72	1.22E-19	Middle
859-24	1.609	-1.165	0.92	32	1991	4.52	3.89E-18	Upper
859-25	0.680	0.532	0.73	143	1973	22.97	2.40E-42	Lower
859-25	1.509	-0.623	0.81	146	1973	73.07	4.63E-54	Middle
859-25	1.615	-1.435	0.78	149	1973	105.72	8.27E-50	Upper
860-01	0.925	0.006	0.98	56	1980	1.11	3.70E-45	Lower
860-01	1.442	-0.965	0.91	58	1980	11.39	5.54E-31	Middle
860-01	1.405	-1.457	0.93	61	1980	8.38	9.92E-36	Upper
860-07	1.627	-1.145	0.97	85	1955	9.43	4.99E-66	Lower
860-07	1.531	-1.277	0.97	87	1955	9.28	5.39E-66	Middle
860-07	1.410	-1.410	0.94	90	1955	15.56	2.76E-56	Upper
860-08	1.107	-0.303	0.91	21	1945	3.15	3.09E-11	Lower
860-08	1.580	-1.290	1.00	26	1945	0.31	2.35E-29	Middle
860-08	1.432	-1.460	0.95	30	1953	3.19	2.98E-20	Upper
860-10	1.318	-0.737	0.63	13	1953	12.97	1.11E-03	Upper
861-03	1.427	-1.059	0.94	86	1964	11.13	3.92E-53	Lower
861-03	1.481	-1.403	0.99	84	1964	2.23	6.13E-80	Middle
861-03	1.341	-1.550	0.92	92	1964	13.41	2.38E-52	Upper
861-04	0.353	1.022	0.60	64	1964	5.51	6.47E-14	Lower
861-04	0.670	0.458	0.54	67	1964	25.60	1.22E-12	Middle
861-04	1.463	-0.773	0.73	70	1964	55.13	3.01E-21	Upper
861-05	1.575	-1.304	0.98	15	1955	1.07	5.59E-12	Lower
861-05	1.476	-1.408	0.97	16	1955	1.38	1.06E-11	Middle
861-05	1.327	-1.569	0.93	21	1955	3.39	3.36E-12	Upper
861-06	0.992	0.068	0.99	50	1981	0.39	7.17E-51	Lower
861-06	0.922	-0.005	0.99	47	1981	0.34	1.36E-46	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
861-06	1.634	-1.213	0.96	56	1981	5.00	3.10E-40	Upper
861-07	0.928	0.012	0.96	9	1964	0.34	2.41E-06	Lower
861-07	0.896	-0.025	0.97	6	1964	0.13	2.98E-04	Middle
861-07	1.066	-0.502	0.84	15	1964	3.68	1.81E-06	Upper
861-08	0.650	0.408	0.72	112	1977	18.89	2.93E-32	Lower
861-08	1.201	-0.595	0.77	111	1977	50.72	1.21E-36	Middle
861-08	1.390	-1.256	0.85	121	1977	42.27	2.59E-50	Upper
861-09	1.603	-1.273	0.98	21	1956	1.17	6.86E-18	Lower
861-09	1.550	-1.330	0.97	18	1956	1.37	1.28E-13	Middle
861-09	1.485	-1.401	0.96	27	1956	2.57	2.20E-19	Upper
861-10	1.063	0.076	0.97	26	1983	0.88	7.24E-20	Lower
861-10	1.601	-0.871	0.76	28	1983	23.35	1.47E-09	Middle
861-10	1.744	-1.562	0.75	31	1983	29.63	2.42E-10	Upper
861-11	1.526	-0.943	0.93	55	1979	7.64	4.26E-33	Lower
861-11	1.593	-1.272	0.98	56	1979	2.46	1.30E-46	Middle
861-11	1.451	-1.433	0.92	61	1979	9.66	7.50E-34	Upper
861-12	1.197	0.081	0.73	146	1993	43.89	7.58E-43	Lower
861-12	1.800	-1.262	0.62	144	1993	158.22	7.54E-32	Middle
861-14	1.366	-0.577	0.73	166	1957	135.35	7.34E-48	Lower
861-14	1.713	-1.499	0.85	168	1957	98.63	1.47E-70	Middle
861-14	1.587	-1.635	0.86	175	1974	84.77	1.13E-74	Upper
861-15	0.664	0.493	0.78	22	1964	2.85	4.50E-08	Lower
861-15	1.461	-0.746	0.79	22	1964	13.50	2.74E-08	Middle
861-15	1.500	-1.322	0.79	28	1964	17.13	2.87E-10	Upper
861-17	1.657	-1.532	0.77	11	1959	10.62	3.84E-04	Lower
861-17	1.614	-1.486	0.84	8	1959	5.19	1.25E-03	Middle
861-17	1.666	-1.530	0.76	17	1959	16.50	5.78E-06	Upper
861-18	0.468	0.853	0.56	54	1983	7.36	9.81E-11	Lower
861-18	0.864	0.251	0.67	55	1983	16.38	3.32E-14	Middle
861-18	1.682	-0.762	0.81	60	1983	31.38	2.73E-22	Upper
861-19	1.226	-0.310	0.67	11	1986	6.63	2.18E-03	Lower
861-19	1.824	-1.006	0.84	14	1986	6.64	4.17E-06	Middle
861-19	1.556	-1.606	0.80	17	1986	8.36	1.29E-06	Upper
862-01	0.871	0.074	0.93	103	1977	5.11	8.80E-61	Lower
862-01	1.529	-1.120	0.96	104	1977	8.43	1.20E-73	Middle
862-01	1.424	-1.458	0.95	109	1977	10.95	2.67E-70	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
862-04	1.525	-1.264	0.98	123	1963	6.20	6.29E-103	Lower
862-04	1.455	-1.436	0.99	117	1963	1.49	1.77E-129	Middle
862-04	1.295	-1.615	0.95	129	1963	10.47	1.81E-86	Upper
862-06	0.589	0.513	0.73	72	1960	9.54	9.22E-22	Lower
862-06	1.097	-0.254	0.65	74	1960	51.42	6.40E-18	Middle
862-06	1.465	-1.007	0.79	78	1960	45.39	1.13E-27	Upper
862-07	0.768	0.438	0.58	76	1955	35.19	1.96E-15	Lower
862-07	1.661	-0.827	0.86	79	1955	39.12	3.09E-34	Middle
862-07	1.436	-1.409	0.80	82	1955	46.07	2.27E-29	Upper
862-09	0.515	0.553	0.80	140	1959	13.61	1.82E-49	Lower
862-09	0.984	-0.292	0.64	139	1959	109.10	4.71E-32	Middle
862-09	1.368	-1.131	0.82	145	1959	82.83	1.06E-55	Upper
862-11	1.165	-0.491	0.88	47	1962	8.73	2.63E-22	Lower
862-11	1.562	-1.316	0.99	47	1962	0.93	8.26E-49	Middle
862-11	1.441	-1.450	0.96	53	1962	4.30	5.79E-38	Upper
862-14	1.260	-0.668	0.89	147	1962	28.13	5.02E-72	Lower
862-14	1.538	-1.339	1.00	147	1962	0.71	6.00E-196	Middle
862-14	1.403	-1.490	0.97	153	1962	9.75	2.39E-115	Upper
862-17	0.548	0.360	0.68	146	1982	18.70	5.68E-37	Lower
862-17	1.188	-0.475	0.63	147	1982	107.90	3.02E-33	Middle
862-17	1.366	-1.180	0.68	152	1982	116.00	2.69E-39	Upper
862-21	1.242	-0.698	0.89	198	1957	39.92	1.51E-94	Lower
862-21	1.513	-1.366	1.00	199	1960	1.80	1.33E-238	Middle
862-21	1.385	-1.506	0.96	210	1960	15.49	1.09E-150	Upper
863-01	1.422	-1.461	0.99	20	1958	0.65	3.24E-18	Lower
863-01	1.331	-1.559	0.99	20	1958	0.61	5.33E-18	Middle
863-01	1.188	-1.702	0.92	26	1958	3.81	2.14E-14	Upper
863-02	0.485	0.873	0.70	155	1952	14.81	2.31E-41	Lower
863-02	1.064	0.102	0.52	151	1952	147.27	1.00E-25	Middle
863-02	1.540	-0.685	0.74	162	1951	128.26	4.63E-48	Upper
863-06	0.644	0.453	0.73	155	1984	18.89	1.51E-45	Lower
863-06	1.379	-0.431	0.70	151	1984	99.15	1.18E-40	Middle
863-06	1.621	-1.099	0.82	161	1984	75.23	1.48E-60	Upper
863-07	0.858	0.297	0.87	136	1990	10.34	4.85E-62	Lower
863-07	1.684	-0.655	0.84	137	1990	51.45	4.48E-56	Middle
863-07	1.559	-1.372	0.75	142	1990	79.55	1.81E-44	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
863-08	1.710	-1.413	0.74	42	1976	43.24	4.17E-13	Lower
863-08	1.639	-1.468	0.74	43	1976	39.55	1.09E-13	Middle
863-08	1.587	-1.548	0.73	47	1976	41.35	1.65E-14	Upper
863-09	0.756	0.714	0.82	62	1979	6.67	3.63E-24	Lower
863-09	1.212	0.080	0.78	61	1979	23.00	6.01E-21	Middle
863-09	1.805	-0.929	0.93	67	1979	14.55	7.48E-39	Upper
863-10	1.536	-1.342	1.00	10	1958	0.12	8.38E-11	Lower
863-10	1.493	-1.391	0.99	10	1958	0.15	2.89E-10	Middle
863-10	1.346	-1.551	0.93	16	1958	2.36	1.48E-09	Upper
864-01	0.890	-0.031	0.98	22	1965	0.33	7.79E-19	Lower
864-01	0.803	-0.116	0.94	20	1965	0.67	9.48E-13	Middle
864-01	0.852	-0.457	0.78	28	1965	5.84	5.53E-10	Upper
864-03	0.682	1.100	0.86	69	1994	2.80	1.44E-30	Lower
864-03	0.606	0.741	0.62	68	1994	8.27	1.17E-15	Middle
864-03	1.766	-0.384	0.63	73	1994	72.14	4.33E-17	Upper
864-04	0.724	0.195	0.83	75	1987	5.88	7.21E-30	Lower
864-04	0.624	0.048	0.70	74	1987	8.80	2.61E-20	Middle
864-06	0.847	-0.062	0.91	132	1977	8.27	5.75E-70	Lower
864-06	0.719	-0.190	0.82	131	1977	12.98	2.47E-50	Middle
864-07	0.952	0.063	0.97	155	1980	3.24	3.24E-121	Lower
864-07	0.847	-0.063	0.94	153	1980	5.32	9.65E-96	Middle
864-07	0.676	-0.226	0.68	161	1980	27.76	1.65E-41	Upper
864-08	0.801	0.287	0.89	35	1985	1.91	1.14E-17	Lower
864-08	0.711	0.114	0.85	40	1985	2.54	1.95E-17	Middle
864-08	0.578	-0.176	0.51	41	1985	9.29	1.31E-07	Upper
864-09	1.738	-0.984	0.97	75	1986	5.60	2.62E-58	Lower
864-09	1.654	-1.198	0.98	74	1986	2.74	3.24E-66	Middle
864-09	1.431	-1.428	0.93	81	1986	11.01	1.31E-46	Upper
864-11	0.829	0.438	0.93	146	1987	5.18	7.58E-86	Lower
864-11	0.742	0.206	0.85	146	1987	9.66	2.34E-61	Middle
864-11	0.564	-0.067	0.53	152	1987	30.59	3.49E-26	Upper
864-13	0.946	0.021	0.98	40	1967	0.74	1.38E-33	Lower
864-13	0.888	-0.037	0.98	38	1967	0.60	1.84E-31	Middle
864-13	0.917	-0.253	0.87	46	1967	5.35	1.74E-21	Upper
864-14	0.385	1.013	0.62	83	1967	8.72	1.30E-18	Lower
864-14	0.754	0.382	0.56	79	1967	41.17	2.30E-15	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
864-14	1.446	-0.695	0.72	89	1967	81.47	6.54E-26	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-07	0.722	-0.168	0.94	5	1995	0.14	6.27E-03	Middle
003-07	1.629	-1.360	0.74	11	1972	6.30	7.05E-04	Upper
005-05	1.731	-1.570	0.54	27	1980	28.97	1.20E-05	Middle
005-05	1.622	-1.661	0.52	29	1966	29.23	9.06E-06	Upper
009-31	0.750	-0.128	0.80	53	1982	5.79	2.17E-19	Lower
009-31	0.712	-0.181	0.83	53	1982	4.11	1.62E-21	Middle
009-31	0.912	-0.570	0.76	59	1982	12.06	3.31E-19	Upper
010-06	1.453	-0.914	0.76	70	1988	33.33	1.17E-22	Lower
010-06	1.730	-1.355	0.87	64	1982	21.34	3.74E-29	Middle
010-06	1.681	-1.443	0.85	78	1989	27.29	9.56E-33	Upper
012-30	0.520	0.407	0.52	96	1993	13.39	1.31E-16	Lower
018-01	0.446	0.303	0.63	78	1979	5.34	5.64E-18	Lower
018-01	0.575	0.002	0.79	81	1979	3.98	7.97E-29	Middle
018-01	1.829	-1.585	0.76	83	1979	49.41	3.45E-27	Upper
019-30	0.772	-0.141	0.88	80	1979	6.37	2.41E-38	Lower
019-30	0.718	-0.198	0.85	82	1979	7.72	9.33E-35	Middle
019-30	1.404	-1.350	0.92	86	1979	15.49	3.36E-47	Upper
029-03	0.815	-0.122	0.96	10	1973	0.25	5.97E-07	Lower
029-03	1.532	-0.823	0.85	8	1973	3.30	1.10E-03	Middle
029-03	1.500	-1.252	0.95	18	1973	1.97	6.42E-12	Upper
029-04	0.686	-0.234	0.91	264	1979	10.65	1.22E-137	Lower
029-04	0.639	-0.282	0.86	260	1979	14.76	2.57E-111	Middle
029-04	0.611	-0.427	0.68	270	1979	40.26	6.30E-68	Upper
029-06	1.315	-1.565	0.96	56	1961	5.67	3.26E-38	Lower
029-06	1.246	-1.643	0.95	53	1961	5.43	8.06E-36	Middle
029-06	1.183	-1.713	0.97	62	1961	3.51	9.95E-47	Upper
029-07	1.471	-1.739	0.73	79	1980	57.29	1.67E-23	Lower
029-07	1.417	-1.877	0.76	77	1980	44.48	7.70E-25	Middle
029-07	1.337	-1.918	0.77	85	1980	42.49	6.26E-28	Upper
030-32	1.154	-2.155	0.50	8	1977	7.57	4.88E-02	Middle
030-32	1.352	-1.953	0.55	16	1977	16.11	1.01E-03	Upper
031-06	1.539	-0.800	0.67	23	1991	16.92	1.82E-06	Lower
031-09	0.778	0.052	0.79	38	1989	4.86	1.16E-13	Lower
031-09	0.732	-0.094	0.73	36	1989	5.35	4.13E-11	Middle
031-09	1.062	-0.758	0.71	44	1989	15.41	6.63E-13	Upper
033-01	1.821	-1.580	0.75	21	1983	14.65	3.71E-07	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
033-01	1.678	-1.580	0.78	22	1994	11.50	6.57E-08	Middle
033-01	1.626	-1.703	0.77	30	1994	15.19	1.74E-10	Upper
033-02	1.639	-1.731	0.69	16	1994	12.28	6.52E-05	Middle
033-02	1.621	-1.652	0.73	25	1994	16.21	4.63E-08	Upper
035-03	0.710	-0.209	0.90	17	1984	0.86	6.48E-09	Lower
035-03	0.670	-0.249	0.86	16	1984	1.16	2.89E-07	Middle
035-03	1.119	-0.945	0.76	23	1984	7.83	5.69E-08	Upper
038-01	1.542	-1.336	1.00	67	1991	0.76	6.71E-80	Lower
038-01	1.489	-1.395	0.99	66	1991	1.06	9.87E-73	Middle
038-01	1.443	-1.443	0.99	73	1972	2.16	3.84E-70	Upper
038-02	1.101	-0.401	0.73	6	1976	2.99	2.94E-02	Lower
038-02	1.662	-1.683	0.83	8	1976	4.76	1.62E-03	Middle
038-02	1.649	-1.555	0.86	12	1976	5.43	1.57E-05	Upper
039-01	0.860	0.171	0.94	91	1986	3.50	2.81E-56	Lower
039-01	0.907	-0.008	0.94	94	1986	3.84	6.35E-59	Middle
039-01	0.931	-0.225	0.79	96	1986	18.31	2.73E-33	Upper
040-04	0.832	-0.070	0.97	32	1984	0.60	2.36E-24	Lower
040-04	1.626	-0.906	0.89	31	1984	8.39	1.01E-15	Middle
040-04	1.612	-1.135	0.87	37	1984	12.69	6.30E-17	Upper
041-02	1.357	-0.980	0.75	187	1995	102.95	5.60E-58	Lower
041-02	1.553	-1.502	0.83	187	1995	81.52	7.48E-74	Middle
041-02	1.463	-1.578	0.83	197	1984	74.29	4.19E-78	Upper
041-03	1.428	-1.388	0.62	129	1989	152.88	1.59E-28	Middle
041-03	1.486	-1.618	0.74	142	1989	106.60	1.54E-42	Upper
042-02	1.363	-1.782	0.69	82	1955	79.83	7.87E-22	Middle
042-02	1.288	-1.863	0.69	90	1955	74.77	3.16E-24	Upper
042-05	0.783	-0.105	0.88	136	1985	11.48	8.89E-63	Lower
042-05	0.949	-0.477	0.73	135	1985	45.44	1.82E-39	Middle
042-05	1.455	-1.367	0.93	149	1979	21.08	1.21E-88	Upper
042-06	1.510	-1.360	0.99	8	1970	0.17	1.43E-07	Lower
042-06	1.478	-1.394	0.99	4	1970	0.11	5.30E-03	Middle
042-06	1.412	-1.465	0.98	13	1970	0.67	1.85E-10	Upper
042-07	1.260	-0.881	0.73	178	1972	124.59	7.66E-52	Lower
042-07	1.538	-1.546	0.85	180	1964	92.40	2.30E-74	Middle
042-07	1.415	-1.643	0.84	199	1970	89.14	1.70E-79	Upper
045-31	0.718	-0.189	0.85	76	1979	7.38	2.57E-32	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
045-31	1.030	-0.784	0.76	78	1985	27.17	5.71E-25	Middle
045-31	1.369	-1.468	0.95	88	1977	9.08	4.13E-57	Upper
052-05	0.554	0.114	0.69	49	1972	3.65	1.06E-13	Lower
052-05	1.534	-1.820	0.64	53	1972	38.85	6.56E-13	Upper
052-06	1.362	-1.069	0.87	30	1975	9.14	9.29E-14	Lower
052-06	1.453	-1.464	0.82	31	1976	14.19	2.56E-12	Middle
052-06	1.441	-1.604	0.78	40	1975	22.46	5.01E-14	Upper
052-08	1.275	-0.665	0.72	54	1992	31.24	5.72E-16	Lower
052-08	1.628	-1.188	0.97	55	1975	4.27	2.42E-41	Middle
052-08	1.550	-1.271	0.97	63	1992	3.49	4.44E-50	Upper
052-30	0.368	0.055	0.70	7	1972	0.45	1.96E-02	Lower
052-30	1.194	-0.955	0.69	13	1972	8.32	4.52E-04	Upper
053-01	1.099	-0.613	0.74	108	1989	46.77	8.95E-33	Lower
053-01	1.484	-1.295	0.95	109	1966	12.86	4.73E-72	Middle
053-01	1.382	-1.395	0.95	121	1974	13.00	6.21E-77	Upper
053-04	1.399	-1.473	0.97	6	1974	0.48	3.01E-04	Lower
053-04	1.298	-1.595	1.00	4	1974	0.03	1.67E-03	Middle
053-04	1.335	-1.539	0.97	11	1974	0.79	4.47E-08	Upper
053-05	0.720	-0.195	0.57	70	1993	31.95	3.27E-14	Lower
053-05	1.541	-1.510	0.84	83	1972	40.14	2.17E-34	Upper
053-30	1.333	-1.556	0.98	64	1955	3.90	1.65E-52	Lower
053-30	1.252	-1.642	0.97	65	1955	4.79	1.93E-48	Middle
053-30	1.160	-1.740	0.97	70	1955	4.45	1.48E-52	Upper
056-06	0.444	0.368	0.63	7	1980	0.51	3.24E-02	Lower
056-06	0.478	0.168	0.62	9	1980	0.78	1.17E-02	Middle
056-30	0.648	-0.130	0.92	8	1990	0.26	1.98E-04	Middle
056-30	1.599	-1.126	0.90	11	1990	1.93	7.84E-06	Upper
058-30	0.841	0.289	0.97	17	1980	0.35	1.06E-12	Lower
058-30	1.496	-0.393	0.79	20	1980	9.48	1.41E-07	Middle
058-30	1.715	-1.081	0.84	22	1980	10.84	2.52E-09	Upper
059-01	0.422	0.147	0.57	29	1950	2.23	2.23E-06	Lower
059-01	0.546	-0.098	0.75	28	1950	1.57	3.35E-09	Middle
059-02	0.843	0.344	0.95	34	1987	0.79	9.70E-23	Lower
059-02	1.158	-0.054	0.72	37	1987	12.47	3.12E-11	Middle
059-02	1.856	-1.185	0.82	41	1990	20.80	4.85E-16	Upper
061-01	1.483	-1.398	1.00	9	1982	0.07	2.82E-10	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
061-01	1.399	-1.485	0.98	10	1982	0.38	1.66E-08	Middle
061-01	1.349	-1.541	0.99	14	1982	0.35	5.43E-13	Upper
063-05	0.760	-0.109	0.85	45	1990	3.00	3.82E-19	Lower
063-05	0.700	-0.187	0.89	43	1990	1.91	3.84E-21	Middle
063-05	1.204	-0.910	0.78	51	1990	13.19	9.02E-18	Upper
063-06	1.287	-0.818	0.77	7	1990	4.02	9.92E-03	Lower
063-06	1.751	-1.065	0.96	8	1990	1.00	2.32E-05	Middle
063-06	1.479	-1.357	0.97	13	1990	0.86	1.16E-09	Upper
065-06	0.884	-0.105	0.73	36	1992	6.13	3.44E-11	Lower
065-06	1.706	-0.995	0.93	39	1992	5.28	6.71E-23	Middle
065-06	1.597	-1.127	0.93	42	1992	4.55	5.12E-25	Upper
066-01	1.593	-1.247	0.98	47	1989	1.87	1.17E-40	Lower
066-01	1.505	-1.346	0.98	48	1989	1.52	3.73E-43	Middle
066-01	1.430	-1.431	0.99	52	1989	1.17	1.03E-48	Upper
090-04	1.329	-1.026	0.52	190	1989	236.91	1.19E-31	Middle
090-04	1.748	-1.415	0.78	194	1989	127.35	4.26E-65	Upper
090-05	0.724	-0.435	0.63	18	1991	5.47	8.46E-05	Lower
090-05	1.519	-1.262	0.92	19	1991	3.87	1.12E-10	Middle
090-05	1.452	-1.353	0.96	24	1991	2.13	2.43E-16	Upper
094-01	0.600	-0.067	0.99	5	1991	0.01	2.60E-04	Middle
094-01	1.857	-1.187	0.70	9	1991	7.97	5.15E-03	Upper
094-02	1.682	-1.657	0.74	72	1994	42.99	2.46E-22	Upper
097-01	1.740	-1.439	0.81	21	1990	12.53	2.25E-08	Lower
097-01	1.739	-1.501	0.80	24	1990	14.91	3.35E-09	Middle
097-01	1.675	-1.526	0.81	26	1990	14.51	3.35E-10	Upper
098-03	1.406	-1.975	0.70	79	1994	46.09	5.41E-22	Middle
098-03	1.408	-1.963	0.70	84	1994	48.66	2.01E-23	Upper
100-01	0.695	-0.052	0.91	139	1990	6.46	4.40E-73	Lower
100-01	0.712	-0.179	0.88	139	1982	8.94	4.08E-65	Middle
100-01	1.449	-1.297	0.93	148	1982	23.38	3.85E-84	Upper
100-02	0.828	-0.065	0.93	96	1983	3.75	3.44E-57	Lower
100-02	1.627	-1.457	0.71	102	1983	87.83	1.52E-28	Upper
100-03	0.667	-0.252	0.85	51	1983	4.51	1.55E-21	Lower
100-03	0.962	-0.722	0.70	53	1983	22.05	5.04E-15	Middle
100-03	1.395	-1.460	0.95	56	1983	6.14	8.19E-37	Upper
101-01	0.749	-0.147	0.94	206	1981	7.03	1.23E-126	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
101-01	0.747	-0.324	0.64	207	1982	62.56	2.68E-47	Middle
101-01	1.310	-1.161	0.72	216	1982	138.04	2.17E-60	Upper
101-02	1.430	-0.860	0.84	78	1961	29.28	5.11E-32	Lower
101-02	1.504	-1.533	0.75	76	1961	55.09	7.96E-24	Middle
101-02	1.367	-1.729	0.72	84	1961	60.66	4.38E-24	Upper
103-01	1.517	-1.438	0.74	43	1979	33.02	1.44E-13	Lower
103-01	1.514	-1.667	0.82	44	1979	20.58	3.13E-17	Middle
103-01	1.442	-1.752	0.82	48	1979	20.85	9.29E-19	Upper
105-01	1.053	-2.188	0.53	61	1994	33.28	4.04E-11	Middle
105-01	1.224	-2.045	0.62	69	1994	40.11	8.16E-16	Upper
105-02	1.362	-1.743	0.66	34	1992	22.91	5.63E-09	Middle
105-02	1.443	-1.632	0.71	40	1992	26.16	1.22E-11	Upper
105-03	0.754	-0.178	0.93	25	1985	1.01	4.49E-15	Lower
105-03	1.174	-0.711	0.80	25	1985	7.65	1.39E-09	Middle
105-03	1.471	-1.376	0.95	31	1985	3.56	3.97E-20	Upper
106-01	0.736	-0.085	0.87	126	1977	11.36	8.73E-56	Lower
106-01	1.570	-1.429	0.83	127	1978	70.02	1.67E-49	Middle
106-01	1.493	-1.584	0.85	137	1977	58.78	1.06E-56	Upper
106-02	1.520	-1.698	0.71	87	1982	80.56	1.41E-24	Middle
106-02	1.445	-1.755	0.71	89	1982	74.47	3.46E-25	Upper
107-01	0.781	-0.122	0.93	83	1982	3.29	8.37E-48	Lower
107-01	0.709	-0.215	0.89	82	1982	4.12	2.34E-40	Middle
107-01	1.440	-1.186	0.71	89	1982	62.57	6.97E-25	Upper
107-02	0.789	-0.025	0.91	139	1982	6.97	7.66E-73	Lower
107-02	0.761	-0.137	0.89	140	1982	7.63	4.34E-69	Middle
107-02	1.107	-0.786	0.51	145	1982	136.99	1.07E-23	Upper
108-01	1.540	-1.696	0.76	59	1978	49.01	3.56E-19	Lower
108-01	1.499	-1.717	0.76	56	1978	44.21	2.70E-18	Middle
108-01	1.436	-1.787	0.74	64	1978	49.13	6.00E-20	Upper
109-01	1.371	-1.468	0.61	60	1989	60.45	2.49E-13	Lower
109-01	1.385	-1.743	0.67	63	1989	49.49	2.34E-16	Middle
109-01	1.361	-1.772	0.66	66	1989	51.44	1.28E-16	Upper
109-03	1.615	-1.461	0.63	146	1991	155.47	2.78E-33	Upper
110-01	1.309	-1.069	0.56	104	1987	117.49	7.83E-20	Middle
110-01	1.684	-1.487	0.81	108	1987	61.22	1.28E-39	Upper
110-02	0.777	-0.105	0.87	80	1989	5.01	7.16E-37	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
110-02	0.732	-0.152	0.83	78	1989	6.30	6.28E-31	Middle
110-02	0.912	-0.492	0.67	85	1989	25.26	1.36E-21	Upper
111-01	1.726	-1.124	0.66	124	1991	112.01	3.80E-30	Lower
111-01	1.942	-1.488	0.78	125	1991	79.44	6.41E-42	Middle
111-01	1.859	-1.569	0.78	129	1991	74.95	5.07E-43	Upper
111-02	0.748	-0.095	0.93	152	1948	6.43	7.37E-87	Lower
111-02	1.298	-1.092	0.63	150	1980	141.15	1.47E-33	Middle
111-02	1.277	-1.977	0.65	163	1993	136.14	6.88E-39	Upper
113-01	1.242	-1.744	0.60	70	1956	61.35	3.44E-15	Lower
113-01	1.072	-2.037	0.57	66	1956	47.30	2.49E-13	Middle
113-01	1.098	-2.018	0.60	75	1956	53.26	3.75E-16	Upper
115-01	0.943	-0.591	0.65	155	1960	88.32	1.17E-36	Lower
115-01	1.305	-1.602	0.75	153	1959	101.86	9.52E-48	Middle
115-01	1.188	-1.941	0.73	163	1960	104.72	4.04E-47	Upper
115-02	1.372	-1.509	0.98	100	1954	5.01	2.59E-85	Lower
115-02	1.336	-1.546	0.97	102	1954	7.99	9.35E-77	Middle
115-02	1.268	-1.619	0.95	106	1954	10.98	7.42E-71	Upper
116-02	1.326	-1.561	0.98	55	1965	3.21	1.39E-45	Lower
116-02	1.252	-1.641	0.98	57	1965	2.97	2.23E-47	Middle
116-02	1.189	-1.711	0.99	60	1965	1.46	9.88E-58	Upper
116-03	1.483	-1.376	0.97	99	1976	7.91	2.32E-75	Lower
116-03	1.397	-1.467	0.96	100	1976	9.57	2.76E-69	Middle
116-03	1.285	-1.598	0.98	105	1976	4.77	1.15E-85	Upper
117-04	1.199	-0.799	0.80	91	1965	46.06	1.97E-32	Lower
117-04	1.515	-1.351	0.97	89	1965	8.15	4.24E-69	Middle
117-04	1.441	-1.435	0.98	96	1965	6.19	2.20E-79	Upper
118-02	1.496	-1.364	0.97	79	1973	6.34	5.98E-60	Lower
118-02	1.464	-1.397	0.96	80	1973	8.38	4.91E-56	Middle
118-02	1.380	-1.481	0.93	85	1973	12.96	1.83E-50	Upper
118-03	1.528	-1.246	0.96	104	1984	10.39	2.08E-72	Lower
118-03	1.475	-1.383	0.97	100	1984	5.73	4.21E-80	Middle
118-03	1.378	-1.483	0.97	110	1984	7.21	4.18E-81	Upper
119-01	1.327	-1.551	0.96	93	1964	7.45	1.09E-66	Lower
119-01	1.257	-1.626	0.95	94	1964	9.67	4.56E-61	Middle
119-01	1.192	-1.701	0.97	99	1964	5.64	2.35E-73	Upper
119-02	1.348	-1.536	0.98	139	1955	5.57	2.80E-121	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
119-02	1.278	-1.610	0.97	136	1955	8.06	5.87E-105	Middle
119-02	1.186	-1.711	0.97	145	1955	8.58	8.52E-107	Upper
120-01	0.761	-0.139	0.88	94	1986	7.07	4.63E-44	Lower
120-01	1.381	-1.000	0.85	91	1986	29.47	1.67E-38	Middle
120-01	1.464	-1.380	0.96	100	1986	7.91	1.96E-71	Upper
121-01	0.595	0.050	0.73	172	1991	14.73	8.02E-50	Lower
121-01	0.515	-0.024	0.60	179	1991	20.54	7.25E-37	Middle
121-02	1.410	-1.425	0.96	49	1956	4.66	1.16E-34	Lower
121-02	1.357	-1.488	0.95	51	1956	5.79	6.23E-34	Middle
121-02	1.279	-1.546	0.92	60	1975	8.62	2.98E-34	Upper
123-01	1.089	-0.832	0.80	129	1977	39.67	7.46E-46	Lower
123-01	1.422	-1.435	0.96	130	1977	11.45	1.54E-90	Middle
123-01	1.332	-1.535	0.96	140	1981	9.21	2.73E-101	Upper
123-02	1.218	-1.172	0.85	11	1981	3.71	5.89E-05	Lower
123-02	1.415	-1.449	0.97	10	1981	0.81	3.97E-07	Middle
123-02	1.335	-1.544	0.98	16	1981	0.66	2.16E-13	Upper
123-03	1.058	-0.924	0.75	62	1981	29.38	1.02E-19	Lower
123-03	1.364	-1.503	0.95	62	1981	6.82	5.38E-42	Middle
123-03	1.314	-1.565	0.98	68	1981	3.68	7.71E-55	Upper
123-04	1.877	-1.545	0.77	19	1976	11.82	8.76E-07	Middle
123-04	1.791	-1.611	0.76	22	1976	13.46	1.54E-07	Upper
125-03	0.685	-0.195	0.84	247	1979	23.11	1.32E-98	Lower
125-03	1.438	-1.618	0.80	260	1982	134.16	2.28E-92	Upper
126-02	0.716	-0.202	0.92	178	1979	6.74	3.79E-100	Lower
126-02	0.664	-0.255	0.89	179	1979	8.70	1.47E-86	Middle
126-02	0.873	-0.766	0.70	184	1979	52.58	7.07E-50	Upper
126-03	1.661	-1.504	0.70	118	1990	92.11	4.36E-32	Middle
126-03	1.601	-1.553	0.70	121	1990	88.58	5.64E-33	Upper
127-03	0.905	0.039	0.93	39	1982	2.11	4.76E-23	Lower
127-03	0.829	-0.073	0.91	41	1982	2.60	8.16E-22	Middle
127-03	0.866	-0.310	0.76	45	1982	9.29	6.99E-15	Upper
127-04	0.750	0.000	0.87	108	1982	7.70	1.49E-49	Lower
127-04	0.920	-0.334	0.67	109	1982	39.10	1.14E-27	Middle
127-04	1.594	-1.094	0.87	114	1982	36.59	2.19E-52	Upper
127-05	1.440	-1.374	0.96	179	1976	19.13	2.80E-121	Lower
127-05	1.373	-1.494	0.96	176	1977	14.93	1.22E-124	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
127-05	1.290	-1.589	0.97	190	1976	9.37	1.68E-149	Upper
128-02	0.834	-0.478	0.78	27	1963	5.46	8.52E-10	Lower
128-02	1.362	-1.506	0.96	26	1963	1.98	6.71E-18	Middle
128-02	1.298	-1.576	0.94	33	1963	3.71	1.81E-20	Upper
128-03	0.810	-0.089	0.89	183	1983	14.01	1.96E-88	Lower
128-03	1.643	-1.062	0.93	185	1985	33.04	6.13E-110	Middle
128-03	1.538	-1.404	0.83	193	1983	86.12	1.27E-75	Upper
130-02	0.922	0.069	0.98	144	1975	2.56	5.27E-121	Lower
130-02	1.449	-0.569	0.82	146	1975	65.78	2.29E-55	Middle
130-02	1.684	-1.050	0.95	149	1975	22.84	6.12E-96	Upper
131-01	0.490	0.134	0.60	169	1992	22.88	3.16E-35	Lower
131-01	0.609	-0.197	0.70	173	1992	22.92	4.30E-46	Middle
131-01	1.137	-1.055	0.76	182	1986	62.33	3.48E-57	Upper
131-04	0.867	-0.033	0.95	67	1977	2.25	5.75E-45	Lower
131-04	1.169	-0.536	0.79	67	1977	22.81	2.05E-23	Middle
131-04	1.599	-1.413	0.81	73	1977	39.24	2.68E-27	Upper
132-07	1.513	-1.716	0.84	56	1968	28.09	6.17E-23	Lower
132-07	1.524	-1.724	0.84	60	1968	29.87	6.54E-25	Middle
132-07	1.417	-1.802	0.84	61	1968	26.90	4.92E-25	Upper
134-02	1.407	-0.660	0.79	84	1979	34.56	1.23E-29	Lower
134-02	1.710	-1.115	0.98	81	1980	3.64	1.18E-69	Middle
134-02	1.643	-1.189	0.98	88	1980	3.57	5.82E-76	Upper
134-03	1.581	-1.273	0.98	68	1982	4.31	1.80E-56	Lower
134-03	1.494	-1.364	0.97	71	1982	6.35	2.35E-52	Middle
134-03	1.394	-1.472	0.96	74	1982	6.45	1.74E-52	Upper
134-04	0.775	-0.131	0.90	124	1985	8.03	4.35E-62	Lower
134-04	1.238	-0.836	0.81	126	1985	43.81	3.55E-46	Middle
134-04	1.514	-1.318	0.94	129	1985	18.62	4.83E-78	Upper
135-01	1.332	-1.555	0.98	82	1959	4.49	3.86E-68	Lower
135-01	1.269	-1.621	0.96	84	1959	7.41	4.77E-59	Middle
135-01	1.172	-1.729	0.98	88	1959	3.11	3.49E-76	Upper
135-02	0.692	-0.087	0.85	77	1985	5.30	2.11E-32	Lower
135-02	0.695	-0.203	0.88	78	1985	4.21	3.14E-36	Middle
135-02	1.490	-1.331	0.94	83	1985	8.59	1.19E-52	Upper
136-01	1.342	-1.832	0.78	118	1964	62.34	5.88E-40	Lower
136-01	1.269	-1.936	0.80	115	1964	47.10	1.30E-41	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
136-01	1.171	-2.022	0.80	122	1964	43.13	4.68E-44	Upper
136-02	1.599	-1.503	0.91	136	1964	43.90	4.94E-71	Lower
136-02	1.527	-1.562	0.90	135	1964	44.78	1.09E-67	Middle
136-02	1.458	-1.634	0.89	144	1982	48.82	1.43E-68	Upper
137-01	0.773	-0.103	0.87	199	1987	13.83	3.27E-89	Lower
137-01	0.715	-0.148	0.79	200	1987	20.53	2.32E-69	Middle
137-01	0.674	-0.231	0.69	205	1987	32.04	6.29E-54	Upper
137-02	0.825	-0.084	0.84	112	1978	17.87	3.51E-46	Lower
137-02	1.418	-1.135	0.88	115	1978	39.73	5.10E-54	Middle
137-02	1.482	-1.375	0.94	118	1978	19.20	1.55E-74	Upper
137-03	1.176	-1.315	0.87	72	1960	21.81	1.51E-32	Lower
137-03	1.261	-1.622	0.95	71	1960	9.05	1.60E-45	Middle
137-03	1.195	-1.697	0.96	83	1960	6.85	4.94E-58	Upper
138-01	1.505	-1.360	0.97	12	1965	1.22	1.19E-08	Lower
138-01	1.368	-1.509	0.95	12	1965	1.50	7.46E-08	Middle
138-01	1.317	-1.562	0.95	17	1965	1.99	5.32E-11	Upper
138-02	1.226	-1.677	1.00	64	1961	0.44	4.23E-81	Lower
138-02	1.164	-1.743	1.00	65	1961	0.12	1.09E-98	Middle
138-02	1.132	-1.778	1.00	69	1961	0.08	1.78E-111	Upper
138-03	1.334	-1.551	0.98	79	1965	4.72	2.13E-64	Lower
138-03	1.271	-1.617	0.97	80	1964	6.20	3.09E-59	Middle
138-03	1.215	-1.678	0.96	88	1964	7.48	2.75E-61	Upper
138-04	1.610	-1.520	0.87	56	1973	24.42	6.19E-26	Lower
138-04	1.620	-1.511	0.87	57	1973	24.82	2.20E-26	Middle
138-04	1.534	-1.597	0.87	62	1973	26.10	7.52E-28	Upper
138-30	0.839	-0.249	0.57	85	1974	34.73	7.39E-17	Lower
138-30	1.606	-1.199	0.78	84	1974	47.06	2.38E-28	Middle
138-30	1.462	-1.665	0.75	90	1974	50.78	6.52E-28	Upper
143-01	0.678	-0.161	0.75	109	1987	13.51	5.69E-34	Lower
143-01	0.630	-0.238	0.67	113	1988	16.46	8.19E-29	Middle
143-01	0.634	-0.374	0.56	120	1988	28.93	4.61E-23	Upper
143-02	0.721	-0.105	0.86	118	1983	7.47	3.90E-52	Lower
143-02	0.695	-0.206	0.88	114	1983	5.88	5.75E-53	Middle
143-02	0.610	-0.279	0.73	124	1983	13.49	4.39E-36	Upper
143-04	0.910	-0.262	0.79	108	1986	27.18	3.74E-38	Lower
143-04	1.631	-1.201	0.97	106	1986	9.33	3.86E-83	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
143-04	1.506	-1.325	0.96	115	1979	12.14	1.06E-81	Upper
143-05	1.001	-0.382	0.74	85	1979	26.87	8.04E-26	Lower
143-05	1.615	-1.087	0.92	87	1979	16.58	5.72E-49	Middle
143-05	1.485	-1.217	0.91	93	1977	17.96	3.15E-49	Upper
146-01	0.771	-0.165	0.94	32	1978	2.01	1.07E-19	Lower
146-01	0.892	-0.494	0.78	36	1962	12.84	1.06E-12	Middle
146-01	1.393	-1.421	0.93	40	1962	8.37	1.15E-23	Upper
149-01	1.527	-1.646	0.77	35	1973	25.45	4.11E-12	Lower
149-01	1.474	-1.714	0.76	34	1973	24.00	1.60E-11	Middle
149-01	1.463	-1.714	0.76	41	1973	27.93	9.74E-14	Upper
149-02	0.588	-0.299	0.78	41	1982	4.41	1.45E-14	Lower
149-02	0.624	-0.485	0.64	41	1982	9.46	3.60E-10	Middle
149-02	1.253	-1.494	0.87	52	1982	12.46	3.56E-24	Upper
149-04	0.750	0.172	0.89	202	1967	10.64	3.02E-99	Lower
149-04	0.797	-0.099	0.58	205	1986	74.57	4.74E-40	Middle
149-04	1.643	-1.276	0.73	215	1986	171.40	8.76E-62	Upper
149-30	1.217	-1.685	0.99	14	1943	0.23	1.81E-14	Lower
149-30	1.167	-1.737	0.98	18	1943	0.70	1.56E-15	Middle
149-30	1.098	-1.813	0.99	20	1943	0.25	5.27E-21	Upper
150-02	0.814	-0.322	0.74	53	1988	12.69	1.45E-16	Lower
150-02	1.532	-1.276	0.94	53	1988	8.30	2.41E-32	Middle
150-02	1.433	-1.398	0.95	63	1976	6.42	5.84E-42	Upper
152-01	0.676	-0.241	0.88	124	1980	6.53	5.51E-59	Lower
152-01	0.995	-0.804	0.75	123	1980	35.08	9.50E-39	Middle
152-01	1.351	-1.499	0.94	130	1980	12.92	8.47E-81	Upper
153-01	1.390	-1.253	0.55	83	1987	117.19	1.29E-15	Middle
153-01	1.594	-1.587	0.71	86	1987	78.12	2.77E-24	Upper
155-03	0.765	-0.071	0.85	137	1988	11.53	2.52E-57	Lower
155-03	0.686	-0.185	0.80	135	1988	12.71	2.54E-48	Middle
155-03	1.235	-0.999	0.78	146	1988	51.19	1.30E-48	Upper
160-01	0.705	-0.209	0.83	34	1979	3.78	6.47E-14	Lower
160-01	1.229	-1.129	0.83	35	1979	11.09	3.98E-14	Middle
160-01	1.357	-1.499	0.94	40	1979	5.32	2.30E-24	Upper
160-02	0.684	-0.227	0.80	95	1977	10.03	2.06E-34	Lower
160-02	1.242	-1.177	0.85	94	1977	22.70	3.03E-40	Middle
160-02	1.340	-1.517	0.93	101	1977	11.53	2.35E-60	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
161-09	0.614	0.269	0.83	29	1983	2.06	8.07E-12	Lower
161-09	0.982	-0.241	0.65	29	1983	13.89	1.30E-07	Middle
161-09	1.554	-1.241	0.78	35	1983	21.30	1.82E-12	Upper
162-01	0.500	-0.046	0.67	81	1991	9.24	1.24E-20	Lower
162-01	1.138	-0.928	0.72	84	1991	37.95	1.44E-24	Middle
162-01	1.350	-1.322	0.86	92	1974	23.30	8.51E-41	Upper
163-01	1.367	-1.342	0.94	121	1958	17.38	1.20E-73	Lower
163-01	1.375	-1.501	0.97	123	1958	9.50	4.01E-91	Middle
163-01	1.283	-1.600	0.95	127	1958	12.11	2.19E-84	Upper
163-02	1.524	-1.720	0.92	69	1953	22.49	9.92E-38	Lower
163-02	1.466	-1.784	0.91	71	1953	22.14	4.87E-38	Middle
163-02	1.420	-1.792	0.90	77	1953	23.98	4.79E-40	Upper
164-02	0.745	-0.113	0.82	215	1990	25.18	5.01E-82	Lower
164-02	0.831	-0.381	0.72	210	1980	55.88	3.60E-59	Middle
164-02	1.424	-1.398	0.93	230	1981	34.41	5.70E-132	Upper
164-03	0.749	-0.126	0.88	121	1979	7.37	9.81E-57	Lower
164-03	0.712	-0.188	0.86	117	1986	7.59	5.24E-51	Middle
164-03	1.088	-0.874	0.75	132	1986	41.25	1.35E-40	Upper
164-04	1.046	-0.626	0.77	96	1982	31.95	7.66E-32	Lower
164-04	1.511	-1.352	0.96	94	1988	8.16	1.53E-68	Middle
164-04	1.418	-1.447	0.97	106	1988	7.48	7.22E-78	Upper
165-01	0.865	-0.032	0.97	116	1985	2.67	1.85E-85	Lower
165-01	0.817	-0.095	0.96	112	1983	2.86	1.33E-77	Middle
165-01	1.373	-1.115	0.64	122	1983	111.76	2.19E-28	Upper
165-02	0.713	-0.116	0.87	132	1983	9.67	7.29E-60	Lower
165-02	0.795	-0.342	0.74	129	1983	28.32	2.95E-39	Middle
165-02	1.408	-1.224	0.87	143	1976	39.01	3.07E-65	Upper
165-03	1.255	-1.033	0.86	81	1973	23.03	6.44E-36	Lower
165-03	1.431	-1.439	0.96	78	1973	7.48	1.46E-55	Middle
165-03	1.366	-1.504	0.94	86	1973	12.00	1.49E-52	Upper
166-03	1.439	-1.096	0.74	141	1991	96.86	5.53E-42	Lower
166-03	1.459	-1.608	0.78	138	1991	78.79	6.86E-46	Middle
166-03	1.416	-1.662	0.77	149	1985	80.48	4.85E-49	Upper
166-04	1.302	-1.587	0.98	72	1954	4.09	6.28E-59	Lower
166-04	1.222	-1.671	0.96	73	1954	5.70	2.20E-52	Middle
166-04	1.143	-1.762	0.99	78	1954	2.12	2.59E-71	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
166-05	0.911	0.153	0.92	82	1972	2.59	1.27E-45	Lower
167-04	0.587	-0.276	0.81	140	1979	16.01	7.65E-51	Lower
167-04	1.221	-1.383	0.86	140	1979	46.41	1.16E-60	Middle
167-04	1.191	-1.518	0.88	150	1958	39.50	2.39E-69	Upper
168-01	0.873	-0.070	0.82	157	1983	23.44	3.32E-59	Lower
168-01	1.785	-1.048	0.95	155	1995	21.22	5.04E-104	Middle
168-01	1.613	-1.227	0.93	165	1985	27.79	1.06E-96	Upper
168-02	0.901	-0.187	0.85	201	1984	23.21	2.22E-83	Lower
168-02	1.699	-1.294	0.81	202	1984	108.58	5.14E-74	Middle
168-02	1.546	-1.588	0.74	207	1984	136.36	4.14E-62	Upper
171-04	1.385	-1.500	0.99	41	1952	1.29	2.11E-39	Lower
171-04	1.345	-1.540	0.98	42	1960	2.18	1.66E-35	Middle
171-04	1.244	-1.648	0.96	50	1960	3.98	6.98E-36	Upper
172-30	0.680	-0.103	0.87	79	1970	7.14	2.31E-35	Lower
172-30	1.464	-1.192	0.89	80	1970	25.19	7.90E-40	Middle
172-30	1.304	-1.855	0.78	84	1970	49.87	5.46E-29	Upper
175-01	1.346	-1.288	0.92	23	1963	5.50	3.76E-13	Lower
175-01	1.387	-1.492	0.97	23	1963	1.80	5.82E-18	Middle
175-01	1.240	-1.654	0.97	29	1963	1.71	3.77E-23	Upper
175-02	0.890	-0.352	0.51	193	1994	119.13	1.37E-31	Middle
175-02	1.546	-1.526	0.77	205	1976	113.30	1.24E-67	Upper
176-01	0.929	-0.782	0.72	145	1955	71.21	2.06E-41	Lower
176-01	1.219	-1.395	0.87	148	1955	48.12	1.46E-66	Middle
176-01	1.169	-1.653	0.87	155	1962	44.90	3.74E-70	Upper
176-03	1.299	-1.888	0.80	16	1960	7.12	3.23E-06	Lower
176-03	1.218	-1.892	0.82	15	1960	5.25	2.96E-06	Middle
176-03	1.230	-1.949	0.81	21	1960	8.50	2.91E-08	Upper
178-01	0.637	-0.042	0.77	215	1991	25.44	8.09E-70	Lower
178-01	0.948	-0.579	0.67	222	1985	94.11	4.23E-55	Middle
178-01	1.387	-1.337	0.88	230	1974	58.99	1.45E-105	Upper
179-01	1.726	-1.133	1.00	49	1976	0.56	1.61E-57	Lower
179-01	1.650	-1.211	1.00	52	1976	0.58	2.45E-60	Middle
179-01	1.599	-1.265	0.99	53	1976	0.70	6.03E-59	Upper
180-01	0.893	0.134	0.96	237	1979	6.93	5.57E-166	Lower
180-01	0.879	-0.039	0.96	235	1979	6.13	2.25E-168	Middle
180-01	1.109	-0.649	0.58	243	1979	187.03	1.83E-47	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
181-01	1.279	-1.617	0.99	88	1965	1.17	5.04E-99	Lower
181-01	1.208	-1.694	1.00	87	1965	0.37	1.48E-116	Middle
181-01	1.161	-1.746	1.00	93	1965	0.29	3.16E-129	Upper
182-01	0.828	0.019	0.87	199	1994	23.17	1.51E-88	Lower
182-01	0.863	-0.195	0.81	198	1976	38.11	5.33E-73	Middle
182-01	1.514	-1.298	0.93	216	1976	43.50	2.38E-122	Upper
183-02	0.623	-0.195	0.87	15	1953	1.03	4.42E-07	Lower
183-02	1.365	-0.989	0.81	18	1953	7.71	3.46E-07	Middle
183-02	1.344	-1.638	0.79	21	1953	11.39	8.50E-08	Upper
184-01	0.848	0.086	0.94	182	1982	6.61	3.26E-113	Lower
184-01	0.895	-0.218	0.78	182	1982	34.46	2.62E-60	Middle
184-01	1.650	-1.308	0.82	188	1982	92.17	4.79E-71	Upper
185-02	0.760	0.181	0.88	69	1985	4.11	3.54E-33	Lower
185-02	1.868	-1.322	0.82	75	1985	43.86	3.35E-29	Upper
185-03	0.833	-0.019	0.95	241	1985	6.15	7.71E-162	Lower
185-03	0.780	-0.117	0.93	240	1985	8.80	5.08E-137	Middle
185-03	1.022	-0.640	0.52	247	1985	177.59	1.90E-41	Upper
186-01	0.832	-0.025	0.88	132	1986	11.44	2.25E-61	Lower
186-01	0.751	-0.128	0.82	133	1986	15.43	6.83E-50	Middle
186-01	1.259	-0.874	0.77	141	1986	59.21	3.55E-46	Upper
186-04	0.753	-0.122	0.85	121	1983	11.63	1.11E-51	Lower
186-04	0.699	-0.206	0.82	117	1983	12.76	4.30E-45	Middle
186-04	0.787	-0.461	0.66	130	1983	40.81	1.13E-31	Upper
186-30	0.713	-0.203	0.89	110	1980	7.07	4.57E-53	Lower
186-30	0.637	-0.280	0.81	110	1980	10.70	8.26E-41	Middle
186-30	1.338	-1.365	0.90	116	1980	23.26	1.95E-58	Upper
188-01	0.649	0.076	0.81	8	1990	0.65	2.30E-03	Lower
188-01	0.931	-0.446	0.65	14	1990	4.82	4.95E-04	Upper
189-01	1.318	-1.267	0.59	267	1982	308.69	1.38E-52	Lower
189-01	1.417	-1.716	0.70	267	1982	212.13	6.42E-72	Middle
189-01	1.338	-1.785	0.70	275	1982	194.20	2.60E-74	Upper
191-01	0.849	0.167	0.90	119	1991	6.83	9.76E-61	Lower
191-01	1.752	-0.750	0.88	119	1991	36.63	2.77E-55	Middle
191-01	1.842	-0.987	0.96	124	1991	12.63	2.79E-87	Upper
191-02	0.878	0.126	0.90	160	1987	11.47	2.90E-82	Lower
191-02	0.895	0.013	0.89	162	1987	14.26	3.27E-78	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
191-02	0.844	-0.077	0.81	165	1987	24.16	1.72E-60	Upper
191-03	1.549	-1.659	0.72	72	1985	66.76	3.56E-21	Middle
191-03	1.464	-1.725	0.72	80	1975	66.07	1.76E-23	Upper
192-02	0.609	0.052	0.74	146	1990	13.89	2.30E-43	Lower
192-02	0.514	-0.080	0.66	145	1990	14.27	5.21E-35	Middle
192-02	1.480	-1.252	0.87	152	1990	34.05	2.65E-69	Upper
193-31	0.789	-0.042	0.90	26	1995	1.10	1.16E-13	Lower
193-31	1.602	-1.078	0.71	28	1995	18.56	1.51E-08	Middle
193-31	1.228	-2.068	0.51	31	1995	31.54	6.20E-06	Upper
194-07	0.848	-0.064	0.82	7	1984	1.07	4.98E-03	Upper
195-01	1.408	-0.534	0.84	101	1976	55.07	9.46E-41	Lower
195-01	1.746	-1.116	1.00	100	1976	0.48	1.09E-146	Middle
195-01	1.688	-1.178	1.00	104	1976	0.55	8.46E-149	Upper
195-30	1.634	-1.453	0.62	40	1994	38.83	1.78E-09	Upper
197-02	0.660	0.132	0.82	22	1992	1.90	6.24E-09	Lower
197-02	1.181	-0.562	0.75	24	1978	10.43	4.40E-08	Middle
197-02	1.482	-1.114	0.85	33	1978	9.78	2.42E-14	Upper
197-03	0.395	0.384	0.52	201	1976	16.77	2.15E-33	Lower
197-03	0.490	0.180	0.66	201	1976	14.04	1.10E-48	Middle
197-04	0.769	0.425	0.83	210	1993	18.53	5.27E-83	Lower
197-04	1.251	-0.252	0.75	211	1991	82.36	9.46E-65	Middle
197-04	1.572	-1.602	0.60	219	1991	274.09	5.99E-45	Upper
197-30	0.863	0.006	0.95	43	1961	0.99	5.48E-29	Lower
197-30	0.812	-0.078	0.96	41	1961	0.77	3.46E-28	Middle
197-30	0.748	-0.139	0.92	47	1961	1.51	5.68E-26	Upper
198-01	1.276	-0.820	0.54	36	1981	39.82	3.12E-07	Lower
198-01	1.839	-1.318	0.85	35	1981	17.42	5.38E-15	Middle
198-01	1.732	-1.469	0.83	42	1981	20.89	7.92E-17	Upper
198-04	1.887	-1.246	0.77	150	1991	119.69	9.53E-49	Upper
202-01	0.735	0.326	0.85	120	1992	7.38	3.10E-51	Lower
202-01	0.854	0.050	0.89	119	1992	7.37	1.51E-57	Middle
202-01	1.522	-0.755	0.73	128	1992	75.90	1.47E-37	Upper
202-02	0.509	0.333	0.65	48	1995	3.88	3.98E-12	Lower
202-02	0.497	0.234	0.64	50	1995	4.25	4.37E-12	Middle
202-02	0.550	-0.026	0.65	53	1995	4.98	2.55E-13	Upper
202-03	1.254	-0.972	0.85	83	1979	30.76	2.71E-35	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
202-03	1.447	-1.393	0.96	89	1979	9.91	8.44E-63	Middle
202-03	1.317	-1.538	0.96	92	1979	8.41	1.56E-65	Upper
203-02	1.330	-0.539	0.76	15	1987	6.36	2.52E-05	Lower
203-02	1.660	-1.236	0.79	13	1987	6.38	4.31E-05	Middle
203-02	1.552	-1.613	0.66	20	1987	17.92	1.37E-05	Upper
203-03	1.471	-0.524	0.82	15	1980	7.26	3.78E-06	Lower
203-03	1.529	-1.595	0.69	15	1980	14.14	1.22E-04	Middle
203-03	1.491	-1.715	0.73	20	1980	15.88	1.37E-06	Upper
205-01	0.635	-0.198	0.72	147	1977	29.03	1.26E-41	Lower
205-01	1.321	-1.421	0.89	148	1958	41.40	5.12E-71	Middle
205-01	1.264	-1.466	0.87	161	1958	47.35	2.02E-71	Upper
205-03	0.780	-0.090	0.89	17	1988	0.82	9.93E-09	Lower
205-03	0.716	-0.141	0.85	13	1988	0.74	7.68E-06	Middle
205-03	0.909	-0.440	0.72	23	1988	4.82	2.67E-07	Upper
207-03	0.903	-0.121	0.82	86	1981	13.70	5.82E-33	Lower
207-03	1.683	-0.996	0.90	87	1981	25.63	2.10E-43	Middle
207-03	1.385	-1.687	0.67	93	1956	77.75	7.30E-24	Upper
207-04	0.867	-0.020	0.94	54	1956	1.58	6.12E-34	Lower
207-04	0.778	-0.115	0.92	52	1956	1.80	5.00E-29	Middle
207-04	0.916	-0.352	0.71	58	1987	12.67	1.07E-16	Upper
207-05	0.725	-0.146	0.71	23	1982	3.84	4.48E-07	Lower
207-05	0.844	-0.439	0.70	24	1982	6.49	3.29E-07	Middle
207-05	1.414	-1.412	0.92	29	1982	4.04	3.69E-16	Upper
207-06	0.978	0.357	1.00	4	1985	0.00	1.32E-07	Lower
207-06	1.058	0.139	0.98	5	1985	0.07	9.87E-04	Middle
207-06	1.124	-0.447	0.76	7	1985	3.05	1.04E-02	Upper
208-02	1.539	-1.323	0.97	80	1980	8.19	3.03E-60	Lower
208-02	1.502	-1.360	0.96	83	1980	10.14	1.13E-58	Middle
208-02	1.396	-1.481	0.97	85	1980	5.90	3.05E-67	Upper
209-01	1.720	-1.043	0.92	45	1990	8.87	2.99E-25	Lower
209-01	1.638	-1.121	0.90	44	1990	10.48	1.91E-22	Middle
209-01	1.533	-1.247	0.91	50	1990	9.45	3.49E-26	Upper
209-02	1.711	-1.126	0.96	42	1986	5.84	6.92E-30	Lower
209-02	1.631	-1.201	0.95	44	1986	7.45	1.39E-28	Middle
209-02	1.559	-1.275	0.94	50	1979	8.91	1.22E-30	Upper
209-03	0.938	0.011	0.99	91	1986	0.74	7.16E-89	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
209-03	0.892	-0.043	0.99	91	1986	0.84	6.54E-85	Middle
209-03	1.528	-0.778	0.86	98	1986	30.83	2.18E-42	Upper
210-04	0.639	0.122	0.61	82	1990	15.82	4.19E-18	Lower
210-04	1.038	-0.415	0.65	79	1990	33.07	1.96E-19	Middle
210-04	1.552	-1.201	0.90	88	1990	17.01	4.18E-45	Upper
211-01	1.840	-0.947	0.98	55	1979	4.11	3.32E-47	Lower
211-01	1.779	-1.078	1.00	54	1979	0.15	1.55E-82	Middle
211-01	1.673	-1.178	0.99	60	1979	1.21	1.63E-65	Upper
211-04	0.826	-0.319	0.54	90	1992	49.44	1.73E-16	Lower
211-04	1.539	-1.245	0.87	90	1983	28.31	3.25E-41	Middle
211-04	1.471	-1.367	0.85	110	1983	35.73	1.37E-46	Upper
211-05	1.767	-1.306	0.85	7	1978	3.43	3.19E-03	Lower
211-05	1.914	-1.417	0.82	10	1978	6.37	2.86E-04	Middle
211-05	1.754	-1.401	0.84	12	1978	6.20	2.72E-05	Upper
211-30	0.672	0.325	0.87	90	1985	4.75	2.32E-41	Lower
211-30	1.485	-0.485	0.74	88	1978	57.02	1.18E-26	Middle
211-30	1.597	-1.214	0.79	97	1978	53.21	3.99E-34	Upper
211-31	0.502	0.204	0.65	63	1995	5.12	2.24E-15	Lower
211-31	0.498	0.085	0.65	62	1995	4.73	2.97E-15	Middle
212-01	1.339	-1.343	0.92	89	1979	17.45	2.33E-49	Lower
212-01	1.317	-1.537	0.95	92	1979	9.77	1.05E-61	Middle
212-01	1.223	-1.638	0.97	104	1960	6.26	5.04E-77	Upper
213-01	1.272	-0.762	0.79	48	1987	19.98	3.45E-17	Lower
213-01	1.539	-1.217	0.95	50	1987	6.67	2.55E-32	Middle
213-01	1.489	-1.499	0.81	56	1957	26.68	3.60E-21	Upper
213-02	1.704	-1.126	0.97	38	1976	4.52	7.67E-29	Lower
213-02	1.593	-1.251	0.96	37	1976	4.74	8.02E-27	Middle
213-02	1.526	-1.287	0.94	46	1976	8.36	1.12E-28	Upper
213-03	0.880	0.014	0.89	94	1989	7.19	2.53E-45	Lower
213-03	0.828	-0.037	0.86	95	1989	8.33	1.86E-41	Middle
213-03	0.870	-0.301	0.67	100	1989	28.28	1.53E-25	Upper
213-05	1.672	-1.174	0.97	16	1982	1.57	4.01E-12	Lower
213-05	1.606	-1.240	0.96	19	1982	2.65	5.96E-13	Middle
213-05	1.466	-1.384	0.93	21	1982	3.91	2.66E-12	Upper
213-07	1.093	-0.451	0.69	44	1986	21.40	2.25E-12	Lower
213-07	1.611	-1.223	0.87	45	1986	16.59	2.21E-20	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
213-07	1.310	-1.871	0.69	49	1986	34.77	1.30E-13	Upper
214-01	0.573	0.242	0.68	49	1992	4.65	2.39E-13	Lower
214-01	0.516	0.187	0.57	51	1992	5.96	2.00E-10	Middle
214-01	1.265	-0.689	0.73	58	1992	21.76	2.33E-17	Upper
216-02	0.641	-0.143	0.80	59	1987	5.65	1.03E-21	Lower
216-02	1.121	-0.941	0.77	60	1987	19.74	2.65E-20	Middle
216-02	1.381	-1.409	0.93	72	1987	9.04	1.49E-42	Upper
216-03	1.457	-1.581	0.94	14	1947	2.52	1.01E-08	Lower
216-03	1.341	-1.546	0.99	16	1942	0.35	8.72E-16	Middle
216-03	1.330	-1.714	0.91	25	1976	5.30	2.85E-13	Upper
218-01	1.524	-1.202	0.93	30	1979	7.12	7.30E-18	Lower
218-01	1.461	-1.415	0.98	30	1979	1.66	8.84E-26	Middle
218-01	1.305	-1.587	0.99	36	1979	0.64	1.27E-37	Upper
218-30	0.773	-0.129	0.84	24	1982	2.90	2.64E-10	Lower
218-30	0.967	-0.492	0.73	23	1982	8.86	2.26E-07	Middle
218-30	1.473	-1.363	0.94	30	1982	4.60	2.90E-18	Upper
219-05	1.428	-1.459	1.00	6	1985	0.00	9.56E-64	Lower
219-05	1.408	-1.480	1.00	9	1985	0.00	1.20E-16	Upper
220-02	0.908	-0.237	0.52	36	1995	25.83	7.35E-07	Middle
220-02	1.365	-1.032	0.73	49	1976	28.32	3.76E-15	Upper
220-03	1.496	-1.876	0.58	29	1995	33.62	1.67E-06	Middle
220-03	1.522	-1.839	0.61	33	1995	33.42	9.07E-08	Upper
221-30	1.647	-1.211	0.98	8	1980	0.63	3.28E-06	Lower
221-30	1.538	-1.320	0.97	8	1980	0.53	5.71E-06	Middle
221-30	1.435	-1.433	0.97	13	1980	1.12	2.11E-09	Upper
222-02	1.318	-1.577	1.00	9	1971	0.10	1.37E-09	Lower
222-02	1.339	-1.555	1.00	6	1971	0.00	6.37E-64	Middle
222-02	1.203	-1.702	1.00	12	1971	0.00	2.49E-21	Upper
222-03	1.266	-1.608	0.97	81	1955	4.67	2.80E-63	Lower
222-03	1.225	-1.647	0.96	80	1955	5.34	6.09E-58	Middle
222-03	1.162	-1.706	0.96	91	1955	7.34	3.26E-64	Upper
222-04	0.753	0.117	0.87	169	1977	11.50	2.45E-76	Lower
222-04	1.787	-0.788	0.90	165	1986	45.73	1.41E-84	Middle
222-04	1.709	-1.462	0.81	175	1977	96.42	1.23E-64	Upper
223-02	1.326	-1.566	0.99	93	1959	2.24	2.02E-94	Lower
223-02	1.225	-1.676	1.00	95	1959	0.92	1.09E-111	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
223-02	1.143	-1.765	1.00	98	1959	0.49	5.42E-126	Upper
223-03	0.723	0.111	0.94	42	1981	1.33	2.87E-26	Lower
223-03	1.419	-0.641	0.81	40	1981	19.43	3.53E-15	Middle
223-03	1.699	-0.953	0.92	47	1981	11.45	3.24E-26	Upper
223-30	1.513	-0.421	0.73	72	1991	45.47	1.86E-21	Lower
223-30	1.914	-0.917	0.99	74	1991	3.09	1.95E-67	Middle
223-30	1.740	-1.104	0.99	77	1991	2.66	2.02E-70	Upper
224-02	0.916	0.010	0.99	8	1981	0.04	8.14E-08	Lower
224-02	0.915	0.000	1.00	5	1981	0.01	9.94E-05	Middle
224-02	1.645	-1.265	0.82	12	1981	6.82	5.04E-05	Upper
225-01	1.509	-0.932	0.73	79	1955	52.37	2.00E-23	Lower
225-01	1.409	-1.647	0.67	82	1990	63.35	7.76E-21	Middle
225-01	1.387	-1.701	0.66	86	1990	63.64	1.26E-21	Upper
226-01	1.220	-1.954	0.62	67	1983	50.82	3.43E-15	Middle
226-01	1.285	-1.888	0.66	76	1983	56.54	6.06E-19	Upper
226-02	1.775	-0.624	0.77	14	1985	6.59	3.81E-05	Lower
227-01	1.348	-1.547	1.00	48	1974	0.19	1.16E-65	Lower
227-01	1.307	-1.591	1.00	46	1974	0.23	7.19E-60	Middle
227-01	1.244	-1.658	1.00	52	1974	0.16	1.59E-72	Upper
227-02	1.408	-1.478	1.00	27	1974	0.25	5.00E-32	Lower
227-02	1.321	-1.571	1.00	27	1974	0.28	4.40E-31	Middle
227-02	1.239	-1.660	1.00	31	1974	0.16	7.65E-39	Upper
227-04	1.459	-1.436	0.86	111	1984	48.45	8.86E-49	Lower
227-04	1.389	-1.530	0.86	114	1950	45.56	2.44E-49	Middle
227-04	1.305	-1.609	0.87	126	1988	40.47	2.99E-56	Upper
228-07	1.682	-1.214	0.93	31	1982	6.18	1.06E-18	Lower
228-07	1.665	-1.261	0.88	32	1982	11.86	4.17E-15	Middle
228-07	1.550	-1.361	0.88	38	1982	11.50	2.00E-18	Upper
229-01	0.799	0.072	0.96	61	1980	1.43	8.42E-42	Lower
229-01	1.496	-0.519	0.80	60	1980	26.99	8.08E-22	Middle
229-01	1.765	-0.986	0.87	66	1980	24.47	4.79E-30	Upper
229-03	1.482	-1.397	1.00	64	1985	0.80	1.52E-73	Lower
229-03	1.450	-1.435	1.00	65	1985	0.35	6.33E-86	Middle
229-03	1.394	-1.497	1.00	69	1985	0.61	2.39E-82	Upper
230-01	1.610	-1.608	0.79	107	1980	65.96	3.86E-37	Middle
230-01	1.527	-1.665	0.79	114	1979	61.79	2.72E-40	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
230-02	0.860	-0.046	0.95	7	1983	0.19	1.79E-04	Lower
230-02	1.504	-0.666	0.81	8	1983	3.15	2.50E-03	Middle
230-02	1.716	-1.092	0.97	11	1983	0.79	5.42E-08	Upper
230-03	1.608	-1.340	0.78	109	1990	62.57	1.82E-36	Upper
230-04	1.339	-1.545	0.98	116	1960	5.75	6.82E-94	Lower
230-04	1.295	-1.595	0.98	114	1960	3.90	7.52E-100	Middle
230-04	1.228	-1.674	0.99	122	1960	1.61	3.18E-128	Upper
230-05	0.835	-0.529	0.69	96	1993	26.80	1.05E-25	Lower
230-05	1.283	-1.178	0.85	98	1965	24.07	1.58E-41	Middle
230-05	1.359	-1.573	0.77	107	1965	52.44	6.44E-35	Upper
231-01	1.517	-1.356	0.99	74	1975	2.52	1.09E-73	Lower
231-01	1.459	-1.416	0.98	73	1975	4.15	1.06E-63	Middle
231-01	1.320	-1.560	0.98	83	1975	4.84	8.59E-68	Upper
231-02	1.485	-1.367	0.98	62	1988	3.08	1.07E-51	Lower
231-02	1.427	-1.436	0.99	64	1988	1.79	5.20E-60	Middle
231-02	1.382	-1.489	0.99	67	1988	1.22	1.37E-67	Upper
233-01	1.717	-0.696	0.87	133	1991	45.84	1.31E-59	Lower
233-01	1.857	-0.986	0.99	131	1991	2.00	1.16E-146	Middle
233-01	1.755	-1.092	0.99	137	1991	3.03	3.15E-139	Upper
235-01	0.645	0.258	0.81	66	1995	5.04	7.65E-25	Lower
235-01	1.040	-0.239	0.74	66	1995	20.21	3.04E-20	Middle
235-01	1.592	-1.239	0.79	74	1995	40.02	7.68E-26	Upper
236-01	1.846	-1.323	0.84	44	1977	24.27	2.64E-18	Lower
236-01	1.779	-1.398	0.82	41	1977	22.50	2.95E-16	Middle
236-01	1.641	-1.500	0.82	50	1977	24.75	1.46E-19	Upper
236-02	0.592	0.095	0.59	17	1991	2.92	3.16E-04	Lower
236-02	0.532	0.004	0.57	20	1991	3.16	1.32E-04	Middle
237-02	0.752	-0.092	0.84	79	1988	6.90	4.36E-32	Lower
237-02	0.965	-0.515	0.69	79	1988	26.83	1.91E-21	Middle
237-02	1.508	-1.281	0.91	85	1988	14.82	2.10E-45	Upper
238-03	0.978	0.066	0.99	205	1983	2.38	3.40E-192	Lower
238-03	0.919	-0.018	0.99	200	1983	1.62	3.67E-197	Middle
238-03	1.153	-0.437	0.78	212	1983	72.26	3.21E-70	Upper
239-01	0.838	-0.021	0.80	113	1989	14.63	3.99E-41	Lower
239-01	0.726	-0.126	0.73	112	1989	16.16	3.36E-33	Middle
239-01	0.971	-0.572	0.64	118	1989	46.99	1.34E-27	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
241-01	1.564	-1.298	0.98	8	1980	0.38	1.87E-06	Lower
241-01	1.584	-1.280	0.98	8	1980	0.43	1.33E-06	Middle
241-01	1.416	-1.464	0.98	13	1980	0.46	4.42E-11	Upper
241-02	0.756	-0.043	0.92	160	1983	8.23	1.14E-86	Lower
241-02	1.385	-0.870	0.81	162	1983	70.70	8.42E-60	Middle
241-02	1.431	-1.423	0.80	166	1980	81.25	1.27E-59	Upper
248-02	1.376	-0.311	0.57	7	1965	4.82	4.94E-02	Lower
248-02	1.286	-1.613	1.00	7	1965	0.01	1.29E-09	Middle
248-02	1.499	-1.163	0.85	12	1965	4.64	1.73E-05	Upper
249-01	1.107	-1.184	0.57	95	1981	98.75	8.45E-19	Lower
249-01	1.468	-1.693	0.82	98	1995	50.75	1.48E-37	Middle
249-01	1.402	-1.780	0.82	109	1981	50.83	1.55E-41	Upper
252-04	1.163	-1.745	1.00	28	1963	0.01	1.53E-47	Lower
252-04	1.206	-1.698	0.99	25	1963	0.10	1.06E-27	Middle
252-04	1.148	-1.761	1.00	33	1963	0.14	3.66E-42	Upper
253-03	1.409	-1.766	0.76	10	1975	7.22	1.01E-03	Lower
253-03	1.405	-1.884	0.73	12	1975	9.85	3.97E-04	Middle
253-03	1.424	-1.772	0.75	15	1975	11.31	3.03E-05	Upper
254-31	1.821	-1.331	0.79	188	1990	115.07	4.37E-65	Upper
255-01	1.577	-1.658	0.87	12	1976	5.17	8.39E-06	Lower
255-01	1.564	-1.510	0.92	10	1976	2.93	1.46E-05	Middle
255-01	1.484	-1.787	0.86	18	1976	7.15	2.64E-08	Upper
255-02	1.317	-0.972	0.87	45	1975	13.76	8.39E-21	Lower
255-02	1.463	-1.355	0.98	47	1975	2.62	5.76E-39	Middle
255-02	1.430	-1.593	0.90	57	1975	14.19	8.42E-29	Upper
255-30	1.352	-1.792	0.53	10	1994	7.87	1.63E-02	Middle
255-30	1.412	-1.708	0.71	13	1956	8.13	2.72E-04	Upper
256-01	1.454	-1.718	0.59	70	1966	85.58	6.29E-15	Middle
256-01	1.295	-1.848	0.62	74	1986	65.52	1.34E-16	Upper
256-02	0.957	0.046	0.96	44	1985	1.60	5.08E-32	Lower
256-02	1.407	-0.531	0.82	43	1985	21.33	1.25E-16	Middle
256-02	1.803	-1.049	0.99	49	1985	1.46	4.41E-50	Upper
256-07	1.154	-0.310	0.63	86	1977	50.53	8.64E-20	Lower
256-07	1.630	-1.400	0.77	89	1977	55.47	2.51E-29	Middle
256-07	1.526	-1.603	0.76	92	1977	51.03	8.34E-30	Upper
256-08	1.746	-1.046	0.95	70	1992	11.28	1.88E-45	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-08	1.657	-1.132	0.93	73	1992	15.19	4.56E-42	Middle
256-08	1.531	-1.281	0.94	75	1992	11.62	3.74E-45	Upper
256-09	1.476	-1.200	0.57	34	1994	37.50	2.50E-07	Lower
256-09	1.711	-1.727	0.78	28	1994	15.71	3.89E-10	Middle
256-09	1.692	-1.707	0.78	40	1994	21.10	4.70E-14	Upper
256-10	1.198	-0.870	0.59	68	1986	57.02	2.92E-14	Middle
256-10	1.591	-1.601	0.87	78	1977	23.55	2.03E-35	Upper
256-11	0.729	-0.042	0.92	23	1966	0.60	3.75E-13	Lower
256-11	0.865	-0.272	0.70	24	1966	4.50	3.75E-07	Middle
256-11	1.796	-1.525	0.78	28	1966	14.76	4.81E-10	Upper
256-12	1.505	-0.762	0.58	46	1983	65.65	9.59E-10	Lower
256-12	1.600	-1.661	0.63	48	1983	64.89	2.25E-11	Middle
256-12	1.485	-1.734	0.63	50	1983	58.13	8.37E-12	Upper
256-32	1.644	-1.214	0.99	25	1982	1.13	8.95E-23	Lower
256-32	1.574	-1.290	0.98	27	1982	1.34	8.19E-24	Middle
256-32	1.486	-1.380	0.97	30	1982	2.05	1.35E-23	Upper
257-01	1.008	-0.323	0.57	51	1978	22.78	1.53E-10	Lower
257-01	1.901	-1.545	0.77	52	1978	34.42	1.90E-17	Middle
257-01	1.805	-1.606	0.77	56	1978	32.01	8.96E-19	Upper
257-02	0.764	-0.139	0.90	84	1980	5.47	2.00E-42	Lower
257-02	1.072	-0.592	0.77	82	1986	27.10	1.73E-27	Middle
257-02	1.504	-1.307	0.94	94	1980	13.53	5.77E-57	Upper
257-03	1.501	-1.381	1.00	17	1964	0.00	5.25E-237	Lower
257-03	1.461	-1.423	1.00	17	1964	0.01	9.34E-26	Middle
257-03	1.238	-1.663	0.99	20	1986	0.20	3.86E-22	Upper
258-01	1.447	-1.464	0.88	66	1995	23.06	7.52E-31	Lower
258-01	1.398	-1.670	0.89	62	1981	17.34	7.00E-31	Middle
258-01	1.322	-1.751	0.89	74	1981	18.61	5.72E-36	Upper
258-02	1.455	-1.427	1.00	6	1971	0.05	7.05E-06	Lower
258-02	1.411	-1.476	1.00	5	1971	0.02	1.45E-05	Middle
258-02	1.333	-1.467	0.97	13	1971	0.67	1.98E-09	Upper
258-31	1.337	-1.512	0.67	32	1983	32.29	1.11E-08	Middle
258-31	1.457	-1.764	0.75	42	1995	30.32	1.01E-13	Upper
260-09	0.467	0.301	0.70	168	1995	13.01	1.02E-44	Lower
260-09	0.688	-0.050	0.74	173	1995	22.80	7.89E-52	Middle
260-09	0.670	-0.225	0.63	178	1982	37.74	1.58E-39	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
260-10	1.722	-1.725	0.76	91	1994	60.05	1.56E-29	Lower
260-10	1.648	-1.784	0.77	88	1994	52.56	7.00E-29	Middle
260-10	1.578	-1.818	0.76	97	1994	54.61	5.17E-31	Upper
260-11	1.662	-1.572	0.71	64	1994	52.59	3.66E-18	Lower
260-11	1.647	-1.785	0.78	63	1994	35.38	1.10E-21	Middle
260-11	1.622	-1.781	0.78	70	1994	35.76	2.68E-24	Upper
261-06	0.514	0.033	0.59	33	1993	3.17	2.16E-07	Middle
261-06	1.225	-0.890	0.51	39	1993	31.85	3.80E-07	Upper
262-01	1.820	-1.543	0.77	65	1994	36.40	9.60E-22	Upper
263-07	1.476	-1.682	0.88	127	1968	50.01	8.68E-60	Lower
263-07	1.425	-1.809	0.89	127	1968	43.21	1.81E-61	Middle
263-07	1.324	-1.888	0.89	133	1968	37.06	1.12E-65	Upper
264-01	1.207	-1.975	0.70	42	1949	20.23	3.77E-12	Lower
264-01	0.992	-2.166	0.69	38	1960	12.47	1.45E-10	Middle
264-01	1.082	-2.067	0.72	47	1960	19.18	4.49E-14	Upper
264-02	1.304	-1.590	0.99	30	1960	0.80	5.59E-30	Lower
264-02	1.211	-1.690	0.99	30	1960	0.65	3.96E-30	Middle
264-02	1.158	-1.748	1.00	34	1960	0.29	3.81E-40	Upper
264-03	0.772	-0.131	0.92	50	1986	2.22	2.44E-28	Lower
264-03	1.445	-1.018	0.88	47	1986	11.73	2.55E-22	Middle
264-03	1.503	-1.324	0.95	56	1986	5.86	1.14E-36	Upper
264-04	1.680	-1.186	1.00	44	1981	0.11	1.54E-66	Lower
264-04	1.665	-1.202	1.00	44	1981	0.20	2.43E-61	Middle
264-04	1.519	-1.358	0.99	47	1976	1.69	5.37E-44	Upper
266-01	0.516	0.204	0.75	98	1978	8.00	2.49E-30	Lower
266-01	1.534	-0.678	0.75	95	1978	65.08	9.24E-30	Middle
266-01	1.512	-1.020	0.82	113	1978	53.64	1.21E-42	Upper
269-01	0.593	0.024	0.75	106	1990	8.21	2.55E-33	Lower
269-01	0.802	-0.317	0.68	108	1990	21.02	2.60E-28	Middle
269-01	1.496	-1.251	0.92	112	1990	15.09	2.57E-61	Upper
269-09	1.540	-0.731	0.83	134	1957	56.25	1.68E-52	Lower
269-09	1.524	-1.475	0.77	136	1957	83.85	5.02E-44	Middle
269-09	1.395	-1.640	0.73	139	1957	86.71	8.16E-41	Upper
269-10	1.325	-1.695	0.62	85	1963	82.75	3.17E-19	Lower
269-10	1.159	-2.000	0.61	84	1963	63.01	1.39E-18	Middle
269-10	1.136	-2.013	0.63	90	1963	62.55	7.93E-21	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
270-03	0.754	0.030	0.66	40	1992	8.19	2.47E-10	Lower
270-03	1.769	-0.960	0.93	38	1992	6.03	1.26E-22	Middle
270-03	1.629	-1.125	0.93	46	1992	6.22	5.72E-27	Upper
270-04	1.309	-1.701	0.81	34	1958	19.22	3.40E-13	Lower
270-04	1.278	-1.918	0.90	35	1958	9.18	2.55E-18	Middle
270-04	1.208	-2.010	0.89	40	1958	10.42	7.14E-20	Upper
271-01	0.512	0.166	0.75	136	1975	6.69	2.89E-42	Lower
271-01	0.647	-0.081	0.90	136	1975	3.73	1.91E-67	Middle
271-01	1.218	-0.859	0.52	141	1975	110.34	8.91E-24	Upper
271-02	1.385	-1.490	0.71	80	1983	77.22	1.20E-22	Lower
271-02	1.453	-1.762	0.78	79	1966	59.07	7.01E-27	Middle
271-02	1.366	-1.835	0.78	89	1966	55.28	1.27E-30	Upper
271-03	1.268	-1.939	0.80	92	1965	39.57	6.79E-33	Lower
271-03	1.248	-1.951	0.80	95	1965	39.29	1.34E-34	Middle
271-03	1.181	-2.017	0.81	97	1965	35.45	1.10E-35	Upper
273-03	1.782	-1.283	0.83	134	1990	73.45	7.17E-52	Middle
273-03	1.677	-1.415	0.83	147	1981	67.50	5.43E-58	Upper
274-01	0.781	0.299	0.90	215	1986	10.29	2.12E-110	Lower
274-01	0.874	0.104	0.91	210	1986	11.51	8.74E-112	Middle
274-01	1.074	-0.279	0.64	223	1986	106.23	6.68E-51	Upper
274-03	1.461	-1.695	0.70	136	1952	119.28	2.04E-36	Lower
274-03	1.405	-1.743	0.70	137	1952	109.88	5.90E-37	Middle
274-03	1.339	-1.799	0.69	141	1952	106.05	2.28E-37	Upper
275-01	0.548	0.028	0.61	123	1991	17.44	2.39E-26	Lower
275-03	1.257	-0.894	0.79	72	1991	41.39	1.57E-25	Lower
275-03	1.453	-1.354	0.94	76	1991	13.02	4.66E-48	Middle
275-03	1.367	-1.436	0.94	83	1962	14.03	3.11E-50	Upper
276-01	0.685	0.109	0.92	113	1984	4.11	8.19E-62	Lower
276-01	0.787	-0.071	0.91	115	1984	6.24	5.22E-60	Middle
276-01	0.748	-0.178	0.81	119	1984	12.98	2.20E-44	Upper
276-02	1.026	0.134	0.98	61	1980	1.45	8.50E-51	Lower
276-02	1.011	0.059	0.98	59	1980	1.53	1.75E-47	Middle
276-02	1.244	-0.415	0.81	66	1980	24.74	2.10E-24	Upper
276-03	1.056	-0.688	0.62	102	1993	68.43	6.53E-23	Lower
276-03	1.347	-1.514	0.71	99	1993	76.19	1.49E-27	Middle
276-03	1.286	-1.629	0.72	113	1957	70.50	1.38E-32	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
276-04	1.345	-1.420	0.94	82	1967	10.47	2.37E-51	Lower
276-04	1.292	-1.591	0.97	82	1967	4.95	4.24E-63	Middle
276-04	1.209	-1.685	0.98	88	1967	2.50	3.73E-78	Upper
276-05	1.458	-1.705	0.71	98	1970	83.61	1.64E-27	Middle
276-05	1.440	-1.734	0.73	107	1970	84.77	2.78E-31	Upper
278-04	1.201	-1.702	1.00	18	1960	0.10	3.04E-22	Lower
278-04	1.177	-1.728	1.00	17	1960	0.14	1.54E-19	Middle
278-04	1.141	-1.766	1.00	24	1960	0.15	5.41E-29	Upper
278-05	1.767	-1.093	1.00	19	1960	0.02	2.28E-29	Lower
278-05	1.730	-1.130	1.00	20	1960	0.13	2.11E-23	Middle
278-05	1.686	-1.177	1.00	22	1960	0.18	4.17E-25	Upper
278-06	1.234	-1.918	0.69	73	1966	53.48	1.55E-19	Lower
278-06	1.165	-1.972	0.68	74	1966	48.64	9.96E-20	Middle
278-06	1.153	-2.001	0.70	82	1966	51.24	1.25E-22	Upper
278-07	1.252	-1.646	0.99	47	1959	1.24	8.76E-46	Lower
278-07	1.184	-1.720	0.99	50	1959	0.68	1.80E-54	Middle
278-07	1.141	-1.767	0.99	53	1959	0.62	2.87E-58	Upper
279-01	1.552	-0.816	0.87	11	1973	3.23	2.41E-05	Lower
279-01	1.750	-1.086	0.99	13	1973	0.48	1.72E-11	Middle
279-01	1.513	-1.262	0.95	17	1973	1.66	2.33E-11	Upper
279-02	0.876	0.148	0.91	127	1986	8.27	6.97E-67	Lower
279-02	0.848	-0.050	0.92	128	1986	6.76	2.71E-71	Middle
279-03	1.454	-1.425	0.99	7	1970	0.35	9.03E-06	Lower
279-03	1.297	-1.600	1.00	4	1970	0.00	9.88E-33	Middle
279-03	1.316	-1.542	0.95	15	1952	1.69	5.04E-10	Upper
279-04	1.764	-1.468	0.85	12	1986	6.78	2.17E-05	Lower
279-04	1.705	-1.457	0.87	16	1986	6.81	1.19E-07	Middle
279-04	1.642	-1.625	0.84	18	1986	8.44	8.06E-08	Upper
281-01	0.692	-0.196	0.71	29	1978	4.66	8.61E-09	Lower
281-01	0.629	-0.265	0.70	29	1978	4.18	1.83E-08	Middle
281-01	1.227	-1.289	0.84	35	1978	8.04	6.65E-15	Upper
281-02	1.434	-1.431	0.96	34	1972	3.40	2.67E-23	Lower
281-02	1.362	-1.513	0.96	30	1972	2.78	6.51E-21	Middle
281-02	1.272	-1.613	0.97	39	1972	2.03	6.68E-30	Upper
281-03	1.291	-1.848	0.74	165	1950	101.46	6.71E-49	Lower
281-03	1.245	-1.947	0.76	162	1950	76.86	4.77E-52	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
281-03	1.148	-2.029	0.78	173	1950	68.48	1.85E-58	Upper
281-04	0.815	-0.414	0.78	202	1965	38.66	1.68E-68	Lower
281-04	1.390	-1.478	0.96	205	1965	15.26	1.05E-148	Middle
281-04	1.313	-1.560	0.95	208	1965	21.12	4.31E-133	Upper
282-30	1.452	-1.758	0.87	14	1947	5.95	9.69E-07	Lower
282-30	1.366	-1.906	0.87	17	1947	6.99	5.01E-08	Middle
282-30	1.237	-1.977	0.89	19	1947	5.60	1.73E-09	Upper
283-30	1.523	-1.331	0.99	10	1987	0.21	4.21E-09	Lower
283-30	1.507	-1.353	0.99	8	1987	0.14	1.82E-07	Middle
283-30	1.400	-1.454	0.98	16	1987	0.36	3.98E-14	Upper
284-01	1.289	-1.609	1.00	8	1984	0.00	1.83E-13	Upper
284-02	1.737	-1.345	0.75	21	1981	15.68	3.95E-07	Middle
284-02	1.636	-1.413	0.78	24	1981	14.13	9.33E-09	Upper
284-30	1.772	-1.071	1.00	57	1982	0.80	4.62E-67	Lower
284-30	1.753	-1.094	1.00	59	1982	0.50	2.27E-75	Middle
284-30	1.709	-1.145	1.00	61	1982	0.52	3.02E-77	Upper
286-01	1.707	-1.152	0.98	31	1962	0.50	6.82E-28	Lower
286-01	1.721	-1.134	0.98	32	1962	0.65	3.46E-28	Middle
286-01	1.669	-1.189	0.98	34	1962	0.78	1.02E-29	Upper
287-05	1.331	-1.559	0.98	29	1966	1.43	6.16E-26	Lower
287-05	1.247	-1.651	0.99	29	1966	0.82	1.98E-28	Middle
287-05	1.168	-1.735	0.99	38	1958	0.66	4.08E-40	Upper
288-02	1.313	-1.572	0.96	98	1956	9.24	3.75E-71	Lower
288-02	1.253	-1.635	0.94	98	1956	13.69	6.17E-62	Middle
288-02	1.195	-1.700	0.96	104	1956	9.77	2.76E-71	Upper
289-02	1.263	-1.392	0.90	90	1962	26.71	1.57E-45	Lower
289-02	1.288	-1.566	0.95	91	1962	13.40	1.75E-59	Middle
289-02	1.216	-1.619	0.95	98	1962	12.97	2.58E-63	Upper
290-01	1.368	-0.860	0.75	105	1957	67.59	5.92E-33	Lower
290-01	1.529	-1.242	0.92	104	1957	21.88	1.98E-57	Middle
290-01	1.413	-1.360	0.92	113	1957	21.60	1.41E-62	Upper
290-02	1.453	-1.374	0.60	61	1986	59.23	1.81E-13	Lower
290-02	1.501	-1.632	0.72	62	1986	39.36	3.26E-18	Middle
290-02	1.467	-1.638	0.73	67	1986	38.73	3.50E-20	Upper
291-01	0.731	-0.075	0.89	27	1995	0.86	1.58E-13	Lower
291-01	0.667	-0.151	0.87	26	1995	0.67	2.73E-12	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
291-01	1.620	-1.448	0.73	32	1995	15.80	5.71E-10	Upper
291-02	1.263	-2.034	0.60	77	1995	50.87	2.16E-16	Middle
291-02	1.339	-2.003	0.62	90	1994	62.20	2.29E-20	Upper
292-01	1.345	-1.097	0.70	41	1954	35.34	1.29E-11	Lower
292-01	1.374	-1.785	0.70	41	1954	32.77	8.15E-12	Middle
292-01	1.293	-1.866	0.72	47	1954	33.34	4.11E-14	Upper
294-04	1.221	-1.801	0.70	85	1962	48.05	3.93E-23	Lower
294-04	1.171	-1.963	0.80	85	1962	28.63	1.22E-30	Middle
294-04	1.148	-1.978	0.80	95	1962	31.62	9.76E-35	Upper
294-05	1.259	-1.636	0.98	58	1965	2.54	3.04E-52	Lower
294-05	1.209	-1.692	0.99	60	1965	1.42	1.09E-60	Middle
294-05	1.166	-1.739	1.00	64	1965	0.73	2.21E-73	Upper
295-01	0.667	-0.236	0.84	29	1986	2.33	3.45E-12	Lower
295-01	1.342	-1.261	0.90	30	1986	6.09	1.94E-15	Middle
295-01	1.394	-1.444	0.95	35	1986	3.14	3.65E-23	Upper
295-02	0.890	-2.266	0.58	73	1951	37.29	3.42E-15	Upper
295-03	1.528	-1.343	0.99	46	1989	0.68	4.03E-50	Lower
295-03	1.452	-1.417	0.99	49	1989	0.96	2.95E-49	Middle
295-03	1.406	-1.466	0.99	52	1989	1.03	1.99E-51	Upper
295-04	0.874	-0.022	0.97	36	1983	0.47	1.70E-28	Lower
295-04	0.761	-0.147	0.96	38	1983	0.54	1.86E-27	Middle
295-04	1.407	-0.817	0.83	40	1983	10.03	2.44E-16	Upper
296-02	1.341	-1.543	0.98	107	1957	4.62	7.59E-90	Lower
296-02	1.287	-1.597	0.96	105	1957	8.03	1.82E-73	Middle
296-02	1.213	-1.675	0.94	113	1957	11.51	3.13E-70	Upper
296-03	1.249	-1.276	0.90	116	1974	24.15	1.04E-58	Lower
296-03	1.326	-1.533	0.95	117	1954	11.92	3.82E-79	Middle
296-03	1.258	-1.593	0.93	125	1954	18.17	1.23E-71	Upper
297-02	0.657	-0.246	0.81	31	1983	2.88	6.03E-12	Lower
297-02	0.584	-0.321	0.73	34	1983	3.63	1.05E-10	Middle
297-02	0.660	-0.478	0.60	37	1983	9.43	1.61E-08	Upper
297-03	1.239	-1.663	1.00	83	1958	0.70	1.34E-101	Lower
297-03	1.170	-1.739	1.00	85	1958	0.43	9.08E-111	Middle
297-03	1.119	-1.792	1.00	88	1958	0.07	9.54E-149	Upper
298-02	1.442	-1.663	0.72	141	1978	121.88	3.91E-40	Lower
298-02	1.391	-1.794	0.74	144	1978	102.92	9.39E-44	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
298-02	1.308	-1.866	0.74	147	1978	95.16	6.71E-44	Upper
299-02	0.945	-1.008	0.55	147	1988	144.91	7.92E-27	Lower
299-02	1.336	-1.658	0.81	150	1988	83.25	7.92E-56	Middle
299-02	1.269	-1.755	0.82	157	1962	72.76	9.32E-60	Upper
300-01	1.350	-1.527	0.97	121	1962	8.27	1.62E-90	Lower
300-01	1.280	-1.597	0.94	118	1962	13.20	1.45E-73	Middle
300-01	1.226	-1.656	0.93	127	1962	16.52	2.67E-73	Upper
300-02	1.029	-0.644	0.69	77	1965	50.75	1.26E-20	Lower
300-02	1.447	-1.787	0.88	76	1965	29.85	1.06E-35	Middle
300-02	1.374	-1.848	0.88	83	1965	29.61	7.21E-39	Upper
300-03	1.054	-2.095	0.56	29	1986	20.26	3.20E-06	Lower
300-03	1.168	-1.962	0.65	30	1986	19.70	8.70E-08	Middle
300-03	1.085	-2.061	0.60	34	1986	22.60	8.57E-08	Upper
300-30	0.798	-0.111	0.86	35	1977	4.06	1.56E-15	Lower
300-30	0.729	-0.186	0.84	37	1977	4.36	2.48E-15	Middle
300-30	1.195	-1.084	0.82	40	1977	13.23	6.83E-16	Upper
301-02	0.861	-0.005	0.95	170	1986	4.98	5.44E-111	Lower
301-02	0.812	-0.123	0.95	171	1986	4.62	1.15E-110	Middle
301-02	1.386	-1.096	0.58	176	1986	183.12	2.02E-34	Upper
301-03	1.429	-1.151	0.58	121	1986	139.23	5.86E-24	Middle
301-03	1.724	-1.479	0.79	126	1986	75.32	6.72E-44	Upper
302-01	1.463	-1.571	0.54	93	1992	114.24	6.81E-17	Middle
302-01	1.427	-1.608	0.55	99	1992	108.11	1.39E-18	Upper
302-02	1.244	-0.919	0.80	43	1992	17.94	8.08E-16	Lower
302-02	1.511	-1.329	0.97	43	1992	3.13	5.38E-33	Middle
302-02	1.449	-1.382	0.96	49	1992	4.04	3.25E-35	Upper
303-01	0.772	-0.104	0.89	163	1986	9.57	2.02E-78	Lower
303-01	0.723	-0.149	0.85	164	1986	12.06	6.47E-68	Middle
303-01	0.842	-0.437	0.70	169	1986	40.72	5.07E-45	Upper
303-02	1.632	-1.454	0.64	51	1995	50.58	2.45E-12	Lower
303-02	1.578	-1.805	0.64	51	1995	49.05	2.57E-12	Middle
303-02	1.539	-1.823	0.65	56	1995	46.17	6.78E-14	Upper
303-03	1.175	-1.870	0.80	50	1940	24.74	1.19E-18	Lower
303-03	1.138	-2.073	0.87	49	1940	13.76	2.11E-22	Middle
303-03	1.128	-2.026	0.85	56	1940	18.29	3.46E-24	Upper
304-01	0.793	-0.171	0.66	152	1985	41.20	2.54E-37	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
304-01	1.654	-1.554	0.80	158	1985	88.93	3.72E-57	Upper
304-02	0.737	-0.163	0.91	139	1984	5.89	1.33E-73	Lower
304-02	0.680	-0.215	0.85	139	1984	9.18	1.05E-57	Middle
304-02	0.903	-0.630	0.70	145	1984	40.12	4.09E-39	Upper
305-01	1.188	-0.376	0.73	99	1978	45.87	2.11E-29	Lower
305-01	1.747	-1.394	0.84	98	1958	50.59	5.67E-40	Middle
305-01	1.620	-1.510	0.83	109	1978	53.14	5.78E-43	Upper
305-02	0.829	-0.085	0.89	117	1979	12.37	9.14E-57	Lower
305-02	1.127	-0.711	0.78	116	1979	51.77	2.41E-39	Middle
305-02	1.471	-1.380	0.95	124	1979	16.41	2.62E-82	Upper
305-30	0.730	-0.183	0.83	29	1970	3.44	8.01E-12	Lower
305-30	1.088	-0.990	0.78	27	1970	8.74	8.72E-10	Middle
305-30	1.269	-1.609	0.95	35	1970	2.90	1.72E-23	Upper
306-02	1.393	-1.488	0.98	23	1988	0.93	3.79E-19	Lower
306-02	1.419	-1.454	0.97	24	1988	1.51	3.12E-18	Middle
306-02	1.392	-1.484	0.98	28	1988	1.21	1.05E-23	Upper
307-01	1.558	-1.318	1.00	22	1966	0.00	2.67E-37	Middle
307-01	1.552	-1.325	1.00	25	1966	0.03	4.77E-35	Upper
309-03	1.316	-1.568	0.97	48	1958	4.56	1.83E-35	Lower
309-03	1.266	-1.623	0.96	50	1958	5.94	4.98E-34	Middle
309-03	1.192	-1.704	0.97	54	1958	3.81	1.13E-40	Upper
311-01	1.217	-1.052	0.82	166	1956	70.64	5.07E-63	Lower
311-01	1.339	-1.713	0.81	170	1956	92.99	9.80E-63	Middle
311-01	1.254	-1.816	0.81	175	1956	85.74	1.26E-63	Upper
311-02	1.330	-1.554	0.97	106	1965	6.63	5.22E-85	Lower
311-02	1.248	-1.643	0.97	105	1965	6.34	9.24E-83	Middle
311-02	1.181	-1.719	0.99	112	1965	2.38	3.04E-109	Upper
313-30	1.296	-1.598	0.98	98	1957	5.21	2.91E-80	Lower
313-30	1.216	-1.685	0.98	99	1957	4.23	9.52E-83	Middle
313-30	1.152	-1.753	0.99	104	1957	1.90	4.66E-103	Upper
314-01	1.300	-1.595	0.99	69	1958	2.11	2.30E-67	Lower
314-01	1.221	-1.677	0.99	73	1958	2.16	2.30E-69	Middle
314-01	1.159	-1.743	0.99	80	1969	0.97	7.20E-89	Upper
316-01	1.227	-1.674	0.99	7	1960	0.13	2.12E-06	Lower
316-01	1.149	-1.760	1.00	8	1960	0.00	1.21E-12	Middle
316-01	1.156	-1.750	0.99	12	1960	0.19	2.66E-12	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
316-04	1.352	-1.065	0.78	101	1957	57.02	1.56E-34	Lower
316-04	1.396	-1.751	0.75	102	1957	76.07	1.71E-31	Middle
316-04	1.309	-1.816	0.74	107	1957	71.64	2.15E-32	Upper
316-05	1.274	-1.448	0.92	32	1959	7.32	2.86E-18	Lower
316-05	1.297	-1.589	0.96	35	1959	4.43	3.77E-24	Middle
316-05	1.217	-1.677	0.97	38	1959	3.31	8.04E-28	Upper
316-06	0.779	-0.065	0.92	117	1959	6.30	2.10E-64	Lower
316-06	1.412	-0.811	0.79	121	1959	64.67	5.69E-42	Middle
316-06	1.469	-1.295	0.78	123	1959	74.87	4.68E-42	Upper
317-02	1.428	-1.745	0.73	86	1978	55.10	2.80E-25	Middle
317-02	1.325	-1.825	0.75	91	1978	47.56	3.05E-28	Upper
317-03	1.342	-1.873	0.87	52	1957	19.00	3.87E-24	Lower
317-03	1.262	-1.962	0.87	54	1957	17.69	7.70E-25	Middle
317-03	1.200	-2.002	0.88	57	1957	15.62	3.09E-27	Upper
317-04	1.261	-1.632	0.98	61	1954	3.32	1.61E-49	Lower
317-04	1.198	-1.700	0.98	59	1954	2.83	1.91E-48	Middle
317-04	1.132	-1.773	0.99	67	1954	1.19	9.20E-67	Upper
317-05	1.287	-1.598	0.97	49	1956	3.41	5.48E-37	Lower
317-05	1.231	-1.661	0.97	52	1956	3.25	5.94E-39	Middle
317-05	1.164	-1.737	0.98	55	1956	1.54	3.10E-49	Upper
317-06	0.529	-0.043	0.73	105	1959	11.79	1.86E-31	Lower
317-06	1.099	-0.872	0.64	106	1959	80.02	4.11E-25	Middle
317-06	1.249	-1.463	0.73	111	1959	72.30	8.86E-33	Upper
318-01	1.298	-1.912	0.82	68	1959	29.90	6.46E-26	Lower
318-01	1.277	-1.936	0.82	68	1959	29.63	5.55E-26	Middle
318-01	1.170	-2.026	0.83	73	1959	24.10	2.24E-29	Upper
318-02	1.360	-1.521	0.98	91	1959	4.83	1.04E-75	Lower
318-02	1.283	-1.600	0.95	91	1959	9.65	1.36E-60	Middle
318-02	1.207	-1.682	0.94	97	1959	10.75	4.33E-61	Upper
318-03	1.317	-1.568	0.97	20	1959	1.75	7.17E-15	Lower
318-03	1.236	-1.655	0.97	21	1959	1.50	8.20E-16	Middle
318-03	1.161	-1.739	0.98	26	1959	0.90	1.53E-22	Upper
318-04	1.249	-1.649	0.98	62	1957	2.52	2.89E-56	Lower
318-04	1.198	-1.703	0.98	67	1957	3.74	5.19E-55	Middle
318-04	1.149	-1.756	0.99	71	1960	2.11	5.92E-66	Upper
319-01	0.722	-0.200	0.91	122	1980	6.10	5.28E-64	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
319-01	0.656	-0.270	0.86	124	1980	8.59	2.81E-53	Middle
319-01	1.408	-1.449	0.95	130	1980	13.57	3.07E-83	Upper
319-04	1.430	-1.808	0.88	10	1959	4.01	6.25E-05	Lower
319-04	1.349	-1.783	0.92	9	1959	2.14	4.22E-05	Middle
319-04	1.373	-1.905	0.88	15	1959	5.51	2.57E-07	Upper
319-05	0.656	-0.100	0.88	92	1977	5.74	1.40E-42	Lower
319-05	1.465	-1.093	0.86	93	1977	35.18	5.54E-40	Middle
319-05	1.524	-1.605	0.82	98	1977	50.32	1.30E-37	Upper
320-01	1.469	-1.607	0.80	74	1975	45.85	3.68E-27	Lower
320-01	1.475	-1.741	0.86	72	1975	30.48	1.74E-31	Middle
320-01	1.385	-1.825	0.85	80	1975	30.42	2.19E-34	Upper
320-02	1.280	-1.615	0.98	68	1957	3.31	7.54E-61	Lower
320-02	1.204	-1.696	0.98	69	1957	3.24	1.70E-60	Middle
320-02	1.133	-1.775	0.99	74	1957	0.95	7.79E-83	Upper
321-01	0.588	0.240	0.67	217	1990	23.99	1.13E-53	Lower
321-01	0.602	0.069	0.74	218	1990	17.60	3.62E-65	Middle
321-01	0.746	-0.308	0.59	223	1990	55.32	6.21E-45	Upper
321-02	0.701	-0.201	0.80	61	1982	6.20	5.53E-22	Lower
321-02	0.633	-0.266	0.72	57	1982	7.14	1.14E-16	Middle
321-02	0.889	-0.829	0.69	67	1982	19.13	4.00E-18	Upper
321-03	0.662	-0.254	0.85	23	1982	1.62	3.60E-10	Lower
321-03	1.178	-1.022	0.81	26	1982	8.18	4.24E-10	Middle
321-03	1.359	-1.497	0.96	29	1982	1.86	8.05E-21	Upper
321-04	1.155	-0.598	0.71	97	1995	49.11	1.76E-27	Lower
321-04	1.315	-1.980	0.65	97	1995	83.82	1.26E-23	Middle
321-04	1.252	-2.014	0.67	105	1975	78.72	3.14E-26	Upper
322-01	0.617	0.082	0.76	65	1990	4.73	2.66E-21	Lower
322-01	0.574	0.047	0.70	66	1990	5.60	1.70E-18	Middle
322-01	0.611	-0.152	0.66	71	1990	8.43	9.72E-18	Upper
324-02	1.120	-0.617	0.55	89	1989	67.66	9.47E-17	Middle
324-02	1.702	-1.393	0.80	103	1989	52.10	1.77E-37	Upper
325-01	1.114	-0.705	0.76	165	1979	74.28	4.12E-52	Lower
325-01	1.447	-1.324	0.94	165	1979	24.51	2.45E-102	Middle
325-01	1.345	-1.424	0.94	174	1981	24.33	2.08E-104	Upper
326-02	0.899	0.014	0.96	82	1985	2.05	1.23E-59	Lower
326-02	0.871	-0.047	0.97	83	1985	1.82	8.07E-62	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
326-02	1.067	-0.381	0.76	87	1985	26.09	6.11E-28	Upper
328-02	0.870	-0.029	0.94	94	1985	4.00	3.08E-58	Lower
328-02	0.789	-0.127	0.91	95	1985	5.22	3.07E-50	Middle
328-02	1.567	-1.037	0.90	99	1985	23.99	3.30E-50	Upper
328-30	1.343	-1.540	0.97	50	1960	3.65	3.19E-38	Lower
328-30	1.269	-1.620	0.97	48	1960	3.63	1.63E-35	Middle
328-30	1.178	-1.720	0.98	56	1960	2.02	1.31E-47	Upper
329-02	0.858	-0.062	0.95	45	1987	1.73	8.93E-29	Lower
329-02	1.270	-0.566	0.77	44	1987	19.16	6.85E-15	Middle
329-02	1.764	-1.083	0.97	50	1987	3.53	4.66E-40	Upper
329-03	1.681	-1.317	0.69	121	1990	109.39	2.22E-32	Middle
329-03	1.474	-1.522	0.71	124	1990	80.43	1.88E-34	Upper
331-01	0.709	-0.230	0.70	59	1968	14.04	2.46E-16	Lower
331-01	1.459	-1.498	0.81	57	1968	30.87	2.17E-21	Middle
331-01	1.412	-1.647	0.82	70	1968	33.62	1.20E-26	Upper
332-01	1.416	-1.764	0.84	93	1954	49.53	3.14E-38	Lower
332-01	1.349	-1.811	0.83	95	1954	49.10	9.16E-38	Middle
332-01	1.243	-1.918	0.82	100	1954	45.76	8.36E-39	Upper
332-02	1.402	-1.474	0.97	105	1959	8.23	1.65E-78	Lower
332-02	1.329	-1.553	0.97	101	1959	7.80	3.35E-74	Middle
332-02	1.245	-1.641	0.95	111	1959	10.53	4.43E-73	Upper
333-01	0.658	0.040	0.79	90	1983	9.00	1.26E-31	Lower
333-01	0.698	-0.212	0.86	91	1983	6.36	4.13E-40	Middle
333-01	0.907	-0.668	0.69	96	1983	30.32	8.03E-26	Upper
333-02	0.751	-0.172	0.89	50	1979	3.89	1.14E-24	Lower
333-02	1.065	-0.769	0.79	51	1979	18.14	4.82E-18	Middle
333-02	1.387	-1.488	0.96	56	1979	4.29	6.20E-41	Upper
333-03	1.373	-1.482	0.63	125	1979	144.30	3.13E-28	Middle
333-03	1.487	-1.710	0.76	130	1979	95.78	5.66E-41	Upper
334-01	0.861	-0.177	0.57	140	1986	64.31	9.32E-27	Lower
334-01	1.786	-1.393	0.80	146	1986	91.65	1.01E-52	Upper
335-02	1.232	-1.285	0.89	117	1965	26.70	3.63E-57	Lower
335-02	1.280	-1.605	0.96	113	1965	8.48	5.87E-82	Middle
335-02	1.196	-1.698	0.98	123	1965	5.13	1.53E-100	Upper
337-03	0.761	-0.146	0.86	44	1982	3.95	9.20E-20	Lower
337-03	0.671	-0.235	0.80	44	1982	4.49	2.14E-16	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
337-03	0.765	-0.467	0.68	50	1982	13.11	1.70E-13	Upper
337-04	1.377	-1.502	0.97	8	1955	0.61	7.15E-06	Lower
337-04	1.309	-1.570	0.96	9	1955	0.92	5.44E-06	Middle
337-04	1.248	-1.640	0.95	13	1955	1.35	1.40E-08	Upper
338-01	1.154	-0.578	0.70	60	1977	37.74	5.36E-17	Lower
338-01	1.468	-1.415	0.87	60	1977	21.52	1.81E-27	Middle
338-01	1.371	-1.639	0.85	68	1977	26.02	5.96E-29	Upper
339-03	1.369	-1.512	0.98	87	1960	4.43	1.11E-73	Lower
339-03	1.308	-1.576	0.97	89	1960	6.84	2.11E-66	Middle
339-03	1.200	-1.695	0.97	93	1960	4.52	2.42E-74	Upper
340-01	1.513	-0.911	0.86	60	1984	21.38	3.72E-26	Lower
340-01	1.635	-1.194	0.98	56	1984	3.50	2.76E-45	Middle
340-01	1.566	-1.252	0.97	65	1984	4.99	1.55E-48	Upper
340-02	1.304	-0.996	0.85	82	1979	33.38	4.80E-35	Lower
340-02	1.472	-1.374	0.98	88	1978	6.49	6.27E-71	Middle
340-02	1.390	-1.458	0.97	95	1978	6.93	2.37E-74	Upper
341-01	1.409	-1.460	0.97	126	1965	8.95	8.77E-96	Lower
341-01	1.336	-1.534	0.95	125	1965	13.59	8.94E-81	Middle
341-01	1.269	-1.606	0.93	135	1968	16.75	8.34E-81	Upper
341-02	1.157	-1.061	0.83	95	1995	33.22	1.52E-37	Lower
341-02	1.317	-1.416	0.91	97	1962	20.07	4.83E-52	Middle
341-02	1.237	-1.568	0.90	108	1962	20.97	8.28E-56	Upper
344-02	1.008	0.077	0.99	28	1986	0.23	6.05E-28	Lower
344-02	1.465	-0.476	0.81	30	1986	13.13	1.46E-11	Middle
344-02	1.829	-0.945	0.95	36	1986	5.41	6.94E-24	Upper
344-03	0.689	-0.315	0.75	69	1989	9.81	6.93E-22	Lower
344-03	1.452	-1.341	0.94	73	1977	9.65	5.76E-44	Middle
344-03	1.381	-1.419	0.95	80	1989	6.38	8.12E-54	Upper
345-03	1.337	-1.542	0.97	87	1956	6.76	1.01E-67	Lower
345-03	1.292	-1.596	0.97	89	1956	8.04	1.54E-65	Middle
345-03	1.183	-1.684	0.96	95	1956	7.18	5.42E-69	Upper
345-04	0.630	-0.083	0.79	89	1981	10.52	2.40E-31	Lower
345-04	0.588	-0.210	0.73	89	1981	13.06	1.41E-26	Middle
345-04	1.368	-1.209	0.83	100	1981	42.55	1.25E-39	Upper
345-05	1.141	-1.769	1.00	5	1964	0.00	2.16E-49	Lower
345-05	1.251	-1.650	1.00	6	1964	0.00	2.06E-64	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
345-05	1.160	-1.746	1.00	10	1964	0.05	4.44E-12	Upper
346-01	1.187	-1.976	0.78	10	1964	5.02	6.85E-04	Middle
346-01	1.178	-1.988	0.66	16	1964	11.77	1.32E-04	Upper
346-02	1.582	-1.616	0.79	242	1981	153.58	7.33E-83	Upper
347-01	0.888	-0.009	0.97	90	1983	2.34	6.60E-66	Lower
347-01	0.850	-0.058	0.96	86	1983	2.54	2.66E-59	Middle
347-01	0.830	-0.151	0.89	95	1983	7.65	1.69E-45	Upper
348-01	1.344	-1.541	0.98	12	1962	0.51	3.95E-10	Lower
348-01	1.254	-1.636	0.97	11	1962	0.64	6.46E-08	Middle
348-01	1.187	-1.714	0.99	18	1962	0.30	1.48E-17	Upper
348-02	0.813	-0.106	0.97	56	1981	1.06	8.17E-43	Lower
348-02	1.044	-0.464	0.75	55	1981	18.39	1.44E-17	Middle
348-02	1.603	-1.160	0.96	61	1981	6.49	6.21E-42	Upper
349-01	1.245	-1.812	0.64	35	1965	24.39	6.50E-09	Lower
349-01	1.111	-2.059	0.74	33	1965	12.00	1.21E-10	Middle
349-01	1.094	-2.094	0.77	39	1965	13.15	3.10E-13	Upper
349-02	1.092	-0.444	0.75	51	1995	12.11	1.82E-16	Lower
349-02	1.701	-1.506	0.68	55	1995	45.25	9.73E-15	Middle
349-02	1.652	-1.717	0.65	56	1995	49.13	5.46E-14	Upper
349-03	1.323	-1.425	0.89	45	1965	14.18	1.39E-22	Lower
349-03	1.298	-1.705	0.89	46	1965	13.60	8.36E-23	Middle
349-03	1.219	-1.817	0.90	54	1965	13.12	3.21E-27	Upper
350-01	0.772	-0.146	0.84	61	1973	8.57	5.10E-25	Lower
350-01	0.704	-0.217	0.79	63	1973	9.92	2.14E-22	Middle
350-01	1.388	-1.367	0.92	67	1973	13.50	2.50E-37	Upper
350-02	0.788	-0.121	0.90	89	1981	6.96	2.26E-44	Lower
350-02	0.735	-0.175	0.86	87	1981	8.47	1.02E-37	Middle
350-02	1.085	-0.870	0.75	95	1981	39.16	6.76E-30	Upper
350-03	0.809	-0.084	0.95	77	1981	2.54	2.87E-49	Lower
350-03	1.043	-0.393	0.73	74	1985	26.27	2.22E-22	Middle
350-03	1.613	-1.139	0.94	84	1981	12.17	5.87E-52	Upper
351-01	0.771	-0.121	0.82	113	1983	14.92	1.59E-42	Lower
351-01	0.697	-0.201	0.77	110	1983	16.25	3.40E-36	Middle
351-01	1.149	-0.976	0.76	119	1983	47.49	2.50E-38	Upper
352-01	0.729	0.222	0.86	285	1992	14.01	6.39E-125	Lower
352-01	1.502	-0.888	0.52	288	1992	356.41	2.25E-47	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
352-01	1.730	-1.458	0.71	293	1992	217.76	2.72E-79	Upper
354-01	1.015	-0.797	0.67	27	1973	17.78	1.68E-07	Lower
354-01	1.360	-1.588	0.84	29	1973	12.21	2.13E-12	Middle
354-01	1.308	-1.759	0.88	35	1973	10.56	1.80E-16	Upper
354-02	1.448	-1.696	0.88	105	1975	39.33	2.00E-48	Lower
354-02	1.380	-1.756	0.87	107	1975	37.33	5.50E-49	Middle
354-02	1.299	-1.838	0.88	112	1975	31.83	5.13E-53	Upper
354-30	1.550	-1.309	0.97	35	1975	3.66	5.12E-26	Lower
354-30	1.520	-1.339	0.96	33	1975	3.85	2.03E-23	Middle
354-30	1.429	-1.433	0.95	41	1975	5.82	1.96E-26	Upper
355-02	1.323	-1.565	0.98	87	1965	4.35	1.94E-75	Lower
355-02	1.244	-1.650	0.98	89	1965	4.45	5.31E-75	Middle
355-02	1.171	-1.731	0.99	93	1965	1.79	3.23E-94	Upper
355-03	1.250	-1.385	0.84	100	1965	40.43	1.93E-41	Lower
355-03	1.301	-1.661	0.93	100	1965	17.03	1.87E-59	Middle
355-03	1.237	-1.744	0.95	108	1965	12.93	5.03E-69	Upper
357-01	1.692	-1.434	0.83	144	1977	84.03	1.40E-56	Lower
357-01	1.656	-1.491	0.83	144	1977	80.88	2.02E-56	Middle
357-01	1.553	-1.566	0.82	150	1977	76.94	1.09E-57	Upper
357-02	1.708	-1.459	0.79	22	1987	14.36	4.11E-08	Upper
358-02	0.719	-0.176	0.88	144	1985	7.44	6.27E-68	Lower
358-02	0.643	-0.253	0.79	139	1985	11.54	7.75E-49	Middle
358-02	0.681	-0.492	0.61	150	1985	32.95	2.49E-32	Upper
359-01	1.359	-1.516	0.96	49	1967	4.22	1.55E-35	Lower
359-01	1.289	-1.593	0.96	50	1967	3.91	1.35E-36	Middle
359-01	1.200	-1.695	0.98	55	1967	1.63	8.81E-49	Upper
359-02	1.310	-1.274	0.89	52	1966	15.62	1.01E-25	Lower
359-02	1.315	-1.510	0.95	52	1965	7.39	1.72E-33	Middle
359-02	1.270	-1.509	0.92	62	1966	11.40	5.95E-35	Upper
359-05	1.345	-1.537	0.97	116	1959	9.51	3.77E-88	Lower
359-05	1.279	-1.606	0.95	115	1959	15.03	3.51E-74	Middle
359-05	1.227	-1.662	0.94	122	1959	16.41	1.71E-75	Upper
361-01	1.346	-1.306	0.92	37	1968	6.89	5.81E-21	Lower
361-01	1.329	-1.548	0.96	41	1968	3.49	2.75E-29	Middle
361-01	1.242	-1.648	0.98	43	1968	1.92	7.63E-35	Upper
361-02	1.859	-0.947	0.98	5	1973	0.30	1.35E-03	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
361-02	1.697	-1.137	0.97	8	1973	0.56	7.06E-06	Upper
362-01	1.220	-1.678	0.98	54	1945	3.92	1.39E-43	Lower
362-01	1.138	-1.769	0.99	54	1945	1.85	2.23E-50	Middle
362-01	1.095	-1.817	1.00	60	1945	0.68	1.48E-68	Upper
364-02	1.093	-0.845	0.76	52	1983	22.59	2.79E-17	Lower
364-02	1.401	-1.462	0.96	50	1983	4.40	1.57E-36	Middle
364-02	1.321	-1.558	0.99	58	1983	1.32	3.02E-56	Upper
365-01	1.738	-1.033	0.97	86	1977	5.60	3.93E-68	Lower
365-01	1.690	-1.150	0.99	88	1977	1.83	1.60E-89	Middle
365-01	1.622	-1.219	0.99	90	1977	2.68	3.07E-83	Upper
365-02	0.997	-0.703	0.79	23	1964	7.29	1.84E-08	Lower
365-02	1.400	-1.467	0.96	24	1964	2.31	1.07E-16	Middle
365-02	1.340	-1.530	0.94	29	1964	3.72	4.50E-18	Upper
365-03	1.322	-1.555	0.95	119	1964	14.03	1.91E-79	Lower
365-03	1.289	-1.588	0.93	116	1964	18.61	6.42E-69	Middle
365-03	1.243	-1.640	0.93	125	1964	18.75	6.26E-74	Upper
367-01	1.506	-1.689	0.65	67	1982	71.39	1.47E-16	Middle
367-01	1.456	-1.725	0.70	76	1986	65.15	4.75E-21	Upper
368-02	1.415	-1.635	0.94	124	1958	25.95	1.03E-74	Lower
368-02	1.361	-1.693	0.92	127	1958	31.18	2.41E-70	Middle
368-02	1.280	-1.764	0.91	133	1958	32.02	1.99E-70	Upper
368-03	0.792	-0.245	0.55	96	1971	33.43	3.36E-18	Lower
368-03	1.658	-1.236	0.75	101	1971	63.84	9.86E-32	Middle
368-03	1.669	-1.442	0.80	107	1971	51.40	8.17E-39	Upper
369-01	1.444	-1.417	0.97	5	1973	0.30	1.98E-03	Lower
369-01	1.400	-1.461	0.95	9	1973	0.94	6.42E-06	Middle
369-01	1.298	-1.568	0.93	11	1973	1.33	1.81E-06	Upper
369-02	1.420	-1.441	0.96	55	1973	4.83	2.81E-38	Lower
369-02	1.386	-1.476	0.94	54	1973	6.56	2.33E-34	Middle
369-02	1.299	-1.564	0.92	61	1973	9.16	1.12E-33	Upper
370-01	1.125	-1.016	0.83	79	1982	26.74	2.62E-31	Lower
370-01	1.346	-1.485	0.95	81	1965	10.37	1.01E-52	Middle
370-01	1.229	-1.610	0.94	90	1965	9.97	9.86E-57	Upper
370-02	1.331	-1.550	0.97	121	1965	6.99	1.23E-92	Lower
370-02	1.272	-1.607	0.95	121	1965	10.72	6.17E-79	Middle
370-02	1.205	-1.688	0.97	127	1965	6.08	8.69E-97	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
371-01	1.054	-2.128	0.56	66	1952	48.84	4.01E-13	Middle
371-01	1.109	-2.084	0.62	71	1982	51.46	5.98E-16	Upper
371-04	1.294	-1.599	0.98	51	1956	2.20	8.78E-46	Lower
371-04	1.198	-1.705	0.99	49	1956	0.82	1.55E-52	Middle
371-04	1.131	-1.777	1.00	56	1956	0.49	1.85E-65	Upper
372-01	1.459	-0.767	0.55	68	1990	109.05	4.64E-13	Lower
372-01	1.717	-1.428	0.74	66	1980	64.83	3.75E-20	Middle
372-01	1.659	-1.483	0.76	76	1980	59.17	9.07E-25	Upper
372-03	0.839	0.072	0.78	168	1992	25.23	1.42E-56	Lower
372-03	0.783	-0.067	0.78	162	1988	21.92	1.73E-54	Middle
372-03	0.898	-0.381	0.63	179	1988	61.99	2.43E-40	Upper
372-05	0.515	0.191	0.65	70	1992	5.75	4.19E-17	Lower
372-05	0.457	0.153	0.53	72	1992	7.33	3.05E-13	Middle
373-01	1.762	-1.054	0.98	17	1990	1.05	1.36E-13	Lower
373-01	1.696	-1.124	0.97	20	1990	1.35	1.35E-15	Middle
373-01	1.573	-1.258	0.97	22	1990	1.55	4.41E-16	Upper
374-01	1.342	-1.253	0.92	24	1978	4.74	2.49E-13	Lower
374-01	1.360	-1.519	0.98	24	1954	1.15	1.96E-20	Middle
374-01	1.287	-1.565	0.95	39	1979	3.39	1.26E-25	Upper
374-02	0.587	-0.234	0.75	174	1984	23.78	5.88E-54	Lower
374-02	1.245	-1.370	0.87	173	1984	48.28	2.97E-77	Middle
374-02	1.244	-1.513	0.88	185	1951	45.79	3.79E-86	Upper
374-03	1.481	-1.503	0.91	296	1976	75.53	1.41E-154	Lower
374-03	1.418	-1.579	0.89	296	1976	84.56	4.51E-143	Middle
374-03	1.368	-1.635	0.87	308	1976	96.99	4.57E-138	Upper
375-02	1.561	-0.789	0.88	14	1987	4.30	7.77E-07	Lower
375-02	1.687	-1.150	0.97	17	1987	1.52	1.42E-12	Middle
375-02	1.558	-1.270	0.94	20	1987	2.68	2.08E-12	Upper
375-03	0.463	0.299	0.61	192	1993	15.99	9.96E-41	Lower
376-01	1.353	-1.525	0.98	162	1959	6.33	5.96E-137	Lower
376-01	1.323	-1.561	0.98	163	1959	5.65	4.49E-140	Middle
376-01	1.258	-1.635	0.98	172	1965	5.05	1.01E-149	Upper
378-03	0.844	0.776	0.87	98	1993	5.98	1.20E-43	Lower
378-03	0.969	0.339	0.80	100	1993	12.84	2.30E-36	Middle
380-01	1.600	-1.205	0.90	33	1985	9.41	2.91E-17	Lower
380-01	1.556	-1.251	0.90	29	1985	7.88	3.14E-15	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
380-01	1.476	-1.345	0.91	38	1985	8.47	2.79E-20	Upper
380-03	0.536	0.397	0.58	102	1993	12.03	2.11E-20	Lower
380-04	1.281	-0.832	0.71	61	1980	40.17	1.22E-17	Middle
380-04	1.312	-1.112	0.77	77	1978	36.59	5.76E-26	Upper
381-01	0.408	0.085	0.53	55	1976	4.50	2.55E-10	Upper
382-02	0.751	0.212	0.80	56	1991	6.28	1.44E-20	Lower
382-02	0.926	-0.033	0.66	59	1991	21.23	7.40E-15	Middle
382-02	1.654	-1.060	0.89	62	1991	16.96	4.54E-30	Upper
382-03	0.813	-0.057	0.53	91	1994	28.23	3.58E-16	Upper
382-04	0.887	0.021	0.95	100	1995	3.26	1.76E-64	Lower
382-04	1.302	-0.515	0.73	101	1995	49.07	5.47E-30	Middle
382-04	1.562	-1.318	0.77	109	1995	65.39	5.01E-36	Upper
382-05	0.813	0.390	0.78	46	1988	7.46	6.27E-16	Lower
382-05	0.925	0.299	0.88	41	1988	4.10	6.85E-20	Middle
382-05	0.884	-0.128	0.75	54	1988	11.78	4.50E-17	Upper
383-01	1.006	0.234	0.96	156	1986	5.01	2.28E-113	Lower
383-01	1.800	-0.632	0.90	154	1990	49.57	1.08E-76	Middle
383-01	1.834	-1.040	0.93	164	1986	36.84	3.99E-94	Upper
383-02	0.840	0.216	0.90	19	1990	1.15	5.45E-10	Lower
383-02	0.930	0.057	0.88	22	1990	1.90	1.23E-10	Middle
385-01	0.864	-0.028	0.97	44	1964	0.66	2.72E-33	Lower
385-01	0.817	-0.088	0.98	43	1964	0.40	9.50E-36	Middle
385-01	1.079	-0.452	0.74	48	1964	12.21	3.74E-15	Upper
385-02	0.893	0.003	0.97	77	1962	1.24	1.25E-58	Lower
385-02	0.853	-0.049	0.98	78	1962	0.80	5.38E-65	Middle
385-02	1.401	-0.673	0.82	81	1962	23.21	1.03E-30	Upper
386-01	1.113	-0.317	0.70	93	1990	41.11	1.47E-25	Lower
386-01	1.688	-1.079	0.92	90	1990	19.65	1.63E-49	Middle
386-01	1.536	-1.246	0.93	103	1990	16.21	1.24E-58	Upper
386-02	0.767	-0.156	0.94	48	1979	2.29	3.82E-29	Lower
386-02	0.828	-0.351	0.79	47	1979	10.61	1.25E-16	Middle
386-02	1.420	-1.442	0.95	54	1979	6.35	5.16E-36	Upper
386-03	0.974	-0.371	0.77	29	1981	10.70	4.86E-10	Lower
386-03	1.577	-1.283	0.97	32	1981	2.78	3.14E-25	Middle
386-03	1.431	-1.448	0.99	34	1981	1.04	1.29E-32	Upper
386-04	0.705	-0.208	0.84	11	1981	1.09	6.46E-05	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
386-04	1.011	-0.874	0.75	15	1981	5.65	3.30E-05	Middle
386-04	1.383	-1.468	0.94	17	1981	2.08	1.61E-10	Upper
387-01	0.767	-0.125	0.88	102	1983	6.47	2.50E-47	Lower
387-01	0.721	-0.171	0.85	101	1983	7.02	5.66E-43	Middle
387-01	0.725	-0.371	0.71	108	1983	17.89	3.58E-30	Upper
389-01	1.714	-1.123	0.97	59	1978	7.19	2.72E-44	Lower
389-01	1.634	-1.205	0.96	59	1984	7.95	8.90E-42	Middle
389-01	1.474	-1.378	0.95	67	1984	9.10	1.56E-44	Upper
389-02	1.425	-1.445	0.98	29	1976	1.54	9.09E-24	Lower
389-02	1.377	-1.499	0.98	26	1976	0.89	5.46E-23	Middle
389-02	1.280	-1.611	0.99	34	1976	0.59	6.21E-34	Upper
390-02	1.591	-1.282	0.99	14	1977	0.32	1.48E-14	Lower
390-02	1.460	-1.418	0.98	16	1977	0.82	7.50E-14	Middle
390-02	1.370	-1.518	0.99	19	1977	0.57	4.62E-18	Upper
391-04	1.488	-0.934	0.87	23	1980	9.63	7.15E-11	Lower
391-04	1.627	-1.235	0.97	22	1980	2.02	2.18E-17	Middle
391-04	1.411	-1.465	0.97	29	1980	1.89	4.54E-23	Upper
393-05	1.384	-1.730	0.58	34	1964	33.39	1.45E-07	Lower
393-05	1.290	-1.813	0.61	35	1969	29.33	3.65E-08	Middle
393-05	1.301	-1.814	0.61	39	1969	32.50	4.81E-09	Upper
393-06	0.940	-2.163	0.52	37	1964	23.15	5.30E-07	Middle
393-06	1.009	-2.100	0.52	40	1964	28.23	1.29E-07	Upper
393-07	0.686	-0.140	0.83	123	1986	10.77	8.82E-49	Lower
393-07	1.148	-0.771	0.74	117	1986	51.19	3.27E-35	Middle
393-07	1.454	-1.329	0.87	132	1986	39.21	2.12E-58	Upper
394-01	1.512	-1.350	0.97	18	1980	1.60	1.40E-13	Lower
394-01	1.417	-1.444	0.96	18	1980	1.80	2.00E-12	Middle
394-01	1.346	-1.530	0.98	24	1980	1.10	6.52E-20	Upper
394-02	0.755	-0.152	0.96	77	1964	1.24	1.84E-53	Lower
394-02	1.623	-0.962	0.92	75	1964	11.35	2.16E-41	Middle
394-02	1.659	-1.129	0.96	81	1964	5.41	9.80E-59	Upper
396-01	1.667	-0.799	0.54	88	1992	124.99	3.10E-16	Middle
396-01	1.920	-1.225	0.77	93	1992	60.00	3.34E-31	Upper
396-02	1.357	-1.443	0.94	104	1992	16.10	2.01E-63	Lower
396-02	1.290	-1.596	0.97	103	1967	6.54	5.45E-79	Middle
396-02	1.184	-1.649	0.95	113	1967	9.46	6.33E-76	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
396-03	0.750	-0.100	0.79	143	1988	14.48	1.28E-49	Lower
396-03	0.898	-0.396	0.67	144	1988	38.17	3.85E-36	Middle
396-03	1.492	-1.291	0.92	149	1988	20.25	1.91E-81	Upper
396-30	0.567	0.285	0.54	37	1992	6.39	2.44E-07	Lower
396-30	0.658	0.100	0.54	37	1992	8.36	2.38E-07	Middle
396-30	1.589	-0.993	0.81	43	1992	16.07	3.34E-16	Upper
397-01	1.518	-1.344	0.96	88	1965	11.05	2.66E-60	Lower
397-01	1.448	-1.416	0.95	87	1965	10.69	8.19E-58	Middle
397-01	1.359	-1.510	0.94	94	1965	13.35	1.18E-57	Upper
397-02	1.472	-1.411	0.99	23	1965	0.48	5.95E-25	Lower
397-02	1.372	-1.515	0.98	27	1965	2.09	9.25E-22	Middle
397-02	1.256	-1.641	0.97	29	1965	2.29	2.69E-22	Upper
397-03	0.984	-0.044	0.54	78	1982	45.83	2.40E-14	Middle
397-03	1.722	-1.318	0.73	86	1982	63.91	7.35E-26	Upper
397-04	1.639	-1.551	0.72	84	1960	65.30	2.26E-24	Lower
397-04	1.604	-1.618	0.70	82	1960	61.07	7.62E-23	Middle
397-04	1.478	-1.686	0.72	90	1960	58.03	2.35E-26	Upper
397-05	0.517	0.191	0.64	94	1960	9.12	4.15E-22	Lower
397-05	0.472	0.038	0.57	96	1992	10.94	1.03E-18	Middle
397-05	1.384	-0.998	0.77	104	1992	38.52	4.68E-34	Upper
398-01	1.771	-1.324	0.80	128	1982	90.44	2.76E-46	Middle
398-01	1.723	-1.509	0.84	135	1982	67.80	3.25E-55	Upper
399-01	0.665	0.038	0.74	51	1991	5.36	5.29E-16	Lower
399-01	1.037	-0.502	0.71	50	1991	15.14	1.66E-14	Middle
399-01	1.541	-1.221	0.94	57	1991	5.51	6.80E-36	Upper
399-02	0.632	0.030	0.79	18	1991	2.00	8.92E-07	Lower
399-02	1.537	-1.191	0.90	20	1991	5.12	1.62E-10	Middle
399-02	1.469	-1.262	0.89	27	1975	6.97	1.91E-13	Upper
400-30	0.833	-0.046	0.88	9	1989	0.61	1.69E-04	Lower
400-30	0.930	-0.617	0.70	11	1989	3.72	1.32E-03	Middle
400-30	1.476	-1.297	0.91	15	1989	2.29	3.94E-08	Upper
402-03	0.436	0.272	0.53	76	1995	7.67	1.09E-13	Middle
407-01	1.733	-1.697	0.79	88	1994	49.70	1.64E-30	Middle
407-01	1.617	-1.770	0.77	93	1994	50.14	8.95E-31	Upper
412-02	1.685	-1.653	0.60	20	1993	24.48	5.61E-05	Middle
412-02	1.571	-1.744	0.61	25	1993	25.56	4.21E-06	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
830-01	1.223	-1.264	0.89	80	1965	16.15	1.78E-38	Lower
830-01	1.306	-1.573	0.95	80	1965	7.33	6.50E-53	Middle
830-01	1.233	-1.653	0.95	86	1965	7.02	1.02E-56	Upper
830-03	1.237	-1.946	0.82	25	1966	9.09	4.14E-10	Lower
830-03	1.194	-1.983	0.84	26	1966	8.34	5.62E-11	Middle
830-03	1.177	-2.015	0.85	30	1966	9.03	5.70E-13	Upper
830-05	1.239	-1.276	0.87	28	1972	9.65	5.74E-13	Lower
830-05	1.321	-1.639	0.90	35	1972	9.09	4.72E-18	Middle
830-05	1.243	-1.755	0.89	44	1985	11.19	1.24E-21	Upper
830-09	0.595	-0.163	0.81	61	1954	6.46	5.43E-23	Lower
830-09	0.995	-0.845	0.68	65	1954	37.25	2.04E-17	Middle
830-09	1.186	-1.420	0.78	67	1954	33.40	3.49E-23	Upper
830-10	1.318	-1.934	0.80	29	1954	17.87	4.76E-11	Lower
830-10	1.248	-1.970	0.80	29	1954	16.47	7.49E-11	Middle
830-10	1.230	-2.026	0.81	34	1954	17.43	4.05E-13	Upper
830-11	1.260	-1.634	0.97	31	1958	2.47	4.03E-24	Lower
830-11	1.202	-1.697	0.98	29	1958	1.58	3.41E-24	Middle
830-11	1.160	-1.743	0.99	37	1958	0.94	7.03E-36	Upper
830-14	1.377	-1.514	1.00	6	1970	0.00	1.49E-62	Lower
830-14	1.294	-1.604	1.00	8	1970	0.00	1.66E-15	Middle
830-14	1.248	-1.652	1.00	9	1970	0.01	7.28E-13	Upper
830-15	1.416	-1.760	0.80	13	1951	6.51	3.22E-05	Lower
830-15	1.262	-1.881	0.83	14	1951	5.38	5.56E-06	Middle
830-15	1.304	-1.863	0.81	18	1951	8.11	3.23E-07	Upper
830-16	1.004	0.072	0.99	73	1982	0.54	4.88E-76	Lower
830-16	0.907	-0.026	0.99	70	1982	0.32	5.24E-77	Middle
830-16	1.018	-0.343	0.78	78	1982	20.66	1.39E-26	Upper
830-17	1.167	-0.863	0.52	15	1976	18.42	2.40E-03	Lower
830-17	1.500	-1.752	0.76	15	1976	8.77	2.05E-05	Middle
830-17	1.584	-1.624	0.83	21	1976	9.80	7.60E-09	Upper
831-03	1.208	-1.690	0.98	54	1951	2.75	8.79E-45	Lower
831-03	1.147	-1.757	0.98	52	1951	1.68	1.19E-46	Middle
831-03	1.113	-1.795	0.99	60	1951	0.93	3.34E-62	Upper
831-04	1.298	-1.591	0.98	73	1959	4.65	3.10E-59	Lower
831-04	1.206	-1.691	0.97	72	1959	4.09	1.17E-57	Middle
831-04	1.147	-1.757	0.99	79	1959	1.43	1.83E-80	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
831-05	1.194	-1.918	0.50	101	1988	98.47	1.09E-16	Middle
831-05	1.157	-1.950	0.54	109	1988	89.03	1.16E-19	Upper
831-06	1.280	-1.609	0.97	100	1953	6.34	7.62E-78	Lower
831-06	1.206	-1.688	0.96	101	1953	7.54	3.07E-73	Middle
831-06	1.141	-1.762	0.98	106	1953	3.76	5.14E-90	Upper
831-07	1.590	-1.117	0.94	59	1978	9.95	1.91E-37	Lower
831-07	1.546	-1.236	0.96	63	1978	7.07	2.31E-44	Middle
831-07	1.408	-1.361	0.94	66	1978	9.22	3.98E-41	Upper
831-08	0.723	-0.185	0.89	60	1982	3.44	4.23E-29	Lower
831-08	0.672	-0.238	0.85	62	1982	4.29	1.31E-26	Middle
831-08	0.855	-0.643	0.68	66	1982	19.12	1.44E-17	Upper
831-11	1.394	-1.477	0.96	5	1971	0.39	3.16E-03	Lower
831-11	1.325	-1.553	0.96	11	1971	0.75	1.20E-07	Upper
831-12	1.444	-1.411	0.95	30	1975	3.31	3.38E-20	Lower
831-12	1.393	-1.465	0.94	28	1975	3.58	2.35E-17	Middle
831-12	1.331	-1.529	0.93	36	1975	5.39	9.42E-21	Upper
831-13	1.394	-0.358	0.63	57	1991	38.63	2.50E-13	Lower
831-13	1.694	-1.163	0.77	60	1991	30.42	3.94E-20	Middle
831-15	1.272	-1.622	0.98	22	1962	0.95	1.72E-19	Lower
831-15	1.202	-1.698	0.98	20	1962	1.01	8.45E-17	Middle
831-15	1.155	-1.750	0.99	27	1962	0.71	2.01E-25	Upper
831-16	1.224	-0.251	0.57	14	1965	10.46	1.74E-03	Lower
831-16	1.884	-0.958	0.99	16	1997	0.25	8.04E-17	Middle
831-16	1.932	-0.862	0.94	18	1997	2.91	3.99E-11	Upper
831-19	1.523	-1.334	0.96	16	1978	1.50	1.90E-11	Lower
831-19	1.470	-1.389	0.95	15	1978	2.07	1.37E-09	Middle
831-19	1.389	-1.478	0.95	21	1978	2.42	1.91E-13	Upper
832-01	1.583	-1.283	1.00	84	1990	0.62	6.42E-104	Lower
832-01	1.526	-1.350	1.00	86	1990	0.43	2.04E-112	Middle
832-01	1.454	-1.418	0.99	90	1990	1.08	1.85E-98	Upper
832-02	0.882	-0.403	0.65	99	1976	40.40	9.82E-24	Lower
832-02	1.424	-1.186	0.84	100	1976	38.73	1.98E-40	Middle
832-02	1.322	-1.747	0.71	109	1967	76.84	1.76E-30	Upper
832-05	1.367	-0.679	0.84	58	1973	22.60	7.82E-24	Lower
832-05	1.660	-1.092	0.97	59	1973	4.43	2.61E-47	Middle
832-05	1.624	-1.150	0.98	63	1973	3.98	2.58E-52	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-06	0.909	-0.048	0.96	29	1983	0.95	1.63E-20	Lower
832-06	1.767	-0.916	0.95	30	1983	4.72	1.14E-19	Middle
832-06	1.726	-1.099	0.98	34	1983	1.64	6.17E-30	Upper
832-08	0.785	-0.246	0.81	89	1977	11.00	9.89E-33	Lower
832-08	1.502	-1.337	0.96	85	1977	6.23	1.08E-60	Middle
832-08	1.451	-1.396	0.96	95	1977	7.57	3.78E-65	Upper
832-10	0.730	-0.161	0.88	247	1983	12.98	1.15E-116	Lower
832-10	0.688	-0.216	0.88	245	1983	11.51	7.22E-116	Middle
832-10	0.700	-0.335	0.76	253	1983	29.71	2.17E-79	Upper
832-11	0.857	0.156	0.93	26	1988	1.05	3.95E-15	Lower
832-11	0.923	0.022	0.97	23	1988	0.44	1.90E-17	Middle
832-11	1.389	-0.767	0.55	32	1988	33.37	1.03E-06	Upper
832-12	0.534	0.318	0.67	136	1993	17.03	5.29E-34	Lower
832-12	0.786	-0.010	0.69	134	1993	32.68	1.55E-35	Middle
832-12	1.646	-1.044	0.82	146	1980	74.68	8.57E-56	Upper
832-13	1.579	-1.156	0.73	38	1963	23.16	1.19E-11	Lower
832-13	1.618	-1.766	0.65	42	1963	39.12	1.42E-10	Middle
832-13	1.557	-1.804	0.65	43	1963	36.64	8.99E-11	Upper
832-15	0.718	-0.199	0.88	20	1980	1.48	1.10E-09	Lower
832-15	1.315	-1.151	0.88	19	1980	4.89	3.28E-09	Middle
832-15	1.380	-1.484	0.96	26	1980	2.28	1.02E-17	Upper
832-17	1.589	-1.285	1.00	10	1968	0.00	9.56E-128	Lower
832-17	1.582	-1.293	1.00	13	1968	0.00	4.55E-24	Middle
832-17	1.475	-1.405	0.99	13	1968	0.23	8.12E-13	Upper
832-18	0.716	-0.189	0.90	118	1986	6.29	8.61E-60	Lower
832-18	0.806	-0.478	0.70	118	1986	30.89	1.73E-32	Middle
832-18	1.435	-1.376	0.91	124	1986	22.04	4.92E-67	Upper
832-19	0.738	-0.133	0.88	113	1986	6.18	1.61E-52	Lower
832-19	0.690	-0.200	0.84	114	1986	7.05	1.35E-46	Middle
832-19	0.673	-0.315	0.72	119	1986	15.18	5.17E-34	Upper
832-20	0.730	-0.114	0.81	148	1983	14.09	4.09E-54	Lower
832-20	0.701	-0.189	0.84	153	1983	11.06	2.52E-61	Middle
832-20	0.869	-0.542	0.71	154	1983	35.21	6.11E-43	Upper
832-21	1.952	-1.412	0.76	63	1994	41.84	1.20E-20	Lower
832-21	1.893	-1.488	0.77	61	1994	35.96	1.04E-20	Middle
832-21	1.828	-1.542	0.78	69	1994	35.84	8.67E-24	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-22	1.413	-1.112	0.88	23	1979	6.59	2.68E-11	Lower
832-22	1.526	-1.324	0.94	23	1979	3.90	1.67E-14	Middle
832-22	1.427	-1.413	0.91	33	1978	6.25	7.43E-18	Upper
832-23	0.913	0.002	0.99	26	1972	0.12	3.35E-26	Lower
832-23	1.088	-0.255	0.73	24	1972	6.38	1.01E-07	Middle
832-23	1.591	-1.483	0.59	30	1972	32.20	6.37E-07	Upper
832-24	1.261	-1.637	0.99	9	1964	0.12	2.93E-09	Lower
832-24	1.252	-1.639	0.97	12	1964	0.65	1.27E-08	Middle
832-24	1.162	-1.744	1.00	15	1964	0.09	1.36E-17	Upper
832-25	1.038	-0.642	0.78	27	1978	7.02	8.23E-10	Lower
832-25	1.473	-1.371	0.95	27	1978	2.55	4.05E-18	Middle
832-25	1.406	-1.438	0.93	33	1978	4.12	1.11E-19	Upper
832-26	1.341	-1.549	0.98	6	1959	0.44	1.84E-04	Lower
832-26	1.232	-1.669	0.99	6	1959	0.13	2.78E-05	Middle
832-26	1.174	-1.731	0.99	11	1959	0.19	7.23E-11	Upper
832-27	0.689	-0.160	0.86	16	1964	1.04	2.67E-07	Lower
832-27	1.397	-0.590	0.72	14	1964	7.58	1.29E-04	Middle
832-27	1.487	-1.252	0.79	21	1964	10.45	8.09E-08	Upper
832-30	1.197	-0.660	0.79	8	1988	2.52	2.99E-03	Lower
832-30	1.480	-1.322	0.93	8	1988	1.19	1.16E-04	Middle
832-30	1.437	-1.388	0.95	14	1988	1.07	2.10E-09	Upper
832-31	1.288	-1.604	0.98	26	1957	0.94	5.81E-23	Lower
832-31	1.194	-1.707	0.99	24	1957	0.40	2.52E-24	Middle
832-31	1.144	-1.759	0.99	32	1957	0.46	1.74E-32	Upper
832-33	0.690	0.100	0.81	22	1986	1.69	9.12E-09	Lower
832-33	0.707	-0.074	0.88	20	1986	1.00	8.27E-10	Middle
832-33	1.443	-1.078	0.60	31	1986	27.54	2.64E-07	Upper
832-34	0.776	-0.112	0.87	5	1986	0.34	2.01E-02	Lower
832-34	0.729	-0.147	0.77	9	1986	1.18	1.93E-03	Middle
832-34	1.081	-0.745	0.71	11	1986	3.78	1.09E-03	Upper
832-35	0.700	-0.178	0.83	33	1986	2.42	1.55E-13	Lower
832-35	0.636	-0.249	0.78	33	1986	2.71	7.19E-12	Middle
832-35	1.427	-1.373	0.92	39	1986	4.94	4.66E-22	Upper
832-38	1.461	-1.413	0.97	10	1958	0.68	1.39E-07	Lower
832-38	1.439	-1.436	0.97	5	1958	0.41	2.58E-03	Middle
832-38	1.308	-1.572	0.93	16	1958	2.13	1.13E-09	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-39	1.282	-1.612	0.99	14	1958	0.42	2.24E-12	Lower
832-39	1.227	-1.674	0.99	10	1958	0.22	6.00E-09	Middle
832-39	1.159	-1.745	0.99	19	1958	0.35	4.62E-18	Upper
832-40	7.683	#####	0.67	8	1958	0.09	1.32E-02	Upper
833-06	1.334	-1.595	0.62	21	1980	21.48	2.07E-05	Lower
833-06	1.306	-1.913	0.66	23	1980	19.15	2.35E-06	Middle
833-06	1.253	-1.936	0.69	25	1980	17.35	2.65E-07	Upper
833-08	0.749	-0.116	0.85	162	1987	11.02	7.29E-68	Lower
833-08	0.715	-0.145	0.82	166	1987	12.63	4.50E-62	Middle
833-08	0.680	-0.256	0.74	168	1987	19.07	5.07E-50	Upper
833-09	0.791	0.150	0.90	90	1986	5.11	1.41E-45	Lower
833-09	0.844	-0.040	0.92	88	1986	4.63	5.35E-48	Middle
833-09	0.899	-0.306	0.62	96	1986	38.50	3.11E-21	Upper
833-11	0.538	0.638	0.57	27	1994	2.76	5.76E-06	Lower
833-11	0.634	0.561	0.71	26	1994	1.82	7.15E-08	Middle
834-01	0.907	-0.012	0.99	82	1986	0.78	4.47E-76	Lower
834-01	0.866	-0.061	0.97	84	1986	1.35	2.96E-67	Middle
834-01	1.241	-0.534	0.77	87	1986	33.00	1.20E-28	Upper
834-03	0.829	-0.113	0.94	56	1987	1.96	1.68E-35	Lower
834-03	1.335	-0.598	0.78	58	1987	24.04	2.97E-20	Middle
834-03	1.774	-1.060	0.97	61	1987	4.93	8.75E-47	Upper
834-06	0.874	-0.531	0.76	38	1972	9.94	1.44E-12	Lower
834-06	1.387	-1.484	0.97	36	1972	2.54	5.98E-27	Middle
834-06	1.251	-1.633	0.97	44	1972	2.16	8.00E-34	Upper
834-08	0.920	-0.556	0.70	150	1960	75.15	7.88E-41	Lower
834-08	1.351	-1.315	0.89	147	1960	47.72	1.07E-70	Middle
834-08	1.252	-1.946	0.80	155	1960	86.58	6.89E-55	Upper
834-11	1.366	-1.521	0.98	15	1969	0.65	2.94E-12	Lower
834-11	1.282	-1.618	1.00	17	1969	0.13	1.70E-19	Middle
834-11	1.224	-1.680	1.00	21	1969	0.09	1.53E-25	Upper
834-12	0.646	-0.060	0.66	90	1992	18.59	2.40E-22	Lower
834-12	1.568	-1.177	0.90	89	1992	23.06	1.63E-45	Middle
834-12	1.487	-1.287	0.93	96	1992	16.07	7.53E-55	Upper
834-13	1.349	-1.476	0.78	28	1973	18.72	6.02E-10	Lower
834-13	1.502	-1.760	0.89	32	1973	11.20	1.11E-15	Middle
834-13	1.408	-1.809	0.89	34	1973	10.54	9.56E-17	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
834-14	1.321	-1.564	0.98	47	1955	2.41	1.50E-38	Lower
834-14	1.256	-1.634	0.96	45	1955	3.39	4.63E-32	Middle
834-14	1.185	-1.713	0.97	53	1955	3.00	6.92E-40	Upper
834-15	1.206	-1.008	0.84	49	1982	13.87	2.21E-20	Lower
834-15	1.425	-1.430	0.96	46	1982	3.60	3.33E-33	Middle
834-15	1.311	-1.567	0.99	55	1982	1.32	4.58E-51	Upper
834-17	0.780	-0.129	0.93	76	1987	3.20	3.76E-44	Lower
834-17	1.301	-0.882	0.82	76	1987	26.48	4.58E-29	Middle
834-17	1.491	-1.344	0.95	81	1987	7.91	3.27E-54	Upper
834-18	1.478	-1.098	0.91	25	1970	6.45	1.33E-13	Lower
834-18	1.518	-1.238	0.95	22	1970	3.39	2.40E-14	Middle
834-18	1.433	-1.307	0.94	30	1970	4.82	2.18E-18	Upper
834-19	0.679	-0.239	0.90	28	1980	1.22	1.99E-14	Lower
834-19	0.816	-0.489	0.76	27	1980	4.84	3.28E-09	Middle
834-19	1.417	-1.437	0.96	34	1980	2.25	3.07E-24	Upper
835-01	1.341	-1.546	0.98	62	1965	3.24	7.99E-54	Lower
835-01	1.248	-1.646	0.98	64	1965	2.77	3.28E-56	Middle
835-01	1.182	-1.719	0.99	68	1965	1.33	4.85E-69	Upper
835-02	1.518	-1.726	0.88	78	1966	34.31	3.04E-36	Lower
835-02	1.445	-1.778	0.87	76	1966	32.02	1.55E-34	Middle
835-02	1.351	-1.861	0.87	84	1966	31.36	1.21E-37	Upper
835-03	1.250	-1.646	0.97	23	1947	1.91	5.49E-18	Lower
835-03	1.198	-1.703	0.97	24	1947	2.03	3.26E-18	Middle
835-03	1.128	-1.779	0.98	28	1947	1.03	3.79E-25	Upper
835-04	1.282	-1.615	0.99	14	1960	0.53	8.63E-13	Lower
835-04	1.202	-1.700	0.99	15	1960	0.58	2.61E-13	Middle
835-04	1.132	-1.777	1.00	20	1960	0.08	2.44E-26	Upper
835-05	0.708	-0.207	0.88	67	1979	4.32	1.41E-31	Lower
835-05	1.182	-0.969	0.81	68	1979	20.97	2.28E-25	Middle
835-05	1.395	-1.455	0.94	73	1979	8.74	1.41E-44	Upper
835-06	0.881	-0.170	0.70	117	1953	42.64	1.35E-31	Lower
835-06	1.609	-1.087	0.90	115	1953	38.21	2.23E-57	Middle
835-06	1.462	-1.466	0.83	127	1953	60.20	1.47E-49	Upper
835-08	0.801	-0.346	0.81	55	1984	10.45	1.15E-20	Lower
835-08	1.423	-1.408	0.95	53	1962	7.59	2.29E-34	Middle
835-08	1.318	-1.526	0.96	64	1962	5.78	1.62E-44	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
835-09	1.288	-1.604	0.98	82	1955	4.41	8.71E-69	Lower
835-09	1.199	-1.699	0.98	83	1955	4.05	1.07E-68	Middle
835-09	1.134	-1.772	0.99	88	1955	1.68	6.91E-88	Upper
835-10	1.352	-1.418	0.93	83	1971	14.72	9.62E-50	Lower
835-10	1.329	-1.532	0.94	84	1955	11.94	7.42E-53	Middle
835-10	1.254	-1.606	0.93	99	1956	14.51	2.49E-58	Upper
835-11	1.421	-1.876	0.56	24	1993	26.04	2.43E-05	Upper
835-12	1.053	-0.509	0.77	85	1965	29.51	2.63E-28	Lower
835-12	1.502	-1.241	0.90	83	1965	22.73	4.77E-42	Middle
835-12	1.461	-1.690	0.78	91	1965	57.59	7.25E-31	Upper
835-13	0.991	-0.345	0.57	8	1993	4.31	2.93E-02	Lower
835-13	1.312	-1.960	0.50	9	1993	10.24	3.25E-02	Middle
835-13	1.420	-1.912	0.60	14	1993	13.45	1.15E-03	Upper
835-14	0.829	-0.334	0.80	31	1977	6.10	1.45E-11	Lower
835-14	1.435	-1.421	0.95	32	1977	3.82	4.27E-21	Middle
835-14	1.322	-1.550	0.96	37	1977	2.55	4.62E-27	Upper
835-15	1.346	-1.892	0.79	147	1951	99.39	1.46E-50	Lower
835-15	1.282	-1.949	0.78	149	1951	93.49	2.29E-50	Middle
835-15	1.187	-2.016	0.78	153	1951	83.45	1.76E-51	Upper
835-16	0.701	-0.209	0.82	45	1975	4.44	2.05E-17	Lower
835-16	1.103	-0.889	0.80	48	1975	13.26	7.46E-18	Middle
835-16	1.369	-1.484	0.93	51	1975	5.93	1.11E-30	Upper
835-19	1.779	-1.081	1.00	5	1997	0.00	9.13E-07	Lower
835-19	1.707	-1.154	1.00	5	1997	0.02	3.34E-05	Middle
835-19	1.645	-1.182	0.98	9	1997	0.47	5.94E-07	Upper
837-01	1.336	-1.553	0.98	46	1956	3.05	7.34E-38	Lower
837-01	1.272	-1.620	0.97	44	1956	3.99	1.80E-32	Middle
837-01	1.187	-1.714	0.98	52	1956	2.85	4.95E-42	Upper
837-06	0.627	-0.253	0.84	48	1983	4.35	3.03E-20	Lower
837-06	1.302	-1.459	0.91	45	1983	9.61	2.04E-24	Middle
837-06	1.206	-1.482	0.87	61	1945	14.46	3.33E-28	Upper
837-08	0.808	-0.352	0.77	148	1975	29.55	4.65E-48	Lower
837-08	1.442	-1.409	0.95	147	1975	17.50	1.12E-94	Middle
837-08	1.331	-1.531	0.94	154	1975	15.92	1.30E-97	Upper
837-12	0.750	-0.155	0.93	110	1980	5.67	8.91E-63	Lower
837-12	0.699	-0.216	0.88	108	1980	7.82	1.90E-51	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-12	1.361	-1.185	0.81	119	1980	58.24	7.00E-44	Upper
837-18	1.485	-1.397	1.00	10	1958	0.02	1.83E-14	Lower
837-18	1.483	-1.399	1.00	11	1958	0.02	5.38E-16	Middle
837-18	1.454	-1.430	1.00	13	1958	0.07	6.75E-17	Upper
838-05	2.179	-0.649	1.00	28	1986	0.06	1.01E-44	Lower
838-05	2.109	-0.724	1.00	29	1986	0.00	1.07E-73	Middle
838-05	2.040	-0.804	0.99	31	1986	0.79	1.04E-33	Upper
839-02	0.977	-2.155	0.58	84	1968	33.41	3.21E-17	Upper
839-03	1.555	-1.556	0.73	68	1977	61.48	1.90E-20	Lower
839-03	1.503	-1.639	0.73	65	1977	54.09	9.30E-20	Middle
839-03	1.466	-1.699	0.73	73	1977	58.77	8.49E-22	Upper
839-04	1.419	-1.465	0.99	10	1972	0.18	2.54E-10	Lower
839-04	1.281	-1.617	1.00	10	1972	0.08	2.58E-11	Middle
839-04	1.201	-1.703	1.00	15	1972	0.03	1.30E-21	Upper
839-05	1.547	-1.330	1.00	24	1972	0.23	2.54E-29	Lower
839-05	1.492	-1.390	1.00	24	1972	0.19	6.42E-30	Middle
839-05	1.338	-1.555	0.99	28	1972	0.57	4.31E-29	Upper
839-06	1.445	-1.779	0.87	38	1962	16.47	2.46E-17	Lower
839-06	1.326	-1.909	0.86	39	1962	14.85	2.55E-17	Middle
839-06	1.258	-1.928	0.86	43	1962	14.94	5.15E-19	Upper
839-08	0.590	0.136	0.80	104	1974	8.16	6.02E-38	Lower
839-08	1.579	-0.921	0.85	100	1974	41.58	3.95E-42	Middle
839-08	1.530	-1.573	0.81	110	1974	57.57	3.58E-40	Upper
839-09	1.432	-1.448	0.99	26	1962	1.02	8.36E-24	Lower
839-09	1.369	-1.517	0.98	28	1962	1.35	2.79E-24	Middle
839-09	1.276	-1.616	0.98	32	1962	1.52	1.86E-26	Upper
839-10	1.491	-1.524	0.62	86	1986	84.29	2.04E-19	Upper
839-11	1.758	-1.341	0.77	135	1985	88.36	9.32E-45	Lower
839-11	1.703	-1.452	0.79	134	1985	76.31	4.12E-46	Middle
839-11	1.623	-1.523	0.79	140	1985	72.97	6.56E-48	Upper
839-12	1.542	-1.616	0.81	74	1962	40.34	1.14E-27	Lower
839-12	1.458	-1.694	0.80	78	1981	40.12	2.44E-28	Middle
839-12	1.386	-1.748	0.81	81	1981	37.70	6.65E-30	Upper
839-13	0.717	-0.152	0.88	79	1990	4.29	4.05E-37	Lower
839-13	1.581	-0.879	0.84	79	1990	28.82	4.06E-32	Middle
839-13	1.572	-1.285	0.82	84	1990	35.39	4.30E-32	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-14	0.532	0.310	0.58	37	1993	4.52	4.13E-08	Lower
839-18	1.223	-0.579	0.72	42	1960	16.57	1.05E-12	Lower
839-18	1.335	-1.933	0.54	42	1960	43.49	2.60E-08	Middle
839-18	1.313	-1.992	0.55	47	1960	45.52	2.52E-09	Upper
839-23	1.502	-1.373	0.99	19	1978	0.48	1.21E-18	Lower
839-23	1.448	-1.432	0.99	19	1978	0.41	5.67E-19	Middle
839-23	1.354	-1.534	0.98	23	1978	0.88	6.02E-20	Upper
839-24	1.587	-1.568	0.67	29	1988	29.03	6.66E-08	Lower
839-24	1.551	-1.579	0.70	27	1988	23.05	5.99E-08	Middle
839-24	1.417	-1.733	0.67	34	1988	26.23	3.36E-09	Upper
840-01	0.998	-0.540	0.78	87	1983	26.40	2.31E-29	Lower
840-01	1.506	-1.346	0.97	88	1983	7.49	1.41E-64	Middle
840-01	1.397	-1.471	0.98	92	1983	4.40	1.28E-75	Upper
840-02	1.330	-1.550	0.97	40	1958	2.22	7.37E-31	Lower
840-02	1.288	-1.596	0.97	39	1958	2.39	6.11E-29	Middle
840-02	1.198	-1.693	0.96	46	1958	2.55	1.61E-33	Upper
840-03	1.340	-1.547	0.98	43	1960	1.96	8.85E-38	Lower
840-03	1.277	-1.612	0.97	45	1960	3.87	4.83E-33	Middle
840-03	1.175	-1.724	0.97	49	1960	2.45	3.34E-39	Upper
840-05	1.321	-1.564	0.97	56	1954	4.50	4.07E-42	Lower
840-05	1.269	-1.603	0.94	60	1954	7.72	8.17E-38	Middle
840-05	1.217	-1.661	0.93	65	1954	9.55	4.80E-38	Upper
840-07	1.128	-0.800	0.63	97	1994	75.17	3.26E-22	Middle
840-07	1.334	-1.370	0.76	106	1965	59.00	5.80E-34	Upper
840-08	1.289	-1.497	0.82	62	1974	30.45	3.29E-24	Lower
840-08	1.265	-1.790	0.88	58	1974	18.11	5.09E-27	Middle
840-08	1.234	-1.834	0.87	78	1974	23.94	4.17E-35	Upper
840-09	1.358	-1.535	1.00	75	1965	0.19	5.17E-109	Lower
840-09	1.314	-1.582	1.00	75	1965	0.24	3.00E-103	Middle
840-09	1.251	-1.649	0.99	80	1965	0.90	4.12E-88	Upper
840-10	1.400	-1.343	0.94	118	1973	16.33	8.39E-75	Lower
840-10	1.371	-1.504	0.97	118	1973	9.23	5.31E-88	Middle
840-10	1.288	-1.595	0.97	124	1973	6.71	5.71E-98	Upper
840-11	1.407	-1.332	0.96	47	1966	5.48	4.77E-33	Lower
840-11	1.404	-1.476	0.98	45	1966	2.53	4.54E-38	Middle
840-11	1.303	-1.586	0.97	53	1966	3.24	3.16E-42	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-13	1.394	-1.486	0.98	41	1967	2.68	2.61E-34	Lower
840-13	1.329	-1.558	0.98	42	1967	2.05	5.83E-37	Middle
840-13	1.258	-1.635	0.98	46	1967	2.21	2.76E-39	Upper
840-14	1.199	-1.404	0.90	90	1981	23.65	5.48E-45	Lower
840-14	1.210	-1.659	0.97	86	1981	7.08	1.84E-63	Middle
840-14	1.174	-1.681	0.96	104	1960	9.69	4.44E-71	Upper
840-15	1.183	-1.724	1.00	4	1955	0.00	8.51E-33	Lower
840-15	1.160	-1.749	1.00	6	1955	0.01	3.39E-07	Middle
840-15	1.120	-1.790	1.00	9	1955	0.03	3.50E-11	Upper
840-18	1.173	-1.733	1.00	6	1965	0.01	1.52E-07	Lower
840-18	1.283	-1.612	0.98	9	1965	0.38	1.29E-07	Middle
840-18	1.186	-1.717	0.99	11	1965	0.19	5.40E-11	Upper
840-19	1.657	-1.190	0.99	4	1981	0.13	5.83E-03	Lower
840-19	1.606	-1.260	1.00	5	1981	0.06	9.21E-05	Middle
840-19	1.510	-1.344	0.97	9	1981	0.62	1.57E-06	Upper
840-20	1.330	-1.213	0.90	40	1966	9.20	5.62E-21	Lower
840-20	1.321	-1.455	0.89	40	1966	9.99	6.25E-20	Middle
840-20	1.283	-1.735	0.85	50	1966	16.60	2.70E-21	Upper
840-22	0.978	-0.707	0.74	47	1979	19.20	7.25E-15	Lower
840-22	1.396	-1.444	0.95	46	1953	5.70	2.66E-30	Middle
840-22	1.323	-1.529	0.96	63	1983	4.93	6.58E-45	Upper
840-24	1.173	-2.031	0.68	19	1970	13.01	1.60E-05	Lower
840-24	0.978	-2.174	0.62	19	1970	10.03	5.62E-05	Middle
840-24	1.182	-2.003	0.70	25	1970	15.70	1.58E-07	Upper
840-26	1.203	-0.608	0.78	87	1961	36.60	1.03E-29	Lower
840-26	1.519	-1.259	0.86	89	1961	36.19	2.03E-38	Middle
840-26	1.404	-1.691	0.74	93	1961	65.28	1.62E-28	Upper
840-27	1.252	-1.645	0.98	46	1965	2.28	4.33E-40	Lower
840-27	1.205	-1.696	0.98	44	1965	2.13	7.59E-38	Middle
840-27	1.165	-1.740	0.99	52	1965	0.96	2.89E-54	Upper
840-28	1.549	-1.328	1.00	5	1977	0.00	8.72E-49	Lower
840-28	1.374	-1.518	1.00	6	1977	0.05	4.29E-06	Middle
840-28	1.301	-1.595	1.00	8	1977	0.04	2.54E-09	Upper
840-31	1.398	-1.476	0.96	31	1966	3.14	1.90E-22	Lower
840-31	1.349	-1.530	0.95	30	1966	3.86	5.24E-20	Middle
840-31	1.273	-1.611	0.95	36	1966	3.87	3.66E-24	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-33	0.761	0.160	0.90	68	1982	3.96	4.54E-34	Lower
840-33	1.633	-0.693	0.84	70	1982	30.36	7.51E-29	Middle
840-33	1.655	-1.299	0.81	78	1982	43.82	4.48E-29	Upper
840-36	0.840	0.074	0.83	47	1984	6.40	8.42E-19	Lower
840-36	0.820	-0.055	0.75	49	1984	9.98	8.24E-16	Middle
840-36	0.876	-0.308	0.68	53	1984	17.51	3.42E-14	Upper
841-01	1.062	-0.160	0.81	98	1977	25.10	1.53E-36	Lower
841-01	1.818	-0.975	0.98	97	1977	5.78	9.70E-85	Middle
841-01	1.723	-1.092	0.98	103	1977	4.73	5.93E-93	Upper
841-02	1.339	-1.241	0.91	35	1981	5.84	9.35E-19	Lower
841-02	1.418	-1.448	0.97	35	1981	2.37	2.58E-26	Middle
841-02	1.320	-1.545	0.95	46	1977	3.22	4.45E-31	Upper
841-03	0.773	0.174	0.85	80	1991	5.03	2.52E-34	Lower
841-03	0.750	-0.023	0.82	78	1991	5.99	8.49E-30	Middle
842-04	1.412	-1.134	0.85	55	1990	20.32	1.57E-23	Lower
842-04	1.496	-1.370	0.98	53	1990	2.43	2.20E-45	Middle
842-04	1.469	-1.395	0.98	60	1990	2.33	3.06E-53	Upper
842-05	1.466	-1.291	0.94	27	1957	4.85	3.27E-17	Lower
842-05	1.419	-1.323	0.94	27	1957	4.96	9.62E-17	Middle
842-05	1.342	-1.409	0.93	32	1957	5.61	2.94E-19	Upper
842-07	0.630	-0.003	0.80	78	1960	8.21	3.77E-28	Lower
842-07	1.031	-0.613	0.68	78	1960	42.28	2.26E-20	Middle
842-07	1.376	-1.161	0.83	84	1960	33.55	1.70E-33	Upper
842-10	0.937	-0.369	0.61	67	1982	36.29	4.86E-15	Lower
842-10	1.545	-1.611	0.81	70	1982	37.47	1.85E-26	Middle
842-10	1.447	-1.717	0.81	73	1982	34.66	2.39E-27	Upper
842-12	0.914	-0.010	0.98	129	1987	2.00	4.21E-106	Lower
842-12	0.858	-0.073	0.96	129	1987	3.35	4.39E-89	Middle
842-12	1.063	-0.340	0.75	134	1987	38.97	4.96E-42	Upper
842-13	1.510	-1.298	0.96	24	1967	2.59	4.96E-17	Lower
842-13	1.455	-1.341	0.94	23	1967	3.31	1.81E-14	Middle
842-13	1.382	-1.405	0.93	28	1967	4.47	7.80E-17	Upper
842-15	1.331	-1.557	0.98	68	1951	3.46	2.41E-55	Lower
842-15	1.273	-1.618	0.96	64	1951	5.00	6.42E-46	Middle
842-15	1.206	-1.688	0.94	74	1951	7.77	3.02E-46	Upper
842-16	0.874	-0.414	0.78	48	1979	13.20	1.14E-16	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
842-16	1.466	-1.395	0.97	51	1979	5.02	2.41E-37	Middle
842-16	1.380	-1.487	0.96	54	1979	5.06	1.80E-38	Upper
843-01	1.388	-1.751	0.72	140	1985	119.90	1.08E-39	Lower
843-01	1.283	-1.905	0.73	133	1966	90.18	3.25E-39	Middle
843-01	1.237	-1.932	0.74	151	1966	93.44	4.89E-45	Upper
843-03	1.454	-1.408	0.95	36	1975	4.54	6.32E-24	Lower
843-03	1.385	-1.486	0.96	37	1975	3.73	7.16E-26	Middle
843-03	1.258	-1.637	0.99	41	1975	0.46	7.16E-45	Upper
843-06	1.447	-1.412	0.96	62	1961	7.55	2.50E-44	Lower
843-06	1.339	-1.522	0.95	63	1961	8.58	3.75E-41	Middle
843-06	1.222	-1.659	0.97	69	1974	4.59	1.30E-52	Upper
843-07	0.583	0.090	0.66	24	1991	2.51	1.67E-06	Lower
843-07	0.570	0.047	0.65	24	1991	2.80	1.76E-06	Middle
843-07	0.752	-0.217	0.54	30	1991	8.55	4.13E-06	Upper
843-09	1.412	-1.451	0.97	11	1970	0.71	5.24E-08	Lower
843-09	1.374	-1.495	0.95	13	1970	1.48	1.73E-08	Middle
843-09	1.291	-1.578	0.93	17	1970	2.00	4.19E-10	Upper
844-02	1.554	-1.382	0.94	50	1978	9.65	5.05E-31	Lower
844-02	1.554	-1.385	0.94	48	1978	9.58	1.98E-29	Middle
844-02	1.522	-1.439	0.92	55	1978	13.90	1.25E-30	Upper
844-05	1.298	-1.984	0.51	9	1952	9.57	3.09E-02	Upper
845-03	1.567	-1.508	0.66	28	1978	25.55	1.54E-07	Lower
845-03	1.420	-1.903	0.61	28	1978	26.59	8.32E-07	Middle
845-03	1.368	-1.972	0.59	33	1978	30.40	1.82E-07	Upper
845-06	1.836	-1.493	0.75	134	1994	94.17	8.52E-42	Middle
845-06	1.740	-1.586	0.76	143	1994	84.41	2.40E-45	Upper
845-07	1.423	-1.519	0.66	127	1994	132.99	2.31E-31	Lower
845-07	1.497	-1.740	0.77	130	1977	90.38	2.15E-42	Middle
845-07	1.456	-1.771	0.76	139	1977	92.37	2.58E-44	Upper
845-09	1.535	-1.344	1.00	29	1979	0.00	1.92E-65	Lower
845-09	1.479	-1.400	0.99	30	1979	0.63	3.89E-31	Middle
845-09	1.472	-1.408	0.99	35	1979	0.76	1.80E-36	Upper
845-17	1.500	-0.382	0.61	7	1981	6.00	3.71E-02	Lower
845-17	1.776	-1.084	1.00	7	1981	0.01	6.47E-10	Middle
845-17	1.579	-1.298	1.00	10	1981	0.08	3.04E-11	Upper
845-18	0.593	-0.078	0.73	14	1978	1.22	9.00E-05	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
845-18	1.565	-1.319	0.66	16	1978	13.78	1.36E-04	Middle
845-18	1.463	-1.710	0.55	21	1978	22.24	1.18E-04	Upper
845-19	0.909	-0.046	0.99	24	1975	0.17	5.63E-24	Lower
845-19	1.301	-1.055	0.55	27	1975	34.99	8.37E-06	Middle
845-19	1.607	-1.608	0.76	30	1975	22.29	3.76E-10	Upper
845-20	1.536	-1.310	0.99	17	1986	0.55	4.13E-15	Lower
845-20	1.494	-1.347	0.98	18	1986	1.00	2.50E-14	Middle
845-20	1.398	-1.440	0.96	23	1986	1.49	1.73E-16	Upper
845-21	0.825	-0.058	0.93	37	1976	1.85	9.60E-22	Lower
845-21	1.250	-0.614	0.75	37	1976	19.28	5.32E-12	Middle
845-21	1.688	-1.048	0.94	41	1976	7.72	7.49E-25	Upper
845-25	1.644	-1.225	1.00	6	1976	0.02	4.29E-07	Lower
845-25	1.484	-1.398	1.00	4	1976	0.00	3.05E-33	Middle
845-25	1.495	-1.388	0.99	9	1976	0.41	1.07E-07	Upper
846-01	1.151	-0.734	0.80	54	1987	16.14	4.74E-20	Lower
846-01	1.525	-1.329	0.98	56	1990	2.78	2.10E-46	Middle
846-01	1.425	-1.422	0.96	62	1987	4.23	8.66E-45	Upper
846-02	1.413	-0.767	0.85	115	1971	50.35	6.86E-48	Lower
846-02	1.621	-1.167	0.97	113	1971	9.32	1.03E-90	Middle
846-02	1.549	-1.249	0.97	120	1971	12.46	4.81E-88	Upper
846-03	1.322	-1.560	0.96	76	1966	6.83	8.75E-55	Lower
846-03	1.240	-1.650	0.97	77	1966	5.08	3.78E-58	Middle
846-03	1.169	-1.724	0.97	87	1954	3.99	2.62E-69	Upper
846-04	1.398	-1.411	0.95	54	1987	7.61	1.74E-35	Lower
846-04	1.284	-1.520	0.94	55	1961	8.10	1.89E-33	Middle
846-04	1.234	-1.578	0.94	65	1961	7.38	2.48E-41	Upper
846-05	1.525	-1.336	0.99	61	1963	2.16	3.18E-60	Lower
846-05	1.379	-1.496	0.99	62	1963	2.53	4.66E-57	Middle
846-05	1.273	-1.582	0.97	66	1963	5.31	4.42E-49	Upper
846-06	1.620	-1.163	0.93	31	1965	6.07	1.31E-18	Lower
846-06	1.442	-1.361	0.93	32	1965	5.85	1.36E-18	Middle
846-06	1.420	-1.369	0.93	35	1965	5.99	2.92E-20	Upper
846-07	1.420	-1.460	0.98	22	1967	1.84	1.54E-17	Lower
846-07	1.330	-1.556	0.97	24	1967	2.49	1.43E-17	Middle
846-07	1.213	-1.685	0.99	28	1967	0.82	2.67E-26	Upper
846-08	1.460	-1.411	0.99	24	1958	0.80	5.44E-23	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
846-08	1.225	-1.660	0.98	27	1958	1.01	7.86E-24	Middle
846-08	1.225	-1.645	0.97	31	1968	2.13	6.56E-24	Upper
846-10	0.576	0.236	0.73	66	1992	5.09	5.12E-20	Lower
846-10	0.820	-0.097	0.65	64	1992	15.22	1.11E-15	Middle
846-10	1.595	-1.074	0.90	72	1992	12.68	6.01E-37	Upper
846-11	0.720	0.161	0.87	123	1981	8.90	2.44E-56	Lower
846-11	0.800	-0.012	0.87	120	1981	11.89	3.08E-53	Middle
846-11	0.875	-0.349	0.70	129	1981	40.36	3.79E-35	Upper
846-12	0.909	-0.211	0.78	18	1981	4.07	1.24E-06	Lower
846-12	1.697	-1.071	0.95	19	1981	2.78	1.99E-12	Middle
846-12	1.546	-1.208	0.92	22	1981	4.47	2.46E-12	Upper
847-01	0.792	-0.141	0.97	48	1980	1.35	1.98E-35	Lower
847-01	1.582	-1.207	0.95	47	1980	7.18	8.90E-32	Middle
847-01	1.499	-1.359	0.97	53	1980	4.68	3.03E-40	Upper
847-04	1.299	-1.719	0.62	36	1976	35.32	1.35E-08	Lower
847-04	1.276	-1.911	0.71	36	1976	23.00	1.34E-10	Middle
847-04	1.256	-1.962	0.72	41	1976	24.32	2.67E-12	Upper
847-05	1.280	-1.140	0.62	31	1982	33.25	1.64E-07	Middle
847-05	1.613	-1.629	0.84	40	1982	19.98	9.18E-17	Upper
847-07	0.681	-0.203	0.82	29	1986	2.04	1.22E-11	Lower
847-07	0.621	-0.277	0.79	29	1986	2.44	1.34E-10	Middle
847-07	0.986	-0.847	0.69	35	1986	10.92	8.28E-10	Upper
847-08	1.047	-2.109	0.53	21	1980	15.90	1.94E-04	Lower
847-08	1.115	-2.018	0.60	20	1981	13.57	5.50E-05	Middle
847-08	1.097	-2.071	0.62	26	1981	17.07	2.03E-06	Upper
848-04	0.628	-0.137	0.86	27	1990	1.29	2.42E-12	Lower
848-04	1.369	-1.017	0.84	28	1990	6.47	6.48E-12	Middle
848-04	1.486	-1.325	0.95	33	1990	2.59	2.42E-22	Upper
848-05	0.638	-0.223	0.89	9	1978	0.28	1.33E-04	Lower
848-05	0.992	-0.499	0.63	8	1978	3.16	1.81E-02	Middle
848-05	1.555	-1.794	0.65	14	1978	10.96	4.64E-04	Upper
848-07	1.453	-1.184	0.93	33	1991	4.61	1.41E-19	Lower
848-07	1.504	-1.353	0.99	31	1991	0.55	3.33E-31	Middle
848-07	1.456	-1.384	0.98	39	1991	1.74	1.72E-31	Upper
848-12	0.871	0.171	0.93	26	1990	1.05	1.25E-15	Lower
848-12	1.537	-0.665	0.84	25	1990	8.36	1.27E-10	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
848-12	1.776	-1.063	0.99	30	1990	0.67	8.23E-30	Upper
848-14	1.590	-1.253	0.99	22	1992	0.54	6.25E-21	Lower
848-14	1.556	-1.293	0.99	23	1992	0.45	1.28E-22	Middle
848-14	1.490	-1.350	0.98	27	1992	0.85	1.21E-23	Upper
848-17	0.973	-0.169	0.82	17	1985	3.89	5.23E-07	Lower
848-17	1.735	-1.123	0.99	17	1985	0.77	1.85E-15	Middle
848-17	1.502	-1.373	1.00	21	1985	0.24	1.02E-23	Upper
849-02	0.788	-0.131	0.91	42	1979	3.26	2.28E-22	Lower
849-02	1.452	-1.235	0.93	43	1976	8.48	8.68E-25	Middle
849-02	1.386	-1.477	0.95	51	1976	5.59	3.41E-34	Upper
849-03	0.849	0.062	0.94	77	1965	2.61	4.10E-48	Lower
849-03	1.365	-0.424	0.76	77	1965	35.61	1.23E-24	Middle
849-03	1.786	-0.940	0.94	82	1965	13.18	2.76E-50	Upper
849-05	1.517	-1.354	0.98	46	1970	3.55	9.70E-38	Lower
849-05	1.459	-1.417	0.98	45	1970	2.86	4.37E-38	Middle
849-05	1.313	-1.578	0.98	52	1970	1.93	4.39E-47	Upper
849-06	1.457	-1.423	0.99	21	1972	0.96	3.47E-19	Lower
849-06	1.404	-1.479	0.99	21	1972	0.89	3.47E-19	Middle
849-06	1.274	-1.622	0.99	26	1972	0.52	1.23E-26	Upper
849-07	1.319	-1.572	0.99	50	1968	1.03	8.92E-51	Lower
849-07	1.244	-1.657	1.00	50	1968	0.14	1.15E-69	Middle
849-07	1.197	-1.707	1.00	56	1968	0.21	4.14E-74	Upper
849-08	1.165	-0.385	0.72	40	1967	17.11	4.02E-12	Lower
849-08	1.815	-1.003	0.98	40	1967	2.54	1.34E-32	Middle
849-08	1.666	-1.154	0.98	45	1967	2.63	2.46E-36	Upper
849-10	0.682	0.136	0.73	98	1990	13.31	8.17E-29	Lower
849-10	0.693	0.001	0.64	99	1990	20.13	4.17E-23	Middle
849-10	1.563	-1.118	0.87	113	1981	30.87	9.40E-51	Upper
849-11	0.833	-0.064	0.87	103	1985	9.70	3.02E-47	Lower
849-11	0.769	-0.126	0.82	99	1985	12.15	7.25E-38	Middle
849-11	0.925	-0.501	0.68	109	1985	40.96	3.10E-28	Upper
849-13	0.804	-0.072	0.96	62	1965	1.64	7.89E-43	Lower
849-13	1.517	-0.861	0.87	60	1965	19.33	1.73E-27	Middle
849-13	1.596	-1.224	0.87	67	1965	23.09	1.30E-30	Upper
849-14	0.599	0.131	0.78	27	1962	2.18	1.24E-09	Lower
849-14	1.269	-0.353	0.66	26	1962	15.70	4.42E-07	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-14	1.555	-0.915	0.81	32	1962	14.64	2.49E-12	Upper
849-15	1.535	-1.332	0.98	23	1976	1.21	3.08E-20	Lower
849-15	1.454	-1.417	0.97	25	1976	2.13	3.19E-19	Middle
849-15	1.369	-1.505	0.97	31	1976	2.10	7.49E-24	Upper
849-16	0.809	0.068	0.94	167	1981	5.29	1.60E-104	Lower
849-16	1.171	-0.386	0.73	169	1981	69.93	6.39E-49	Middle
849-16	1.626	-1.236	0.81	174	1981	86.85	7.26E-64	Upper
849-18	1.052	-0.824	0.79	90	1976	34.77	3.34E-31	Lower
849-18	1.366	-1.473	0.94	89	1976	14.58	8.31E-54	Middle
849-18	1.275	-1.564	0.92	101	1959	17.01	1.26E-56	Upper
849-20	0.797	-0.126	0.91	32	1983	2.33	5.23E-17	Lower
849-20	1.138	-0.589	0.77	33	1983	14.88	2.62E-11	Middle
849-20	1.539	-1.322	0.96	36	1983	4.07	4.55E-25	Upper
849-24	1.365	-1.514	0.95	15	1956	2.28	1.20E-09	Lower
849-24	1.298	-1.591	0.95	13	1956	1.72	1.26E-08	Middle
849-24	1.255	-1.633	0.94	21	1956	2.92	5.93E-13	Upper
849-26	0.433	0.206	0.51	36	1986	3.87	8.54E-07	Middle
849-26	0.616	-0.212	0.81	42	1986	2.04	3.25E-16	Upper
849-27	1.594	-1.272	0.99	15	1983	0.57	4.14E-14	Lower
849-27	1.460	-1.417	0.99	15	1983	0.45	2.73E-14	Middle
849-27	1.355	-1.528	0.98	19	1983	0.75	1.09E-16	Upper
849-28	1.486	-1.385	0.95	30	1965	4.70	3.93E-20	Lower
849-28	1.409	-1.466	0.93	29	1965	6.18	2.85E-17	Middle
849-28	1.282	-1.605	0.95	35	1965	4.51	1.26E-22	Upper
849-29	0.763	0.204	0.83	103	1991	9.98	5.24E-41	Lower
849-29	1.252	-0.339	0.71	99	1991	54.37	6.71E-28	Middle
849-29	1.722	-0.968	0.90	112	1974	31.98	1.05E-55	Upper
849-30	1.530	-1.340	0.97	14	1972	1.61	2.04E-10	Lower
849-30	1.409	-1.475	0.99	13	1972	0.49	7.20E-12	Middle
849-30	1.236	-1.662	0.99	18	1972	0.26	4.09E-19	Upper
849-34	1.003	-0.209	0.75	37	1986	11.72	4.03E-12	Lower
849-34	1.659	-1.168	0.96	36	1986	4.13	1.52E-25	Middle
849-34	1.501	-1.339	0.96	43	1986	3.99	1.08E-29	Upper
849-38	0.882	-0.027	0.90	62	1985	5.66	3.86E-32	Lower
849-38	0.998	-0.332	0.76	62	1985	21.78	4.09E-20	Middle
849-38	1.629	-1.208	0.95	67	1985	10.90	4.88E-43	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-40	0.678	0.018	0.75	18	1984	2.47	3.59E-06	Lower
849-40	0.700	-0.159	0.70	18	1984	2.65	1.38E-05	Middle
849-40	1.289	-1.159	0.86	24	1984	5.57	7.99E-11	Upper
849-41	1.566	-1.278	0.95	12	1984	1.54	8.42E-08	Lower
849-41	1.452	-1.390	0.94	9	1984	1.20	2.06E-05	Middle
849-41	1.409	-1.443	0.94	17	1984	2.05	1.48E-10	Upper
849-45	1.906	-0.913	0.97	5	1987	0.64	2.29E-03	Middle
849-45	1.648	-1.169	0.93	6	1987	1.40	2.15E-03	Upper
849-46	1.719	-1.079	0.91	10	1987	2.84	1.59E-05	Lower
849-46	1.515	-1.296	0.91	10	1987	1.73	1.59E-05	Middle
849-46	1.485	-1.343	0.93	15	1987	2.36	6.58E-09	Upper
850-02	0.415	0.476	0.51	126	1987	12.37	6.78E-21	Lower
850-03	1.494	-1.375	0.97	33	1971	3.22	1.02E-24	Lower
850-03	1.454	-1.421	0.97	31	1971	2.70	9.35E-24	Middle
850-03	1.312	-1.574	0.97	38	1971	2.74	1.25E-28	Upper
850-05	1.450	-1.424	0.96	43	1965	5.78	5.41E-30	Lower
850-05	1.311	-1.577	0.98	47	1965	2.41	1.48E-39	Middle
850-05	1.207	-1.693	0.99	49	1965	1.01	6.30E-49	Upper
850-07	1.276	-1.619	0.99	28	1958	1.07	6.40E-26	Lower
850-07	1.195	-1.708	0.99	31	1958	0.56	1.56E-32	Middle
850-07	1.138	-1.771	1.00	32	1958	0.18	2.04E-40	Upper
850-19	1.545	-1.297	0.95	58	1981	6.69	2.83E-38	Lower
850-19	1.489	-1.362	0.96	54	1981	5.09	6.31E-37	Middle
850-19	1.415	-1.446	0.96	63	1981	5.23	1.85E-43	Upper
850-20	1.438	-1.427	0.97	51	1973	3.07	1.80E-39	Lower
850-20	1.371	-1.493	0.95	48	1973	4.45	8.70E-32	Middle
850-20	1.307	-1.563	0.94	57	1973	5.66	4.52E-36	Upper
850-28	0.636	0.257	0.62	108	1991	18.24	5.96E-24	Lower
850-28	1.365	-0.586	0.72	106	1991	52.25	3.79E-30	Middle
850-28	1.613	-1.072	0.87	114	1991	30.07	2.63E-51	Upper
850-29	0.651	0.003	0.77	56	1965	6.71	4.95E-19	Lower
850-29	1.234	-0.771	0.68	60	1967	43.39	6.26E-16	Middle
850-29	1.374	-1.262	0.81	64	1967	29.69	4.40E-24	Upper
850-31	1.531	-1.327	0.96	72	1976	7.68	2.05E-51	Lower
850-31	1.453	-1.407	0.95	73	1976	8.57	1.68E-48	Middle
850-31	1.317	-1.562	0.97	78	1976	5.13	2.38E-58	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
851-14	0.720	-0.196	0.85	8	1981	0.75	1.14E-03	Lower
851-14	0.619	-0.234	0.65	8	1981	1.00	1.56E-02	Middle
851-14	1.126	-1.080	0.80	14	1981	4.19	1.77E-05	Upper
852-01	1.307	-1.588	0.99	72	1965	1.76	1.03E-70	Lower
852-01	1.220	-1.681	0.99	75	1965	0.82	4.55E-83	Middle
852-01	1.163	-1.743	1.00	78	1965	0.59	9.40E-92	Upper
852-02	1.193	-1.161	0.85	39	1968	14.94	6.86E-17	Lower
852-02	1.304	-1.529	0.96	39	1968	4.08	1.22E-27	Middle
852-02	1.222	-1.575	0.94	46	1968	6.72	4.73E-28	Upper
852-03	1.489	-1.769	0.61	147	1987	176.10	4.00E-31	Middle
852-03	1.425	-1.824	0.61	157	1987	168.82	1.11E-33	Upper
852-04	1.268	-1.631	1.00	36	1965	0.47	2.85E-41	Lower
852-04	1.197	-1.707	1.00	39	1965	0.38	3.03E-46	Middle
852-04	1.154	-1.754	1.00	41	1965	0.12	7.34E-58	Upper
852-05	1.305	-1.587	0.98	37	1964	2.10	1.88E-31	Lower
852-05	1.197	-1.708	1.00	36	1964	0.13	6.19E-50	Middle
852-05	1.161	-1.746	1.00	43	1964	0.18	3.24E-57	Upper
852-06	1.340	-1.544	0.97	73	1957	6.11	2.19E-55	Lower
852-06	1.251	-1.642	0.97	74	1957	4.73	1.65E-58	Middle
852-06	1.161	-1.741	0.98	79	1957	3.33	3.71E-66	Upper
852-07	1.457	-1.427	1.00	15	1990	0.09	2.35E-18	Lower
852-07	1.441	-1.434	0.98	16	1990	0.61	6.68E-14	Middle
852-07	1.429	-1.438	0.98	21	1990	0.90	4.70E-18	Upper
852-09	1.551	-1.047	0.92	60	1991	7.60	6.10E-34	Lower
852-09	1.557	-1.222	0.95	60	1991	4.02	1.31E-40	Middle
852-09	1.487	-1.324	0.97	66	1991	3.17	6.28E-49	Upper
852-11	1.051	-0.322	0.67	147	1974	85.86	1.44E-36	Lower
852-11	1.546	-1.665	0.73	148	1974	139.48	3.79E-43	Middle
852-11	1.443	-1.766	0.73	153	1974	123.44	4.20E-45	Upper
852-12	0.929	0.030	0.98	169	1978	2.81	2.26E-145	Lower
852-12	1.232	-0.447	0.80	169	1978	62.49	1.60E-60	Middle
852-12	1.636	-1.242	0.85	179	1973	82.12	4.48E-75	Upper
852-13	1.323	-1.567	0.99	19	1951	0.78	1.87E-17	Lower
852-13	1.249	-1.647	0.97	20	1951	1.54	1.69E-15	Middle
852-13	1.160	-1.745	0.98	25	1951	0.91	3.57E-22	Upper
852-15	1.278	-1.615	0.98	57	1960	2.46	5.12E-51	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-15	1.195	-1.706	0.99	53	1960	1.71	3.18E-49	Middle
852-15	1.154	-1.750	0.99	63	1960	1.97	1.34E-57	Upper
852-16	0.900	-0.014	0.98	42	1972	0.72	3.37E-37	Lower
852-16	1.282	-0.621	0.82	42	1972	18.99	2.69E-16	Middle
852-16	1.585	-1.208	0.97	47	1972	3.95	4.52E-37	Upper
852-17	1.559	-1.316	0.99	11	1972	0.23	1.97E-11	Lower
852-17	1.515	-1.359	0.99	11	1972	0.41	4.37E-10	Middle
852-17	1.429	-1.451	0.97	17	1972	1.36	3.28E-13	Upper
852-19	1.310	-0.973	0.86	34	1972	11.79	2.00E-15	Lower
852-19	1.446	-1.426	0.97	33	1972	3.11	1.76E-24	Middle
852-19	1.342	-1.536	0.95	39	1972	4.85	2.39E-25	Upper
852-20	1.674	-1.096	0.62	26	1994	26.38	2.04E-06	Lower
852-20	1.878	-1.428	0.73	28	1994	20.07	7.41E-09	Middle
852-20	1.752	-1.568	0.75	32	1994	18.97	1.74E-10	Upper
852-21	1.331	-0.669	0.78	52	1991	26.02	7.23E-18	Lower
852-21	1.582	-1.209	0.94	53	1975	7.60	9.86E-34	Middle
852-21	1.446	-1.361	0.95	61	1991	6.01	6.63E-41	Upper
852-25	1.374	-1.846	0.67	39	1971	36.37	1.75E-10	Lower
852-25	1.243	-1.941	0.69	41	1971	29.80	1.91E-11	Middle
852-25	1.123	-2.045	0.66	43	1971	28.31	3.81E-11	Upper
852-26	0.918	0.064	0.97	132	1984	3.31	9.91E-100	Lower
852-26	1.369	-0.706	0.70	134	1984	103.12	5.64E-36	Middle
852-26	1.553	-1.559	0.74	141	1984	113.16	5.38E-42	Upper
852-30	0.818	-0.024	0.94	81	1963	3.55	5.15E-51	Lower
852-30	1.590	-1.018	0.90	78	1963	24.80	4.88E-39	Middle
852-30	1.492	-1.220	0.92	86	1963	17.70	1.91E-48	Upper
852-32	1.577	-1.282	0.96	8	1974	0.98	2.23E-05	Lower
852-32	1.514	-1.353	0.97	7	1974	0.56	4.04E-05	Middle
852-32	1.425	-1.453	0.96	13	1974	1.20	4.98E-09	Upper
852-36	1.569	-1.292	0.98	29	1974	2.06	1.30E-23	Lower
852-36	1.494	-1.368	0.97	30	1974	2.22	5.51E-23	Middle
852-36	1.385	-1.497	0.98	34	1974	1.83	8.96E-28	Upper
853-01	1.528	-1.179	0.70	157	1958	136.54	2.59E-42	Lower
853-01	1.567	-1.503	0.77	158	1958	102.05	2.85E-51	Middle
853-01	1.473	-1.596	0.76	163	1958	100.74	4.69E-51	Upper
853-02	1.330	-0.468	0.68	178	1965	106.95	1.83E-45	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-02	1.728	-1.452	0.79	180	1965	102.83	5.52E-63	Middle
853-02	1.659	-1.517	0.79	184	1967	98.99	2.20E-63	Upper
853-03	1.892	-1.483	0.75	76	1994	54.79	5.59E-24	Lower
853-03	1.823	-1.563	0.77	76	1994	45.07	1.70E-25	Middle
853-03	1.711	-1.647	0.77	82	1994	42.21	1.69E-27	Upper
853-04	1.304	-1.583	0.97	54	1960	4.75	1.96E-40	Lower
853-04	1.206	-1.694	0.99	50	1960	1.57	1.99E-46	Middle
853-04	1.147	-1.759	1.00	60	1960	0.53	7.37E-70	Upper
853-05	1.350	-1.525	0.94	43	1966	6.81	2.02E-27	Lower
853-05	1.251	-1.638	0.96	45	1960	4.25	4.58E-32	Middle
853-05	1.158	-1.745	0.99	53	1960	0.71	2.95E-56	Upper
853-07	1.427	-1.460	0.99	14	1957	0.23	6.52E-15	Lower
853-07	1.402	-1.486	0.99	15	1957	0.27	1.26E-15	Middle
853-07	1.294	-1.582	0.98	18	1957	0.96	4.78E-15	Upper
853-08	0.938	-0.387	0.79	67	1982	17.00	1.27E-23	Lower
853-08	1.556	-1.271	0.96	68	1982	7.72	1.39E-46	Middle
853-08	1.422	-1.422	0.96	73	1982	7.26	1.28E-49	Upper
853-09	1.425	-0.649	0.83	42	1979	21.81	8.83E-17	Lower
853-09	1.684	-1.171	1.00	42	1979	0.54	4.81E-50	Middle
853-09	1.567	-1.286	0.99	47	1979	1.57	1.76E-45	Upper
853-10	0.814	0.090	0.90	93	1977	4.17	1.52E-47	Lower
853-10	0.799	-0.097	0.96	91	1977	1.50	7.48E-64	Middle
853-10	1.331	-1.103	0.50	97	1977	105.03	4.41E-16	Upper
853-11	1.592	-1.217	0.98	25	1958	1.65	1.82E-21	Lower
853-11	1.468	-1.348	0.97	24	1958	2.48	1.29E-17	Middle
853-11	1.315	-1.458	0.93	30	1958	5.10	5.60E-18	Upper
853-12	1.829	-1.340	0.83	61	1979	41.34	4.27E-24	Middle
853-12	1.667	-1.556	0.82	66	1979	37.29	8.41E-26	Upper
853-14	1.153	-1.994	0.65	37	1968	26.65	1.34E-09	Lower
853-14	1.177	-1.968	0.67	38	1968	27.69	3.83E-10	Middle
853-14	1.172	-1.980	0.69	43	1968	29.37	6.48E-12	Upper
853-15	1.501	-1.369	0.98	14	1974	0.71	7.80E-12	Lower
853-15	1.401	-1.478	0.98	15	1974	0.78	1.50E-12	Middle
853-15	1.302	-1.584	0.99	20	1974	0.59	7.15E-18	Upper
853-16	1.362	-1.519	0.97	49	1967	3.99	2.08E-38	Lower
853-16	1.292	-1.596	0.97	48	1967	4.35	1.25E-35	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-16	1.215	-1.680	0.98	57	1972	2.90	5.60E-47	Upper
853-17	1.259	-1.640	0.99	13	1955	0.30	7.32E-13	Lower
853-17	1.177	-1.728	1.00	14	1955	0.06	8.31E-18	Middle
853-17	1.124	-1.787	1.00	18	1955	0.03	1.76E-26	Upper
853-18	1.512	-1.360	0.98	27	1974	2.10	2.71E-22	Lower
853-18	1.430	-1.452	0.98	28	1974	1.37	4.38E-25	Middle
853-18	1.298	-1.593	0.99	33	1974	1.16	1.88E-30	Upper
853-19	1.383	-1.549	0.71	30	1954	22.90	4.33E-09	Lower
853-19	1.325	-1.699	0.71	31	1954	22.32	2.30E-09	Middle
853-19	1.269	-1.816	0.69	36	1954	26.64	3.63E-10	Upper
853-20	1.367	-1.424	0.93	117	1984	20.57	1.16E-68	Lower
853-20	1.307	-1.480	0.91	120	1984	24.24	6.32E-65	Middle
853-20	1.237	-1.557	0.91	128	1960	23.24	2.87E-68	Upper
853-22	1.402	-1.472	0.96	126	1951	11.71	7.61E-88	Lower
853-22	1.360	-1.516	0.95	127	1951	13.19	5.75E-83	Middle
853-22	1.301	-1.578	0.93	132	1951	18.49	5.01E-77	Upper
853-26	1.311	-1.571	0.97	67	1966	5.45	1.91E-49	Lower
853-26	1.245	-1.645	0.97	68	1966	4.68	2.10E-51	Middle
853-26	1.186	-1.713	0.99	73	1966	1.96	3.29E-67	Upper
853-27	1.486	-1.371	0.97	35	1977	2.22	4.68E-26	Lower
853-27	1.431	-1.428	0.97	41	1977	1.99	4.24E-32	Middle
853-27	1.370	-1.490	0.96	41	1977	2.61	3.72E-29	Upper
853-28	0.889	0.049	0.92	80	1983	4.79	2.32E-45	Lower
853-28	1.305	-0.454	0.75	84	1983	44.06	2.16E-26	Middle
853-28	1.704	-1.024	0.90	86	1983	25.58	1.14E-43	Upper
853-33	1.127	-1.059	0.73	109	1982	71.59	3.46E-32	Lower
853-33	1.373	-1.622	0.91	108	1982	26.72	2.52E-58	Middle
853-33	1.295	-1.698	0.92	120	1968	23.85	1.92E-66	Upper
853-34	1.371	-1.674	0.78	91	1961	61.39	8.59E-31	Lower
853-34	1.298	-1.910	0.84	94	1961	37.83	2.36E-38	Middle
853-34	1.215	-1.972	0.85	100	1961	34.02	5.88E-42	Upper
853-37	1.381	-1.036	0.69	43	1967	39.46	7.36E-12	Lower
853-37	1.460	-1.663	0.72	49	1967	40.63	1.01E-14	Middle
853-37	1.400	-1.700	0.74	55	1967	40.22	3.38E-17	Upper
853-39	1.141	-0.413	0.68	32	1991	13.85	6.50E-09	Lower
853-39	1.696	-1.038	0.90	34	1991	7.87	1.18E-17	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-39	1.568	-1.188	0.92	38	1991	5.88	5.61E-21	Upper
853-41	1.457	-1.799	0.72	8	1967	7.53	8.08E-03	Lower
853-41	1.424	-1.765	0.72	9	1967	7.65	3.73E-03	Middle
853-41	1.421	-1.886	0.71	11	1967	10.36	1.19E-03	Upper
854-01	1.409	-1.744	0.71	186	1962	168.58	8.84E-51	Middle
854-01	1.324	-1.811	0.69	192	1962	161.24	1.05E-50	Upper
854-03	1.408	-1.470	0.98	45	1981	1.93	2.04E-40	Lower
854-03	1.325	-1.566	1.00	41	1981	0.45	1.86E-47	Middle
854-03	1.279	-1.615	1.00	50	1981	0.33	4.72E-62	Upper
854-09	1.489	-1.098	0.89	17	1977	5.31	1.45E-08	Lower
854-09	1.629	-1.204	0.98	17	1977	1.12	8.15E-14	Middle
854-09	1.383	-1.396	0.94	26	1977	3.24	1.50E-16	Upper
854-12	1.593	-0.531	0.55	9	1986	7.50	2.14E-02	Lower
854-12	1.892	-0.958	1.00	11	1986	0.02	2.58E-15	Middle
854-12	1.747	-1.106	0.99	12	1986	0.15	2.16E-12	Upper
854-13	1.371	-0.796	0.59	72	1992	70.78	4.19E-15	Middle
854-13	1.648	-1.214	0.78	81	1960	47.08	8.45E-28	Upper
854-15	1.284	-1.606	0.96	23	1965	2.42	1.32E-16	Lower
854-15	1.219	-1.676	0.97	20	1965	1.83	1.24E-14	Middle
854-15	1.217	-1.677	0.96	29	1965	2.61	5.23E-21	Upper
854-20	1.280	-1.886	0.80	11	1970	5.86	2.10E-04	Lower
854-20	1.262	-2.005	0.74	12	1970	8.08	3.60E-04	Middle
854-20	1.236	-1.979	0.81	16	1970	7.41	2.21E-06	Upper
854-21	1.400	-1.490	1.00	3	1970	0.00	1.99E-16	Lower
854-21	1.522	-1.357	1.00	4	1970	0.00	5.54E-33	Middle
854-21	1.373	-1.500	0.99	6	1970	0.10	1.48E-05	Upper
854-23	0.706	-0.042	0.82	228	1984	20.78	4.48E-86	Lower
854-23	0.683	-0.182	0.81	228	1984	20.35	1.06E-83	Middle
854-23	1.023	-0.846	0.74	245	1984	72.96	6.66E-73	Upper
854-24	1.297	-1.922	0.76	44	1957	29.74	1.06E-14	Lower
854-24	1.240	-1.988	0.75	46	1957	30.26	8.79E-15	Middle
854-24	1.198	-2.000	0.76	49	1957	28.83	3.76E-16	Upper
854-25	1.460	-1.397	0.96	22	1966	2.95	2.63E-15	Lower
854-25	1.391	-1.477	0.95	24	1966	3.68	9.59E-16	Middle
854-25	1.338	-1.511	0.92	31	1978	6.25	1.64E-17	Upper
854-27	0.645	-0.265	0.84	12	1985	0.92	2.76E-05	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-27	1.080	-0.794	0.73	12	1985	5.70	4.17E-04	Middle
854-27	1.403	-1.444	0.96	17	1985	1.46	1.61E-11	Upper
854-28	0.431	0.532	0.50	153	1994	13.60	1.00E-24	Lower
854-28	0.546	0.310	0.57	151	1994	16.15	2.59E-29	Middle
855-09	1.506	-1.374	1.00	104	1989	0.68	8.39E-133	Lower
855-09	1.440	-1.444	1.00	103	1989	0.23	9.23E-154	Middle
855-09	1.385	-1.495	1.00	110	1989	1.07	7.06E-127	Upper
855-15	1.354	-1.936	0.56	8	1994	6.06	3.25E-02	Upper
856-01	1.295	-1.595	0.98	59	1958	3.67	3.36E-48	Lower
856-01	1.246	-1.648	0.97	57	1958	3.66	4.24E-45	Middle
856-01	1.163	-1.741	0.99	65	1958	1.33	8.50E-65	Upper
856-02	1.364	-1.625	0.89	166	1951	59.52	2.91E-81	Lower
856-02	1.342	-1.768	0.90	166	1951	50.94	7.05E-85	Middle
856-02	1.206	-1.876	0.91	175	1959	37.34	1.86E-94	Upper
856-06	1.293	-1.599	0.99	19	1962	0.72	2.56E-17	Lower
856-06	1.192	-1.710	0.99	15	1962	0.27	2.54E-15	Middle
856-06	1.165	-1.738	0.99	25	1962	0.42	1.31E-25	Upper
856-07	1.360	-1.520	0.97	155	1965	9.24	4.81E-121	Lower
856-07	1.281	-1.607	0.97	152	1965	9.57	1.21E-113	Middle
856-07	1.198	-1.699	0.98	161	1965	4.62	1.18E-141	Upper
856-08	1.339	-1.543	0.98	94	1964	4.78	3.60E-77	Lower
856-08	1.258	-1.633	0.98	90	1964	3.81	6.30E-75	Middle
856-08	1.182	-1.717	0.99	100	1964	1.76	7.25E-99	Upper
857-02	1.371	-1.504	0.95	35	1966	5.00	4.76E-23	Lower
857-02	1.298	-1.585	0.94	38	1966	5.55	4.49E-24	Middle
857-02	1.239	-1.651	0.95	41	1966	4.14	7.40E-28	Upper
857-03	1.293	-1.588	0.96	21	1963	2.33	2.50E-14	Lower
857-03	1.247	-1.642	0.96	20	1963	2.20	8.03E-14	Middle
857-03	1.191	-1.703	0.96	27	1963	1.99	2.04E-19	Upper
857-04	0.815	-0.054	0.75	26	1986	4.98	1.26E-08	Lower
857-04	1.061	-0.362	0.70	28	1986	12.17	3.52E-08	Middle
857-04	1.573	-1.209	0.87	32	1986	9.74	7.76E-15	Upper
857-05	1.453	-1.426	0.99	32	1976	1.40	2.21E-29	Lower
857-05	1.389	-1.497	0.99	33	1976	0.95	1.45E-32	Middle
857-05	1.271	-1.624	0.99	38	1976	0.56	4.34E-41	Upper
857-06	1.611	-1.248	0.97	58	1976	6.58	4.23E-44	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-06	1.523	-1.349	0.99	59	1976	2.75	2.30E-54	Middle
857-06	1.393	-1.487	0.98	63	1976	3.80	4.05E-52	Upper
857-08	1.511	-1.361	0.98	21	1965	1.80	8.56E-17	Lower
857-08	1.372	-1.511	0.98	24	1965	1.61	1.70E-19	Middle
857-08	1.259	-1.635	0.98	27	1965	1.03	9.95E-24	Upper
857-09	1.451	-1.419	0.96	52	1963	5.28	3.12E-37	Lower
857-09	1.388	-1.482	0.95	51	1963	5.83	6.34E-34	Middle
857-09	1.293	-1.587	0.94	58	1963	6.97	1.13E-36	Upper
857-11	1.465	-1.419	1.00	14	1965	0.04	2.04E-19	Lower
857-11	1.324	-1.571	1.00	15	1965	0.01	3.57E-24	Middle
857-11	1.219	-1.684	1.00	17	1965	0.05	4.25E-23	Upper
857-12	1.628	-1.241	0.99	24	1975	1.01	3.52E-23	Lower
857-12	1.515	-1.363	0.99	24	1975	0.52	1.26E-25	Middle
857-12	1.370	-1.518	0.99	28	1975	0.87	5.28E-27	Upper
857-20	1.692	-1.174	1.00	14	1972	0.02	8.15E-23	Lower
857-20	1.555	-1.317	0.98	13	1972	0.91	6.65E-11	Middle
857-20	1.397	-1.490	0.99	17	1972	0.68	1.57E-15	Upper
857-23	1.570	-1.295	0.97	7	1972	0.95	7.63E-05	Lower
857-23	1.641	-1.229	1.00	6	1972	0.01	5.31E-08	Middle
857-23	1.392	-1.487	0.96	11	1972	1.31	1.41E-07	Upper
857-25	1.417	-0.689	0.82	88	1986	41.32	5.07E-34	Lower
857-25	1.649	-1.173	0.94	89	1986	16.97	1.31E-54	Middle
857-25	1.487	-1.365	0.96	94	1986	8.65	2.29E-67	Upper
857-26	1.294	-1.600	0.98	15	1967	0.85	2.20E-12	Lower
857-26	1.215	-1.687	1.00	17	1967	0.11	7.15E-21	Middle
857-26	1.169	-1.737	1.00	20	1967	0.07	2.56E-26	Upper
857-32	0.847	-0.068	0.90	20	1981	1.82	1.41E-10	Lower
857-32	0.713	-0.190	0.81	20	1981	2.74	7.57E-08	Middle
857-32	1.316	-1.043	0.83	25	1981	10.08	2.17E-10	Upper
857-33	1.402	-0.729	0.87	52	1979	17.88	9.70E-24	Lower
857-33	1.650	-1.213	0.99	50	1979	1.95	8.15E-48	Middle
857-33	1.495	-1.381	0.98	56	1979	3.30	2.80E-46	Upper
857-35	1.482	-1.263	0.95	7	1960	1.15	1.97E-04	Lower
857-35	1.396	-1.944	0.76	8	1967	6.08	4.81E-03	Middle
857-35	1.413	-1.839	0.83	13	1967	6.79	1.36E-05	Upper
857-36	1.372	-1.502	0.96	19	1967	1.75	3.81E-13	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
857-36	1.277	-1.610	0.98	22	1967	1.00	7.51E-18	Middle
857-36	1.225	-1.670	0.99	25	1967	0.59	1.01E-22	Upper
857-37	0.835	-0.036	0.80	97	1986	13.65	1.71E-34	Lower
857-37	0.740	-0.135	0.78	94	1986	11.33	1.84E-32	Middle
857-37	0.977	-0.633	0.68	103	1986	36.02	9.32E-27	Upper
857-63	0.853	-0.046	0.89	116	1985	10.00	4.06E-57	Lower
857-63	0.848	-0.217	0.75	117	1985	27.46	7.44E-37	Middle
857-63	1.505	-1.324	0.93	122	1985	21.34	5.32E-70	Upper
857-65	1.346	-1.540	0.98	35	1966	2.03	9.81E-29	Lower
857-65	1.250	-1.642	0.98	38	1966	1.80	1.04E-31	Middle
857-65	1.188	-1.712	0.99	41	1966	0.74	4.08E-41	Upper
857-67	1.573	-1.545	0.66	25	1966	25.24	9.18E-07	Lower
857-67	1.459	-1.627	0.63	25	1966	22.43	2.09E-06	Middle
857-67	1.426	-1.695	0.68	31	1966	24.51	9.62E-09	Upper
857-68	0.714	0.143	0.83	74	1966	6.04	3.80E-29	Lower
857-68	1.794	-0.804	0.92	76	1966	16.76	5.89E-42	Middle
857-68	1.750	-1.415	0.82	80	1966	42.72	2.47E-30	Upper
858-01	1.699	-1.087	0.96	91	1991	8.25	3.31E-63	Lower
858-01	1.623	-1.186	0.97	90	1991	5.21	3.65E-69	Middle
858-01	1.524	-1.307	0.98	96	1991	3.67	2.18E-79	Upper
858-02	1.286	-1.608	1.00	33	1967	0.27	1.59E-39	Lower
858-02	1.227	-1.674	1.00	32	1967	0.22	2.25E-38	Middle
858-02	1.172	-1.731	0.99	39	1967	0.41	5.87E-43	Upper
858-05	0.814	-0.279	0.56	95	1977	47.18	2.55E-18	Lower
858-05	1.372	-1.371	0.62	97	1979	106.37	1.13E-21	Middle
858-05	1.530	-1.660	0.76	102	1977	71.35	9.67E-33	Upper
858-08	1.443	-1.437	0.99	22	1973	0.66	2.62E-21	Lower
858-08	1.367	-1.520	0.99	20	1973	0.63	1.33E-18	Middle
858-08	1.249	-1.647	0.99	27	1970	0.60	3.43E-26	Upper
858-11	1.654	-1.173	0.96	58	1987	5.60	7.04E-42	Lower
858-11	1.606	-1.223	0.95	57	1987	6.50	1.07E-38	Middle
858-11	1.516	-1.313	0.94	63	1987	8.46	5.32E-39	Upper
858-12	0.855	-0.048	0.98	52	1956	0.74	9.66E-45	Lower
858-12	1.340	-0.624	0.83	55	1956	21.40	8.98E-22	Middle
858-12	1.673	-1.067	0.96	57	1956	6.24	7.63E-41	Upper
859-01	1.279	-1.614	0.98	14	1958	1.04	5.21E-11	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-01	1.204	-1.697	0.98	13	1958	0.79	2.10E-10	Middle
859-01	1.162	-1.740	0.98	20	1958	1.08	4.11E-16	Upper
859-02	1.236	-0.909	0.85	24	1968	9.12	1.36E-10	Lower
859-02	1.421	-1.454	0.96	27	1968	3.15	3.33E-19	Middle
859-02	1.327	-1.555	0.96	30	1968	3.34	1.72E-20	Upper
859-03	0.653	0.083	0.83	61	1990	3.82	9.55E-25	Lower
859-03	0.980	-0.334	0.71	60	1990	18.97	5.08E-17	Middle
859-03	1.552	-1.181	0.90	67	1990	13.67	1.14E-33	Upper
859-04	1.328	-1.563	0.98	66	1960	4.54	6.75E-55	Lower
859-04	1.229	-1.670	0.98	70	1960	3.21	8.41E-62	Middle
859-04	1.149	-1.760	1.00	71	1960	0.31	1.32E-95	Upper
859-05	1.320	-1.570	0.98	54	1965	2.82	4.38E-46	Lower
859-05	1.216	-1.685	1.00	57	1965	0.50	1.84E-67	Middle
859-05	1.161	-1.745	1.00	59	1965	0.22	3.23E-79	Upper
859-06	1.400	-1.470	0.95	72	1966	9.89	2.87E-47	Lower
859-06	1.294	-1.586	0.96	77	1966	7.68	6.84E-53	Middle
859-06	1.205	-1.689	0.98	78	1966	3.46	3.87E-64	Upper
859-07	1.615	-1.523	0.68	20	1985	20.73	8.41E-06	Middle
859-07	1.537	-1.653	0.68	24	1985	22.24	6.55E-07	Upper
859-08	0.557	0.049	0.73	230	1992	26.24	6.75E-67	Lower
859-08	1.251	-0.986	0.78	229	1983	97.34	1.14E-77	Middle
859-08	1.312	-1.305	0.84	249	1965	75.80	7.25E-102	Upper
859-11	1.357	-1.807	0.73	50	1951	29.93	2.92E-15	Middle
859-11	1.274	-1.890	0.74	53	1951	28.48	2.07E-16	Upper
859-12	1.512	-1.354	0.98	46	1970	2.01	1.55E-40	Lower
859-12	1.448	-1.420	0.97	49	1970	3.15	9.52E-39	Middle
859-12	1.321	-1.556	0.96	52	1970	3.97	6.63E-37	Upper
859-13	1.309	-1.383	0.74	46	1961	36.64	1.85E-14	Lower
859-13	1.349	-1.816	0.81	47	1961	24.71	5.54E-18	Middle
859-13	1.291	-1.861	0.84	52	1961	22.40	2.92E-21	Upper
859-14	1.416	-1.455	0.97	91	1970	8.17	6.28E-68	Lower
859-14	1.322	-1.559	0.97	91	1970	6.46	4.04E-70	Middle
859-14	1.233	-1.659	0.98	97	1970	3.72	1.29E-83	Upper
859-15	0.834	0.200	0.92	115	1990	4.89	3.47E-63	Lower
859-15	1.800	-1.250	0.67	121	1990	130.15	1.75E-30	Upper
859-17	1.283	-1.634	0.69	51	1956	41.32	5.24E-14	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-17	1.159	-1.963	0.67	52	1956	35.58	1.07E-13	Middle
859-17	1.135	-1.996	0.69	57	1956	36.37	1.14E-15	Upper
859-18	0.798	-0.072	0.93	22	1981	0.94	6.17E-13	Lower
859-18	0.796	-0.075	0.93	25	1981	0.99	7.61E-15	Middle
859-18	1.106	-0.457	0.75	28	1981	9.40	2.50E-09	Upper
859-19	1.226	-0.270	0.79	91	1981	34.84	8.79E-32	Lower
859-19	1.824	-0.969	0.98	92	1981	5.20	1.36E-80	Middle
859-19	1.704	-1.094	0.98	96	1981	6.58	1.07E-77	Upper
859-20	1.450	-1.422	0.98	35	1966	2.38	1.33E-28	Lower
859-20	1.375	-1.497	0.96	36	1966	3.72	4.36E-25	Middle
859-20	1.276	-1.608	0.95	41	1966	4.21	9.07E-28	Upper
859-21	1.462	-0.387	0.57	231	1992	234.87	1.09E-43	Lower
859-21	2.017	-0.987	0.86	230	1992	95.38	3.18E-99	Middle
859-21	1.892	-1.108	0.86	235	1994	85.34	1.63E-101	Upper
859-22	1.358	-1.521	0.97	163	1964	13.34	6.20E-122	Lower
859-22	1.280	-1.605	0.96	162	1964	13.71	3.31E-116	Middle
859-22	1.199	-1.696	0.97	174	1965	9.15	3.84E-136	Upper
859-24	1.781	-1.009	0.94	18	1991	2.95	3.19E-11	Lower
859-24	1.748	-1.063	0.96	18	1991	2.24	3.01E-12	Middle
859-24	1.575	-1.236	0.95	23	1991	2.12	1.46E-15	Upper
859-25	0.944	0.021	1.00	115	1973	0.50	4.37E-135	Lower
859-25	1.535	-1.201	0.73	115	1973	110.20	6.88E-34	Middle
859-25	1.618	-1.614	0.78	121	1973	95.71	2.28E-41	Upper
860-01	0.743	-0.174	0.91	55	1980	2.93	1.54E-29	Lower
860-01	0.827	-0.406	0.75	55	1980	11.56	1.05E-17	Middle
860-01	1.446	-1.404	0.95	60	1980	6.97	1.50E-38	Upper
860-07	1.569	-1.073	0.91	68	1955	17.81	1.92E-36	Lower
860-07	1.508	-1.241	0.94	71	1955	12.54	5.98E-43	Middle
860-07	1.396	-1.334	0.90	73	1955	16.97	7.62E-38	Upper
860-08	1.357	-1.529	0.98	11	1945	0.78	8.22E-09	Lower
860-08	1.330	-1.557	0.96	15	1945	1.62	1.69E-10	Middle
860-08	1.236	-1.657	0.96	18	1953	1.77	1.44E-12	Upper
860-10	0.680	-0.226	0.97	6	1953	0.11	3.37E-04	Lower
860-10	1.295	-0.843	0.79	6	1953	3.12	1.83E-02	Middle
860-10	1.341	-1.504	0.79	12	1953	6.35	1.22E-04	Upper
861-03	1.373	-1.516	1.00	68	1964	0.76	5.67E-78	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
861-03	1.331	-1.562	1.00	66	1964	0.14	3.58E-97	Middle
861-03	1.255	-1.639	0.98	74	1964	2.83	7.56E-63	Upper
861-04	1.282	-0.482	0.56	32	1964	26.05	8.99E-07	Lower
861-04	1.153	-2.008	0.68	35	1964	16.06	1.18E-09	Middle
861-04	1.139	-1.994	0.67	37	1964	16.94	4.83E-10	Upper
861-05	1.332	-1.558	0.99	12	1955	0.25	8.73E-12	Lower
861-05	1.314	-1.579	0.99	9	1955	0.15	4.46E-09	Middle
861-05	1.202	-1.701	0.99	17	1955	0.38	4.57E-16	Upper
861-06	1.488	-1.393	1.00	19	1981	0.12	2.33E-24	Lower
861-06	1.395	-1.493	1.00	20	1981	0.08	4.11E-27	Middle
861-06	1.318	-1.574	1.00	23	1981	0.25	3.64E-26	Upper
861-08	1.206	-0.817	0.79	92	1977	40.94	1.02E-32	Lower
861-08	1.477	-1.285	0.95	91	1977	12.88	8.35E-59	Middle
861-08	1.455	-1.617	0.86	100	1977	38.22	2.37E-44	Upper
861-09	1.122	-1.789	1.00	7	1956	0.00	1.22E-10	Upper
861-10	1.190	-1.978	0.61	19	1983	14.83	8.42E-05	Lower
861-10	1.075	-2.054	0.60	16	1983	10.16	4.29E-04	Middle
861-10	1.140	-2.042	0.65	23	1983	14.90	3.73E-06	Upper
861-11	1.500	-1.373	0.99	32	1979	1.11	2.64E-30	Lower
861-11	1.444	-1.435	0.99	31	1979	0.55	7.37E-33	Middle
861-11	1.329	-1.562	0.99	37	1979	0.65	3.38E-38	Upper
861-14	1.246	-1.946	0.71	104	1957	54.22	1.47E-29	Lower
861-14	1.227	-1.965	0.71	106	1957	55.42	2.33E-29	Middle
861-14	1.113	-2.064	0.72	110	1974	46.04	7.89E-32	Upper
861-15	1.130	-1.981	0.59	16	1964	11.72	5.41E-04	Upper
861-17	1.190	-1.901	0.53	8	1959	6.75	3.97E-02	Lower
861-17	1.289	-1.842	0.57	12	1959	10.51	4.61E-03	Upper
861-18	1.029	-0.262	0.61	41	1983	20.44	1.35E-09	Lower
861-18	1.702	-1.235	0.80	45	1983	24.66	1.07E-16	Middle
861-18	1.581	-1.570	0.77	46	1983	26.06	1.59E-15	Upper
861-19	1.151	-0.416	0.71	13	1986	5.93	2.87E-04	Lower
861-19	1.689	-1.268	0.80	17	1986	9.49	1.50E-06	Middle
861-19	1.624	-1.496	0.81	19	1986	9.66	1.67E-07	Upper
862-01	1.520	-1.348	0.98	56	1977	3.34	4.07E-48	Lower
862-01	1.469	-1.400	0.97	51	1977	4.58	5.30E-39	Middle
862-01	1.371	-1.505	0.96	62	1977	6.18	7.60E-44	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
862-04	0.825	-0.476	0.79	101	1963	20.37	8.02E-36	Lower
862-04	1.389	-1.484	0.96	100	1963	10.14	1.44E-68	Middle
862-04	1.320	-1.559	0.96	107	1963	9.89	8.27E-73	Upper
862-06	0.720	-0.075	0.91	67	1960	3.98	1.91E-35	Lower
862-06	1.113	-0.633	0.75	66	1960	30.88	4.94E-21	Middle
862-06	1.441	-1.176	0.86	73	1960	27.01	2.67E-32	Upper
862-07	0.715	-0.131	0.93	78	1955	3.14	4.32E-45	Lower
862-07	1.409	-0.996	0.84	83	1955	31.21	4.46E-34	Middle
862-07	1.373	-1.280	0.83	84	1955	33.44	5.04E-33	Upper
862-09	1.164	-2.049	0.72	92	1959	58.46	1.18E-26	Lower
862-09	1.081	-2.123	0.71	93	1959	52.88	4.88E-26	Middle
862-09	1.072	-2.130	0.74	97	1959	48.67	1.51E-29	Upper
862-11	1.290	-1.594	0.95	36	1962	3.65	4.15E-24	Lower
862-11	1.228	-1.663	0.96	36	1962	3.27	9.25E-25	Middle
862-11	1.162	-1.737	0.98	42	1962	1.22	1.16E-36	Upper
862-14	1.417	-1.467	0.99	63	1962	2.04	2.69E-63	Lower
862-14	1.357	-1.530	0.99	63	1962	2.59	8.00E-59	Middle
862-14	1.265	-1.631	0.98	69	1962	3.03	1.96E-61	Upper
862-17	1.283	-1.062	0.59	153	1982	162.86	4.15E-31	Middle
862-17	1.634	-1.506	0.82	160	1982	84.94	4.89E-61	Upper
862-21	1.344	-1.534	0.97	148	1957	11.81	1.71E-109	Lower
862-21	1.276	-1.607	0.96	147	1960	11.89	2.60E-105	Middle
862-21	1.202	-1.687	0.96	160	1960	11.82	2.25E-112	Upper
863-01	1.154	-1.754	1.00	5	1958	0.00	2.01E-48	Lower
863-01	1.135	-1.775	1.00	8	1958	0.00	4.48E-12	Upper
863-02	1.383	-1.644	0.61	89	1951	66.36	2.28E-19	Lower
863-02	1.331	-1.805	0.66	86	1951	47.23	1.77E-21	Middle
863-02	1.353	-1.792	0.67	94	1952	51.76	3.88E-24	Upper
863-06	0.839	0.008	0.95	143	1984	3.83	1.39E-96	Lower
863-06	1.628	-0.762	0.88	141	1984	41.75	3.38E-65	Middle
863-06	1.591	-1.292	0.81	149	1984	68.86	1.86E-55	Upper
863-07	0.781	0.077	0.92	143	1990	5.18	1.63E-80	Lower
863-07	1.399	-0.848	0.59	141	1990	139.44	2.25E-28	Middle
863-07	1.629	-1.465	0.69	149	1990	127.11	5.37E-39	Upper
863-08	1.348	-1.845	0.63	27	1976	25.89	8.12E-07	Lower
863-08	1.423	-1.753	0.67	30	1976	27.73	3.35E-08	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
863-08	1.350	-1.848	0.64	31	1976	28.77	6.93E-08	Upper
863-09	1.785	-1.074	1.00	32	1979	0.05	3.38E-50	Lower
863-09	1.653	-1.216	1.00	30	1979	0.09	6.82E-42	Middle
863-09	1.595	-1.272	0.99	36	1979	0.51	8.76E-39	Upper
863-10	1.392	-1.495	1.00	6	1958	0.08	6.01E-06	Lower
863-10	1.254	-1.644	0.99	7	1958	0.09	6.85E-07	Middle
863-10	1.127	-1.783	1.00	10	1958	0.01	3.30E-14	Upper
864-01	1.394	-1.483	0.97	13	1965	1.26	1.80E-09	Lower
864-01	1.325	-1.551	0.94	11	1965	1.65	7.92E-07	Middle
864-01	1.301	-1.576	0.93	17	1965	3.00	3.96E-10	Upper
864-03	0.760	0.610	0.78	52	1994	3.94	5.18E-18	Lower
864-03	2.282	-0.171	0.83	53	1994	26.85	3.52E-21	Middle
864-03	1.624	-1.427	0.62	56	1994	43.82	8.13E-13	Upper
864-04	0.691	-0.060	0.74	69	1987	8.77	1.59E-21	Lower
864-04	0.704	-0.149	0.75	70	1987	8.68	2.57E-22	Middle
864-04	0.869	-0.493	0.64	75	1987	24.24	6.04E-18	Upper
864-06	1.106	-0.598	0.79	135	1977	37.43	3.01E-47	Lower
864-06	1.505	-1.332	0.95	136	1977	14.40	3.41E-88	Middle
864-06	1.442	-1.393	0.92	141	1977	20.78	9.48E-80	Upper
864-07	0.721	-0.191	0.88	130	1980	8.11	8.22E-62	Lower
864-07	0.654	-0.263	0.84	128	1980	9.39	1.18E-52	Middle
864-07	1.010	-0.944	0.74	136	1980	43.69	1.99E-41	Upper
864-08	1.072	-0.743	0.74	23	1985	9.30	1.55E-07	Lower
864-08	1.427	-1.432	0.97	21	1985	1.41	2.93E-16	Middle
864-08	1.369	-1.481	0.96	29	1985	1.86	3.77E-21	Upper
864-09	0.765	-0.121	0.88	84	1986	4.97	6.88E-40	Lower
864-09	0.686	-0.193	0.81	84	1986	6.84	4.38E-31	Middle
864-09	1.343	-1.120	0.86	90	1986	20.75	1.06E-38	Upper
864-11	0.558	0.006	0.64	116	1987	17.33	8.73E-27	Lower
864-11	0.801	-0.502	0.62	117	1987	38.44	7.72E-26	Middle
864-11	1.402	-1.419	0.94	122	1987	12.12	2.23E-76	Upper
864-13	1.236	-1.665	1.00	10	1967	0.07	3.30E-11	Lower
864-13	1.148	-1.761	1.00	7	1967	0.00	1.61E-79	Middle
864-13	1.152	-1.756	1.00	14	1967	0.02	3.58E-21	Upper
864-14	1.144	-1.920	0.64	42	1967	25.25	2.30E-10	Lower
864-14	1.195	-1.970	0.74	42	1967	18.60	2.38E-13	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
864-14	1.167	-2.013	0.76	48	1967	19.91	1.09E-15	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-05	0.787	0.584	0.87	119	1986	9.55	2.18E-54	Lower
004-05	0.894	0.207	0.90	121	1986	9.30	7.65E-62	Middle
004-05	1.115	-0.432	0.59	125	1986	96.68	1.78E-25	Upper
005-02	4.809	-5.286	0.75	16	1982	0.20	1.38E-05	Lower
005-03	2.885	-2.540	0.58	11	1982	0.12	6.76E-03	Lower
005-06	0.947	0.503	0.99	5	1977	0.03	2.54E-04	Lower
005-06	1.044	0.279	0.99	4	1977	0.05	6.74E-03	Middle
005-06	1.995	-0.829	0.97	9	1977	0.74	1.12E-06	Upper
008-07	0.881	0.199	0.63	28	1986	12.79	5.28E-07	Lower
008-07	1.394	-0.569	0.64	36	1987	38.80	4.64E-09	Upper
008-08	1.689	-1.404	0.79	156	1986	115.88	2.80E-54	Upper
008-09	1.746	-1.324	0.75	295	1966	295.33	2.08E-90	Middle
008-09	1.714	-1.527	0.81	306	1966	213.58	1.50E-110	Upper
009-01	1.347	-1.630	0.69	19	1962	18.01	9.75E-06	Middle
009-01	1.453	-1.550	0.75	32	1972	27.17	1.53E-10	Upper
009-02	1.764	-0.922	0.95	185	1969	37.07	8.55E-122	Lower
009-02	1.754	-1.074	0.98	186	1969	17.75	2.35E-150	Middle
009-02	1.626	-1.218	0.97	194	1989	19.91	2.06E-147	Upper
009-03	0.952	0.043	0.98	224	1974	4.42	8.28E-193	Lower
009-03	0.882	-0.034	0.97	224	1974	6.08	3.47E-171	Middle
009-03	1.090	-0.704	0.78	234	1974	87.00	9.10E-78	Upper
009-04	2.056	-0.759	0.99	71	1992	1.86	1.88E-75	Lower
009-04	2.002	-0.815	0.99	71	1992	2.45	5.08E-71	Middle
009-04	1.836	-0.990	0.97	75	1992	6.78	7.70E-57	Upper
009-05	1.422	-1.765	0.55	66	1988	83.59	8.42E-13	Lower
009-05	1.429	-1.752	0.57	68	1988	82.58	1.00E-13	Middle
009-05	1.234	-1.934	0.55	69	1988	66.87	2.74E-13	Upper
010-01	1.210	-0.219	0.80	130	1974	58.13	5.33E-46	Lower
010-01	1.744	-1.109	1.00	129	1989	2.36	4.60E-148	Middle
010-01	1.607	-1.260	0.99	138	1974	5.00	2.37E-133	Upper
010-06	1.592	-1.761	0.62	53	1982	48.47	2.34E-12	Middle
010-06	1.804	-1.643	0.73	65	1982	55.78	1.85E-19	Upper
012-10	1.085	0.306	0.96	91	1990	2.45	2.24E-63	Lower
012-10	1.932	-0.839	0.97	87	1970	5.27	3.76E-66	Middle
012-10	1.715	-1.068	0.94	100	1990	10.66	1.63E-60	Upper
015-01	1.404	-0.427	0.76	25	1979	22.62	1.56E-08	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-01	1.755	-1.091	0.99	25	1977	1.14	1.35E-24	Middle
015-01	1.567	-1.195	0.93	36	1981	9.82	5.10E-21	Upper
019-30	0.900	-0.020	0.99	9	1979	0.09	6.29E-08	Lower
019-30	0.846	-0.072	0.97	10	1979	0.18	1.56E-07	Middle
019-30	0.711	-0.203	0.82	14	1979	1.46	7.96E-06	Upper
019-31	0.934	0.329	0.96	98	1984	3.11	3.46E-67	Lower
019-31	0.964	0.065	0.95	98	1984	3.74	1.73E-65	Middle
019-31	0.816	-0.168	0.78	104	1984	15.29	1.28E-35	Upper
021-02	1.447	-1.544	0.54	128	1983	179.72	9.59E-23	Upper
021-05	1.623	-0.694	0.73	18	1986	18.39	5.83E-06	Lower
021-05	1.836	-0.957	0.98	16	1986	1.43	8.00E-13	Middle
021-05	1.584	-1.515	0.78	28	1986	18.59	4.60E-10	Upper
026-09	1.992	-0.837	1.00	67	1991	0.99	6.28E-80	Lower
026-09	1.929	-0.903	1.00	66	1991	1.01	3.33E-77	Middle
026-09	1.717	-1.147	0.98	73	1991	5.12	7.68E-59	Upper
027-01	1.507	-1.235	0.71	251	1978	267.33	5.54E-69	Middle
027-01	1.619	-1.619	0.86	260	1978	130.85	5.05E-111	Upper
027-02	1.811	-1.037	0.99	134	1988	3.35	1.01E-144	Lower
027-02	1.648	-1.215	0.99	134	1988	4.94	2.46E-128	Middle
027-02	1.481	-1.398	0.98	140	1983	6.26	9.77E-122	Upper
027-03	1.737	-1.377	0.84	166	1972	109.19	1.04E-67	Lower
027-03	1.670	-1.533	0.86	164	1982	88.96	4.05E-70	Middle
027-03	1.571	-1.614	0.85	177	1969	91.56	2.32E-73	Upper
027-05	2.051	-1.248	0.70	35	1981	41.26	4.94E-10	Lower
027-05	2.012	-1.428	0.74	38	1981	34.01	3.60E-12	Middle
027-05	1.800	-1.572	0.75	41	1981	29.59	2.80E-13	Upper
028-04	0.856	0.553	0.91	281	1984	16.68	4.11E-149	Lower
028-04	0.939	0.228	0.92	282	1984	18.54	5.53E-154	Middle
028-04	1.488	-0.607	0.79	290	1984	141.75	3.48E-100	Upper
028-05	1.055	-0.304	0.73	150	1978	85.23	2.07E-43	Lower
028-05	1.649	-1.345	0.95	149	1978	29.04	3.25E-97	Middle
028-05	1.470	-1.521	0.94	161	1975	30.01	2.27E-98	Upper
029-02	1.890	-0.669	0.95	94	1991	16.94	7.20E-62	Lower
029-02	1.856	-0.980	0.98	93	1991	5.40	1.85E-82	Middle
029-02	1.653	-1.189	0.97	100	1991	8.28	8.68E-76	Upper
029-03	0.949	0.324	0.92	86	1975	7.23	4.40E-47	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
029-03	0.974	0.088	0.98	84	1974	1.87	4.64E-69	Middle
029-03	1.727	-1.018	0.96	93	1975	10.32	6.39E-68	Upper
029-05	0.911	-0.070	0.80	86	1974	21.57	7.58E-31	Lower
029-05	1.028	-0.475	0.70	90	1971	44.53	4.76E-25	Middle
029-05	1.491	-1.472	0.90	97	1971	28.20	1.54E-48	Upper
029-06	0.900	0.391	0.95	175	1971	8.57	4.14E-114	Lower
029-06	1.154	-0.634	0.52	172	1971	245.86	1.22E-28	Middle
029-06	1.677	-1.555	0.85	181	1971	99.39	2.31E-76	Upper
030-01	2.301	-1.266	0.73	303	1978	342.74	7.23E-87	Lower
030-01	2.202	-1.369	0.72	300	1993	312.03	3.98E-85	Middle
030-01	1.951	-1.526	0.71	312	1993	271.27	2.97E-86	Upper
030-02	2.156	-1.409	0.69	14	1993	19.56	2.18E-04	Lower
030-02	2.094	-1.456	0.71	17	1993	18.25	2.01E-05	Middle
030-02	1.835	-1.626	0.68	20	1993	19.93	7.07E-06	Upper
030-04	1.810	-1.026	0.99	187	1981	7.99	2.84E-179	Lower
030-04	1.674	-1.179	0.99	188	1981	7.42	1.36E-177	Middle
030-04	1.489	-1.384	0.98	200	1985	9.96	1.09E-167	Upper
031-01	1.000	0.345	0.92	164	1979	11.24	1.44E-92	Lower
031-01	1.396	-0.470	0.65	163	1985	140.69	1.71E-38	Middle
031-01	1.673	-1.467	0.71	175	1985	170.37	2.51E-48	Upper
031-02	0.876	0.603	0.93	352	1983	17.79	3.45E-206	Lower
031-02	0.934	0.223	0.97	353	1983	9.60	1.02E-260	Middle
031-02	1.242	-0.955	0.51	360	1983	473.43	5.33E-58	Upper
031-03	1.009	0.166	0.98	30	1990	0.66	3.91E-25	Lower
031-03	1.711	-0.816	0.82	31	1975	21.10	2.56E-12	Middle
031-03	1.860	-1.026	0.95	39	1975	7.80	1.01E-25	Upper
031-04	1.066	0.202	0.98	69	1974	1.79	7.18E-59	Lower
031-04	1.686	-0.727	0.90	67	1974	23.54	7.48E-35	Middle
031-04	1.752	-1.091	0.99	75	1974	3.15	6.21E-72	Upper
031-05	1.196	0.323	0.96	96	1978	3.52	7.91E-67	Lower
031-05	2.202	-1.170	0.65	95	1978	143.57	5.50E-23	Middle
031-05	2.122	-1.370	0.66	101	1978	138.59	5.41E-25	Upper
031-06	0.822	0.767	0.82	236	1961	29.56	9.09E-90	Lower
031-06	1.253	0.138	0.76	235	1983	99.39	5.41E-74	Middle
031-06	1.629	-1.461	0.70	248	1988	246.26	4.16E-66	Upper
031-07	1.658	-1.559	0.75	56	1980	52.36	6.91E-18	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-08	2.132	-0.778	0.64	163	1979	243.82	7.43E-38	Lower
031-08	2.285	-1.245	0.75	163	1979	164.19	7.66E-51	Middle
031-08	2.020	-1.454	0.75	168	1979	132.37	1.92E-52	Upper
031-09	1.084	0.203	0.85	133	1990	26.40	2.34E-56	Lower
031-09	1.988	-0.821	0.98	131	1990	9.53	3.92E-114	Middle
031-09	1.851	-0.965	0.97	143	1990	16.67	5.60E-105	Upper
032-01	1.768	-1.306	0.77	6	1976	3.62	2.15E-02	Middle
032-01	1.550	-1.648	0.66	11	1976	8.07	2.46E-03	Upper
032-02	0.696	0.836	0.86	36	1976	1.89	3.46E-16	Lower
032-02	1.429	0.113	0.62	38	1976	34.00	4.19E-09	Middle
032-02	1.962	-0.540	0.84	41	1976	21.03	4.46E-17	Upper
032-04	0.933	0.221	0.69	181	1987	62.17	9.01E-48	Lower
032-04	0.876	0.098	0.72	183	1987	47.49	1.34E-51	Middle
032-04	1.650	-1.206	0.88	195	1988	62.78	5.08E-91	Upper
033-01	0.832	0.431	0.75	183	1983	43.07	9.25E-56	Lower
033-01	0.975	0.089	0.83	186	1985	37.66	7.16E-72	Middle
033-01	1.230	-0.586	0.72	199	1983	116.39	2.73E-56	Upper
033-02	1.795	-0.936	0.68	81	1982	106.91	3.62E-21	Lower
033-02	1.864	-1.334	0.78	81	1982	69.21	6.58E-28	Middle
033-02	1.671	-1.511	0.78	87	1982	59.48	4.24E-30	Upper
033-03	1.765	-1.227	0.95	78	1984	17.83	1.33E-50	Lower
033-03	1.646	-1.341	0.95	85	1979	16.87	1.06E-54	Middle
033-03	1.471	-1.540	0.93	89	1979	17.45	4.14E-53	Upper
033-04	1.095	-0.207	0.65	160	1979	107.73	2.85E-38	Lower
033-04	1.190	-0.500	0.65	162	1983	129.75	1.56E-38	Middle
033-04	1.723	-1.393	0.90	171	1979	57.15	3.07E-87	Upper
034-05	1.878	-1.367	0.78	12	1974	12.04	1.37E-04	Lower
034-05	1.833	-1.197	0.88	12	1993	6.11	6.20E-06	Middle
034-05	1.677	-1.575	0.77	23	1985	16.50	3.21E-08	Upper
034-06	0.835	0.105	0.88	18	1993	1.86	1.08E-08	Lower
034-06	0.931	0.027	0.90	17	1975	1.73	4.87E-09	Middle
034-06	1.704	-0.896	0.91	27	1975	7.79	2.34E-14	Upper
035-01	0.966	0.083	0.98	83	1980	1.99	7.54E-67	Lower
035-01	0.903	-0.012	0.97	81	1980	2.02	5.75E-62	Middle
035-01	1.411	-1.053	0.89	88	1980	21.11	1.69E-43	Upper
035-02	0.933	0.264	0.96	43	1987	1.19	1.87E-31	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
035-02	0.924	0.031	0.95	44	1987	1.96	3.01E-28	Middle
035-02	1.455	-1.007	0.87	49	1987	13.77	4.48E-22	Upper
035-03	1.015	0.123	0.98	222	1984	4.98	1.51E-193	Lower
035-03	1.689	-0.818	0.93	227	1984	57.17	2.27E-131	Middle
035-03	1.712	-1.129	0.97	239	1991	25.13	5.48E-182	Upper
035-04	1.748	-0.821	0.54	163	1993	281.12	9.38E-29	Lower
035-04	2.028	-1.466	0.69	164	1993	202.97	7.10E-43	Middle
035-04	1.804	-1.640	0.68	170	1993	169.74	2.68E-43	Upper
036-01	1.890	-1.526	0.61	16	1995	22.56	3.23E-04	Lower
036-01	1.806	-1.607	0.64	17	1995	20.05	1.19E-04	Middle
036-01	1.599	-1.740	0.62	21	1995	20.79	2.52E-05	Upper
036-04	1.636	-1.108	0.51	173	1993	329.83	3.01E-28	Lower
036-04	1.715	-1.550	0.65	174	1993	200.80	2.52E-41	Middle
036-04	1.612	-1.638	0.66	183	1993	177.89	1.12E-44	Upper
036-05	1.788	-0.807	0.82	110	1991	75.31	4.44E-42	Middle
036-05	1.549	-1.577	0.79	123	1980	77.75	1.05E-42	Upper
036-06	1.526	-1.675	0.76	100	1974	64.60	6.85E-32	Middle
036-06	1.439	-1.749	0.77	112	1974	62.47	5.81E-37	Upper
037-01	1.517	-1.169	0.65	133	1985	168.76	7.52E-32	Lower
037-01	1.606	-1.503	0.79	129	1985	91.20	4.56E-45	Middle
037-01	1.460	-1.655	0.79	140	1985	83.60	4.42E-48	Upper
038-01	0.940	-0.335	0.50	62	1972	66.25	1.14E-10	Lower
038-01	1.296	-1.020	0.65	61	1972	69.06	6.83E-15	Middle
038-01	1.616	-1.468	0.89	67	1972	27.13	1.57E-32	Upper
038-02	1.636	-1.607	0.80	99	1976	64.60	1.57E-35	Upper
038-04	1.712	-0.939	0.84	69	1981	23.25	4.96E-28	Lower
038-04	1.737	-1.120	0.99	72	1981	1.23	5.85E-73	Middle
038-04	1.583	-1.282	0.99	74	1981	1.65	5.57E-70	Upper
039-04	2.048	-1.235	0.78	140	1972	109.73	8.46E-47	Middle
039-04	1.839	-1.392	0.78	148	1976	93.05	1.65E-49	Upper
040-01	0.876	-0.055	0.98	168	1978	2.66	2.00E-144	Lower
040-01	0.794	-0.132	0.93	168	1973	7.84	4.33E-100	Middle
040-01	0.667	-0.358	0.72	179	1976	31.78	9.05E-51	Upper
040-03	1.268	-0.563	0.87	105	1980	31.74	1.27E-46	Lower
040-03	1.616	-1.251	0.98	108	1980	5.26	3.95E-98	Middle
040-03	1.463	-1.412	0.97	111	1980	9.87	5.55E-82	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
040-04	1.059	-1.939	0.52	87	1989	47.27	3.92E-15	Middle
040-04	1.027	-1.976	0.51	91	1989	50.57	1.89E-15	Upper
040-32	1.684	-1.181	1.00	4	1985	0.04	1.38E-03	Lower
040-32	1.696	-1.153	0.98	7	1985	0.51	1.69E-05	Middle
040-32	1.560	-1.305	0.99	8	1985	0.30	5.31E-07	Upper
041-01	0.931	0.075	0.97	98	1983	2.55	2.04E-76	Lower
041-01	0.884	-0.033	0.96	95	1983	3.19	2.11E-67	Middle
041-01	1.284	-0.876	0.82	107	1983	39.17	7.60E-41	Upper
041-03	1.463	-1.789	0.76	11	1989	6.28	4.97E-04	Upper
041-04	0.895	0.398	0.90	55	1989	4.54	5.54E-28	Lower
041-04	1.772	-0.990	0.75	57	1989	53.71	3.47E-18	Middle
041-04	1.779	-1.446	0.83	60	1989	35.27	6.47E-24	Upper
041-05	0.898	0.111	0.66	175	1980	66.16	6.88E-42	Lower
041-05	1.589	-1.249	0.67	174	1980	186.93	1.19E-43	Middle
041-05	1.533	-1.613	0.73	188	1979	145.37	4.43E-55	Upper
042-03	0.918	0.032	0.95	130	1981	5.83	5.86E-88	Lower
042-03	1.188	-0.559	0.82	132	1981	43.22	4.84E-51	Middle
042-03	1.502	-1.359	0.96	136	1981	13.62	9.82E-97	Upper
042-04	0.987	0.078	0.99	62	1985	0.55	8.33E-62	Lower
042-04	0.920	0.017	0.97	63	1985	1.31	4.02E-49	Middle
042-04	1.472	-0.974	0.90	67	1985	14.61	3.32E-34	Upper
043-02	1.835	-1.341	0.68	168	1987	220.17	2.32E-43	Lower
043-02	1.791	-1.514	0.74	171	1987	163.48	3.60E-51	Middle
043-02	1.616	-1.672	0.73	176	1995	142.07	2.50E-51	Upper
043-03	1.613	-1.533	0.60	65	1987	82.25	2.96E-14	Middle
043-03	1.552	-1.587	0.63	69	1987	74.91	6.54E-16	Upper
043-05	2.145	-0.685	1.00	3	1995	0.00	3.56E-17	Middle
043-05	1.987	-1.325	0.59	10	1995	14.74	9.46E-03	Upper
043-06	1.985	-0.840	0.72	232	1988	275.24	5.37E-65	Lower
043-06	1.959	-1.298	0.71	235	1990	282.81	2.21E-64	Middle
043-06	1.761	-1.463	0.70	239	1988	238.84	2.61E-64	Upper
045-30	1.496	-1.413	0.68	81	1976	99.54	2.47E-21	Middle
045-30	1.502	-1.747	0.77	83	1976	64.29	1.02E-27	Upper
046-04	1.172	0.103	0.76	31	1979	12.00	1.36E-10	Lower
046-04	1.803	-1.052	1.00	32	1979	0.20	2.53E-42	Middle
046-04	1.638	-1.225	0.97	37	1981	3.36	5.59E-29	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
046-05	0.979	0.065	0.96	58	1981	3.24	1.89E-41	Lower
046-05	1.618	-1.025	0.94	56	1967	13.49	5.38E-35	Middle
046-05	1.578	-1.286	0.98	65	1981	6.02	2.82E-52	Upper
047-01	2.084	-0.977	0.87	198	1992	100.64	4.31E-89	Lower
047-01	1.975	-1.084	0.86	196	1992	95.68	8.83E-86	Middle
047-01	1.783	-1.263	0.85	209	1974	94.44	2.99E-86	Upper
047-02	1.846	-0.597	0.79	71	1991	36.66	4.34E-25	Lower
047-02	2.010	-0.828	1.00	67	1991	0.53	3.72E-78	Middle
047-02	1.729	-1.113	0.98	79	1991	3.28	1.03E-68	Upper
047-03	1.202	-0.177	0.67	64	1988	57.84	2.30E-16	Lower
047-03	1.724	-1.107	0.96	64	1988	9.59	1.62E-45	Middle
047-03	1.547	-1.288	0.94	69	1988	12.90	9.82E-43	Upper
048-02	0.934	-0.128	0.63	94	1979	56.51	1.06E-21	Lower
048-02	1.741	-1.355	0.88	96	1979	48.23	6.64E-45	Middle
048-02	1.581	-1.570	0.88	104	1977	43.33	6.04E-48	Upper
048-03	1.054	0.137	0.97	120	1983	4.52	1.87E-89	Lower
048-03	0.979	0.054	0.95	124	1983	6.52	1.28E-79	Middle
048-03	1.468	-0.871	0.86	127	1983	45.13	1.90E-54	Upper
050-07	1.767	-1.603	0.58	11	1995	15.82	6.70E-03	Upper
051-08	1.918	-0.922	1.00	124	1992	1.86	6.27E-149	Lower
051-08	1.776	-1.077	0.99	127	1988	4.65	5.05E-124	Middle
051-08	1.565	-1.309	0.98	134	1988	6.55	4.78E-115	Upper
052-05	0.901	0.529	0.73	81	1972	12.67	3.41E-24	Lower
052-05	1.890	-1.212	0.59	81	1972	106.83	6.96E-17	Middle
052-05	1.800	-1.581	0.65	85	1972	78.89	2.04E-20	Upper
052-07	1.001	0.074	0.98	121	1982	2.13	1.20E-108	Lower
052-07	0.907	-0.016	0.97	121	1982	3.71	1.03E-89	Middle
052-07	1.099	-0.641	0.76	126	1982	52.07	5.32E-40	Upper
052-08	1.006	-0.137	0.53	212	1975	233.32	7.96E-36	Lower
052-08	1.177	-0.531	0.61	215	1975	222.89	5.14E-46	Middle
052-08	1.681	-1.404	0.89	222	1975	94.36	1.55E-106	Upper
052-30	1.893	-1.137	0.74	108	1972	123.15	1.04E-32	Lower
052-30	1.802	-1.360	0.76	110	1993	99.74	4.70E-35	Middle
052-30	1.585	-1.524	0.76	121	1991	82.89	9.66E-39	Upper
053-01	0.955	0.038	0.99	68	1989	0.64	5.16E-71	Lower
053-01	1.429	-0.842	0.90	67	1983	19.71	7.75E-34	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-01	1.540	-1.302	0.96	83	1974	9.71	5.15E-58	Upper
053-02	0.980	0.140	0.98	101	1979	3.12	1.86E-82	Lower
053-02	1.247	-0.459	0.84	99	1979	39.16	2.43E-40	Middle
053-02	1.572	-1.284	0.96	111	1979	12.98	5.25E-81	Upper
053-03	1.169	-0.432	0.84	133	1974	51.48	3.82E-53	Lower
053-03	1.601	-1.269	0.98	135	1980	8.33	4.38E-120	Middle
053-03	1.426	-1.456	0.97	143	1981	11.29	1.20E-112	Upper
053-04	0.862	0.024	0.54	171	1990	121.53	6.06E-30	Lower
053-04	1.084	-0.409	0.56	168	1974	173.78	1.56E-31	Middle
053-04	1.655	-1.322	0.84	183	1990	105.61	1.72E-73	Upper
053-05	1.459	-1.744	0.63	12	1993	12.25	2.17E-03	Middle
053-05	1.560	-1.625	0.55	21	1993	26.37	1.10E-04	Upper
053-08	0.677	0.900	0.61	120	1990	17.04	1.39E-25	Lower
053-08	1.987	0.041	0.67	119	1990	120.19	6.90E-30	Middle
053-08	1.919	-0.892	0.74	126	1990	87.29	7.88E-38	Upper
054-01	1.784	-1.339	0.62	96	1990	132.48	1.43E-21	Middle
054-01	1.610	-1.505	0.61	99	1990	117.74	2.32E-21	Upper
054-02	0.623	0.870	0.90	120	1994	3.24	5.61E-60	Lower
054-02	1.846	-0.634	0.63	120	1994	143.67	2.11E-27	Middle
054-02	2.164	-1.329	0.80	126	1994	89.49	6.19E-45	Upper
054-03	2.403	-1.204	0.81	5	1994	4.31	3.72E-02	Lower
054-03	2.369	-1.179	0.79	10	1994	8.73	5.76E-04	Middle
054-03	2.327	-1.229	0.81	11	1994	8.13	1.60E-04	Upper
055-01	1.598	-1.274	1.00	24	1960	0.25	3.61E-29	Lower
055-01	1.523	-1.355	0.99	23	1960	0.44	6.97E-25	Middle
055-01	1.395	-1.488	0.97	30	1960	2.70	6.01E-22	Upper
055-02	1.580	-1.292	0.99	31	1960	0.66	1.18E-33	Lower
055-02	1.494	-1.386	0.99	33	1960	0.51	5.19E-37	Middle
055-02	1.356	-1.537	0.98	37	1960	1.53	1.01E-32	Upper
055-03	1.044	-0.468	0.84	67	1960	21.03	2.28E-27	Lower
055-03	1.450	-1.429	0.98	73	1960	4.92	6.33E-61	Middle
055-03	1.321	-1.563	0.95	73	1960	10.11	2.04E-47	Upper
056-04	1.561	-1.074	0.68	95	1982	92.87	1.38E-24	Middle
056-04	1.638	-1.452	0.78	102	1995	62.83	1.64E-34	Upper
056-05	1.972	-0.862	0.99	80	1990	1.57	1.24E-90	Lower
056-05	1.862	-0.984	0.99	82	1990	3.44	5.50E-78	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
056-05	1.700	-1.166	0.96	85	1990	8.44	4.89E-62	Upper
056-07	1.235	-0.806	0.88	98	1952	31.85	1.82E-45	Lower
056-07	1.454	-1.418	0.99	93	1952	4.12	5.07E-87	Middle
056-07	1.291	-1.572	0.94	113	1952	15.56	1.79E-71	Upper
056-30	1.993	-0.833	0.99	93	1990	2.44	3.82E-99	Lower
056-30	1.921	-0.910	0.99	95	1990	2.83	5.99E-97	Middle
056-30	1.762	-1.082	0.98	98	1990	6.89	5.65E-79	Upper
056-31	1.291	-0.219	0.87	61	1986	12.96	6.89E-28	Lower
056-31	1.804	-1.037	0.99	61	1986	2.56	1.07E-55	Middle
056-31	1.660	-1.215	0.97	67	1986	5.18	3.11E-50	Upper
057-03	1.102	-0.333	0.52	326	1983	413.22	1.09E-53	Lower
057-03	1.515	-1.119	0.71	327	1976	349.42	4.17E-89	Middle
057-03	1.658	-1.582	0.86	336	1983	164.84	2.32E-146	Upper
057-04	1.814	-0.684	0.93	49	1990	10.98	1.98E-29	Lower
057-04	1.855	-0.985	0.98	49	1990	2.56	3.19E-44	Middle
057-04	1.625	-1.212	0.94	55	1990	7.97	6.45E-35	Upper
057-05	1.292	-1.878	0.61	133	1972	136.11	2.20E-28	Lower
057-05	1.258	-1.948	0.65	136	1981	113.06	3.56E-32	Middle
057-05	1.166	-2.025	0.66	141	1972	98.58	2.80E-34	Upper
057-06	1.918	-0.972	0.58	174	1995	301.61	2.26E-34	Lower
057-06	1.964	-1.513	0.64	177	1995	248.04	4.81E-41	Middle
057-06	1.729	-1.689	0.64	179	1995	193.82	1.90E-41	Upper
057-07	1.060	-0.201	0.84	97	1983	25.73	5.60E-39	Lower
057-07	1.653	-1.195	0.97	94	1983	9.75	2.66E-71	Middle
057-07	1.477	-1.381	0.94	105	1981	16.16	7.29E-66	Upper
057-08	1.897	-1.531	0.60	44	1995	71.97	8.15E-10	Lower
057-08	1.756	-1.638	0.59	47	1995	66.35	2.55E-10	Middle
057-08	1.599	-1.763	0.61	49	1995	54.31	4.72E-11	Upper
058-01	1.976	-0.849	0.99	187	1991	3.42	6.70E-204	Lower
058-01	1.875	-0.961	0.99	185	1991	3.97	1.73E-192	Middle
058-01	1.633	-1.222	0.97	192	1991	10.74	2.24E-148	Upper
058-02	0.844	0.681	0.92	164	1986	8.26	5.35E-89	Lower
058-02	0.985	0.414	0.87	163	1986	18.38	1.28E-72	Middle
058-02	2.025	-0.747	0.92	169	1986	47.81	1.76E-92	Upper
058-03	1.212	0.241	0.81	117	1975	30.59	6.98E-43	Lower
058-03	2.019	-0.833	0.91	117	1975	36.29	3.88E-61	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
058-03	1.574	-1.463	0.69	121	1975	98.71	2.57E-32	Upper
058-04	1.582	-1.152	0.69	115	1975	139.61	2.08E-30	Lower
058-04	1.643	-1.558	0.83	117	1975	70.05	2.79E-46	Middle
058-04	1.448	-1.720	0.81	121	1975	63.09	4.76E-45	Upper
058-05	1.185	-0.092	0.70	100	1976	74.70	4.35E-27	Lower
058-05	1.766	-1.091	0.98	100	1976	8.11	2.52E-84	Middle
058-05	1.656	-1.208	0.97	108	1973	11.78	2.06E-82	Upper
059-02	1.310	-1.933	0.58	300	1987	218.59	1.52E-58	Middle
059-02	1.216	-2.007	0.60	309	1987	183.69	1.06E-63	Upper
059-03	1.707	-0.016	0.52	69	1982	79.65	3.64E-12	Lower
059-03	2.212	-0.599	0.98	68	1982	3.39	5.82E-55	Middle
059-03	1.952	-0.882	0.98	73	1982	2.24	1.12E-65	Upper
059-04	1.078	0.522	0.94	135	1990	7.00	3.43E-82	Lower
059-04	2.125	-0.461	0.91	133	1990	38.79	3.73E-71	Middle
059-04	2.022	-0.800	0.98	139	1990	8.18	2.45E-117	Upper
060-02	1.785	-1.084	0.99	10	1981	0.32	5.23E-09	Lower
060-02	1.654	-1.222	1.00	11	1986	0.07	1.12E-12	Middle
060-02	1.514	-1.375	0.98	15	1986	0.63	2.71E-12	Upper
060-04	1.825	-0.917	0.97	105	1990	10.03	1.28E-83	Lower
060-04	1.716	-1.142	0.99	106	1990	2.27	3.68E-115	Middle
060-04	1.545	-1.323	0.99	111	1990	3.85	9.74E-104	Upper
061-01	1.031	-0.014	0.60	54	1989	37.80	7.97E-12	Lower
061-01	1.848	-1.217	0.83	57	1989	40.37	5.75E-23	Middle
061-01	1.750	-1.340	0.84	68	1989	39.05	4.49E-28	Upper
061-04	1.486	-1.390	1.00	112	1945	1.70	3.41E-135	Lower
061-04	1.463	-1.421	1.00	113	1942	1.73	3.57E-136	Middle
061-04	1.421	-1.459	0.98	119	1942	8.20	7.97E-104	Upper
061-05	2.036	-0.833	0.96	140	1993	19.25	1.35E-101	Lower
061-05	1.902	-0.999	0.95	145	1991	24.22	1.42E-94	Middle
061-05	1.667	-1.233	0.93	149	1991	26.64	4.12E-87	Upper
061-06	1.951	-0.884	1.00	125	1992	1.86	3.79E-148	Lower
061-06	1.847	-0.996	0.99	121	1992	2.26	8.03E-135	Middle
061-06	1.638	-1.225	0.98	131	1989	5.28	1.44E-117	Upper
061-08	2.330	-1.026	0.74	76	1994	88.25	2.41E-23	Lower
061-08	2.367	-1.154	0.77	78	1994	76.00	3.10E-26	Middle
061-08	2.153	-1.324	0.78	82	1994	63.62	2.88E-28	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
063-05	0.876	0.297	0.96	52	1990	1.21	7.78E-37	Lower
063-05	0.744	0.188	0.87	55	1990	3.41	2.91E-25	Middle
063-05	0.596	0.064	0.63	58	1990	8.96	1.40E-13	Upper
063-07	2.027	-1.475	0.65	196	1993	294.79	2.85E-46	Lower
063-07	1.850	-1.606	0.65	198	1993	254.05	3.76E-46	Middle
063-07	1.650	-1.749	0.64	202	1993	207.84	1.38E-46	Upper
064-30	1.871	-1.623	0.64	39	1993	58.59	1.27E-09	Lower
064-30	1.713	-1.720	0.63	44	1993	55.41	1.32E-10	Middle
064-30	1.530	-1.858	0.64	45	1993	43.42	4.83E-11	Upper
065-06	2.049	-0.775	0.99	46	1992	0.80	3.56E-52	Lower
065-06	1.921	-0.916	1.00	49	1992	0.69	1.46E-56	Middle
065-06	1.685	-1.175	0.99	50	1992	1.51	5.41E-47	Upper
066-06	2.202	-1.039	0.87	190	1994	109.64	7.83E-85	Lower
066-06	2.125	-1.112	0.87	188	1994	101.21	3.97E-84	Middle
066-06	1.943	-1.281	0.86	199	1990	96.20	1.17E-85	Upper
066-07	0.775	0.560	0.98	5	1995	0.05	1.61E-03	Lower
066-07	0.848	0.170	0.90	7	1995	0.28	1.10E-03	Middle
066-07	1.928	-1.328	0.65	14	1995	13.25	4.82E-04	Upper
068-04	2.159	-1.387	0.79	151	1994	122.31	4.73E-53	Middle
068-04	1.908	-1.580	0.79	156	1994	100.45	2.46E-54	Upper
070-05	1.667	-1.492	0.63	113	1991	103.31	6.26E-26	Lower
070-05	1.510	-1.640	0.62	114	1991	88.36	3.98E-25	Middle
070-05	1.428	-1.715	0.66	119	1991	74.21	1.98E-29	Upper
070-06	1.722	-0.823	0.91	51	1991	16.35	1.32E-27	Lower
070-06	1.624	-1.245	1.00	53	1991	0.72	1.60E-61	Middle
070-06	1.479	-1.371	0.97	57	1991	4.90	7.90E-42	Upper
071-03	1.805	-1.054	1.00	40	1990	0.24	1.10E-53	Lower
071-03	1.708	-1.160	1.00	40	1990	0.11	5.03E-59	Middle
071-03	1.579	-1.297	0.99	44	1990	0.93	3.38E-45	Upper
073-01	2.343	-1.141	0.78	132	1994	128.45	4.25E-45	Lower
073-01	2.314	-1.260	0.80	134	1994	117.53	1.10E-47	Middle
073-01	2.109	-1.407	0.79	138	1994	105.09	9.69E-48	Upper
073-02	2.293	-1.253	0.80	88	1994	80.10	2.35E-31	Lower
073-02	2.224	-1.355	0.79	89	1994	77.56	7.45E-31	Middle
073-02	1.996	-1.483	0.79	93	1994	66.60	1.84E-32	Upper
073-03	0.719	0.652	0.92	132	1993	3.93	9.44E-75	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
073-03	1.663	-1.071	0.58	132	1993	188.62	4.40E-26	Middle
073-03	1.734	-1.715	0.67	138	1993	140.22	7.54E-35	Upper
077-02	0.838	0.327	0.93	54	1990	2.26	2.04E-32	Lower
077-02	0.741	0.144	0.87	57	1990	3.90	2.50E-26	Middle
077-02	1.491	-0.990	0.83	60	1990	22.01	2.98E-24	Upper
080-01	1.959	-1.534	0.61	7	1993	12.35	3.71E-02	Lower
080-01	2.197	-1.316	0.71	7	1993	7.03	1.72E-02	Middle
080-01	1.743	-1.718	0.66	12	1993	13.51	1.40E-03	Upper
080-02	2.156	-1.407	0.73	100	1993	99.01	1.42E-29	Lower
080-02	2.011	-1.517	0.74	100	1993	79.75	4.13E-30	Middle
080-02	1.736	-1.701	0.72	106	1993	72.22	2.81E-30	Upper
082-03	1.683	-1.477	0.70	47	1991	37.58	2.00E-13	Middle
082-03	1.639	-1.522	0.71	53	1991	40.77	3.70E-15	Upper
082-30	1.411	-1.884	0.55	24	1994	20.90	3.08E-05	Upper
083-06	1.062	0.607	0.98	5	1989	0.05	1.24E-03	Lower
087-02	2.049	-0.773	0.99	79	1991	3.68	4.59E-77	Lower
087-02	1.919	-0.920	0.99	76	1991	3.04	1.98E-74	Middle
087-02	1.662	-1.202	0.98	83	1991	5.54	1.88E-67	Upper
088-03	1.985	-0.838	0.99	10	1991	0.47	6.46E-09	Lower
088-03	1.906	-0.928	0.99	8	1991	0.39	6.06E-07	Middle
088-03	1.718	-1.125	0.96	14	1991	1.80	1.83E-09	Upper
089-01	2.190	-1.365	0.69	113	1993	155.04	2.65E-30	Lower
089-01	2.124	-1.414	0.69	113	1993	145.64	2.85E-30	Middle
089-01	1.895	-1.593	0.69	118	1993	123.07	2.54E-31	Upper
089-05	1.884	-1.527	0.59	11	1990	17.59	5.94E-03	Lower
089-05	1.759	-1.659	0.61	11	1990	14.78	4.57E-03	Middle
089-05	1.656	-1.708	0.61	16	1990	17.73	3.61E-04	Upper
090-05	1.789	-1.067	0.99	13	1991	0.26	2.07E-13	Lower
090-05	1.637	-1.231	0.99	13	1991	0.31	1.52E-12	Middle
090-05	1.531	-1.345	0.99	16	1991	0.20	1.84E-17	Upper
092-03	0.950	-0.120	0.90	79	1977	10.22	4.49E-40	Lower
092-03	1.565	-1.294	0.98	76	1977	4.02	7.14E-68	Middle
092-03	1.379	-1.496	0.98	85	1977	4.83	1.71E-69	Upper
097-01	2.034	-1.173	0.83	46	1990	33.69	9.71E-19	Middle
097-01	1.857	-1.377	0.81	51	1990	36.21	4.43E-19	Upper
098-02	2.366	-1.232	0.80	61	1994	55.35	1.71E-22	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
098-02	2.329	-1.263	0.80	63	1994	57.72	6.29E-23	Middle
098-02	2.208	-1.355	0.80	66	1994	54.71	1.04E-23	Upper
106-03	2.087	-1.463	0.79	53	1994	42.62	3.69E-19	Lower
106-03	1.896	-1.604	0.79	54	1994	37.97	4.17E-19	Middle
106-03	1.772	-1.689	0.79	58	1994	34.13	1.13E-20	Upper
110-02	2.012	-0.821	0.99	10	1989	0.31	5.64E-10	Lower
110-02	1.979	-0.853	0.99	10	1989	0.29	8.31E-10	Middle
110-02	1.889	-0.954	0.99	13	1989	0.40	5.16E-13	Upper
112-02	1.212	-0.661	0.88	77	1980	18.07	1.13E-36	Lower
112-02	1.482	-1.399	0.99	75	1957	1.98	6.42E-76	Middle
112-02	1.316	-1.513	0.94	85	1957	11.03	1.86E-52	Upper
112-03	0.859	0.318	0.95	159	1988	5.07	5.34E-105	Lower
112-03	0.959	-0.008	0.80	157	1988	29.42	8.35E-57	Middle
112-03	1.654	-1.152	0.93	169	1988	26.62	5.77E-101	Upper
112-04	0.895	0.151	0.95	69	1977	2.73	1.69E-45	Lower
112-04	0.853	-0.064	0.91	67	1977	4.45	2.07E-36	Middle
112-04	0.906	-0.533	0.74	75	1977	20.78	7.82E-23	Upper
112-05	0.807	-0.122	0.96	15	1946	0.48	1.19E-10	Lower
112-05	1.074	-0.834	0.84	19	1946	5.29	2.78E-08	Middle
112-05	1.295	-1.592	0.95	21	1946	2.28	8.52E-14	Upper
112-06	0.897	0.546	0.97	135	1985	2.52	4.89E-103	Lower
112-06	0.868	0.430	0.96	134	1985	3.28	3.79E-93	Middle
112-06	1.153	-0.251	0.78	141	1985	40.32	4.62E-47	Upper
112-07	0.982	0.124	0.98	40	1986	0.90	4.15E-33	Lower
112-07	1.486	-0.546	0.82	41	1986	20.59	5.37E-16	Middle
112-07	1.767	-1.078	0.97	45	1986	4.63	6.79E-34	Upper
113-03	0.908	0.003	0.95	141	1981	5.79	1.01E-94	Lower
113-03	1.117	-0.542	0.82	140	1977	39.84	1.21E-53	Middle
113-03	1.446	-1.421	0.96	152	1977	13.30	1.53E-106	Upper
114-01	0.927	0.061	0.96	205	1981	8.72	8.77E-145	Lower
114-01	0.996	-0.348	0.83	207	1981	52.10	7.78E-80	Middle
114-01	1.444	-1.379	0.93	216	1963	39.78	4.85E-126	Upper
114-02	1.563	-0.747	0.56	186	1991	235.51	9.16E-35	Middle
114-02	1.784	-1.286	0.72	195	1995	155.76	1.01E-55	Upper
114-03	1.862	-0.830	0.63	194	1991	286.48	8.74E-43	Lower
114-03	2.052	-1.143	0.73	194	1995	206.61	3.50E-57	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
114-03	1.849	-1.306	0.71	203	1991	197.22	3.88E-56	Upper
117-01	0.807	0.556	0.85	146	1986	15.42	4.96E-61	Lower
117-01	0.974	0.130	0.95	145	1986	6.09	4.46E-97	Middle
117-01	1.787	-1.254	0.88	155	1986	63.33	4.66E-71	Upper
117-02	0.841	0.285	0.94	112	1987	4.43	2.19E-69	Lower
117-02	0.775	0.073	0.89	118	1987	7.85	1.53E-57	Middle
117-02	1.146	-0.718	0.75	121	1987	45.91	4.52E-38	Upper
117-03	0.826	0.269	0.92	75	1983	3.81	4.82E-41	Lower
117-03	0.730	0.123	0.85	79	1983	6.23	3.70E-33	Middle
117-03	0.687	-0.159	0.78	81	1983	8.91	2.16E-27	Upper
122-03	1.820	-1.026	0.98	69	1982	4.71	1.85E-61	Lower
122-03	1.767	-1.081	0.98	70	1982	6.57	2.11E-56	Middle
122-03	1.675	-1.180	0.96	73	1982	9.65	1.69E-52	Upper
122-30	0.968	0.137	0.96	89	1981	3.59	8.21E-62	Lower
122-30	0.917	0.001	0.94	88	1979	4.55	2.06E-54	Middle
122-30	1.131	-0.662	0.75	99	1981	39.79	4.50E-31	Upper
123-04	0.997	0.037	0.71	148	1978	66.04	1.86E-41	Lower
123-04	1.314	-0.548	0.77	153	1978	86.58	4.73E-50	Middle
123-04	1.632	-1.285	0.92	163	1976	42.38	1.36E-88	Upper
124-01	0.809	0.200	0.92	119	1980	8.25	1.05E-64	Lower
124-01	0.751	0.028	0.83	117	1980	14.98	1.15E-46	Middle
124-01	0.778	-0.404	0.70	125	1980	37.58	1.38E-33	Upper
124-02	0.562	0.841	0.87	100	1994	2.99	2.65E-45	Lower
124-02	1.751	-0.642	0.59	102	1994	140.85	4.93E-21	Middle
124-02	2.075	-1.447	0.80	105	1994	71.82	7.29E-38	Upper
124-03	1.645	-0.506	0.59	189	1989	266.09	6.35E-38	Lower
124-03	1.924	-1.287	0.76	193	1989	163.77	6.52E-62	Middle
124-03	1.730	-1.451	0.76	195	1989	137.98	1.25E-61	Upper
125-01	0.944	0.391	0.91	244	1982	18.63	1.91E-126	Lower
125-01	1.786	-0.840	0.80	244	1982	156.85	1.23E-87	Middle
125-01	1.565	-1.564	0.69	250	1982	227.22	4.08E-65	Upper
125-02	2.484	-1.091	0.78	52	1975	53.98	6.49E-18	Lower
125-02	2.364	-1.133	0.77	52	1975	51.23	9.15E-18	Middle
125-02	2.145	-1.362	0.77	57	1975	45.02	2.45E-19	Upper
125-03	2.031	-1.092	0.81	20	1990	16.02	5.56E-08	Lower
125-03	1.839	-1.349	0.80	23	1982	17.55	1.00E-08	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
125-03	1.704	-1.401	0.80	28	1979	17.76	1.62E-10	Upper
125-04	0.880	-0.041	0.99	4	1978	0.03	3.94E-03	Lower
125-04	1.609	-1.262	1.00	7	1978	0.03	2.30E-08	Middle
125-04	1.487	-1.407	0.97	9	1978	0.62	1.30E-06	Upper
126-01	0.851	0.350	0.95	178	1987	5.50	1.31E-119	Lower
126-01	1.677	-1.259	0.73	186	1991	168.35	1.93E-54	Upper
127-01	1.747	-1.129	0.60	79	1990	119.22	7.43E-17	Lower
127-01	1.674	-1.457	0.65	79	1990	88.07	3.55E-19	Middle
127-01	1.550	-1.589	0.65	87	1990	81.02	3.29E-21	Upper
127-02	1.851	-1.411	0.79	175	1977	132.75	1.86E-60	Middle
127-02	1.714	-1.530	0.79	183	1987	120.62	9.92E-63	Upper
128-03	1.601	-1.605	0.68	49	1983	53.39	3.21E-13	Upper
128-05	1.920	-0.846	0.98	118	1989	6.33	6.42E-107	Lower
128-05	1.897	-0.938	0.99	119	1989	3.16	3.57E-125	Middle
128-05	1.736	-1.106	0.97	123	1989	10.52	4.45E-94	Upper
129-01	1.559	-1.365	0.89	129	1953	60.75	2.90E-62	Lower
129-01	1.508	-1.561	0.91	127	1953	41.50	1.18E-68	Middle
129-01	1.373	-1.710	0.89	141	1953	46.50	1.29E-69	Upper
129-02	1.649	-0.395	0.88	164	1988	66.81	1.20E-75	Lower
129-02	1.857	-0.984	0.99	166	1988	5.39	1.45E-170	Middle
129-02	1.598	-1.265	0.99	169	1988	6.85	7.97E-155	Upper
130-02	1.159	-0.444	0.60	72	1975	65.07	1.26E-15	Lower
130-02	1.471	-1.679	0.69	74	1975	72.32	6.06E-20	Middle
130-02	1.327	-1.801	0.71	78	1975	59.07	7.51E-22	Upper
131-01	0.834	0.468	0.93	18	1986	0.80	9.18E-11	Lower
131-01	0.756	0.335	0.84	19	1986	1.76	4.27E-08	Middle
131-01	0.667	0.226	0.73	24	1986	3.28	1.09E-07	Upper
132-01	0.933	0.023	0.95	25	1980	1.29	9.71E-17	Lower
132-01	1.451	-0.849	0.89	21	1980	6.65	1.57E-10	Middle
132-01	1.488	-1.377	0.97	31	1980	2.47	1.67E-23	Upper
132-02	1.201	0.073	0.84	183	1988	44.46	2.28E-74	Lower
132-02	1.917	-0.883	0.98	185	1988	13.66	8.03E-153	Middle
132-02	1.724	-1.090	0.95	193	1992	25.70	3.03E-127	Upper
132-03	1.139	-0.471	0.78	144	1960	76.72	7.34E-49	Lower
132-03	1.541	-1.457	0.90	145	1960	56.46	1.77E-73	Middle
132-03	1.473	-1.712	0.86	150	1960	75.50	8.20E-66	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
133-01	0.933	0.657	0.95	12	1966	0.34	6.23E-08	Lower
133-01	1.048	0.598	0.99	9	1966	0.06	2.80E-08	Middle
133-01	1.446	-0.227	0.71	15	1966	8.52	7.66E-05	Upper
133-02	0.916	0.380	0.91	219	1955	18.54	2.76E-114	Lower
133-02	1.169	-0.483	0.56	211	1955	229.42	1.24E-38	Middle
133-02	1.647	-1.464	0.81	231	1955	145.07	1.64E-84	Upper
133-03	0.761	0.518	0.89	122	1988	8.76	2.89E-58	Lower
133-03	0.754	0.214	0.88	124	1988	9.08	9.82E-59	Middle
133-03	1.257	-0.926	0.58	128	1988	141.70	3.14E-25	Upper
134-01	0.906	-0.019	0.99	104	1972	1.11	5.90E-100	Lower
134-01	0.806	-0.120	0.95	108	1977	4.06	8.25E-70	Middle
134-01	1.266	-1.121	0.85	116	1979	33.26	4.12E-49	Upper
135-01	0.961	0.202	0.97	17	1987	0.39	3.41E-13	Lower
135-01	1.392	-0.477	0.87	16	1987	4.52	1.78E-07	Middle
135-01	1.671	-1.150	0.94	22	1987	3.50	1.34E-13	Upper
139-01	1.532	-1.355	0.52	80	1987	131.89	5.04E-14	Middle
139-01	1.605	-1.541	0.63	87	1987	102.55	6.47E-20	Upper
139-02	0.916	0.328	0.97	94	1987	1.89	1.24E-72	Lower
139-02	1.727	-1.383	0.68	99	1987	112.61	1.46E-25	Upper
139-04	0.992	0.082	0.84	88	1975	18.40	1.83E-35	Lower
139-04	1.821	-0.988	0.98	87	1975	7.60	4.05E-70	Middle
139-04	1.667	-1.163	0.98	95	1975	6.49	3.05E-79	Upper
139-05	2.099	-1.433	0.66	70	1993	111.12	1.27E-17	Lower
139-05	2.012	-1.493	0.65	73	1993	110.51	5.37E-18	Middle
139-05	1.814	-1.638	0.65	75	1993	93.33	2.95E-18	Upper
139-06	1.030	-0.221	0.71	216	1964	131.07	1.17E-58	Lower
139-06	1.652	-1.433	0.94	212	1949	55.19	2.21E-127	Middle
139-06	1.514	-1.559	0.90	227	1964	74.95	4.84E-116	Upper
139-07	0.916	-0.003	0.98	73	1964	1.55	4.53E-59	Lower
139-07	0.944	-0.257	0.88	71	1964	9.31	1.03E-33	Middle
139-07	1.436	-1.427	0.94	79	1964	11.10	5.95E-48	Upper
140-01	0.916	0.322	0.96	94	1990	2.29	7.66E-68	Lower
140-01	0.792	0.226	0.85	96	1990	7.70	1.27E-40	Middle
140-01	0.711	-0.107	0.59	100	1990	26.35	9.72E-21	Upper
140-02	0.892	0.326	0.94	85	1990	3.57	7.77E-52	Lower
140-02	0.833	0.266	0.92	81	1990	4.19	1.54E-44	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
140-02	1.139	-0.496	0.69	95	1990	43.71	1.47E-25	Upper
140-03	0.926	0.008	0.97	127	1980	4.07	1.25E-93	Lower
140-03	0.791	-0.121	0.90	129	1980	9.07	2.83E-66	Middle
140-03	0.954	-0.716	0.71	133	1980	53.12	1.42E-36	Upper
141-01	1.348	-1.093	0.55	16	1978	26.91	1.07E-03	Middle
141-01	1.633	-1.630	0.73	23	1978	23.19	2.04E-07	Upper
141-02	1.636	-0.352	0.79	55	1982	32.98	1.32E-19	Lower
141-02	1.900	-0.928	0.98	53	1982	2.66	1.76E-47	Middle
141-02	1.749	-1.091	0.98	59	1982	2.53	1.41E-52	Upper
141-03	1.628	-1.244	1.00	167	1982	1.53	1.22E-211	Lower
141-03	1.532	-1.349	1.00	165	1962	2.19	1.75E-191	Middle
141-03	1.365	-1.521	0.97	174	1962	10.34	4.10E-138	Upper
142-02	1.398	-0.914	0.62	96	1984	119.44	1.87E-21	Middle
142-02	1.713	-1.519	0.84	102	1984	59.46	3.06E-41	Upper
142-04	1.519	-0.362	0.88	6	1989	2.01	5.74E-03	Lower
142-04	1.920	-0.929	1.00	8	1989	0.05	1.37E-09	Middle
142-04	1.837	-1.021	0.99	11	1989	0.46	1.11E-09	Upper
143-06	1.819	-0.901	0.55	69	1984	93.77	2.16E-13	Middle
143-06	1.700	-1.424	0.63	78	1977	72.63	2.91E-18	Upper
144-01	0.854	0.610	0.92	229	1978	11.93	1.33E-128	Lower
144-01	0.901	0.311	0.94	228	1978	10.96	6.18E-137	Middle
144-01	1.468	-0.908	0.61	235	1978	280.34	2.82E-49	Upper
144-02	0.811	0.613	0.90	149	1986	8.15	6.26E-77	Lower
144-02	0.750	0.417	0.85	148	1986	11.19	1.80E-62	Middle
144-02	0.843	-0.082	0.62	157	1986	53.33	2.60E-34	Upper
144-03	1.670	-0.912	0.68	93	1987	109.22	1.97E-24	Middle
144-03	1.819	-1.307	0.82	100	1987	66.41	2.81E-38	Upper
144-04	1.034	0.135	0.97	165	1986	5.06	2.36E-121	Lower
144-04	0.952	0.039	0.93	167	1986	9.49	1.01E-96	Middle
144-04	0.810	-0.093	0.80	174	1986	23.23	1.69E-61	Upper
145-01	0.941	0.026	0.96	127	1983	3.58	7.35E-92	Lower
145-01	0.853	-0.058	0.90	129	1983	8.46	4.75E-66	Middle
145-01	0.961	-0.478	0.73	133	1983	38.77	1.03E-38	Upper
145-02	1.240	-1.148	0.54	80	1976	123.27	1.11E-14	Middle
145-02	1.566	-1.693	0.78	85	1976	67.51	4.60E-29	Upper
146-01	0.901	0.102	0.95	136	1978	4.95	9.84E-92	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
146-01	0.856	-0.050	0.95	133	1978	4.86	2.31E-87	Middle
146-01	0.720	-0.222	0.76	151	1978	21.75	2.73E-48	Upper
147-01	2.067	-0.742	0.99	74	1992	3.15	2.55E-71	Lower
147-01	2.018	-0.804	0.99	75	1992	1.67	4.69E-82	Middle
147-01	1.879	-0.954	0.98	78	1992	4.43	2.11E-67	Upper
147-02	0.883	0.223	0.89	51	1973	5.74	4.60E-25	Lower
147-02	1.364	-0.574	0.80	51	1973	27.70	1.71E-18	Middle
147-02	1.554	-1.199	0.94	56	1973	10.74	8.92E-34	Upper
147-03	0.901	0.020	0.82	154	1989	28.03	4.83E-59	Lower
147-03	1.571	-1.129	0.92	155	1965	34.70	2.33E-86	Middle
147-03	1.412	-1.289	0.89	165	1965	42.13	2.35E-79	Upper
147-04	1.017	0.121	0.98	95	1986	2.12	8.49E-77	Lower
147-04	0.948	0.046	0.94	96	1986	4.59	4.31E-59	Middle
147-04	1.277	-0.661	0.79	101	1986	36.30	7.91E-36	Upper
147-05	1.362	0.062	0.74	27	1978	14.84	7.79E-09	Lower
147-05	2.120	-0.690	0.99	27	1978	1.20	1.13E-25	Middle
147-05	1.984	-0.834	0.99	31	1978	1.34	4.81E-29	Upper
149-05	1.297	-0.942	0.52	109	1975	162.09	6.79E-19	Lower
149-05	1.501	-1.669	0.72	108	1975	93.59	5.68E-31	Middle
149-05	1.348	-1.805	0.70	115	1975	84.90	1.11E-31	Upper
151-02	0.866	0.621	0.96	78	1959	1.89	4.69E-53	Lower
151-02	0.967	0.250	0.96	77	1982	2.05	1.45E-54	Middle
151-02	1.476	-0.609	0.82	82	1981	27.79	3.70E-31	Upper
153-01	0.918	0.263	0.97	59	1987	1.57	8.29E-46	Lower
153-01	1.046	-0.047	0.89	58	1987	8.65	4.09E-28	Middle
153-01	1.675	-1.463	0.82	69	1987	43.67	1.05E-26	Upper
154-01	1.313	-1.382	0.53	39	1980	58.20	1.26E-07	Middle
154-01	1.500	-1.716	0.70	45	1980	42.78	1.14E-12	Upper
154-02	0.911	0.085	0.74	192	1980	60.37	4.29E-57	Lower
154-02	0.894	-0.037	0.78	193	1980	46.27	5.42E-65	Middle
154-02	1.483	-0.985	0.82	204	1981	102.80	7.06E-77	Upper
154-03	0.845	-0.044	0.93	71	1981	4.43	5.06E-42	Lower
154-03	1.548	-1.298	0.97	72	1978	7.37	7.11E-53	Middle
154-03	1.394	-1.468	0.96	80	1978	7.57	5.53E-56	Upper
154-30	1.689	-1.539	0.73	93	1983	96.42	7.47E-28	Middle
154-30	1.524	-1.686	0.72	103	1983	91.70	9.60E-30	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
155-01	0.930	0.006	0.97	89	1975	2.56	1.88E-70	Lower
155-01	1.497	-1.006	0.92	92	1978	20.91	4.17E-52	Middle
155-01	1.478	-1.396	0.97	101	1977	7.99	4.66E-77	Upper
155-02	0.921	0.079	0.95	111	1975	5.55	1.10E-72	Lower
155-02	1.400	-0.763	0.88	112	1979	31.99	9.15E-53	Middle
155-02	1.548	-1.365	0.95	124	1979	16.53	2.49E-81	Upper
155-03	1.855	-0.992	0.99	12	1985	0.26	9.67E-13	Lower
155-03	1.748	-1.108	1.00	13	1985	0.13	7.54E-15	Middle
155-03	1.550	-1.330	0.98	16	1985	0.74	6.85E-14	Upper
156-01	0.996	0.286	0.99	50	1975	0.71	6.64E-48	Lower
156-01	1.222	-0.106	0.83	49	1977	19.06	1.84E-19	Middle
156-01	1.730	-1.102	0.98	57	1975	5.01	2.07E-46	Upper
156-02	1.471	-1.743	0.67	86	1979	87.88	6.17E-22	Middle
156-02	1.371	-1.838	0.66	92	1979	86.33	1.48E-22	Upper
156-03	1.485	-1.369	0.72	111	1965	114.99	1.50E-31	Middle
156-03	1.560	-1.680	0.84	121	1978	65.66	1.10E-49	Upper
157-01	1.536	-1.341	0.99	13	1957	0.56	3.35E-12	Lower
157-01	1.449	-1.433	0.98	14	1957	0.84	5.46E-12	Middle
157-01	1.287	-1.604	0.95	17	1957	2.39	3.13E-11	Upper
157-02	1.370	-0.926	0.90	42	1987	12.44	3.03E-21	Lower
157-02	1.507	-1.308	0.96	42	1957	5.22	2.84E-30	Middle
157-02	1.378	-1.404	0.92	53	1957	11.06	3.77E-29	Upper
157-03	0.947	0.540	0.90	139	1983	11.00	3.94E-69	Lower
157-03	1.933	-0.460	0.89	140	1983	50.23	3.50E-67	Middle
157-03	1.642	-1.407	0.70	147	1983	129.27	6.09E-40	Upper
157-04	0.951	0.367	0.90	62	1985	4.88	7.96E-32	Lower
157-04	0.933	-0.098	0.58	63	1985	32.68	5.99E-13	Middle
157-04	1.459	-1.286	0.54	67	1985	96.78	1.91E-12	Upper
158-01	1.133	-0.425	0.86	123	1951	34.86	2.54E-53	Lower
158-01	1.576	-1.274	0.99	115	1951	4.43	3.60E-112	Middle
158-01	1.394	-1.467	0.96	139	1978	12.98	1.71E-100	Upper
159-02	0.608	0.868	0.83	59	1983	3.44	7.76E-24	Lower
159-02	1.820	-0.138	0.73	60	1983	60.21	4.23E-18	Middle
159-02	1.923	-0.939	0.75	63	1983	62.39	7.85E-20	Upper
161-01	1.258	0.177	0.64	15	1989	9.41	3.46E-04	Lower
161-01	1.857	-0.976	0.84	14	1989	6.70	4.12E-06	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
161-01	1.564	-1.651	0.74	20	1989	12.65	1.02E-06	Upper
161-02	1.714	-1.524	0.57	147	1975	228.25	2.61E-28	Middle
161-02	1.542	-1.670	0.58	152	1993	186.72	2.03E-30	Upper
161-03	0.872	-0.061	0.62	64	1983	24.13	1.15E-14	Lower
161-03	1.320	-1.862	0.60	69	1983	67.69	4.97E-15	Upper
161-04	1.964	-0.236	0.72	39	1990	29.57	6.48E-12	Lower
161-04	2.189	-0.635	1.00	40	1990	0.21	4.11E-52	Middle
161-04	1.983	-0.858	0.99	42	1990	0.55	3.70E-46	Upper
161-05	1.735	-0.752	0.88	20	1980	9.10	1.18E-09	Lower
161-05	1.741	-1.077	0.96	19	1980	2.38	1.11E-13	Middle
161-05	1.570	-1.239	0.95	25	1980	3.68	2.65E-16	Upper
161-06	1.574	-1.059	0.95	99	1980	13.31	3.45E-66	Lower
161-06	1.530	-1.349	0.99	97	1980	1.54	3.58E-107	Middle
161-06	1.410	-1.480	0.99	108	1980	2.86	5.89E-103	Upper
161-07	1.854	-1.000	1.00	20	1977	0.13	7.13E-25	Lower
161-07	1.755	-1.104	0.99	23	1981	0.41	4.51E-24	Middle
161-07	1.601	-1.272	1.00	23	1981	0.09	3.74E-30	Upper
161-08	1.173	-0.203	0.57	148	1980	154.83	6.98E-29	Lower
161-08	1.785	-1.417	0.83	146	1980	97.35	3.12E-57	Middle
161-08	1.531	-1.620	0.83	157	1980	77.30	8.92E-62	Upper
161-09	0.728	0.806	0.74	124	1983	14.68	5.69E-38	Lower
161-09	1.609	0.102	0.71	122	1983	80.79	6.24E-34	Middle
161-09	1.899	-0.947	0.79	132	1983	87.94	2.68E-45	Upper
162-01	0.906	0.344	0.89	85	1981	8.20	3.39E-42	Lower
162-01	0.952	0.079	0.96	85	1981	3.20	9.66E-60	Middle
162-01	1.645	-0.997	0.91	95	1974	25.01	3.61E-51	Upper
164-01	0.950	0.029	0.99	11	1981	0.12	1.61E-10	Lower
164-01	1.573	-0.731	0.82	10	1981	5.78	3.17E-04	Middle
164-01	1.678	-1.172	0.98	16	1981	0.98	5.74E-14	Upper
165-04	0.761	0.649	0.78	139	1972	18.92	4.46E-47	Lower
165-04	1.328	-0.126	0.75	143	1983	70.02	1.52E-44	Middle
165-04	1.670	-1.388	0.77	152	1972	106.01	5.66E-50	Upper
165-05	1.422	0.031	0.68	20	1958	15.36	7.29E-06	Lower
165-05	1.998	-0.822	0.98	17	1958	1.08	4.89E-14	Middle
165-05	1.747	-1.082	0.97	24	1958	1.57	4.76E-19	Upper
166-01	1.871	-1.566	0.60	71	1995	114.44	3.04E-15	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
166-01	1.703	-1.691	0.60	72	1995	93.88	1.47E-15	Middle
166-01	1.543	-1.816	0.60	76	1995	81.01	1.87E-16	Upper
166-05	0.927	-2.271	0.71	9	1936	2.65	4.42E-03	Upper
167-01	1.172	-2.067	0.56	22	1993	20.32	5.76E-05	Lower
167-01	0.988	-2.205	0.53	22	1993	15.80	1.36E-04	Middle
167-01	1.196	-2.070	0.68	28	1961	19.71	6.48E-08	Upper
167-02	1.531	-1.082	0.88	89	1978	33.50	5.17E-42	Lower
167-02	1.506	-1.337	0.97	87	1963	7.56	2.02E-64	Middle
167-02	1.359	-1.486	0.96	97	1963	10.38	2.12E-66	Upper
167-03	1.194	0.425	0.50	39	1983	36.47	4.27E-07	Lower
167-03	1.909	-0.942	0.73	41	1983	38.57	1.08E-12	Middle
167-03	1.599	-1.498	0.66	43	1983	38.89	3.95E-11	Upper
170-01	1.608	-0.911	0.51	114	1978	195.88	3.12E-19	Lower
170-01	1.475	-1.648	0.53	111	1978	152.03	1.19E-19	Middle
170-01	1.404	-1.720	0.55	120	1978	143.68	5.84E-22	Upper
170-02	1.950	-0.884	0.99	66	1989	1.32	2.33E-74	Lower
170-02	1.849	-0.994	0.99	66	1989	1.36	5.17E-72	Middle
170-02	1.642	-1.227	0.98	70	1989	3.33	3.77E-61	Upper
171-01	0.798	0.697	0.85	133	1986	11.17	1.03E-56	Lower
171-01	1.452	-0.056	0.76	133	1986	67.52	1.53E-42	Middle
171-01	1.711	-1.229	0.75	139	1986	104.41	3.31E-43	Upper
171-02	2.162	-1.308	0.64	147	1995	231.35	2.76E-34	Lower
171-02	2.054	-1.392	0.65	147	1995	200.74	9.61E-35	Middle
171-02	1.779	-1.604	0.64	152	1995	167.60	1.15E-34	Upper
171-03	1.134	0.475	0.84	97	1986	16.52	3.73E-40	Lower
171-03	2.258	-0.546	0.99	97	1986	3.49	1.53E-97	Middle
171-03	2.023	-0.806	0.99	101	1986	2.65	8.95E-104	Upper
172-01	1.405	-1.779	0.61	113	1981	121.49	1.03E-24	Middle
172-01	1.209	-1.951	0.61	116	1981	94.74	4.88E-25	Upper
172-30	1.314	-1.507	0.61	47	1970	62.46	7.27E-11	Lower
172-30	1.452	-1.811	0.75	48	1970	41.03	2.24E-15	Middle
172-30	1.384	-1.853	0.77	52	1970	37.77	2.26E-17	Upper
173-01	1.035	0.826	0.93	191	1985	6.95	8.86E-114	Lower
173-01	1.935	-0.172	0.59	190	1985	241.45	5.31E-38	Middle
173-01	1.904	-1.218	0.62	194	1985	205.85	1.66E-42	Upper
177-03	1.188	-0.582	0.62	162	1977	173.69	8.53E-36	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
177-03	1.653	-1.397	0.89	163	1977	67.70	6.58E-80	Middle
177-03	1.500	-1.565	0.87	175	1977	74.99	3.23E-77	Upper
177-04	0.827	0.504	0.82	303	1992	38.52	2.02E-113	Lower
177-04	1.546	-0.418	0.77	304	1982	181.02	5.67E-99	Middle
177-04	1.517	-1.510	0.68	315	1992	289.39	2.46E-79	Upper
177-05	0.713	0.755	0.82	287	1995	25.46	6.42E-107	Lower
177-05	1.307	0.051	0.71	285	1995	156.55	1.61E-77	Middle
177-05	1.529	-1.576	0.60	296	1995	356.96	6.90E-61	Upper
177-30	1.859	-0.558	0.51	112	1953	193.95	1.60E-18	Middle
177-30	1.903	-1.233	0.61	118	1953	139.45	1.91E-25	Upper
178-02	1.460	-0.971	0.70	106	1973	112.40	1.18E-28	Lower
178-02	1.583	-1.478	0.87	110	1980	47.31	5.13E-50	Middle
178-02	1.432	-1.637	0.86	117	1973	44.37	4.97E-51	Upper
178-03	0.848	0.050	0.73	167	1977	49.65	5.18E-49	Lower
178-03	1.500	-1.636	0.78	181	1977	126.05	1.65E-61	Upper
185-01	1.057	0.103	0.83	127	1980	27.61	3.09E-50	Lower
185-01	1.893	-0.922	0.98	130	1971	8.63	5.02E-113	Middle
185-01	1.688	-1.143	0.97	135	1980	10.24	2.22E-107	Upper
187-01	1.096	-2.047	0.54	134	1978	107.22	7.39E-24	Middle
187-01	1.073	-2.063	0.56	144	1978	104.13	3.84E-27	Upper
187-02	1.613	-0.612	0.69	87	1983	102.19	1.47E-23	Lower
187-02	1.701	-1.562	0.71	88	1983	103.51	4.47E-25	Middle
187-02	1.570	-1.666	0.72	91	1983	90.25	3.54E-26	Upper
187-03	0.669	0.604	0.78	37	1982	4.10	3.89E-13	Lower
187-03	0.884	0.179	0.87	34	1982	3.53	7.02E-16	Middle
187-03	1.509	-0.839	0.72	43	1982	33.19	6.17E-13	Upper
187-04	1.509	0.166	0.62	221	1985	216.62	8.42E-48	Lower
187-04	2.121	-0.595	0.94	225	1990	48.58	2.18E-135	Middle
187-04	1.765	-1.208	0.83	230	1990	101.22	3.61E-91	Upper
188-01	0.919	0.323	0.98	168	1990	2.38	6.25E-138	Lower
188-01	1.094	-0.024	0.81	166	1989	32.51	2.82E-61	Middle
188-01	1.728	-1.059	0.95	179	1990	21.50	1.27E-113	Upper
188-02	0.933	0.160	0.51	114	1990	79.81	4.41E-19	Lower
188-02	1.008	-0.133	0.51	114	1990	92.81	5.54E-19	Middle
188-02	1.723	-1.181	0.80	122	1984	75.94	2.56E-43	Upper
188-03	1.750	-1.616	0.65	138	1986	154.82	4.22E-33	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
188-03	1.554	-1.776	0.66	143	1986	125.03	9.81E-35	Upper
190-01	1.191	-0.326	0.82	130	1986	48.03	5.03E-49	Lower
190-01	1.642	-1.142	0.96	133	1983	18.05	3.25E-92	Middle
190-01	1.506	-1.408	0.90	140	1983	39.45	4.93E-71	Upper
190-02	1.863	-0.934	0.98	172	1984	10.19	8.00E-154	Lower
190-02	1.817	-1.031	0.99	171	1984	7.93	1.41E-159	Middle
190-02	1.679	-1.173	0.96	180	1986	20.76	1.92E-127	Upper
192-01	0.928	0.312	0.98	90	1989	1.33	1.43E-75	Lower
192-01	0.834	0.232	0.94	89	1989	3.13	1.41E-54	Middle
192-01	1.357	-0.715	0.78	96	1989	39.49	1.44E-32	Upper
193-01	1.588	-0.886	0.79	196	1991	162.99	3.18E-67	Lower
193-01	1.724	-1.325	0.89	197	1991	85.80	4.15E-96	Middle
193-01	1.535	-1.513	0.89	209	1979	75.21	1.90E-99	Upper
193-02	1.861	-1.300	0.88	111	1989	55.42	9.87E-52	Lower
193-02	1.756	-1.419	0.87	113	1990	52.05	1.33E-51	Middle
193-02	1.593	-1.556	0.87	120	1977	45.07	4.30E-55	Upper
193-03	1.537	-1.809	0.50	37	1980	41.66	9.93E-07	Middle
193-03	1.388	-1.932	0.54	38	1980	31.55	1.75E-07	Upper
193-04	1.973	-1.487	0.66	87	1980	103.57	1.55E-21	Middle
193-04	1.729	-1.667	0.67	91	1980	80.37	4.30E-23	Upper
193-05	2.192	-1.166	0.73	66	1981	73.41	1.06E-19	Lower
193-05	2.091	-1.412	0.76	69	1981	58.33	1.54E-22	Middle
193-05	1.911	-1.549	0.76	71	1981	49.43	3.04E-23	Upper
193-06	1.986	-0.846	1.00	37	1991	0.53	1.45E-43	Lower
193-06	1.880	-0.956	0.99	37	1991	0.89	2.41E-38	Middle
193-06	1.709	-1.139	0.98	42	1991	2.47	1.13E-34	Upper
193-31	2.295	-1.165	0.58	27	1995	61.55	3.80E-06	Lower
193-31	2.292	-1.181	0.61	25	1995	50.25	4.39E-06	Middle
193-31	2.156	-1.283	0.59	31	1995	61.17	5.26E-07	Upper
194-01	1.652	-1.081	0.74	133	1986	124.17	6.50E-40	Middle
194-01	1.722	-1.455	0.84	136	1986	75.93	2.63E-54	Upper
194-02	1.944	-1.037	0.86	258	1986	130.41	1.00E-109	Middle
194-02	1.786	-1.204	0.84	268	1986	126.15	2.09E-109	Upper
194-03	1.528	-0.537	0.67	230	1986	271.61	3.11E-56	Lower
194-03	1.930	-1.206	0.88	232	1988	120.85	1.04E-106	Middle
194-03	1.655	-1.457	0.87	238	1986	96.43	3.98E-107	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
194-06	1.583	-1.025	0.71	149	1980	181.79	6.23E-41	Lower
194-06	1.795	-1.468	0.88	148	1978	76.39	2.42E-69	Middle
194-06	1.650	-1.613	0.87	158	1978	72.72	9.13E-72	Upper
194-07	1.716	-0.980	0.96	88	1984	15.88	1.07E-59	Lower
194-07	1.688	-1.149	0.98	84	1974	7.18	1.92E-69	Middle
194-07	1.486	-1.377	0.97	99	1984	7.45	3.70E-78	Upper
195-02	0.891	0.487	0.90	35	1990	2.53	9.71E-18	Lower
195-02	1.837	-0.410	0.83	35	1990	18.72	4.70E-14	Middle
195-02	1.610	-1.349	0.72	39	1990	30.92	8.14E-12	Upper
195-03	2.010	-1.333	0.67	93	1995	129.23	2.36E-23	Middle
195-03	1.830	-1.558	0.67	100	1995	109.07	1.97E-25	Upper
196-01	2.017	-1.426	0.71	126	1978	127.49	5.46E-35	Middle
196-01	1.829	-1.574	0.73	135	1978	103.03	3.61E-39	Upper
196-02	0.996	0.572	0.86	42	1989	4.43	2.19E-18	Lower
196-02	2.099	-0.434	0.90	46	1989	14.65	8.71E-24	Middle
196-02	1.772	-1.335	0.75	50	1989	35.74	4.30E-16	Upper
196-03	1.505	-0.369	0.69	100	1983	98.44	5.74E-27	Lower
196-03	1.595	-1.546	0.76	99	1983	80.23	8.53E-32	Middle
196-03	1.436	-1.707	0.75	107	1983	72.86	2.82E-33	Upper
196-04	1.002	0.563	0.87	147	1985	16.74	4.54E-66	Lower
196-04	1.954	-0.620	0.79	147	1985	110.33	1.85E-51	Middle
196-04	1.915	-1.267	0.80	153	1985	107.63	3.17E-54	Upper
198-02	0.805	0.488	0.55	150	1990	67.20	2.36E-27	Lower
198-02	1.030	-0.011	0.56	152	1990	105.93	2.31E-28	Middle
198-02	1.808	-1.011	0.87	158	1990	65.23	8.54E-71	Upper
198-03	0.992	0.359	0.99	70	1982	0.83	4.54E-70	Lower
198-03	1.530	-0.495	0.83	71	1982	41.32	3.09E-28	Middle
198-03	1.723	-1.125	0.97	76	1982	7.54	7.18E-60	Upper
198-30	0.735	0.712	0.85	36	1984	2.79	1.64E-15	Lower
198-30	0.921	0.411	0.86	40	1984	4.50	1.59E-17	Middle
198-30	1.217	-0.428	0.52	42	1984	46.00	8.37E-08	Upper
199-01	2.454	-1.080	0.76	115	1983	123.66	6.63E-37	Lower
199-01	2.378	-1.138	0.76	118	1983	121.58	1.79E-37	Middle
199-01	2.156	-1.316	0.76	120	1983	101.26	3.95E-38	Upper
199-02	2.178	-1.146	0.63	165	1995	266.23	3.31E-37	Lower
199-02	2.170	-1.281	0.64	166	1995	261.01	4.51E-38	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
199-02	1.998	-1.400	0.62	170	1995	239.11	1.74E-37	Upper
200-01	0.847	0.690	0.92	37	1982	1.70	2.35E-20	Lower
200-01	0.840	0.478	0.90	38	1982	2.19	2.56E-19	Middle
200-01	0.994	-0.042	0.72	41	1982	11.28	3.45E-12	Upper
200-02	0.876	0.272	0.95	173	1983	6.76	1.07E-113	Lower
200-02	0.793	0.169	0.89	172	1983	13.77	6.06E-82	Middle
200-02	0.813	-0.265	0.76	182	1983	37.42	3.73E-57	Upper
201-03	1.454	-0.700	0.86	177	1987	61.66	9.54E-77	Lower
201-03	1.582	-1.102	0.93	180	1987	33.54	7.57E-106	Middle
201-03	1.429	-1.301	0.93	188	1957	30.90	1.36E-106	Upper
203-01	1.319	-1.963	0.51	42	1995	47.08	1.26E-07	Upper
203-02	1.365	-0.959	0.68	124	1987	131.59	1.04E-31	Lower
203-02	1.539	-1.505	0.83	123	1980	71.31	5.00E-48	Middle
203-02	1.411	-1.614	0.83	136	1987	62.91	2.86E-54	Upper
203-03	1.376	-0.401	0.72	111	1961	87.05	5.65E-32	Lower
203-03	1.689	-1.172	0.82	112	1961	72.93	5.66E-43	Middle
203-03	1.491	-1.549	0.75	124	1961	94.92	4.70E-39	Upper
203-04	1.995	-0.839	1.00	14	1990	0.07	2.88E-18	Lower
203-04	1.885	-0.957	0.99	14	1990	0.42	2.68E-13	Middle
203-04	1.612	-1.249	0.96	19	1990	1.69	3.61E-13	Upper
204-01	0.976	0.056	0.99	151	1983	0.85	5.86E-163	Lower
204-01	0.908	-0.012	0.97	151	1983	3.25	2.21E-116	Middle
204-01	0.895	-0.387	0.75	157	1983	35.31	1.08E-48	Upper
204-02	0.812	0.120	0.92	56	1983	3.25	7.35E-32	Lower
204-02	1.589	-1.106	0.94	55	1983	9.38	9.08E-34	Middle
204-02	1.480	-1.385	0.98	62	1983	3.37	1.25E-50	Upper
204-03	1.005	0.151	0.97	133	1981	3.64	3.88E-101	Lower
204-03	1.766	-0.959	0.96	135	1981	14.57	2.62E-96	Middle
204-03	1.648	-1.142	0.93	143	1992	25.83	1.10E-81	Upper
204-04	0.626	0.731	0.83	18	1992	1.15	1.55E-07	Lower
204-04	0.884	0.128	0.59	21	1992	9.40	4.81E-05	Middle
204-04	1.665	-0.997	0.87	24	1992	7.56	4.19E-11	Upper
205-02	1.422	-0.853	0.57	81	1982	116.46	2.65E-16	Middle
205-02	1.768	-1.449	0.82	86	1982	54.76	2.66E-33	Upper
205-03	0.910	0.309	0.98	93	1988	1.14	4.31E-83	Lower
205-03	0.856	0.257	0.95	92	1988	2.81	3.43E-62	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
205-03	1.085	-0.312	0.72	99	1988	40.07	1.87E-28	Upper
206-01	1.556	-1.586	0.75	220	1963	222.52	4.24E-68	Lower
206-01	1.509	-1.751	0.78	221	1963	181.32	5.05E-74	Middle
206-01	1.388	-1.849	0.77	225	1963	164.97	5.77E-73	Upper
207-01	1.788	-0.630	0.73	202	1995	205.46	5.20E-58	Lower
207-01	1.953	-1.137	0.78	206	1984	177.54	9.90E-70	Middle
207-01	1.727	-1.340	0.76	215	1995	166.90	5.26E-68	Upper
207-02	0.832	0.408	0.94	176	1986	6.92	8.86E-106	Lower
207-02	0.803	0.129	0.90	174	1986	10.91	1.63E-86	Middle
207-02	0.759	-0.217	0.73	182	1986	32.51	1.24E-52	Upper
207-03	0.764	0.559	0.77	49	1981	9.60	1.65E-16	Lower
207-03	1.001	-0.056	0.73	47	1981	18.81	1.67E-14	Middle
207-03	1.710	-1.475	0.81	57	1981	40.03	8.48E-22	Upper
207-05	1.721	-1.139	0.99	10	1982	0.37	3.65E-09	Lower
207-05	1.589	-1.285	1.00	10	1982	0.15	9.20E-11	Middle
207-05	1.461	-1.423	0.97	16	1982	0.92	1.53E-12	Upper
207-06	1.012	0.105	0.98	58	1982	0.96	8.33E-51	Lower
207-06	1.654	-0.877	0.94	57	1985	9.88	2.45E-34	Middle
207-06	1.594	-1.259	0.97	67	1985	4.88	3.47E-50	Upper
207-08	1.720	-1.140	0.99	15	1987	0.50	1.40E-14	Lower
207-08	1.662	-1.195	0.99	15	1987	0.50	2.64E-14	Middle
207-08	1.462	-1.418	0.99	19	1987	0.66	3.73E-17	Upper
207-09	0.898	0.621	0.91	112	1983	6.69	2.12E-58	Lower
207-09	1.947	-0.312	0.85	113	1983	55.94	6.93E-47	Middle
207-09	1.827	-1.119	0.72	117	1983	107.14	5.48E-34	Upper
208-01	1.553	-1.020	0.91	18	1982	5.56	8.72E-10	Lower
208-01	1.593	-1.262	0.97	20	1982	2.26	8.72E-15	Middle
208-01	1.408	-1.469	0.98	23	1982	0.96	3.65E-20	Upper
208-02	0.844	0.025	0.91	15	1975	1.04	3.73E-08	Lower
208-02	0.799	-0.124	0.90	12	1975	1.00	2.80E-06	Middle
208-02	1.486	-1.384	0.97	21	1975	1.37	7.04E-16	Upper
208-30	1.938	-0.893	0.99	46	1991	1.99	3.67E-44	Lower
208-30	1.825	-1.017	0.98	46	1991	3.08	1.86E-38	Middle
208-30	1.626	-1.234	0.97	50	1991	4.23	1.68E-37	Upper
210-01	1.035	0.136	0.98	105	1985	2.29	3.77E-86	Lower
210-01	1.604	-0.745	0.92	109	1985	20.88	1.61E-59	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
210-01	1.632	-1.188	0.95	116	1985	14.86	7.59E-74	Upper
210-02	2.059	-0.739	0.99	87	1991	3.99	1.01E-81	Lower
210-02	1.980	-0.834	0.99	89	1991	4.11	3.78E-81	Middle
210-02	1.821	-1.015	0.96	92	1991	10.87	1.36E-63	Upper
211-01	1.065	0.219	0.98	31	1979	0.79	2.62E-27	Lower
211-01	1.749	-0.860	0.95	32	1979	7.35	1.65E-20	Middle
211-01	1.642	-1.212	0.98	36	1979	1.88	1.36E-32	Upper
211-02	1.608	-1.267	1.00	111	1952	1.15	4.03E-135	Lower
211-02	1.555	-1.323	0.99	109	1952	1.50	5.81E-124	Middle
211-02	1.434	-1.456	0.96	120	1954	9.95	2.61E-87	Upper
211-03	0.393	0.631	0.70	105	1955	10.49	6.32E-29	Lower
211-03	1.122	-0.635	0.65	107	1955	109.64	9.16E-26	Middle
211-03	1.249	-1.528	0.80	111	1955	65.98	5.97E-40	Upper
211-04	1.474	-1.123	0.95	25	1962	3.68	6.67E-17	Lower
211-04	1.480	-1.400	0.99	22	1962	0.52	1.17E-22	Middle
211-04	1.343	-1.546	0.98	30	1962	1.25	1.74E-26	Upper
213-04	0.967	0.020	0.56	53	1980	41.33	1.43E-10	Lower
213-04	1.261	-0.803	0.56	53	1980	71.58	1.20E-10	Middle
213-04	1.676	-1.539	0.84	59	1980	32.49	2.67E-24	Upper
213-05	0.983	0.066	0.99	68	1982	0.83	4.36E-63	Lower
213-05	0.885	-0.029	0.95	67	1982	2.38	1.13E-44	Middle
213-05	1.210	-0.738	0.81	74	1982	22.41	9.86E-28	Upper
213-06	1.687	-1.503	0.68	55	1987	62.25	8.30E-15	Upper
213-08	0.935	0.225	0.97	91	1983	1.84	3.70E-71	Lower
213-08	0.947	0.039	0.98	89	1983	1.22	2.71E-78	Middle
213-08	1.558	-1.067	0.93	97	1983	13.89	2.91E-57	Upper
214-01	1.647	-1.224	1.00	114	1982	0.98	3.91E-149	Lower
214-01	1.545	-1.335	1.00	116	1965	1.74	4.86E-134	Middle
214-01	1.354	-1.539	0.98	123	1965	5.86	2.72E-105	Upper
215-01	1.459	-0.607	0.89	118	1983	27.62	9.81E-58	Lower
215-01	1.677	-1.168	0.98	115	1983	4.87	7.82E-104	Middle
215-01	1.492	-1.364	0.97	124	1983	8.47	4.12E-92	Upper
216-01	1.649	-1.118	0.97	61	1978	6.83	2.75E-47	Lower
216-01	1.521	-1.362	0.99	62	1978	1.27	5.36E-68	Middle
216-01	1.368	-1.526	0.99	67	1978	1.71	7.30E-67	Upper
216-02	0.992	0.072	0.99	5	1982	0.03	2.16E-04	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
216-02	1.787	-1.084	0.99	9	1982	0.16	4.30E-09	Middle
216-02	1.679	-1.206	0.99	10	1982	0.38	1.39E-08	Upper
217-01	1.898	-0.965	0.98	53	1989	3.17	9.08E-48	Lower
217-01	1.814	-1.061	0.98	55	1989	4.85	2.66E-44	Middle
217-01	1.640	-1.247	0.95	58	1989	7.79	5.01E-39	Upper
217-02	0.927	0.357	0.97	132	1983	3.03	2.84E-101	Lower
217-02	0.922	0.179	0.94	134	1983	5.65	7.29E-85	Middle
217-02	1.446	-0.850	0.86	140	1983	42.04	3.28E-60	Upper
218-01	0.887	0.353	0.94	129	1983	5.56	9.06E-79	Lower
218-01	0.921	0.062	0.94	129	1983	6.06	2.73E-79	Middle
218-01	1.162	-0.539	0.78	140	1983	42.47	1.09E-47	Upper
218-30	0.865	0.305	0.92	27	1982	1.51	5.50E-15	Lower
218-30	0.907	0.019	0.90	26	1982	1.98	1.43E-13	Middle
218-30	0.803	-0.079	0.82	33	1982	3.75	4.23E-13	Upper
219-01	0.919	0.022	0.98	80	1979	1.88	3.86E-65	Lower
219-01	0.818	-0.103	0.93	81	1979	4.91	7.22E-47	Middle
219-01	0.826	-0.328	0.75	84	1979	21.67	1.67E-26	Upper
219-02	0.842	0.314	0.88	285	1983	25.47	6.75E-135	Lower
219-02	0.885	0.041	0.93	280	1982	15.18	3.94E-166	Middle
219-02	1.240	-0.822	0.70	306	1983	187.47	4.43E-82	Upper
219-03	1.649	-1.488	0.76	117	1978	117.79	4.58E-37	Middle
219-03	1.573	-1.682	0.79	121	1977	92.94	1.36E-41	Upper
219-04	0.978	0.224	0.94	75	1985	4.22	1.44E-46	Lower
219-04	1.093	-0.171	0.77	77	1985	25.86	2.58E-25	Middle
219-04	1.659	-1.367	0.85	82	1985	35.18	3.57E-35	Upper
219-05	1.009	0.095	0.96	195	1982	7.17	1.12E-136	Lower
219-05	1.258	-0.450	0.84	194	1985	50.01	3.16E-78	Middle
219-05	1.619	-1.239	0.95	204	1982	25.87	4.38E-130	Upper
219-07	1.158	0.403	0.73	144	1984	50.34	1.49E-42	Lower
219-07	2.057	-0.776	0.88	143	1970	61.79	8.13E-66	Middle
219-07	1.461	-1.659	0.61	151	1984	154.58	4.63E-32	Upper
219-08	2.362	-1.183	0.75	54	1981	59.71	1.77E-17	Lower
219-08	2.255	-1.236	0.76	55	1981	54.93	4.22E-18	Middle
219-08	2.031	-1.438	0.75	59	1981	48.88	7.64E-19	Upper
219-30	1.220	-0.539	0.66	96	1962	102.73	1.08E-23	Lower
219-30	1.626	-1.519	0.91	98	1962	35.69	1.17E-51	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
219-30	1.485	-1.656	0.91	109	1962	32.78	2.34E-57	Upper
220-02	1.768	-1.667	0.57	48	1995	78.50	4.62E-10	Lower
220-02	1.608	-1.782	0.58	46	1995	59.81	7.50E-10	Middle
220-02	1.448	-1.901	0.58	53	1995	55.98	3.34E-11	Upper
221-01	1.729	-1.058	0.50	54	1995	110.46	1.93E-09	Lower
221-01	1.859	-1.581	0.57	53	1995	93.28	5.09E-11	Middle
221-01	1.714	-1.693	0.58	59	1995	86.20	2.50E-12	Upper
221-02	2.161	-1.287	0.63	45	1995	74.67	1.02E-10	Lower
221-02	2.053	-1.376	0.61	43	1995	68.72	5.01E-10	Middle
221-02	1.945	-1.457	0.61	50	1995	70.30	1.69E-11	Upper
223-03	1.533	0.124	0.72	92	1990	65.33	6.33E-27	Lower
223-03	1.808	-1.253	0.71	94	1990	102.53	9.25E-27	Middle
223-03	1.633	-1.523	0.68	104	1990	109.98	9.34E-27	Upper
224-01	0.929	0.109	0.94	129	1978	6.14	3.56E-79	Lower
224-01	0.831	-0.049	0.91	125	1978	7.66	1.61E-65	Middle
224-01	0.838	-0.412	0.68	138	1978	38.55	2.96E-35	Upper
224-02	1.037	-0.244	0.52	116	1981	129.58	9.28E-20	Lower
224-02	1.104	-0.599	0.52	115	1981	145.52	1.52E-19	Middle
224-02	1.688	-1.463	0.83	125	1981	81.06	7.47E-49	Upper
226-01	0.811	0.394	0.80	62	1979	8.81	8.63E-23	Lower
226-01	0.942	-0.098	0.59	57	1979	30.35	2.39E-12	Middle
226-01	1.512	-1.114	0.65	68	1979	71.27	7.94E-17	Upper
227-03	1.928	-0.907	1.00	32	1987	0.51	3.20E-36	Lower
227-03	1.834	-1.021	1.00	32	1987	0.09	4.36E-47	Middle
227-03	1.706	-1.170	0.99	37	1987	1.14	4.57E-35	Upper
228-04	1.609	-0.194	0.58	50	1984	59.55	1.51E-10	Lower
228-04	1.748	-1.403	0.69	48	1984	40.33	2.47E-13	Middle
228-04	1.553	-1.609	0.71	55	1984	35.57	7.53E-16	Upper
228-05	1.738	-1.481	0.69	19	1988	16.93	9.42E-06	Lower
228-05	1.731	-1.455	0.76	18	1988	12.71	2.19E-06	Middle
228-05	1.546	-1.672	0.70	22	1988	15.44	1.23E-06	Upper
228-06	1.707	-1.125	0.61	154	1988	193.15	1.39E-32	Lower
228-06	1.610	-1.573	0.70	151	1988	111.38	1.17E-40	Middle
228-06	1.489	-1.686	0.70	159	1988	98.94	2.05E-43	Upper
229-05	1.772	-1.707	0.61	82	1993	122.17	3.27E-18	Lower
229-05	1.663	-1.780	0.62	84	1993	107.13	6.71E-19	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
229-05	1.506	-1.891	0.62	88	1993	92.09	1.19E-19	Upper
230-02	0.825	0.533	0.92	61	1980	2.31	7.79E-35	Lower
230-02	0.814	0.266	0.92	58	1980	2.48	9.49E-32	Middle
230-02	1.191	-0.360	0.74	65	1980	22.53	6.65E-20	Upper
230-03	1.528	-1.123	0.61	75	1979	117.72	1.05E-16	Lower
230-03	1.683	-1.525	0.74	72	1979	72.55	1.89E-22	Middle
230-03	1.540	-1.647	0.76	85	1979	67.35	3.68E-27	Upper
230-05	1.444	-0.274	0.87	185	1984	54.63	1.10E-81	Lower
230-05	1.843	-1.004	0.97	183	1990	15.49	1.11E-144	Middle
230-05	1.633	-1.228	0.95	197	1984	24.18	2.88E-129	Upper
232-01	1.891	-1.363	0.78	202	1995	187.43	7.08E-67	Middle
232-01	1.715	-1.532	0.77	214	1995	165.59	5.46E-70	Upper
232-30	1.599	-1.605	0.65	104	1987	126.02	6.78E-25	Middle
232-30	1.480	-1.720	0.64	110	1987	119.37	1.34E-25	Upper
232-31	1.499	-1.416	0.59	14	1986	20.32	1.38E-03	Lower
232-31	1.197	-2.003	0.51	13	1986	13.66	6.18E-03	Middle
232-31	1.391	-1.793	0.69	18	1986	14.74	2.14E-05	Upper
236-01	1.580	-1.052	0.67	81	1979	100.97	1.13E-20	Middle
236-01	1.711	-1.527	0.84	85	1979	47.46	9.21E-35	Upper
236-02	0.893	0.255	0.94	66	1991	3.39	3.01E-41	Lower
236-02	1.467	-0.649	0.83	71	1981	31.85	3.12E-28	Middle
236-02	1.623	-1.258	0.94	76	1991	11.69	5.57E-48	Upper
238-01	0.837	-0.090	0.99	10	1976	0.10	3.55E-09	Lower
238-01	1.598	-1.265	0.99	10	1976	0.31	1.32E-09	Middle
238-01	1.409	-1.468	0.97	15	1976	1.02	1.55E-11	Upper
238-02	1.215	-0.353	0.87	70	1981	16.64	5.83E-32	Lower
238-02	1.694	-1.162	0.99	71	1981	2.37	9.97E-70	Middle
238-02	1.524	-1.346	0.96	77	1981	6.93	4.12E-56	Upper
238-03	0.934	0.627	0.94	10	1984	0.41	3.49E-06	Lower
238-03	1.470	-0.027	0.61	11	1984	10.54	4.27E-03	Middle
238-03	1.920	-0.813	0.91	14	1984	4.35	1.53E-07	Upper
239-31	0.805	0.447	0.90	68	1988	3.93	6.32E-35	Lower
239-31	0.846	0.137	0.93	67	1988	3.03	1.97E-38	Middle
239-31	1.296	-0.746	0.81	74	1988	22.90	5.59E-28	Upper
240-03	0.869	0.257	0.96	137	1978	3.73	4.00E-99	Lower
240-03	0.774	0.161	0.91	136	1978	7.98	1.78E-70	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
240-03	0.779	-0.261	0.67	143	1978	41.14	1.63E-35	Upper
241-03	1.940	-0.891	0.99	45	1990	0.98	4.69E-49	Lower
241-03	1.796	-1.048	0.99	45	1990	0.88	1.16E-48	Middle
241-03	1.580	-1.280	0.98	50	1990	2.39	4.20E-42	Upper
243-01	0.856	-0.065	0.93	111	1973	7.60	6.36E-66	Lower
243-01	0.737	-0.192	0.92	113	1973	7.33	9.85E-62	Middle
243-01	0.981	-0.799	0.74	116	1973	51.98	1.01E-34	Upper
243-02	0.857	0.173	0.96	83	1979	2.95	1.18E-57	Lower
243-02	0.905	-0.013	0.98	83	1970	1.58	4.04E-70	Middle
243-02	1.324	-1.022	0.87	92	1970	25.34	6.57E-42	Upper
244-01	1.816	-1.004	0.94	90	1984	23.25	3.00E-54	Lower
244-01	1.750	-1.165	0.95	90	1985	18.72	2.91E-57	Middle
244-01	1.608	-1.368	0.90	98	1985	30.69	4.12E-50	Upper
247-01	1.470	-1.094	0.65	115	1983	139.68	1.78E-27	Middle
247-01	1.658	-1.569	0.83	121	1983	69.49	6.76E-48	Upper
247-02	1.174	-0.414	0.53	76	1982	98.29	9.90E-14	Lower
247-02	1.503	-0.869	0.66	76	1982	92.96	3.85E-19	Middle
247-02	1.811	-1.448	0.85	82	1982	48.58	5.87E-35	Upper
247-30	1.929	-0.906	1.00	20	1990	0.27	4.72E-23	Lower
247-30	1.862	-0.982	1.00	19	1990	0.20	1.59E-22	Middle
247-30	1.671	-1.197	0.98	24	1990	1.12	1.42E-20	Upper
249-90	1.537	-1.338	0.99	57	1970	1.61	7.32E-61	Lower
249-90	1.378	-1.510	0.99	56	1970	1.38	9.10E-59	Middle
249-90	1.237	-1.662	0.99	63	1970	1.11	1.29E-67	Upper
250-01	0.954	0.383	0.94	10	1988	0.27	4.56E-06	Lower
250-01	1.177	-0.425	0.64	19	1989	6.71	3.75E-05	Upper
250-03	1.630	-0.505	0.89	119	1989	37.55	6.48E-57	Lower
250-03	1.818	-1.022	0.98	120	1989	7.01	1.67E-103	Middle
250-03	1.596	-1.243	0.96	125	1989	13.31	3.09E-85	Upper
250-04	0.841	0.244	0.96	174	1988	4.73	9.98E-119	Lower
250-04	0.863	-0.018	0.92	175	1988	9.09	3.87E-98	Middle
250-04	0.672	-0.187	0.69	183	1986	30.16	2.75E-48	Upper
251-01	0.989	0.077	0.97	103	1981	2.60	1.73E-81	Lower
251-01	0.905	0.000	0.95	107	1985	4.73	4.62E-68	Middle
251-01	0.843	-0.196	0.78	112	1985	20.60	4.57E-38	Upper
251-02	0.684	0.631	0.88	189	1993	8.21	9.62E-88	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
251-02	1.201	-0.298	0.50	192	1993	182.81	1.48E-30	Middle
251-02	1.805	-1.538	0.71	197	1993	179.71	1.19E-53	Upper
252-02	2.029	-1.206	0.81	54	1987	40.75	1.65E-20	Lower
252-02	1.905	-1.301	0.82	53	1987	36.12	1.74E-20	Middle
252-02	1.725	-1.509	0.80	62	1993	34.67	8.49E-23	Upper
252-03	1.391	-0.225	0.83	95	1990	33.31	5.27E-38	Lower
252-03	1.835	-0.968	0.97	92	1990	8.13	2.05E-71	Middle
252-03	1.625	-1.210	0.96	100	1990	9.23	1.02E-71	Upper
253-02	1.945	-1.067	0.56	53	1993	89.42	1.33E-10	Middle
253-03	1.343	-1.223	0.58	27	1975	39.70	4.29E-06	Middle
253-03	1.653	-1.620	0.78	32	1975	27.49	2.53E-11	Upper
253-04	1.711	-1.544	0.75	112	1982	108.05	1.24E-34	Upper
254-02	0.895	0.293	0.97	94	1989	2.17	7.36E-71	Lower
254-02	0.785	0.204	0.91	94	1989	5.19	1.97E-49	Middle
254-02	0.713	-0.048	0.65	99	1989	24.19	1.38E-23	Upper
254-03	1.460	-0.715	0.65	127	1989	151.30	2.28E-30	Lower
254-03	1.747	-1.294	0.87	127	1989	63.29	1.37E-56	Middle
254-03	1.565	-1.472	0.86	138	1975	55.65	9.17E-61	Upper
254-04	1.015	0.469	0.85	27	1985	3.50	6.04E-12	Lower
254-04	1.995	-1.183	0.77	33	1985	28.71	1.71E-11	Upper
254-05	0.973	0.010	0.50	221	1970	229.12	3.81E-35	Lower
254-05	1.653	-1.224	0.81	216	1985	150.97	2.63E-80	Middle
254-05	1.542	-1.580	0.81	236	1989	140.63	1.34E-87	Upper
254-06	0.784	0.630	0.87	96	1981	6.92	6.28E-43	Lower
254-06	1.404	-0.101	0.68	94	1981	67.97	2.68E-24	Middle
254-06	1.775	-0.964	0.83	101	1981	52.11	1.59E-39	Upper
254-07	1.038	0.535	0.95	78	1990	3.02	2.05E-52	Lower
254-07	1.991	-0.318	0.87	79	1990	33.64	3.13E-36	Middle
254-07	2.037	-0.777	0.97	82	1990	7.32	1.06E-63	Upper
255-02	0.915	-0.003	0.96	33	1975	1.25	1.91E-23	Lower
255-02	0.915	-0.215	0.84	34	1975	6.43	2.72E-14	Middle
255-02	1.471	-1.388	0.94	44	1975	6.47	1.10E-26	Upper
255-30	1.528	-1.070	0.95	33	1956	5.91	2.66E-21	Lower
255-30	1.599	-1.161	0.97	34	1956	4.12	1.99E-25	Middle
255-30	1.536	-1.283	0.98	41	1956	3.13	7.37E-33	Upper
256-02	1.230	-0.062	0.71	44	1980	21.16	6.43E-13	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-02	1.912	-0.915	0.99	47	1985	1.88	3.29E-44	Middle
256-02	1.752	-1.082	0.98	50	1980	2.56	5.35E-43	Upper
256-03	1.804	-1.051	1.00	37	1992	0.49	2.09E-44	Lower
256-03	1.669	-1.196	1.00	40	1992	0.24	3.66E-53	Middle
256-03	1.510	-1.367	1.00	41	1992	0.41	1.14E-48	Upper
256-04	0.935	0.162	0.94	99	1985	6.22	1.44E-61	Lower
256-04	0.894	-0.008	0.90	104	1974	9.83	3.48E-53	Middle
256-04	0.770	-0.131	0.82	109	1974	15.56	9.02E-42	Upper
256-05	1.842	-0.999	0.99	100	1984	5.93	5.67E-92	Lower
256-05	1.726	-1.121	0.98	99	1984	7.75	1.95E-82	Middle
256-05	1.517	-1.350	0.97	107	1984	10.26	1.22E-78	Upper
256-06	0.962	0.048	0.96	23	1981	0.94	1.13E-15	Lower
256-06	0.870	-0.045	0.89	27	1981	2.49	2.36E-13	Middle
256-06	0.761	-0.145	0.81	29	1981	3.53	2.39E-11	Upper
258-01	1.416	-0.973	0.89	11	1981	3.50	1.11E-05	Lower
258-01	1.497	-1.386	1.00	11	1981	0.06	1.33E-13	Middle
258-01	1.419	-1.457	0.97	16	1981	1.05	1.59E-12	Upper
259-01	0.721	0.485	0.81	255	1973	31.60	2.45E-93	Lower
259-01	0.903	-0.027	0.77	257	1973	62.11	1.90E-84	Middle
259-01	1.373	-1.161	0.64	261	1973	278.91	1.18E-59	Upper
260-01	1.359	-1.087	0.57	145	1977	227.33	9.09E-28	Middle
260-01	1.661	-1.582	0.78	152	1977	133.83	1.38E-50	Upper
260-02	1.285	-0.852	0.56	152	1978	227.27	1.94E-28	Lower
260-02	1.724	-1.525	0.84	151	1978	99.65	7.56E-61	Middle
260-02	1.540	-1.697	0.82	161	1978	93.72	2.28E-61	Upper
260-03	1.219	-0.203	0.81	131	1979	58.62	9.90E-48	Lower
260-03	1.755	-1.097	1.00	132	1979	1.56	2.13E-165	Middle
260-03	1.581	-1.277	0.99	136	1979	6.32	1.55E-124	Upper
260-04	1.231	-1.948	0.56	83	1979	78.84	3.18E-16	Middle
260-04	1.208	-1.959	0.59	90	1979	76.25	8.79E-19	Upper
260-05	1.963	-0.861	0.99	69	1989	3.29	1.82E-66	Lower
260-05	1.861	-0.974	0.99	67	1989	2.63	1.50E-65	Middle
260-05	1.669	-1.191	0.99	75	1989	3.21	1.94E-68	Upper
260-06	1.862	-0.768	0.58	44	1995	63.33	1.58E-09	Lower
260-06	2.143	-1.335	0.67	41	1995	54.02	7.53E-11	Middle
260-06	1.961	-1.478	0.65	49	1995	57.93	2.02E-12	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
260-07	1.084	0.495	0.79	168	1985	36.85	3.01E-58	Lower
260-07	2.072	-0.940	0.74	171	1995	181.37	4.72E-51	Middle
260-07	1.772	-1.419	0.63	175	1985	229.18	5.75E-39	Upper
260-08	1.837	-1.011	1.00	36	1986	0.36	5.15E-45	Lower
260-08	1.743	-1.115	1.00	37	1986	0.27	1.06E-47	Middle
260-08	1.562	-1.314	0.99	40	1986	1.11	4.65E-39	Upper
261-01	1.585	-0.551	0.76	161	1988	133.54	2.78E-51	Lower
261-01	1.892	-1.195	0.91	162	1986	57.30	3.36E-87	Middle
261-01	1.732	-1.349	0.91	171	1988	51.13	7.15E-91	Upper
261-02	1.490	-0.454	0.51	132	1988	207.04	4.04E-22	Lower
261-02	1.860	-1.336	0.74	129	1988	110.28	1.89E-39	Middle
261-02	1.726	-1.445	0.77	143	1992	95.68	2.87E-47	Upper
261-06	2.189	-1.346	0.68	34	1993	48.92	1.98E-09	Lower
261-06	2.037	-1.462	0.66	35	1993	49.89	2.72E-09	Middle
261-06	1.870	-1.563	0.67	40	1993	43.71	1.35E-10	Upper
262-03	0.867	0.588	0.91	86	1989	6.44	8.60E-45	Lower
262-03	1.721	-0.579	0.81	88	1989	57.36	6.56E-33	Middle
262-03	1.737	-1.185	0.84	98	1989	50.31	2.91E-40	Upper
262-04	1.594	-1.045	0.63	160	1974	223.53	6.64E-36	Middle
262-04	1.710	-1.501	0.81	168	1974	107.25	7.36E-62	Upper
262-05	1.561	-0.756	0.79	42	1991	30.56	3.19E-15	Lower
262-05	1.682	-1.166	0.97	41	1991	4.50	1.61E-30	Middle
262-05	1.562	-1.265	0.93	48	1991	9.98	5.32E-28	Upper
262-06	2.352	-1.239	0.79	82	1994	82.63	1.05E-28	Lower
262-06	2.188	-1.366	0.80	81	1994	66.73	4.89E-29	Middle
262-06	1.942	-1.554	0.79	87	1994	58.58	1.19E-30	Upper
262-07	2.308	-1.198	0.81	52	1994	46.37	1.87E-19	Lower
262-07	2.169	-1.320	0.81	55	1994	43.51	1.04E-20	Middle
262-07	1.944	-1.502	0.81	58	1994	35.21	5.16E-22	Upper
262-30	1.290	-1.373	0.52	52	1979	81.03	1.69E-09	Lower
262-30	1.450	-1.760	0.70	56	1979	51.79	1.27E-15	Middle
262-30	1.301	-1.878	0.71	58	1979	41.41	1.28E-16	Upper
263-01	1.483	-1.603	0.64	120	1988	105.28	2.98E-28	Lower
263-01	1.374	-1.818	0.70	120	1988	70.48	1.37E-32	Middle
263-01	1.287	-1.905	0.71	126	1988	62.68	2.17E-35	Upper
263-02	1.878	-0.969	1.00	79	1986	0.52	1.16E-108	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
263-02	1.820	-1.035	1.00	80	1986	1.00	1.24E-97	Middle
263-02	1.628	-1.246	0.97	83	1986	7.75	6.86E-63	Upper
263-03	1.865	-1.389	0.84	52	1982	34.17	7.80E-22	Middle
263-03	1.659	-1.593	0.82	57	1982	34.12	4.74E-22	Upper
263-04	0.676	0.377	0.86	140	1992	11.63	5.36E-61	Lower
263-04	1.579	-0.995	0.89	142	1992	48.90	1.91E-68	Middle
263-04	1.484	-1.084	0.85	154	1965	62.30	2.05E-65	Upper
263-05	0.896	0.297	0.97	54	1989	1.17	1.01E-40	Lower
263-05	0.795	0.197	0.92	52	1989	2.62	7.08E-29	Middle
263-05	1.299	-0.745	0.76	60	1989	25.57	9.10E-20	Upper
263-06	1.541	-1.336	1.00	101	1952	0.18	1.83E-164	Lower
263-06	1.481	-1.403	1.00	102	1952	1.09	2.19E-126	Middle
263-06	1.331	-1.566	0.97	105	1952	7.36	2.00E-83	Upper
265-01	0.914	0.078	0.93	50	1976	3.20	7.64E-30	Lower
265-01	0.824	-0.076	0.88	52	1976	4.69	9.54E-25	Middle
265-01	0.923	-0.577	0.71	64	1976	20.85	2.08E-18	Upper
265-02	0.870	-0.056	0.96	31	1978	1.23	5.66E-22	Lower
265-02	0.810	-0.120	0.92	30	1978	2.25	7.65E-17	Middle
265-02	0.880	-0.347	0.75	35	1978	11.74	2.34E-11	Upper
266-01	0.672	0.623	0.51	19	1979	3.67	6.19E-04	Lower
266-01	2.199	-0.223	0.72	18	1979	15.23	7.88E-06	Middle
266-01	1.620	-1.144	0.67	23	1979	18.65	1.78E-06	Upper
266-02	1.929	-0.890	0.98	76	1991	5.34	1.61E-68	Lower
266-02	1.840	-0.991	0.98	76	1980	5.24	1.05E-67	Middle
266-02	1.652	-1.182	0.96	83	1980	10.27	2.44E-59	Upper
266-03	1.113	-0.120	0.80	10	1979	3.47	4.41E-04	Lower
266-03	1.811	-1.008	0.98	12	1979	0.98	1.33E-09	Middle
266-03	1.720	-1.101	0.98	15	1979	0.86	6.80E-13	Upper
267-02	0.900	0.203	0.72	135	1978	39.08	9.41E-39	Lower
267-02	0.933	-0.038	0.80	132	1978	27.60	1.39E-46	Middle
268-01	1.527	-0.908	0.72	84	1981	65.59	1.20E-24	Lower
268-01	1.660	-1.226	0.94	83	1981	13.11	6.67E-52	Middle
268-01	1.483	-1.425	0.90	92	1981	22.44	4.17E-46	Upper
268-02	1.986	-0.726	0.97	72	1992	8.61	1.16E-54	Lower
268-02	1.939	-0.904	1.00	72	1992	1.17	1.23E-83	Middle
268-02	1.757	-1.155	0.93	79	1992	16.30	1.01E-46	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
268-03	1.274	0.094	0.86	37	1967	7.36	9.41E-17	Lower
268-03	2.048	-0.776	1.00	38	1967	0.41	1.75E-46	Middle
268-03	1.854	-0.977	0.99	41	1967	1.29	3.33E-39	Upper
269-02	1.531	-1.675	0.68	63	1966	67.89	1.06E-16	Middle
269-02	1.468	-1.730	0.71	67	1977	60.06	6.75E-19	Upper
269-03	1.074	-0.363	0.57	20	1977	15.67	1.26E-04	Lower
269-03	1.476	-1.725	0.66	21	1977	20.46	7.71E-06	Middle
269-03	1.480	-1.673	0.70	25	1977	20.59	1.82E-07	Upper
269-04	1.892	-0.795	0.96	58	1983	7.51	3.79E-42	Lower
269-04	1.826	-0.987	0.98	61	1990	4.84	9.32E-50	Middle
269-04	1.601	-1.227	0.96	68	1990	7.11	5.87E-47	Upper
269-05	0.547	0.787	0.76	184	1982	16.74	1.62E-58	Lower
269-05	0.993	0.154	0.68	185	1957	86.91	1.15E-46	Middle
269-05	1.637	-1.131	0.78	192	1982	146.67	1.33E-63	Upper
269-06	1.034	0.454	0.93	50	1986	2.77	7.76E-30	Lower
269-06	2.129	-0.468	0.93	48	1986	11.99	1.04E-27	Middle
269-06	1.953	-0.863	0.98	54	1986	3.76	9.60E-44	Upper
269-07	0.886	0.602	0.94	58	1983	2.10	6.66E-36	Lower
269-07	1.827	-0.046	0.78	55	1983	36.17	5.27E-19	Middle
269-07	2.010	-0.809	0.88	65	1983	26.37	7.55E-31	Upper
269-08	1.202	-0.303	0.59	145	1952	158.28	4.06E-29	Lower
269-08	1.624	-1.509	0.73	145	1952	148.23	4.70E-43	Middle
269-08	1.464	-1.669	0.74	150	1952	122.62	1.39E-44	Upper
270-01	0.957	0.274	0.93	54	1987	3.44	2.07E-32	Lower
270-01	1.556	-0.513	0.85	56	1987	24.71	1.30E-23	Middle
270-01	1.705	-1.099	0.96	62	1990	6.29	2.76E-45	Upper
270-02	0.987	0.161	0.98	63	1990	1.18	1.09E-54	Lower
270-02	1.023	-0.157	0.90	62	1978	7.71	1.70E-31	Middle
270-02	1.553	-1.262	0.93	72	1978	11.85	3.82E-43	Upper
270-05	0.962	0.443	0.97	167	1976	3.75	4.65E-131	Lower
270-05	1.040	0.140	0.98	169	1976	3.60	8.75E-140	Middle
270-05	1.382	-0.868	0.61	176	1976	182.83	1.59E-37	Upper
271-01	2.438	-1.108	0.77	53	1987	53.79	6.36E-18	Lower
271-01	2.344	-1.190	0.77	56	1987	52.83	7.47E-19	Middle
271-01	2.103	-1.390	0.77	58	1987	42.67	9.06E-20	Upper
272-02	1.900	-0.944	1.00	126	1988	2.00	2.92E-148	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
272-02	1.774	-1.084	0.99	126	1988	2.54	3.31E-138	Middle
272-02	1.579	-1.293	0.98	131	1988	6.21	2.53E-113	Upper
272-03	0.896	0.190	0.88	128	1981	14.46	2.08E-59	Lower
272-03	1.546	-0.963	0.75	124	1979	99.86	7.64E-39	Middle
272-03	1.556	-1.490	0.77	137	1981	97.39	1.89E-45	Upper
272-04	1.025	0.168	0.67	116	1963	58.08	5.21E-29	Lower
272-04	1.661	-0.887	0.73	111	1985	110.23	8.91E-33	Middle
272-04	1.718	-1.365	0.82	130	1963	77.61	1.24E-49	Upper
273-03	2.269	-1.271	0.77	9	1983	8.20	1.74E-03	Lower
273-03	2.067	-1.256	0.78	10	1983	7.85	6.44E-04	Middle
273-03	2.052	-1.458	0.78	14	1983	9.91	2.93E-05	Upper
274-02	0.764	0.789	0.84	114	1986	8.18	5.30E-47	Lower
274-02	1.904	-0.071	0.77	115	1986	83.70	1.90E-37	Middle
274-02	1.904	-0.931	0.79	119	1986	78.25	4.74E-41	Upper
274-30	1.630	-0.906	0.94	19	1987	3.62	8.83E-12	Lower
274-30	1.680	-1.188	1.00	18	1987	0.08	4.16E-24	Middle
274-30	1.557	-1.309	0.98	25	1987	1.42	1.91E-20	Upper
275-02	1.627	-0.425	0.86	91	1991	34.90	2.47E-39	Lower
275-02	1.860	-0.953	0.98	94	1991	6.16	1.22E-78	Middle
275-02	1.653	-1.183	0.96	97	1991	8.52	4.01E-70	Upper
276-05	1.691	-1.496	0.74	48	1978	47.04	7.28E-15	Middle
276-05	1.509	-1.670	0.70	55	1978	48.73	1.28E-15	Upper
277-01	1.861	-0.763	0.96	101	1988	15.65	4.11E-70	Lower
277-01	1.849	-1.009	0.99	98	1988	1.83	8.20E-112	Middle
277-01	1.699	-1.172	0.98	109	1988	7.81	2.82E-88	Upper
277-02	2.371	-1.181	0.77	64	1957	63.63	1.29E-21	Lower
277-02	2.248	-1.285	0.77	65	1957	60.13	9.97E-22	Middle
277-02	2.066	-1.429	0.77	69	1957	51.23	2.26E-23	Upper
277-03	1.586	-1.442	0.74	90	1973	88.74	1.68E-27	Lower
277-03	1.540	-1.689	0.84	88	1973	45.69	8.84E-36	Middle
277-03	1.403	-1.808	0.83	96	1973	45.04	2.11E-37	Upper
278-01	0.837	0.395	0.97	72	1986	1.35	3.89E-56	Lower
278-01	1.531	-0.580	0.87	70	1986	22.37	7.94E-32	Middle
278-01	1.699	-1.114	0.94	78	1986	13.39	7.09E-48	Upper
278-02	1.852	-0.865	0.74	126	1990	141.38	9.53E-38	Lower
278-02	1.905	-1.350	0.83	128	1990	89.69	1.57E-49	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
278-02	1.721	-1.508	0.82	130	1990	75.31	4.31E-50	Upper
278-03	1.947	-0.760	0.70	120	1963	130.47	1.25E-32	Lower
278-03	1.996	-1.141	0.75	119	1963	107.41	1.77E-37	Middle
278-03	1.812	-1.351	0.74	127	1963	100.05	5.59E-38	Upper
279-01	1.983	-0.330	0.92	86	1973	17.97	8.00E-49	Lower
279-01	2.108	-0.694	0.97	86	1973	6.16	5.90E-69	Middle
279-01	1.840	-0.983	0.96	90	1973	7.31	1.77E-65	Upper
279-04	1.886	-1.256	0.85	176	1994	101.65	1.24E-74	Middle
279-04	1.737	-1.402	0.85	188	1994	95.85	3.39E-78	Upper
280-01	1.668	-0.913	0.62	49	1985	74.03	1.64E-11	Middle
280-01	1.949	-1.327	0.82	53	1985	39.59	1.78E-20	Upper
280-02	1.629	-0.652	0.52	169	1992	343.43	3.93E-28	Lower
280-02	2.082	-1.146	0.80	166	1992	148.78	3.09E-59	Middle
280-02	1.971	-1.242	0.78	175	1992	153.67	3.70E-59	Upper
280-03	1.312	-0.036	0.76	90	1992	46.22	8.76E-29	Lower
280-03	2.034	-1.077	0.89	88	1992	42.85	1.79E-42	Middle
280-03	1.846	-1.229	0.88	100	1992	42.81	1.43E-46	Upper
284-01	1.395	-1.494	1.00	27	1984	0.10	8.04E-35	Lower
284-01	1.335	-1.559	1.00	25	1984	0.00	7.31E-55	Middle
284-01	1.303	-1.593	1.00	30	1984	0.02	5.31E-49	Upper
284-02	1.680	-1.518	0.82	71	1981	44.37	3.95E-27	Middle
284-02	1.580	-1.625	0.80	78	1981	48.24	2.62E-28	Upper
284-30	1.004	0.529	0.88	23	1988	2.90	4.06E-11	Lower
284-30	0.990	0.395	0.87	21	1988	2.70	6.40E-10	Middle
284-30	1.118	0.015	0.70	28	1988	13.44	2.74E-08	Upper
293-01	0.891	0.718	0.93	104	1986	4.55	2.42E-60	Lower
293-01	2.023	-0.231	0.86	104	1986	47.95	5.99E-46	Middle
293-01	1.794	-1.154	0.74	108	1986	88.96	1.61E-32	Upper
293-02	1.086	-2.090	0.51	142	1955	128.65	1.27E-23	Upper
293-03	1.531	-1.349	0.98	16	1955	1.13	6.13E-14	Lower
293-03	1.444	-1.443	0.99	15	1955	0.85	2.40E-13	Middle
293-03	1.260	-1.640	0.98	21	1955	0.89	8.63E-19	Upper
297-01	0.984	-0.154	0.66	54	1980	29.03	7.47E-14	Lower
297-01	0.891	-0.240	0.62	54	1980	28.91	1.16E-12	Middle
297-01	1.532	-1.285	0.82	62	1980	32.69	3.26E-24	Upper
297-03	1.701	-1.325	0.75	16	1958	15.63	1.30E-05	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
297-03	1.619	-1.595	0.77	16	1958	14.27	9.01E-06	Middle
297-03	1.444	-1.609	0.77	21	1958	14.62	1.96E-07	Upper
307-02	1.973	-0.855	0.99	80	1991	1.87	5.94E-87	Lower
307-02	1.869	-0.967	0.99	83	1991	2.12	7.73E-87	Middle
307-02	1.682	-1.166	0.97	84	1991	6.44	8.22E-65	Upper
313-01	0.878	0.309	0.97	83	1987	1.66	9.81E-62	Lower
313-01	0.805	0.182	0.95	84	1987	2.20	1.77E-55	Middle
313-01	1.060	-0.416	0.74	89	1987	26.67	5.32E-27	Upper
313-02	1.063	-0.092	0.90	130	1985	15.34	1.40E-66	Lower
313-02	1.721	-1.122	0.99	130	1985	4.65	1.37E-124	Middle
313-02	1.538	-1.319	0.97	135	1985	9.25	6.64E-104	Upper
319-01	0.940	0.011	0.98	77	1976	1.19	1.28E-69	Lower
319-01	0.892	-0.142	0.93	76	1976	5.39	1.30E-43	Middle
319-01	1.498	-1.372	0.97	82	1976	6.39	2.56E-62	Upper
319-30	1.569	-1.303	0.99	45	1963	0.87	2.00E-49	Lower
319-30	1.493	-1.381	0.99	47	1963	1.64	3.18E-45	Middle
319-30	1.349	-1.535	0.97	51	1963	4.11	1.04E-37	Upper
328-03	1.495	-1.383	0.99	31	1956	0.98	9.54E-31	Lower
328-03	1.356	-1.534	0.99	29	1956	0.57	5.34E-31	Middle
328-03	1.231	-1.665	0.98	37	1956	1.58	2.69E-31	Upper
330-01	0.792	0.507	0.61	92	1981	30.67	5.35E-20	Lower
330-01	1.328	-0.132	0.60	90	1981	83.61	2.21E-19	Middle
330-01	1.895	-0.947	0.89	100	1981	35.26	1.13E-49	Upper
332-03	1.524	-1.354	0.99	95	1956	2.18	2.14E-104	Lower
332-03	1.413	-1.474	0.99	94	1956	2.77	2.29E-95	Middle
332-03	1.263	-1.637	0.99	100	1956	3.40	1.83E-93	Upper
334-02	1.513	-1.678	0.77	109	1965	102.32	1.85E-35	Lower
334-02	1.507	-1.755	0.80	108	1955	81.31	2.10E-39	Middle
334-02	1.358	-1.876	0.79	117	1965	75.99	7.89E-41	Upper
344-01	1.738	-1.154	0.79	104	1983	88.57	8.40E-37	Lower
344-01	1.774	-1.398	0.87	102	1983	52.75	6.52E-46	Middle
344-01	1.599	-1.535	0.87	113	1983	47.13	8.54E-51	Upper
353-01	0.806	0.246	0.91	72	1963	6.54	3.44E-38	Lower
353-01	0.842	-0.154	0.75	73	1963	23.58	4.56E-23	Middle
353-01	1.496	-1.766	0.83	77	1963	50.14	2.86E-30	Upper
353-02	0.758	0.579	0.88	111	1975	7.94	5.72E-53	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
353-02	1.416	-0.165	0.72	105	1991	78.46	5.47E-30	Middle
353-02	1.713	-1.045	0.80	124	1991	88.94	1.66E-44	Upper
353-03	1.410	-1.368	0.63	67	1978	85.81	9.50E-16	Middle
353-03	1.462	-1.672	0.77	72	1978	53.69	7.91E-24	Upper
355-01	0.922	0.350	0.98	85	1981	1.46	1.98E-69	Lower
355-01	1.296	-0.228	0.83	86	1989	25.49	5.52E-34	Middle
355-01	1.720	-1.054	0.96	97	1975	8.95	4.46E-70	Upper
361-03	1.701	-1.253	0.74	56	1980	54.56	3.16E-17	Middle
361-03	1.584	-1.547	0.76	60	1980	42.41	7.08E-20	Upper
361-04	0.947	0.069	0.96	139	1981	5.29	1.75E-100	Lower
361-04	1.152	-0.432	0.84	137	1963	39.35	4.40E-56	Middle
361-04	1.503	-1.323	0.94	154	1963	25.01	3.76E-93	Upper
366-01	1.750	-1.600	0.69	140	1993	152.88	1.46E-36	Middle
366-01	1.564	-1.770	0.67	148	1993	135.48	3.33E-37	Upper
366-02	1.026	0.117	1.00	5	1963	0.01	1.55E-05	Lower
366-02	1.644	-1.590	0.76	10	1963	9.18	1.09E-03	Upper
377-01	2.009	-0.694	0.97	63	1965	8.04	8.24E-47	Lower
377-01	1.963	-0.877	1.00	63	1965	0.32	2.06E-88	Middle
377-01	1.741	-1.114	0.99	67	1965	1.80	3.34E-67	Upper
377-02	1.580	-1.475	0.82	192	1965	139.03	1.83E-73	Lower
377-02	1.559	-1.677	0.88	194	1965	86.38	2.07E-90	Middle
377-02	1.397	-1.811	0.87	201	1965	78.44	3.84E-90	Upper
380-01	0.805	0.202	0.87	34	1985	3.44	6.03E-16	Lower
380-01	0.714	0.119	0.74	38	1985	7.32	4.64E-12	Middle
380-01	0.649	0.061	0.62	39	1985	10.66	2.52E-09	Upper
380-02	0.785	0.668	0.77	146	1992	21.27	2.75E-48	Lower
380-02	1.968	-0.504	0.84	142	1992	83.28	4.73E-58	Middle
380-02	1.323	-1.687	0.58	153	1951	160.43	1.86E-30	Upper
380-03	2.035	-1.223	0.84	7	1994	4.01	3.54E-03	Middle
380-03	1.869	-1.503	0.81	15	1994	9.52	4.22E-06	Upper
384-01	1.838	-1.231	0.74	207	1984	190.97	1.31E-61	Middle
384-01	1.733	-1.452	0.79	215	1984	130.81	6.41E-75	Upper
384-02	1.713	-1.511	0.66	248	1988	244.88	4.26E-59	Middle
384-02	1.586	-1.626	0.69	259	1988	199.94	9.61E-67	Upper
385-03	1.621	-1.577	0.74	151	1975	131.65	2.02E-45	Upper
385-04	1.967	-1.542	0.73	29	1974	27.99	3.77E-09	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
385-04	1.837	-1.622	0.72	26	1974	22.51	4.49E-08	Middle
385-04	1.687	-1.732	0.73	34	1974	24.04	1.46E-10	Upper
385-05	1.985	-0.840	0.99	38	1992	0.76	9.67E-42	Lower
385-05	1.889	-0.954	1.00	38	1992	0.44	1.00E-45	Middle
385-05	1.731	-1.126	0.99	42	1992	1.04	5.68E-42	Upper
388-02	0.964	0.046	0.99	58	1983	0.51	1.07E-58	Lower
388-02	0.846	-0.064	0.90	55	1983	4.20	1.55E-28	Middle
388-02	0.863	-0.400	0.71	64	1983	19.43	3.19E-18	Upper
388-03	0.869	-0.031	0.94	90	1985	4.58	5.90E-57	Lower
388-03	0.790	-0.122	0.90	88	1976	6.95	5.85E-45	Middle
388-03	1.259	-1.038	0.83	101	1976	35.48	6.84E-40	Upper
389-02	0.778	0.586	0.88	21	1987	1.31	3.89E-10	Lower
389-02	0.775	0.444	0.87	19	1987	1.29	4.56E-09	Middle
389-02	0.899	-0.092	0.65	27	1987	8.69	4.37E-07	Upper
389-03	1.850	-0.825	0.96	52	1989	7.01	2.63E-37	Lower
389-03	1.845	-1.009	0.99	49	1989	1.33	3.54E-51	Middle
389-03	1.686	-1.173	0.95	58	1989	7.76	4.36E-39	Upper
390-02	1.488	-0.690	0.56	48	1987	76.72	1.02E-09	Middle
390-02	1.904	-1.340	0.83	56	1987	37.69	3.59E-22	Upper
390-03	0.804	0.615	0.93	46	1987	1.66	2.04E-26	Lower
390-03	0.829	0.442	0.93	43	1987	1.36	7.35E-26	Middle
390-03	0.792	0.162	0.83	52	1987	4.47	3.76E-21	Upper
391-01	2.099	-1.422	0.65	53	1993	85.13	2.63E-13	Lower
391-01	2.001	-1.495	0.65	56	1993	83.94	7.89E-14	Middle
391-01	1.729	-1.695	0.65	58	1993	65.03	3.14E-14	Upper
391-02	0.902	0.675	0.97	15	1982	0.23	1.45E-11	Lower
391-02	0.911	0.545	0.98	13	1982	0.14	1.08E-10	Middle
391-02	0.847	0.341	0.92	19	1982	0.81	1.12E-10	Upper
392-01	1.599	-1.229	0.98	125	1989	10.71	1.20E-100	Lower
392-01	1.479	-1.355	0.97	131	1978	12.62	9.73E-98	Middle
392-01	1.317	-1.530	0.96	139	1959	11.86	3.22E-99	Upper
392-03	1.521	-0.704	0.91	16	1981	3.12	1.03E-08	Lower
392-03	1.744	-1.127	0.99	17	1981	0.44	5.17E-17	Middle
392-03	1.616	-1.289	0.96	22	1981	1.90	1.22E-15	Upper
393-01	0.953	0.052	0.98	94	1981	1.95	3.35E-76	Lower
393-01	0.860	-0.059	0.96	94	1981	2.99	1.13E-64	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
393-01	1.229	-0.883	0.82	100	1981	31.02	7.04E-38	Upper
393-02	0.832	0.350	0.95	38	1991	1.42	1.31E-24	Lower
393-02	1.862	-0.923	0.96	35	1991	5.08	2.19E-24	Middle
393-02	1.688	-1.072	0.92	44	1991	10.13	1.26E-24	Upper
393-03	1.210	0.024	0.50	113	1995	111.82	1.52E-18	Lower
393-03	2.107	-1.236	0.74	114	1987	121.76	4.17E-34	Middle
393-03	1.901	-1.406	0.73	121	1995	109.19	1.13E-35	Upper
395-01	1.705	-1.163	1.00	51	1981	0.68	1.53E-62	Lower
395-01	1.592	-1.285	1.00	51	1981	0.83	5.91E-59	Middle
395-01	1.383	-1.508	0.99	57	1981	1.51	1.68E-56	Upper
395-02	1.647	-1.223	1.00	7	1976	0.07	8.91E-08	Lower
395-02	1.546	-1.336	0.99	9	1976	0.21	6.16E-09	Middle
395-02	1.448	-1.444	0.98	13	1976	0.69	4.72E-11	Upper
395-03	1.474	-1.409	1.00	4	1976	0.00	6.25E-33	Lower
395-03	1.300	-1.598	0.99	8	1976	0.12	5.85E-08	Upper
395-04	1.638	-1.223	0.97	8	1976	0.84	5.91E-06	Lower
395-04	1.579	-1.290	0.99	8	1976	0.26	2.31E-07	Middle
395-04	1.439	-1.445	0.98	13	1976	0.66	7.29E-11	Upper
397-03	1.073	0.326	0.98	10	1982	0.28	9.94E-08	Lower
397-03	1.982	-0.797	0.97	12	1982	1.24	3.04E-09	Middle
397-03	1.689	-1.217	0.89	18	1982	5.42	4.53E-09	Upper
397-05	1.933	-0.899	0.99	34	1986	1.33	1.44E-33	Lower
397-05	1.843	-0.998	0.99	36	1986	1.51	1.69E-34	Middle
397-05	1.686	-1.183	0.98	39	1986	2.29	5.68E-33	Upper
400-30	1.148	0.079	0.73	51	1989	22.70	1.00E-15	Lower
400-30	1.881	-0.938	0.95	50	1989	8.30	1.85E-33	Middle
400-30	1.757	-1.068	0.92	57	1989	13.94	8.90E-32	Upper
401-02	2.021	-0.803	0.99	46	1992	0.91	9.59E-52	Lower
401-02	1.941	-0.893	0.99	44	1992	0.83	5.89E-49	Middle
401-02	1.710	-1.149	0.97	50	1992	3.55	1.30E-39	Upper
412-02	0.653	0.612	0.78	23	1993	1.81	2.79E-08	Lower
412-02	0.534	0.488	0.55	23	1993	3.45	5.46E-05	Middle
414-02	1.887	-0.954	0.99	63	1991	2.05	4.85E-65	Lower
414-02	1.710	-1.143	0.99	66	1991	1.80	1.28E-67	Middle
414-02	1.538	-1.328	0.99	68	1991	1.98	9.26E-66	Upper
414-03	0.919	0.242	0.72	39	2001	10.45	9.96E-12	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
414-03	1.813	-0.922	0.93	40	1991	8.19	7.08E-24	Middle
414-03	1.282	-1.873	0.63	45	1991	37.38	1.03E-10	Upper
428-01	0.778	0.558	0.88	138	1989	10.68	1.25E-64	Lower
428-01	0.953	0.199	0.87	138	1983	18.34	1.05E-61	Middle
428-01	1.746	-0.867	0.86	148	1982	72.35	3.46E-63	Upper
432-01	1.611	-0.873	0.51	140	1994	263.22	7.80E-23	Lower
432-01	1.795	-1.446	0.65	140	2003	182.17	3.09E-33	Middle
432-01	1.709	-1.548	0.65	148	2000	172.77	6.97E-35	Upper
830-08	1.526	-1.681	0.69	44	1988	31.56	3.06E-12	Lower
830-08	1.488	-1.672	0.71	45	1988	28.09	3.07E-13	Middle
830-08	1.333	-1.843	0.71	49	1988	25.91	3.86E-14	Upper
831-07	1.740	-1.119	0.99	32	1978	0.62	7.53E-36	Lower
831-07	1.655	-1.213	0.99	30	1978	0.83	1.36E-30	Middle
831-07	1.506	-1.376	0.97	37	1978	2.79	5.37E-29	Upper
831-19	1.021	0.102	1.00	4	1978	0.03	2.41E-03	Middle
831-19	0.855	-0.074	0.97	6	1978	0.17	3.45E-04	Upper
832-12	0.850	0.740	0.81	12	1993	1.33	6.80E-05	Lower
832-12	1.104	0.335	0.91	12	1993	0.82	1.58E-06	Middle
832-12	1.835	-1.437	0.59	17	1993	24.92	3.45E-04	Upper
832-13	1.977	-1.505	0.63	19	1963	29.82	5.50E-05	Lower
832-13	1.853	-1.606	0.63	15	1963	20.89	4.34E-04	Middle
832-13	1.671	-1.725	0.63	24	1963	25.75	3.63E-06	Upper
832-14	1.037	0.360	0.95	12	1981	0.71	9.79E-08	Lower
832-14	1.190	-0.106	0.82	11	1981	3.64	1.34E-04	Middle
832-14	1.862	-0.955	0.98	17	1981	1.20	5.36E-14	Upper
832-29	1.386	-0.091	0.88	106	1988	21.95	6.40E-49	Lower
832-29	1.920	-0.924	1.00	106	1988	1.00	1.07E-129	Middle
832-29	1.706	-1.166	0.98	112	1988	6.19	2.08E-90	Upper
834-07	1.503	-0.453	0.57	197	1976	269.64	5.52E-38	Lower
834-07	1.927	-1.198	0.77	204	1976	187.75	1.03E-65	Middle
834-07	1.646	-1.501	0.73	205	1986	165.28	3.55E-60	Upper
837-06	0.889	0.337	0.92	30	1974	2.18	1.40E-16	Lower
837-06	0.945	0.059	0.97	32	1974	0.78	4.58E-25	Middle
837-06	1.708	-1.057	0.96	37	1974	4.33	2.37E-26	Upper
837-15	1.319	-1.114	0.61	82	1959	103.09	8.04E-18	Lower
837-15	1.464	-1.557	0.78	82	1959	52.65	4.56E-28	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-15	1.341	-1.664	0.81	91	1959	46.24	1.79E-33	Upper
839-15	0.790	-0.068	0.95	22	1979	0.76	2.92E-14	Lower
839-15	0.738	-0.166	0.86	21	1979	1.64	1.65E-09	Middle
839-15	0.611	-0.257	0.70	29	1979	4.38	1.77E-08	Upper
839-16	1.007	0.086	0.98	106	1981	1.89	5.78E-89	Lower
839-16	0.941	0.018	0.97	106	1981	2.18	8.26E-83	Middle
839-16	0.856	-0.162	0.83	112	1981	14.10	1.52E-43	Upper
839-17	1.407	-1.073	0.92	21	1959	4.60	5.71E-12	Lower
839-17	1.475	-1.403	0.98	20	1959	1.36	1.04E-16	Middle
839-17	1.313	-1.570	0.95	29	1959	2.89	1.50E-19	Upper
840-35	1.088	0.225	0.98	89	1979	2.15	2.12E-75	Lower
840-35	1.864	-0.689	0.94	93	1986	21.21	2.74E-56	Middle
840-35	1.824	-1.006	0.98	95	1979	5.82	3.13E-82	Upper
840-36	1.019	0.099	1.00	4	1984	0.00	2.03E-32	Lower
840-36	0.784	-0.117	0.84	6	1984	0.79	1.06E-02	Middle
840-36	0.972	-0.590	0.72	10	1984	3.84	1.87E-03	Upper
840-43	1.607	-1.266	1.00	15	1951	0.09	1.73E-20	Lower
840-43	1.579	-1.296	1.00	14	1951	0.10	2.93E-18	Middle
840-43	1.362	-1.530	0.98	18	1951	1.11	1.32E-15	Upper
843-02	0.899	-0.004	0.91	6	1982	0.57	3.19E-03	Lower
843-02	0.767	-0.119	0.81	8	1982	1.17	2.47E-03	Middle
843-02	0.716	-0.178	0.74	11	1982	2.13	6.84E-04	Upper
845-02	1.760	-1.096	1.00	65	1979	1.17	1.42E-74	Lower
845-02	1.641	-1.226	1.00	65	1974	0.95	4.85E-75	Middle
845-02	1.455	-1.423	0.97	73	1979	4.60	1.77E-58	Upper
847-02	1.031	0.270	0.96	36	1982	1.75	4.79E-25	Lower
847-02	1.401	-0.270	0.76	34	1982	22.19	1.59E-11	Middle
847-02	1.896	-0.949	1.00	41	1980	0.38	1.14E-52	Upper
849-21	1.638	-1.231	1.00	4	1971	0.05	1.90E-03	Lower
849-21	1.570	-1.304	1.00	4	1971	0.05	1.82E-03	Middle
849-21	1.404	-1.486	0.97	8	1971	0.65	1.04E-05	Upper
849-23	0.926	0.317	0.97	44	1984	1.20	1.70E-32	Lower
849-23	0.925	0.041	0.95	44	1984	1.83	2.29E-29	Middle
849-23	1.214	-0.749	0.80	50	1984	16.76	3.37E-18	Upper
849-26	1.719	-1.661	0.64	9	1986	8.87	9.62E-03	Upper
849-35	1.048	0.149	0.97	60	1986	1.91	4.25E-44	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-35	1.164	-0.182	0.86	61	1986	11.54	8.04E-27	Middle
849-35	1.703	-1.120	0.95	66	1986	7.28	1.15E-44	Upper
849-44	0.873	0.222	0.94	13	1987	0.48	3.44E-08	Lower
849-44	1.765	-1.080	0.98	14	1987	0.70	4.15E-12	Middle
849-44	1.650	-1.216	0.98	19	1987	1.00	3.64E-15	Upper
852-26	0.977	0.067	0.98	9	1963	0.20	4.03E-07	Lower
852-26	1.568	-1.672	0.73	14	1963	14.14	9.89E-05	Upper
852-27	1.888	-1.588	0.63	11	1995	16.29	3.65E-03	Lower
852-27	1.890	-1.570	0.66	9	1995	10.33	7.64E-03	Middle
852-27	1.659	-1.739	0.63	16	1995	16.98	2.25E-04	Upper
853-27	1.492	-1.158	0.94	78	1977	14.53	5.15E-49	Lower
853-27	1.410	-1.473	0.99	80	1977	1.69	1.93E-84	Middle
853-27	1.297	-1.591	0.98	84	1977	4.28	7.83E-70	Upper
853-33	1.907	-1.379	0.83	9	1982	6.92	5.87E-04	Lower
853-33	1.865	-1.295	0.89	7	1982	3.57	1.35E-03	Middle
853-33	1.877	-1.469	0.84	13	1982	9.72	1.26E-05	Upper
855-08	0.913	-0.052	0.98	4	1979	0.05	7.85E-03	Lower
855-08	1.575	-1.762	0.74	9	1979	7.91	2.75E-03	Upper
857-22	2.002	-0.826	1.00	28	1992	0.52	9.35E-32	Lower
857-22	1.884	-0.963	1.00	28	1992	0.38	1.81E-32	Middle
857-22	1.677	-1.189	0.98	32	1992	1.50	4.28E-28	Upper
859-09	0.798	0.521	0.89	173	1981	11.65	2.93E-82	Lower
859-09	1.185	-0.285	0.51	175	1981	188.77	6.52E-29	Middle
859-09	1.778	-1.107	0.83	181	1993	96.29	2.91E-70	Upper
859-10	0.756	0.553	0.88	42	1951	3.23	2.80E-20	Lower
859-10	1.534	-0.459	0.76	41	1951	33.49	1.47E-13	Middle
859-10	1.644	-0.992	0.86	46	1951	20.17	9.96E-21	Upper
859-18	0.942	0.799	0.96	95	1981	2.94	9.58E-66	Lower
859-18	1.238	0.127	0.60	94	1981	75.83	3.57E-20	Middle
859-18	1.526	-1.699	0.58	101	1981	138.55	2.35E-20	Upper
860-08	0.895	0.045	0.97	114	1987	3.07	7.20E-88	Lower
860-08	0.853	-0.060	0.95	117	1973	4.54	3.65E-78	Middle
860-08	1.324	-1.100	0.87	128	1973	36.01	1.58E-57	Upper
861-01	0.927	0.008	0.98	28	1979	0.36	3.96E-25	Lower
861-01	0.838	-0.072	0.94	26	1979	1.12	2.03E-16	Middle
861-01	0.705	-0.196	0.79	34	1979	4.26	2.77E-12	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
861-02	1.416	-0.754	0.53	27	1986	42.59	1.76E-05	Middle
861-02	1.846	-1.394	0.74	30	1986	29.17	8.52E-10	Upper
861-03	1.278	-0.618	0.89	32	1964	6.88	6.79E-16	Lower
861-03	1.592	-1.277	0.98	35	1964	2.11	2.93E-29	Middle
861-03	1.463	-1.406	0.94	38	1964	5.74	3.61E-23	Upper
862-20	1.901	-0.720	0.80	110	1962	79.87	1.03E-39	Middle
862-20	1.674	-1.352	0.71	118	1962	107.57	4.75E-33	Upper
863-02	0.921	0.137	0.95	131	1986	4.66	1.32E-87	Lower
863-02	0.862	-0.031	0.92	135	1986	7.69	4.71E-74	Middle
863-02	0.880	-0.453	0.69	137	1986	40.88	7.14E-36	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-05	1.225	-0.344	0.66	107	1986	70.41	1.41E-26	Lower
004-05	1.722	-1.503	0.80	109	1986	66.48	1.01E-39	Middle
004-05	1.623	-1.581	0.81	113	1986	62.07	2.96E-41	Upper
005-05	0.987	0.426	0.96	16	1980	0.19	3.68E-11	Lower
008-07	0.812	-0.146	0.66	50	1987	15.34	8.27E-13	Lower
008-07	0.787	-0.241	0.53	51	1987	25.01	1.57E-09	Middle
008-07	1.408	-0.991	0.74	58	1987	34.43	4.64E-18	Upper
008-08	1.788	-1.293	0.83	160	1986	95.23	1.29E-63	Middle
008-08	1.676	-1.420	0.81	171	1986	101.92	1.18E-63	Upper
008-09	1.735	-1.515	0.80	280	1986	206.11	7.63E-100	Middle
008-09	1.573	-1.648	0.80	289	1966	183.57	3.84E-101	Upper
009-01	1.505	-0.847	0.68	20	1994	21.08	7.19E-06	Middle
009-01	1.333	-1.341	0.71	29	1994	23.52	8.40E-09	Upper
009-02	1.500	-1.148	0.93	155	1969	34.54	1.71E-89	Lower
009-02	1.487	-1.383	0.99	153	1969	4.21	1.86E-154	Middle
009-02	1.405	-1.457	0.98	165	1989	6.93	3.31E-147	Upper
009-03	0.948	-0.371	0.78	196	1985	59.18	1.27E-65	Lower
009-03	1.511	-1.332	0.96	191	1974	19.39	2.47E-139	Middle
009-03	1.399	-1.449	0.95	206	1974	25.04	4.65E-134	Upper
009-04	0.734	-0.115	0.80	52	1992	5.50	7.49E-19	Lower
009-04	0.673	-0.176	0.74	52	1992	6.61	3.10E-16	Middle
009-04	1.440	-0.866	0.77	58	1992	27.41	1.79E-19	Upper
009-05	1.563	-1.603	0.69	98	1988	90.04	3.14E-26	Upper
010-01	1.560	-0.947	0.90	133	1989	44.68	2.82E-66	Lower
010-01	1.611	-1.259	1.00	131	1989	1.06	2.10E-168	Middle
010-01	1.488	-1.390	1.00	140	1974	1.71	3.19E-163	Upper
010-06	1.162	-2.147	0.53	47	1982	31.07	6.77E-09	Upper
012-10	1.489	-0.829	0.88	60	1990	12.37	8.74E-29	Lower
012-10	1.633	-1.182	0.97	57	1990	3.12	8.33E-45	Middle
012-10	1.480	-1.323	0.96	68	1990	4.50	2.37E-47	Upper
013-01	1.334	-1.544	0.98	6	1978	0.21	1.71E-04	Lower
013-01	1.266	-1.611	0.95	17	1971	0.90	2.02E-11	Upper
015-01	1.296	-0.912	0.84	38	1979	16.57	5.33E-16	Lower
015-01	1.507	-1.339	0.97	36	1977	3.62	2.17E-27	Middle
015-01	1.374	-1.456	0.95	49	1981	5.63	2.97E-33	Upper
019-30	1.662	-1.199	0.96	7	1979	0.87	1.03E-04	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
019-30	1.509	-1.338	0.94	9	1979	1.33	1.91E-05	Middle
019-30	1.507	-1.347	0.95	12	1979	1.42	6.34E-08	Upper
019-31	1.738	-1.119	0.99	81	1984	2.34	3.86E-80	Lower
019-31	1.612	-1.243	0.99	84	1984	2.80	3.86E-78	Middle
019-31	1.453	-1.406	0.97	87	1984	5.11	1.47E-66	Upper
021-02	1.498	-1.744	0.68	140	1983	128.68	4.84E-36	Lower
021-02	1.455	-1.818	0.69	140	1983	115.98	8.28E-37	Middle
021-02	1.420	-1.838	0.69	149	1983	116.67	1.29E-39	Upper
021-05	1.623	-1.301	0.91	18	1986	4.73	5.57E-10	Lower
021-05	1.596	-1.365	0.94	18	1986	3.08	2.65E-11	Middle
021-05	1.461	-1.698	0.83	28	1986	11.66	1.36E-11	Upper
025-08	1.826	-1.029	1.00	3	1987	0.01	1.58E-02	Middle
025-08	1.628	-1.478	0.86	7	1987	3.03	2.82E-03	Upper
026-09	0.721	-0.051	0.85	76	1991	5.51	7.89E-32	Lower
026-09	0.712	-0.159	0.83	75	1991	5.89	1.24E-29	Middle
026-09	1.365	-0.972	0.80	84	1991	29.47	1.51E-30	Upper
027-01	1.567	-1.531	0.83	258	1978	151.55	2.04E-99	Lower
027-01	1.553	-1.676	0.87	263	1978	110.57	1.72E-116	Middle
027-01	1.470	-1.746	0.86	264	1978	102.34	1.49E-115	Upper
027-02	0.692	-0.215	0.88	134	1988	8.27	1.19E-63	Lower
027-02	1.112	-0.841	0.75	137	1988	55.60	2.82E-42	Middle
027-02	1.436	-1.380	0.94	143	1983	19.75	1.17E-85	Upper
027-03	1.390	-1.741	0.74	128	1986	74.90	3.43E-38	Lower
027-03	1.358	-1.795	0.74	125	1982	67.43	2.06E-37	Middle
027-03	1.341	-1.807	0.78	142	1969	66.39	1.67E-48	Upper
027-05	1.838	-1.054	0.68	43	1981	40.95	9.93E-12	Lower
027-05	1.931	-1.468	0.76	45	1981	32.08	5.55E-15	Middle
027-05	1.745	-1.591	0.77	50	1981	28.16	4.28E-17	Upper
028-04	0.887	-0.048	0.96	272	1984	7.74	1.05E-195	Lower
028-04	1.799	-1.032	0.98	268	1984	13.94	1.97E-238	Middle
028-04	1.711	-1.122	0.98	281	1984	16.21	6.37E-238	Upper
028-05	1.128	-0.664	0.73	178	1978	101.82	1.83E-52	Lower
028-05	1.599	-1.382	0.94	181	1978	37.47	5.04E-110	Middle
028-05	1.448	-1.532	0.93	189	1975	34.91	2.55E-111	Upper
029-02	1.682	-1.151	0.98	106	1991	4.74	8.75E-93	Lower
029-02	1.592	-1.254	0.99	104	1991	3.03	3.97E-98	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
029-02	1.490	-1.363	0.99	111	1991	3.21	1.64E-101	Upper
029-03	1.704	-0.906	0.88	54	1973	16.75	2.80E-25	Lower
029-03	1.712	-1.134	0.98	55	1974	2.06	3.93E-49	Middle
029-03	1.626	-1.215	0.98	60	1973	3.22	4.79E-49	Upper
029-05	1.442	-1.561	0.94	67	1971	12.63	4.66E-41	Lower
029-05	1.334	-1.651	0.93	68	1971	11.56	1.95E-40	Middle
029-05	1.262	-1.741	0.93	76	1974	12.43	6.85E-44	Upper
029-06	1.283	-1.235	0.64	141	1971	135.35	1.11E-32	Lower
029-06	1.365	-1.816	0.81	140	1971	62.71	7.09E-52	Middle
029-06	1.281	-1.893	0.81	147	1971	60.10	1.10E-53	Upper
030-01	1.555	-1.840	0.61	159	1978	182.41	4.82E-34	Lower
030-01	1.419	-1.948	0.61	160	1993	153.98	4.89E-34	Middle
030-01	1.371	-1.973	0.62	167	1993	143.27	1.08E-36	Upper
030-02	1.359	-1.210	0.51	12	1993	14.93	8.89E-03	Lower
030-02	1.544	-1.814	0.61	11	1993	11.81	4.47E-03	Middle
030-02	1.553	-1.783	0.63	17	1993	16.13	1.32E-04	Upper
030-04	1.574	-1.105	0.94	174	1981	30.68	3.46E-104	Lower
030-04	1.580	-1.254	0.96	175	1981	19.61	1.36E-121	Middle
030-04	1.487	-1.354	0.96	187	1985	18.90	5.96E-128	Upper
031-01	1.265	-0.450	0.79	178	1979	64.74	4.66E-61	Lower
031-01	1.648	-1.427	0.77	180	1985	127.45	4.54E-58	Middle
031-01	1.552	-1.594	0.74	190	1985	134.18	1.47E-57	Upper
031-02	1.177	-0.802	0.55	309	1983	345.30	1.55E-54	Lower
031-02	1.514	-1.652	0.73	308	1983	245.72	3.04E-90	Middle
031-02	1.443	-1.712	0.74	317	1983	224.72	3.27E-94	Upper
031-03	1.535	-0.888	0.81	31	1990	17.45	8.24E-12	Lower
031-03	1.659	-1.247	0.95	33	1975	5.38	2.26E-21	Middle
031-03	1.631	-1.259	0.94	38	1975	6.76	8.37E-24	Upper
031-04	1.603	-1.257	0.99	45	1957	1.15	1.63E-45	Lower
031-04	1.589	-1.264	0.99	49	1974	1.68	7.88E-47	Middle
031-04	1.529	-1.335	0.99	51	1974	0.99	2.73E-54	Upper
031-05	0.952	0.043	0.97	40	1978	0.59	8.63E-30	Lower
031-05	1.988	-0.538	0.88	38	1978	10.12	6.65E-18	Middle
031-06	1.382	-1.765	0.64	210	1983	188.55	2.45E-48	Middle
031-06	1.357	-1.779	0.66	221	1988	182.01	3.16E-53	Upper
031-07	1.469	-1.587	0.66	46	1980	52.80	7.32E-12	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-07	1.489	-1.728	0.75	51	1980	39.69	2.52E-16	Upper
031-08	0.601	0.144	0.63	101	1979	12.04	2.34E-23	Lower
031-08	1.350	-1.988	0.62	106	1979	68.99	1.44E-23	Upper
031-09	0.633	0.069	0.74	168	1990	18.08	8.30E-51	Lower
031-09	0.580	-0.051	0.64	174	1990	25.71	1.10E-39	Middle
031-09	0.927	-0.515	0.62	177	1990	70.03	5.19E-39	Upper
032-01	1.217	-0.406	0.68	10	1976	6.21	3.36E-03	Lower
032-01	1.776	-1.279	0.85	8	1976	3.87	1.23E-03	Middle
032-01	1.541	-1.615	0.76	15	1976	9.31	2.15E-05	Upper
032-02	0.665	-0.005	0.88	47	1976	2.50	1.20E-22	Lower
032-02	1.495	-0.944	0.86	46	1976	15.97	4.57E-20	Middle
032-02	1.550	-1.513	0.83	53	1976	23.41	3.27E-21	Upper
032-04	1.535	-1.285	0.88	98	1987	38.69	1.45E-45	Lower
032-04	1.465	-1.427	0.91	102	1987	25.18	7.90E-55	Middle
032-04	1.372	-1.558	0.91	111	1987	25.60	4.70E-58	Upper
033-01	1.568	-1.028	0.85	111	1983	55.20	3.65E-46	Lower
033-01	1.592	-1.264	0.94	114	1985	20.71	6.68E-71	Middle
033-01	1.462	-1.415	0.91	126	1983	30.19	2.78E-67	Upper
033-02	1.010	-0.175	0.76	106	1982	35.59	6.96E-34	Lower
033-02	1.692	-1.095	0.88	103	1982	41.27	2.21E-48	Middle
033-02	1.663	-1.553	0.85	112	1982	54.44	7.03E-48	Upper
033-03	0.842	-0.271	0.68	105	1984	38.48	5.55E-27	Lower
033-03	1.579	-1.381	0.93	107	1984	20.97	2.20E-63	Middle
033-03	1.508	-1.474	0.92	117	1979	24.51	2.09E-64	Upper
033-04	1.387	-1.094	0.74	134	1979	101.01	3.66E-40	Lower
033-04	1.600	-1.504	0.89	136	1979	46.77	2.16E-66	Middle
033-04	1.510	-1.585	0.89	145	1983	44.49	3.24E-70	Upper
034-05	1.563	-1.387	0.83	16	1974	7.67	8.24E-07	Middle
034-05	1.464	-1.661	0.79	26	1993	13.44	1.49E-09	Upper
034-06	1.553	-1.033	0.90	18	1993	5.40	1.78E-09	Lower
034-06	1.564	-1.313	1.00	13	1975	0.00	5.71E-173	Middle
034-06	1.553	-1.427	0.85	25	1975	10.82	4.20E-11	Upper
035-01	0.716	-0.180	0.80	92	1980	11.08	8.20E-33	Lower
035-01	1.194	-0.997	0.82	91	1980	25.84	1.60E-34	Middle
035-01	1.380	-1.472	0.95	98	1980	8.38	1.71E-65	Upper
035-02	0.768	-0.130	0.86	35	1987	3.20	2.15E-15	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
035-02	1.636	-1.191	0.95	34	1987	4.62	1.77E-22	Middle
035-02	1.526	-1.304	0.95	41	1987	4.63	1.04E-26	Upper
035-03	1.491	-0.993	0.90	186	1991	59.16	2.14E-92	Lower
035-03	1.575	-1.285	0.99	187	1975	5.96	1.50E-185	Middle
035-03	1.510	-1.349	0.98	199	1975	11.02	2.25E-170	Upper
035-04	1.505	-1.802	0.62	137	1993	129.66	7.37E-30	Middle
035-04	1.478	-1.826	0.62	144	1993	127.81	2.27E-31	Upper
036-01	1.432	-1.724	0.57	12	1995	12.76	4.73E-03	Lower
036-01	1.365	-1.956	0.57	13	1995	12.70	2.89E-03	Middle
036-01	1.389	-1.925	0.57	17	1995	16.31	4.23E-04	Upper
036-04	1.317	-1.847	0.55	158	1993	144.63	5.57E-29	Middle
036-04	1.332	-1.833	0.58	169	1993	141.11	1.54E-33	Upper
036-05	0.687	-0.033	0.86	135	1995	10.71	2.22E-58	Lower
036-05	1.387	-1.123	0.71	132	1980	103.63	3.06E-37	Middle
036-05	1.550	-1.469	0.83	147	1980	70.54	4.70E-58	Upper
036-06	1.566	-1.549	0.82	124	1974	76.79	1.02E-46	Lower
036-06	1.550	-1.675	0.86	122	1974	55.52	1.45E-52	Middle
036-06	1.498	-1.725	0.85	130	1974	57.64	1.88E-54	Upper
037-01	1.291	-1.021	0.59	168	1985	189.42	7.71E-34	Lower
037-01	1.635	-1.455	0.82	166	1985	96.11	1.09E-62	Middle
037-01	1.533	-1.561	0.81	179	1985	95.70	5.92E-65	Upper
038-01	1.498	-1.571	0.91	66	1972	18.87	4.15E-35	Lower
038-01	1.475	-1.589	0.90	67	1972	19.54	8.12E-35	Middle
038-01	1.442	-1.630	0.89	72	1972	22.28	6.57E-36	Upper
038-02	1.581	-1.593	0.82	103	1976	61.50	3.71E-39	Lower
038-02	1.565	-1.681	0.83	104	1976	54.45	2.07E-41	Middle
038-02	1.470	-1.754	0.84	107	1976	49.16	6.25E-43	Upper
038-04	1.616	-1.152	0.97	108	1981	11.94	8.16E-81	Lower
038-04	1.598	-1.274	1.00	109	1981	1.28	2.16E-132	Middle
038-04	1.501	-1.378	0.99	111	1981	2.25	3.45E-119	Upper
039-04	1.174	-2.001	0.51	77	1972	50.15	3.93E-13	Lower
039-04	1.203	-1.970	0.55	77	1976	47.54	1.69E-14	Middle
039-04	1.232	-1.954	0.58	84	1976	50.52	5.53E-17	Upper
040-01	0.701	-0.217	0.85	158	1978	15.20	9.00E-66	Lower
040-01	1.366	-1.336	0.91	155	1973	30.77	7.70E-83	Middle
040-01	1.335	-1.532	0.94	169	1976	21.22	1.12E-102	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
040-02	1.443	-1.543	0.65	86	1977	89.27	1.07E-20	Lower
040-02	1.389	-1.717	0.67	85	1977	72.49	8.60E-22	Middle
040-02	1.309	-1.810	0.68	92	1977	69.19	9.16E-24	Upper
040-03	1.374	-1.151	0.90	125	1980	26.34	3.56E-64	Lower
040-03	1.428	-1.426	0.97	128	1980	9.05	6.02E-96	Middle
040-03	1.332	-1.537	0.97	131	1980	6.44	7.60E-104	Upper
040-04	1.733	-1.279	0.77	124	1989	90.54	7.85E-41	Lower
040-04	1.649	-1.349	0.78	124	1989	76.88	3.45E-42	Middle
040-04	1.540	-1.470	0.77	130	1989	76.75	3.65E-42	Upper
040-32	0.957	0.039	0.98	6	1985	0.14	2.25E-04	Lower
040-32	1.087	-0.488	0.76	7	1985	2.96	1.08E-02	Middle
040-32	1.647	-1.217	0.98	9	1985	0.49	3.24E-07	Upper
041-01	1.054	-0.550	0.77	90	1982	30.12	3.10E-30	Lower
041-01	1.530	-1.310	0.96	90	1982	9.16	3.16E-63	Middle
041-01	1.456	-1.383	0.94	101	1982	12.94	2.98E-63	Upper
041-03	1.093	-0.649	0.59	8	1989	5.30	2.52E-02	Lower
041-03	1.477	-1.576	0.87	8	1989	2.34	6.59E-04	Middle
041-03	1.427	-1.809	0.81	13	1989	5.62	3.16E-05	Upper
041-04	0.696	-0.119	0.89	67	1989	3.37	8.12E-33	Lower
041-04	1.580	-1.582	0.82	73	1989	32.37	2.16E-28	Upper
041-05	1.055	-0.507	0.54	184	1980	150.67	1.55E-32	Lower
041-05	1.579	-1.561	0.74	186	1989	139.31	3.95E-56	Middle
041-05	1.492	-1.644	0.74	198	1980	134.25	2.74E-59	Upper
042-03	1.404	-1.119	0.91	163	1981	30.10	6.82E-86	Lower
042-03	1.465	-1.376	0.96	163	1981	13.20	4.61E-115	Middle
042-03	1.370	-1.483	0.96	169	1981	12.13	2.24E-119	Upper
042-04	1.496	-1.181	0.93	73	1985	9.15	1.65E-43	Lower
042-04	1.489	-1.318	0.94	70	1985	7.03	2.59E-44	Middle
042-04	1.418	-1.392	0.93	79	1985	9.60	9.05E-46	Upper
043-02	1.278	-1.869	0.57	130	1987	121.05	1.88E-25	Lower
043-02	1.268	-1.957	0.64	132	1987	92.18	1.08E-30	Middle
043-02	1.222	-2.004	0.64	137	1995	89.74	9.74E-32	Upper
043-03	1.583	-1.567	0.71	88	1987	70.58	6.67E-25	Upper
043-04	1.157	-1.982	0.55	49	1986	40.91	9.55E-10	Lower
043-04	1.089	-2.049	0.59	54	1986	35.75	9.55E-12	Upper
043-06	1.309	-1.162	0.55	217	1988	233.24	2.17E-39	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
043-06	1.467	-1.605	0.68	221	1988	171.80	2.90E-56	Upper
045-30	1.442	-1.781	0.74	68	1976	55.69	6.64E-21	Lower
045-30	1.384	-1.838	0.74	69	1976	51.30	1.73E-21	Middle
045-30	1.275	-1.930	0.74	73	1976	46.05	1.13E-22	Upper
046-04	1.622	-1.083	0.95	40	1979	7.46	1.50E-25	Lower
046-04	1.652	-1.217	1.00	39	1979	0.03	1.09E-67	Middle
046-04	1.610	-1.263	1.00	43	1981	0.48	5.46E-52	Upper
046-05	1.690	-1.172	0.99	40	1981	0.91	8.19E-43	Lower
046-05	1.555	-1.312	0.99	41	1981	1.73	2.95E-37	Middle
046-05	1.388	-1.492	0.98	47	1967	2.05	1.21E-41	Upper
047-01	1.251	-0.795	0.68	157	1974	93.13	1.49E-40	Lower
047-01	1.594	-1.447	0.84	159	1992	60.13	2.20E-65	Middle
047-01	1.530	-1.511	0.85	171	1992	59.07	8.02E-71	Upper
047-02	1.482	-0.621	0.76	98	1991	54.84	6.05E-32	Lower
047-02	1.753	-1.087	0.99	99	1991	3.76	8.50E-91	Middle
047-02	1.640	-1.191	0.97	107	1991	6.67	2.61E-85	Upper
047-03	0.969	0.356	0.97	62	1988	1.97	1.76E-45	Lower
047-03	0.970	0.356	0.97	63	1988	1.92	9.08E-47	Middle
047-03	0.975	0.041	0.75	67	1988	20.58	2.77E-21	Upper
048-02	1.147	-0.742	0.62	105	1977	97.78	1.17E-23	Lower
048-02	1.613	-1.517	0.89	106	1977	39.25	2.36E-52	Middle
048-02	1.480	-1.660	0.89	114	1977	37.47	1.45E-54	Upper
048-03	1.240	-0.679	0.82	100	1983	35.59	2.29E-38	Lower
048-03	1.586	-1.295	0.96	100	1983	10.45	1.53E-71	Middle
048-03	1.476	-1.413	0.96	106	1983	10.40	9.86E-74	Upper
050-07	0.625	0.096	0.78	8	1995	0.51	3.42E-03	Lower
050-07	0.556	0.018	0.72	8	1995	0.56	8.12E-03	Middle
050-07	0.503	-0.110	0.60	12	1995	1.19	2.91E-03	Upper
051-08	1.406	-1.140	0.90	92	1988	24.11	2.27E-46	Lower
051-08	1.458	-1.405	0.98	92	1988	4.18	4.01E-80	Middle
051-08	1.393	-1.479	0.99	102	1988	2.77	1.80E-97	Upper
052-05	0.752	0.113	0.88	86	1972	3.58	1.01E-40	Lower
052-05	1.729	-1.658	0.69	90	1972	66.26	4.06E-24	Upper
052-07	0.769	-0.149	0.91	127	1982	7.81	1.38E-66	Lower
052-07	0.693	-0.225	0.84	127	1982	11.56	2.58E-52	Middle
052-07	0.660	-0.362	0.66	132	1982	29.59	1.19E-32	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-08	1.593	-1.514	0.86	166	1975	78.00	5.43E-73	Middle
052-08	1.449	-1.647	0.87	176	1978	63.26	5.37E-80	Upper
052-30	0.616	0.096	0.78	127	1972	9.99	1.85E-42	Lower
052-30	0.597	-0.038	0.64	132	1993	18.48	8.82E-31	Middle
052-30	0.615	-0.277	0.58	140	1991	26.99	8.90E-28	Upper
053-01	1.385	-1.153	0.91	79	1989	17.60	1.33E-41	Lower
053-01	1.430	-1.391	0.95	79	1974	8.58	3.19E-53	Middle
053-01	1.329	-1.475	0.92	96	1983	15.63	8.00E-53	Upper
053-02	1.183	-0.445	0.80	98	1979	44.75	2.71E-35	Lower
053-02	1.541	-1.322	0.98	98	1979	7.47	2.59E-79	Middle
053-02	1.430	-1.442	0.97	107	1979	7.53	7.99E-85	Upper
053-03	0.950	-0.503	0.79	182	1981	52.40	1.62E-62	Lower
053-03	1.468	-1.395	0.96	184	1980	18.97	1.32E-129	Middle
053-03	1.351	-1.523	0.97	197	1981	13.93	1.19E-146	Upper
053-04	0.802	-0.331	0.54	169	1990	104.91	2.52E-30	Lower
053-04	1.547	-1.409	0.85	165	1990	80.02	2.09E-69	Middle
053-04	1.458	-1.506	0.83	181	1974	89.04	3.31E-71	Upper
053-05	1.163	-2.033	0.56	13	1993	10.10	3.15E-03	Middle
053-05	1.394	-1.947	0.55	21	1993	21.04	1.13E-04	Upper
053-08	0.870	0.006	0.93	140	1990	4.80	1.38E-82	Lower
053-08	1.571	-1.586	0.72	150	1990	97.10	1.07E-42	Upper
054-01	1.594	-1.523	0.63	102	1990	111.49	4.80E-23	Upper
054-02	0.471	0.294	0.52	67	1994	7.36	5.95E-12	Lower
054-03	1.700	-1.606	0.69	8	1994	5.96	1.09E-02	Upper
055-01	1.434	-1.444	0.96	15	1960	2.29	2.25E-10	Lower
055-01	1.281	-1.611	0.97	15	1960	1.46	5.37E-11	Middle
055-01	1.194	-1.709	0.99	18	1960	0.46	2.67E-17	Upper
055-02	1.446	-1.429	0.96	30	1960	3.25	1.08E-21	Lower
055-02	1.392	-1.487	0.96	29	1960	3.31	2.28E-20	Middle
055-02	1.304	-1.582	0.96	35	1960	3.45	2.04E-24	Upper
055-03	1.447	-1.431	0.97	64	1960	5.57	1.98E-50	Lower
055-03	1.400	-1.482	0.97	65	1960	5.43	4.30E-51	Middle
055-03	1.296	-1.594	0.97	69	1960	5.27	6.48E-53	Upper
055-06	1.464	-1.673	0.64	31	1984	31.20	7.84E-08	Lower
055-06	1.425	-1.743	0.61	32	1984	33.58	1.45E-07	Middle
055-06	1.475	-1.679	0.64	35	1984	34.82	7.99E-09	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
056-04	1.361	-1.184	0.62	60	1995	71.66	8.81E-14	Lower
056-04	1.582	-1.615	0.77	62	1995	46.85	1.35E-20	Middle
056-04	1.471	-1.686	0.79	70	1982	41.90	2.00E-24	Upper
056-05	0.727	-0.084	0.77	88	1990	10.71	1.99E-29	Lower
056-05	0.672	-0.184	0.77	84	1990	8.77	4.75E-28	Middle
056-05	1.326	-0.953	0.79	94	1990	34.01	5.46E-33	Upper
056-07	1.372	-1.516	0.99	57	1952	1.90	2.01E-57	Lower
056-07	1.319	-1.572	0.98	58	1952	3.06	7.12E-52	Middle
056-07	1.200	-1.698	0.98	67	1952	3.19	1.53E-58	Upper
056-30	0.737	-0.134	0.87	96	1990	6.07	6.74E-43	Lower
056-30	0.639	-0.225	0.77	101	1990	9.10	8.99E-34	Middle
056-30	0.847	-0.546	0.62	102	1990	33.74	1.06E-22	Upper
056-31	0.762	-0.122	0.85	63	1986	4.98	4.08E-27	Lower
056-31	0.661	-0.224	0.79	63	1986	5.70	1.47E-22	Middle
056-31	1.271	-1.122	0.83	69	1986	18.03	2.13E-27	Upper
057-03	1.576	-1.646	0.83	267	1983	146.26	8.99E-104	Middle
057-03	1.486	-1.725	0.83	280	1976	135.22	9.47E-110	Upper
057-04	0.763	-0.121	0.85	35	1990	3.26	4.80E-15	Lower
057-04	0.773	-0.109	0.84	33	1990	3.37	7.58E-14	Middle
057-04	0.680	-0.191	0.76	41	1990	5.46	1.77E-13	Upper
057-05	1.528	-1.686	0.76	181	1981	152.75	1.71E-57	Lower
057-05	1.469	-1.752	0.77	185	1981	136.58	1.69E-60	Middle
057-05	1.389	-1.825	0.76	188	1972	129.36	4.10E-60	Upper
057-07	0.760	-0.142	0.87	118	1983	10.63	7.82E-53	Lower
057-07	1.154	-0.802	0.77	119	1981	48.02	2.91E-39	Middle
057-07	1.444	-1.388	0.94	127	1983	18.31	3.22E-76	Upper
057-08	0.673	-0.031	0.82	44	1995	2.88	2.42E-17	Lower
057-08	0.642	-0.223	0.89	44	1995	1.51	7.48E-22	Middle
057-08	1.240	-1.074	0.56	49	1995	38.62	5.33E-10	Upper
058-01	0.725	-0.124	0.81	137	1991	12.61	6.17E-51	Lower
058-01	0.603	-0.238	0.73	141	1991	14.79	7.88E-41	Middle
058-01	1.202	-0.879	0.71	143	1991	62.20	3.08E-40	Upper
058-02	1.427	-0.564	0.81	182	1986	71.96	2.62E-66	Lower
058-02	1.751	-1.132	0.90	183	1986	47.84	4.06E-94	Middle
058-02	1.563	-1.491	0.78	188	1986	105.44	6.51E-63	Upper
058-03	1.481	-0.850	0.83	121	1975	50.30	1.94E-47	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
058-03	1.457	-1.527	0.77	124	1975	72.56	1.33E-40	Middle
058-03	1.350	-1.685	0.74	126	1975	75.10	8.68E-38	Upper
058-04	1.149	-1.271	0.54	112	1975	139.57	2.12E-20	Lower
058-04	1.454	-1.757	0.83	112	1975	55.02	5.19E-44	Middle
058-04	1.364	-1.830	0.83	118	1975	51.98	8.37E-46	Upper
058-05	1.603	-1.268	1.00	98	1976	0.37	4.49E-142	Lower
058-05	1.545	-1.332	1.00	100	1976	0.40	1.39E-142	Middle
058-05	1.430	-1.452	0.99	103	1973	1.91	4.83E-110	Upper
059-02	1.459	-1.802	0.63	315	1987	244.59	2.35E-69	Middle
059-02	1.269	-1.957	0.62	318	1987	189.97	3.95E-69	Upper
059-03	1.566	-0.791	0.86	93	1982	44.57	4.00E-40	Lower
059-03	1.787	-1.070	1.00	92	1982	0.20	4.90E-147	Middle
059-03	1.682	-1.180	1.00	97	1982	1.43	1.27E-113	Upper
059-04	1.483	-0.510	0.77	156	1990	82.58	5.39E-51	Lower
059-04	1.812	-1.025	0.99	154	1990	4.88	3.00E-148	Middle
059-04	1.714	-1.131	0.99	160	1990	4.62	1.92E-153	Upper
060-02	1.564	-1.313	0.99	9	1981	0.16	1.27E-08	Lower
060-02	1.470	-1.406	0.99	11	1986	0.13	4.97E-11	Middle
060-02	1.383	-1.485	0.98	16	1986	0.55	5.09E-13	Upper
060-04	1.564	-1.296	0.99	111	1990	3.02	1.74E-109	Lower
060-04	1.470	-1.400	0.99	111	1990	1.73	5.80E-120	Middle
060-04	1.409	-1.465	0.99	116	1990	1.86	4.17E-122	Upper
061-01	1.709	-1.385	0.78	45	1982	28.97	9.06E-16	Lower
061-01	1.586	-1.500	0.80	47	1989	24.53	1.97E-17	Middle
061-01	1.488	-1.593	0.81	55	1989	26.29	1.82E-20	Upper
061-04	1.403	-1.444	0.98	109	1942	6.37	6.36E-97	Lower
061-04	1.341	-1.534	0.99	111	1942	2.94	2.20E-115	Middle
061-04	1.206	-1.671	0.98	116	1942	6.64	1.27E-96	Upper
061-05	1.693	-1.210	0.96	111	1993	12.09	6.99E-81	Lower
061-05	1.604	-1.322	0.95	115	1991	15.56	1.36E-75	Middle
061-05	1.471	-1.454	0.95	119	1991	14.41	1.65E-76	Upper
061-06	1.609	-1.212	0.97	123	1992	8.08	1.16E-95	Lower
061-06	1.506	-1.325	0.97	121	1992	6.40	5.70E-96	Middle
061-06	1.442	-1.400	0.98	130	1989	4.93	1.13E-109	Upper
061-08	1.676	-1.168	0.56	62	1994	76.14	2.64E-12	Lower
061-08	1.792	-1.528	0.66	61	1994	53.54	1.35E-15	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
061-08	1.707	-1.606	0.69	68	1994	50.20	2.02E-18	Upper
063-05	1.805	-1.041	0.98	20	1990	0.98	9.89E-18	Lower
063-05	1.646	-1.208	0.99	24	1990	0.90	5.85E-22	Middle
063-05	1.514	-1.352	0.99	25	1990	0.55	9.11E-25	Upper
065-06	1.620	-1.232	0.97	21	1992	2.08	1.95E-15	Lower
065-06	1.494	-1.376	0.99	22	1992	0.57	2.78E-21	Middle
065-06	1.465	-1.401	0.99	26	1992	0.76	2.68E-24	Upper
066-06	1.700	-1.343	0.80	201	1990	103.32	6.48E-71	Middle
066-06	1.648	-1.468	0.83	213	1994	82.66	1.23E-82	Upper
067-09	1.338	-1.785	0.53	50	1990	56.21	2.52E-09	Lower
067-09	1.192	-1.911	0.51	50	1990	46.59	5.74E-09	Middle
067-09	1.145	-1.966	0.53	53	1990	43.76	7.74E-10	Upper
068-04	1.628	-1.714	0.72	135	1994	87.52	9.34E-39	Upper
070-05	1.325	-1.778	0.54	109	1991	76.53	1.27E-19	Lower
070-05	1.210	-1.889	0.54	111	1991	65.27	6.36E-20	Middle
070-05	1.248	-1.856	0.58	114	1991	64.94	1.36E-22	Upper
070-06	1.321	-0.910	0.71	37	1991	25.65	5.30E-11	Lower
070-06	1.494	-1.364	0.97	36	1991	2.55	2.32E-27	Middle
070-06	1.498	-1.349	0.96	43	1991	3.67	2.98E-31	Upper
071-03	1.498	-1.377	0.99	23	1990	0.42	3.50E-24	Lower
071-03	1.447	-1.432	0.99	23	1990	0.34	8.02E-25	Middle
071-03	1.410	-1.469	0.99	28	1990	0.47	2.18E-29	Upper
073-01	1.401	-0.898	0.50	126	1994	140.96	1.25E-20	Lower
073-01	1.770	-1.553	0.72	129	1994	90.75	3.20E-37	Middle
073-01	1.703	-1.606	0.73	132	1994	82.76	1.43E-38	Upper
073-02	2.015	-1.344	0.73	104	1994	85.14	3.58E-31	Lower
073-02	1.895	-1.429	0.73	102	1994	72.66	1.87E-30	Middle
073-02	1.764	-1.546	0.73	110	1994	68.91	6.55E-33	Upper
073-03	1.698	-1.602	0.59	130	1993	164.21	2.51E-26	Lower
073-03	1.583	-1.697	0.59	132	1993	140.93	3.78E-27	Middle
073-03	1.514	-1.764	0.60	136	1993	128.58	1.71E-28	Upper
077-02	1.665	-1.202	1.00	50	1990	0.37	1.46E-62	Lower
077-02	1.575	-1.299	1.00	51	1990	0.32	1.31E-64	Middle
077-02	1.465	-1.400	0.99	55	1990	0.89	8.99E-57	Upper
080-01	0.545	0.045	0.60	7	1993	0.90	4.16E-02	Lower
080-01	0.491	-0.112	0.57	13	1993	1.47	2.89E-03	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
080-02	0.572	0.089	0.72	94	1993	6.82	3.33E-27	Lower
080-02	0.503	0.023	0.59	92	1993	9.09	4.97E-19	Middle
082-03	1.742	-1.391	0.70	52	1991	40.26	8.29E-15	Middle
082-03	1.679	-1.466	0.71	56	1991	38.71	4.85E-16	Upper
082-30	1.278	-1.970	0.53	24	1994	18.15	5.69E-05	Upper
083-06	0.907	-0.025	1.00	6	1989	0.00	4.49E-07	Lower
083-06	1.306	-1.892	0.51	10	1989	11.06	1.96E-02	Upper
087-02	0.685	-0.208	0.87	77	1991	4.81	1.45E-34	Lower
087-02	1.490	-1.059	0.86	74	1991	23.19	1.83E-32	Middle
087-02	1.539	-1.262	0.95	83	1991	9.13	6.21E-54	Upper
088-03	0.723	-0.177	0.89	11	1991	0.55	1.19E-05	Lower
088-03	1.585	-1.233	0.97	13	1991	1.00	1.74E-09	Middle
088-03	1.534	-1.253	0.95	17	1991	1.50	3.12E-11	Upper
089-01	0.602	0.014	0.75	124	1993	8.49	7.70E-39	Lower
089-01	1.374	-1.088	0.61	126	1993	88.20	2.99E-27	Middle
089-01	1.601	-1.702	0.65	130	1993	101.07	2.59E-31	Upper
089-05	1.589	-0.549	0.82	8	1990	3.04	2.07E-03	Lower
089-05	1.543	-1.810	0.57	10	1990	12.06	1.21E-02	Middle
089-05	1.302	-1.992	0.52	12	1990	12.53	8.31E-03	Upper
092-03	1.147	-0.656	0.80	87	1977	31.97	7.50E-32	Lower
092-03	1.510	-1.344	0.96	88	1977	9.34	2.60E-62	Middle
092-03	1.409	-1.458	0.96	93	1977	7.75	1.21E-67	Upper
097-01	1.504	-1.046	0.63	54	1990	58.29	9.81E-13	Middle
097-01	1.702	-1.466	0.79	59	1990	35.98	9.27E-21	Upper
098-02	1.850	-1.304	0.65	52	1994	56.36	5.90E-13	Lower
098-02	1.813	-1.533	0.69	53	1994	45.66	1.74E-14	Middle
098-02	1.722	-1.607	0.71	58	1994	40.88	9.32E-17	Upper
106-03	1.655	-1.768	0.70	39	1994	31.11	3.13E-11	Lower
106-03	1.540	-1.852	0.70	42	1994	28.71	4.98E-12	Middle
106-03	1.512	-1.860	0.72	45	1994	27.61	2.24E-13	Upper
110-02	1.597	-1.267	0.99	10	1989	0.16	3.08E-10	Lower
110-02	1.541	-1.333	1.00	7	1989	0.09	5.05E-07	Middle
110-02	1.464	-1.397	0.99	15	1989	0.47	2.85E-13	Upper
112-02	1.370	-1.517	0.98	65	1980	2.56	7.52E-59	Lower
112-02	1.283	-1.608	0.98	67	1957	2.79	2.18E-58	Middle
112-02	1.179	-1.670	0.96	74	1957	5.39	2.45E-52	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
112-03	0.756	-0.134	0.89	169	1988	9.11	1.34E-81	Lower
112-03	0.681	-0.207	0.84	167	1988	11.09	9.32E-68	Middle
112-03	0.933	-0.637	0.69	179	1989	52.85	2.29E-46	Upper
112-04	1.577	-1.289	0.99	46	1977	1.96	1.67E-42	Lower
112-04	1.476	-1.393	0.97	48	1977	3.82	4.12E-37	Middle
112-04	1.371	-1.508	0.97	52	1977	3.28	1.21E-40	Upper
112-05	1.399	-1.488	1.00	10	1946	0.12	5.42E-11	Lower
112-05	1.327	-1.566	0.99	13	1946	0.48	8.47E-12	Middle
112-05	1.273	-1.623	0.98	14	1946	0.82	2.85E-11	Upper
112-06	1.601	-1.233	0.96	85	1985	8.71	1.04E-60	Lower
112-06	1.505	-1.335	0.95	83	1985	10.15	7.40E-55	Middle
112-06	1.408	-1.448	0.97	91	1985	6.08	6.91E-68	Upper
112-07	1.783	-1.069	1.00	39	1986	0.39	2.63E-48	Lower
112-07	1.731	-1.127	0.99	37	1986	0.79	1.18E-39	Middle
112-07	1.648	-1.207	0.99	44	1986	1.35	7.16E-43	Upper
113-03	1.524	-1.215	0.95	137	1981	16.98	6.96E-90	Lower
113-03	1.476	-1.384	0.97	136	1977	10.19	4.00E-102	Middle
113-03	1.351	-1.520	0.97	148	1981	7.66	1.80E-115	Upper
114-01	1.509	-1.350	0.98	155	1981	10.67	5.33E-129	Lower
114-01	1.430	-1.434	0.97	156	1981	11.77	3.91E-123	Middle
114-01	1.323	-1.545	0.97	166	1963	12.16	4.10E-126	Upper
114-02	0.731	-0.021	0.81	155	1991	12.97	1.83E-57	Lower
114-02	0.663	-0.197	0.81	158	1991	11.25	1.81E-57	Middle
114-02	1.349	-1.163	0.60	165	1995	135.53	5.61E-34	Upper
114-03	0.695	-0.097	0.83	154	1995	11.18	7.28E-61	Lower
114-03	0.879	-0.466	0.65	158	1991	48.64	1.40E-37	Middle
114-03	1.518	-1.571	0.69	164	1995	123.94	2.92E-43	Upper
117-01	0.783	-0.173	0.62	153	1986	52.82	3.83E-33	Lower
117-01	1.592	-1.324	0.82	153	1986	76.05	3.69E-58	Middle
117-01	1.559	-1.521	0.87	162	1986	51.99	7.30E-73	Upper
117-02	0.797	-0.117	0.81	117	1987	14.93	4.22E-43	Lower
117-02	1.576	-1.208	0.93	117	1959	19.26	1.18E-68	Middle
117-02	1.471	-1.316	0.93	128	1987	18.65	2.47E-73	Upper
117-03	1.462	-1.243	0.94	57	1983	8.19	1.30E-34	Lower
117-03	1.427	-1.430	0.97	59	1983	3.34	1.34E-46	Middle
117-03	1.344	-1.520	0.98	63	1983	2.75	5.96E-51	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
122-03	0.943	-0.408	0.78	84	1982	20.88	5.36E-29	Lower
122-03	1.499	-1.347	0.96	82	1982	7.73	1.60E-57	Middle
122-03	1.399	-1.459	0.96	90	1982	7.68	1.91E-62	Upper
122-30	1.502	-1.157	0.94	81	1981	11.92	4.83E-50	Lower
122-30	1.526	-1.368	0.95	83	1979	10.69	3.59E-53	Middle
122-30	1.427	-1.463	0.93	91	1981	12.75	2.12E-54	Upper
123-04	1.419	-1.163	0.86	137	1976	56.20	1.15E-58	Lower
123-04	1.477	-1.489	0.93	138	1978	27.00	4.57E-81	Middle
123-04	1.389	-1.568	0.92	152	1976	28.54	6.12E-85	Upper
124-01	1.570	-1.227	0.96	101	1980	12.36	1.60E-71	Lower
124-01	1.528	-1.328	0.97	99	1980	9.32	3.35E-74	Middle
124-01	1.391	-1.481	0.98	107	1980	6.14	6.63E-87	Upper
124-03	1.564	-1.610	0.75	191	1989	115.38	3.38E-59	Middle
124-03	1.503	-1.660	0.77	199	1989	102.16	1.07E-64	Upper
125-01	0.984	-0.189	0.78	286	1982	66.09	1.58E-95	Lower
125-01	1.713	-1.028	0.97	284	1982	24.96	5.03E-209	Middle
125-01	1.528	-1.612	0.75	292	1982	190.44	9.92E-90	Upper
125-02	1.157	-2.141	0.52	26	1975	16.49	3.10E-05	Lower
125-02	1.292	-2.030	0.60	31	1975	19.77	3.33E-07	Upper
125-03	1.426	-1.514	0.77	17	1979	12.15	4.27E-06	Lower
125-03	1.518	-1.741	0.86	20	1976	8.58	5.00E-09	Middle
125-03	1.412	-1.785	0.88	25	1979	7.81	5.95E-12	Upper
125-04	1.459	-1.406	0.99	6	1978	0.14	6.69E-05	Lower
125-04	1.468	-1.403	0.99	7	1978	0.25	8.36E-06	Middle
125-04	1.378	-1.496	0.98	12	1978	0.33	4.04E-10	Upper
126-01	0.779	-0.170	0.92	178	1987	8.84	1.13E-96	Lower
126-01	1.598	-1.383	0.82	174	1987	88.63	7.46E-66	Middle
126-01	1.499	-1.544	0.79	187	1987	98.07	8.35E-65	Upper
127-01	1.535	-1.565	0.65	84	1990	78.96	3.31E-20	Middle
127-01	1.484	-1.639	0.65	91	1990	76.31	3.37E-22	Upper
127-02	1.551	-1.599	0.73	166	1987	122.04	7.43E-48	Middle
127-02	1.543	-1.678	0.76	171	1987	103.31	1.75E-54	Upper
128-03	1.496	-1.701	0.66	42	1983	43.49	5.02E-11	Lower
128-03	1.458	-1.733	0.65	41	1983	42.37	2.23E-10	Middle
128-03	1.370	-1.817	0.67	47	1983	39.53	1.55E-12	Upper
128-05	0.746	-0.128	0.87	148	1989	9.11	4.62E-66	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
128-05	0.623	-0.252	0.81	151	1989	10.19	1.92E-55	Middle
128-05	1.190	-1.033	0.79	154	1989	42.38	4.48E-53	Upper
129-01	1.352	-1.725	0.89	104	1953	35.55	1.03E-51	Lower
129-01	1.246	-1.809	0.90	101	1953	28.78	9.74E-51	Middle
129-01	1.180	-1.892	0.90	116	1953	29.03	9.43E-58	Upper
129-02	1.246	-0.728	0.81	189	1988	64.61	1.64E-69	Lower
129-02	1.551	-1.298	0.98	189	1988	7.65	3.82E-166	Middle
129-02	1.455	-1.404	0.99	194	1988	5.75	6.88E-178	Upper
130-02	1.303	-0.989	0.68	78	1975	67.52	1.76E-20	Lower
130-02	1.385	-1.788	0.74	81	1975	58.44	3.82E-25	Middle
130-02	1.332	-1.819	0.74	84	1975	55.80	6.91E-26	Upper
131-01	0.698	-0.180	0.78	15	1986	1.94	1.22E-05	Lower
131-01	1.281	-1.055	0.82	16	1986	5.17	1.25E-06	Middle
131-01	1.421	-1.401	0.94	21	1986	2.33	3.46E-13	Upper
132-01	0.843	-0.081	0.91	22	1980	1.90	7.16E-12	Lower
132-01	1.554	-1.312	0.97	23	1980	1.93	9.17E-18	Middle
132-01	1.419	-1.463	0.99	26	1980	0.94	1.83E-23	Upper
132-02	1.658	-1.098	0.95	151	1988	22.20	3.68E-96	Lower
132-02	1.596	-1.210	0.95	150	1988	18.08	5.65E-99	Middle
132-02	1.491	-1.333	0.96	161	1992	13.44	1.93E-113	Upper
132-03	1.128	-1.075	0.76	102	1960	60.43	1.12E-32	Lower
132-03	1.176	-1.874	0.85	103	1960	38.52	7.55E-43	Middle
132-03	1.122	-2.022	0.84	107	1960	37.70	1.23E-43	Upper
133-02	1.236	-1.023	0.59	163	1955	172.35	3.96E-33	Lower
133-02	1.360	-1.770	0.77	164	1955	91.60	1.06E-53	Middle
133-02	1.263	-1.843	0.75	174	1955	93.45	7.38E-54	Upper
133-03	0.773	-0.108	0.91	129	1988	7.16	4.79E-68	Lower
133-03	1.526	-1.534	0.78	136	1988	84.15	2.20E-45	Upper
134-01	1.196	-0.688	0.84	110	1972	30.57	7.90E-45	Lower
134-01	1.463	-1.388	0.97	113	1972	7.26	3.83E-87	Middle
134-01	1.334	-1.523	0.95	122	1977	10.38	9.31E-82	Upper
135-01	0.790	-0.118	0.95	16	1987	0.49	3.13E-10	Lower
135-01	0.888	-0.407	0.76	17	1987	4.06	5.38E-06	Middle
135-01	1.543	-1.258	0.94	22	1987	2.94	2.44E-13	Upper
139-01	1.566	-1.595	0.69	99	1987	88.51	1.49E-26	Upper
139-02	0.842	0.035	0.91	99	1987	6.02	3.22E-52	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
139-02	0.783	-0.131	0.93	97	1987	3.94	4.40E-56	Middle
139-04	1.495	-0.981	0.89	111	1981	36.98	1.57E-54	Lower
139-04	1.586	-1.259	0.99	109	1975	4.21	5.55E-104	Middle
139-04	1.506	-1.332	0.98	118	1981	7.51	1.87E-97	Upper
139-05	1.460	-1.820	0.50	53	1993	72.87	2.51E-09	Lower
139-05	1.351	-1.914	0.53	59	1993	62.49	5.41E-11	Upper
139-06	1.407	-1.639	0.89	124	1964	41.83	4.15E-61	Lower
139-06	1.316	-1.761	0.91	123	1964	30.10	4.13E-65	Middle
139-06	1.234	-1.849	0.91	134	1964	30.73	1.93E-69	Upper
139-07	1.373	-1.514	0.99	34	1964	0.78	1.15E-35	Lower
139-07	1.299	-1.594	0.98	36	1964	1.60	2.99E-32	Middle
139-07	1.214	-1.685	0.99	39	1964	1.20	1.39E-36	Upper
140-01	1.631	-1.176	0.95	75	1990	8.49	7.24E-51	Lower
140-01	1.557	-1.257	0.96	71	1990	7.11	1.38E-48	Middle
140-01	1.471	-1.357	0.96	80	1990	6.39	2.16E-56	Upper
140-02	1.635	-1.121	0.94	78	1956	11.67	9.49E-48	Lower
140-02	1.593	-1.192	0.94	79	1990	10.83	7.11E-49	Middle
140-02	1.411	-1.340	0.92	87	1990	12.36	3.25E-49	Upper
140-03	1.576	-1.289	0.99	125	1980	4.56	1.45E-117	Lower
140-03	1.445	-1.434	0.99	127	1980	1.91	6.11E-139	Middle
140-03	1.309	-1.580	0.99	130	1980	1.91	6.50E-137	Upper
141-01	1.324	-1.672	0.63	18	1978	19.52	8.06E-05	Lower
141-01	1.471	-1.713	0.79	17	1978	11.31	2.19E-06	Middle
141-01	1.346	-1.889	0.73	22	1978	15.76	4.37E-07	Upper
141-02	0.860	0.031	0.92	88	1982	3.96	2.00E-49	Lower
141-02	1.647	-0.846	0.89	89	1982	20.67	1.00E-43	Middle
141-02	1.682	-1.124	0.97	92	1982	6.10	2.84E-69	Upper
141-03	1.292	-1.605	0.99	75	1982	1.83	5.28E-78	Lower
141-03	1.177	-1.729	1.00	71	1962	0.19	5.56E-104	Middle
141-03	1.138	-1.771	1.00	80	1962	0.13	3.79E-124	Upper
142-02	1.169	-0.670	0.52	111	1984	136.96	2.98E-19	Lower
142-02	1.736	-1.483	0.86	108	1984	50.69	6.82E-48	Middle
142-02	1.604	-1.610	0.85	117	1984	51.30	1.43E-49	Upper
142-04	1.630	-1.231	0.99	6	1989	0.15	3.60E-05	Lower
142-04	1.580	-1.283	0.99	7	1989	0.19	3.37E-06	Middle
142-04	1.498	-1.363	0.98	10	1989	0.37	2.71E-08	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
143-06	1.452	-1.635	0.54	62	1977	51.90	9.60E-12	Middle
143-06	1.431	-1.670	0.55	68	1984	56.18	6.27E-13	Upper
144-01	1.175	-0.528	0.62	176	1978	128.88	1.62E-38	Lower
144-01	1.632	-1.549	0.81	175	1978	92.26	4.63E-65	Middle
144-01	1.608	-1.583	0.81	182	1978	93.42	9.52E-68	Upper
144-02	1.599	-1.266	0.99	51	1991	1.61	1.61E-50	Lower
144-02	1.475	-1.403	0.99	49	1986	1.11	5.37E-50	Middle
144-02	1.396	-1.483	0.99	59	1986	1.51	5.31E-58	Upper
144-03	1.541	-1.459	0.68	63	1987	54.34	6.15E-17	Lower
144-03	1.507	-1.601	0.73	64	1987	41.69	2.17E-19	Middle
144-03	1.420	-1.682	0.74	70	1987	41.62	9.21E-22	Upper
144-04	1.323	-0.760	0.84	153	1986	41.91	3.91E-62	Lower
144-04	1.579	-1.234	0.95	154	1986	17.43	7.84E-100	Middle
144-04	1.497	-1.305	0.93	162	1986	24.02	5.96E-92	Upper
145-01	1.249	-0.730	0.81	103	1983	36.35	5.20E-38	Lower
145-01	1.543	-1.291	0.96	102	1983	10.88	2.09E-69	Middle
145-01	1.450	-1.398	0.96	109	1983	9.51	1.91E-75	Upper
145-02	1.490	-1.697	0.68	62	1976	67.65	1.48E-16	Lower
145-02	1.417	-1.804	0.70	62	1976	55.23	2.38E-17	Middle
145-02	1.388	-1.846	0.72	67	1976	54.27	1.31E-19	Upper
146-01	1.387	-0.995	0.89	86	1977	24.69	4.65E-42	Lower
146-01	1.547	-1.321	0.98	87	1978	3.98	1.83E-78	Middle
146-01	1.484	-1.383	0.98	96	1978	6.26	2.55E-77	Upper
147-01	1.143	-0.498	0.74	72	1992	25.93	5.52E-22	Lower
147-01	1.609	-1.140	0.92	71	1992	12.34	4.35E-40	Middle
147-01	1.512	-1.252	0.93	78	1992	9.65	1.90E-46	Upper
147-02	1.636	-1.197	0.99	42	1973	1.40	2.98E-41	Lower
147-02	1.558	-1.287	0.99	39	1973	1.47	1.60E-36	Middle
147-02	1.479	-1.339	0.97	47	1973	4.06	3.21E-35	Upper
147-03	0.647	-0.210	0.86	145	1989	10.35	1.25E-62	Lower
147-03	1.189	-1.072	0.80	141	1989	51.86	1.94E-50	Middle
147-03	1.287	-1.390	0.86	156	1965	40.81	7.49E-69	Upper
147-04	1.203	-0.695	0.79	93	1986	29.64	7.15E-33	Lower
147-04	1.548	-1.259	0.94	93	1986	11.76	4.34E-57	Middle
147-04	1.455	-1.368	0.94	99	1986	10.76	8.62E-62	Upper
147-05	1.686	-1.174	0.98	17	1978	0.30	1.80E-14	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
149-05	1.467	-1.753	0.77	112	1975	80.91	2.12E-37	Middle
149-05	1.359	-1.860	0.77	119	1975	74.30	2.89E-39	Upper
151-02	1.776	-0.983	0.96	44	1981	4.79	1.09E-31	Lower
151-02	1.698	-1.152	0.99	44	1959	0.91	7.46E-46	Middle
151-02	1.622	-1.227	0.99	48	1981	1.57	1.84E-44	Upper
153-01	1.386	-1.076	0.59	51	1987	69.54	3.85E-11	Lower
153-01	1.623	-1.491	0.76	52	1987	44.74	6.43E-17	Middle
153-01	1.520	-1.581	0.78	61	1987	40.60	4.68E-21	Upper
154-01	1.650	-1.545	0.77	44	1980	38.37	5.25E-15	Middle
154-01	1.470	-1.763	0.73	47	1980	38.17	1.58E-14	Upper
154-02	1.575	-1.344	0.94	176	1980	30.58	1.46E-110	Lower
154-02	1.516	-1.388	0.94	178	1980	27.91	2.91E-112	Middle
154-02	1.431	-1.500	0.93	186	1981	34.64	3.79E-106	Upper
154-03	1.533	-1.222	0.96	95	1978	9.47	5.00E-66	Lower
154-03	1.467	-1.386	0.97	96	1978	5.80	9.57E-75	Middle
154-03	1.374	-1.488	0.97	104	1981	6.52	8.31E-77	Upper
154-30	1.625	-1.597	0.74	101	1983	91.32	8.88E-31	Lower
154-30	1.558	-1.646	0.74	96	1983	80.47	3.65E-29	Middle
154-30	1.500	-1.704	0.73	107	1983	84.27	4.91E-32	Upper
155-01	1.241	-0.946	0.85	99	1978	30.49	7.79E-42	Lower
155-01	1.448	-1.410	0.96	97	1975	9.14	5.63E-70	Middle
155-01	1.350	-1.514	0.96	111	1977	9.33	1.41E-77	Upper
155-02	1.317	-0.953	0.85	118	1979	36.36	2.70E-50	Lower
155-02	1.505	-1.381	0.96	119	1979	11.19	5.23E-84	Middle
155-02	1.405	-1.509	0.94	130	1979	15.13	3.12E-82	Upper
155-03	1.618	-1.219	0.98	19	1985	0.76	3.06E-16	Lower
155-03	1.524	-1.296	0.96	18	1985	1.07	4.51E-13	Middle
155-03	1.459	-1.383	0.96	25	1985	1.86	2.29E-17	Upper
156-01	1.381	-0.864	0.85	63	1975	27.57	5.32E-27	Lower
156-01	1.584	-1.267	0.99	64	1975	1.40	3.59E-69	Middle
156-01	1.506	-1.336	0.98	71	1977	3.93	2.88E-61	Upper
156-02	1.529	-1.699	0.74	104	1979	88.17	6.68E-32	Lower
156-02	1.495	-1.721	0.75	102	1979	80.78	7.97E-32	Middle
156-02	1.377	-1.828	0.74	109	1979	77.79	1.19E-32	Upper
156-03	1.557	-1.684	0.86	113	1978	54.92	2.08E-48	Lower
156-03	1.505	-1.716	0.86	112	1978	50.21	1.77E-48	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
156-03	1.436	-1.792	0.86	121	1965	49.72	3.18E-52	Upper
157-01	1.367	-1.524	1.00	9	1957	0.09	3.88E-10	Lower
157-01	1.330	-1.562	0.99	11	1957	0.30	1.34E-10	Middle
157-01	1.237	-1.664	0.99	13	1957	0.26	4.36E-13	Upper
157-02	1.256	-1.613	0.97	20	1957	1.41	1.08E-15	Lower
157-02	1.267	-1.596	0.96	21	1957	1.90	3.21E-15	Middle
157-02	1.201	-1.643	0.96	28	1957	2.67	1.12E-19	Upper
157-03	1.281	-0.542	0.80	188	1983	67.54	5.87E-66	Lower
157-03	1.677	-1.234	0.86	188	1983	70.93	3.47E-82	Middle
157-03	1.583	-1.557	0.77	196	1983	125.88	2.09E-63	Upper
157-04	1.567	-1.012	0.75	73	1985	50.77	5.11E-23	Lower
157-04	1.660	-1.526	0.75	73	1985	56.71	6.24E-23	Middle
157-04	1.583	-1.589	0.74	79	1985	57.28	2.41E-24	Upper
158-01	1.376	-1.357	0.94	136	1978	19.32	8.31E-85	Lower
158-01	1.327	-1.524	0.97	137	1977	9.51	1.64E-103	Middle
158-01	1.241	-1.619	0.97	152	1978	7.53	1.06E-119	Upper
159-02	0.705	0.132	0.86	82	1983	5.90	9.64E-36	Lower
159-02	0.846	-0.245	0.73	82	1983	19.81	3.36E-24	Middle
159-02	1.573	-1.310	0.81	88	1983	44.41	9.19E-33	Upper
161-01	1.632	-1.508	0.73	14	1989	9.12	9.08E-05	Middle
161-01	1.585	-1.617	0.73	21	1989	13.32	7.11E-07	Upper
161-02	1.816	-1.234	0.69	134	1975	156.53	3.13E-35	Middle
161-02	1.563	-1.688	0.65	140	1993	145.68	2.10E-33	Upper
161-03	1.392	-1.402	0.56	79	1983	115.31	1.91E-15	Lower
161-03	1.547	-1.656	0.72	76	1983	68.22	3.25E-22	Middle
161-03	1.468	-1.741	0.72	84	1983	68.65	2.63E-24	Upper
161-04	1.236	-0.329	0.67	46	1990	27.27	4.32E-12	Lower
161-04	1.869	-0.976	0.98	46	1990	1.94	2.23E-41	Middle
161-04	1.755	-1.097	0.98	50	1990	2.45	1.13E-42	Upper
161-05	1.003	-0.084	0.84	18	1980	3.83	7.67E-08	Lower
161-05	1.715	-1.145	0.99	19	1980	0.51	1.63E-19	Middle
161-05	1.590	-1.281	0.99	22	1980	0.45	3.59E-23	Upper
161-06	1.403	-1.388	0.95	90	1980	9.85	1.58E-60	Lower
161-06	1.347	-1.528	0.98	90	1980	4.23	1.03E-74	Middle
161-06	1.281	-1.603	0.99	99	1980	1.93	1.24E-97	Upper
161-08	1.380	-0.867	0.65	154	1980	158.70	7.02E-37	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
161-08	1.652	-1.539	0.85	153	1980	75.07	4.37E-64	Middle
161-08	1.578	-1.591	0.85	163	1980	72.38	8.87E-69	Upper
161-09	1.106	-0.562	0.53	135	1983	138.27	2.59E-23	Lower
161-09	1.681	-1.543	0.82	136	1983	77.83	9.27E-52	Middle
161-09	1.602	-1.598	0.82	143	1983	73.23	1.06E-54	Upper
162-01	1.237	-0.552	0.77	76	1981	39.07	2.06E-25	Lower
162-01	1.675	-1.137	0.98	78	1981	4.73	3.34E-67	Middle
162-01	1.559	-1.258	0.97	86	1975	6.21	5.64E-69	Upper
164-01	1.695	-1.148	0.99	9	1981	0.18	7.55E-09	Lower
164-01	1.534	-1.342	1.00	10	1981	0.06	5.00E-12	Middle
164-01	1.503	-1.316	0.97	14	1981	1.25	2.03E-10	Upper
165-04	1.361	-0.813	0.66	119	1972	101.16	5.85E-29	Lower
165-04	1.532	-1.524	0.78	123	1972	75.63	1.50E-41	Middle
165-04	1.418	-1.747	0.73	132	1972	86.73	4.25E-39	Upper
165-05	1.587	-0.912	0.82	17	1958	7.16	4.68E-07	Lower
165-05	1.672	-1.179	0.98	17	1958	0.92	1.19E-13	Middle
165-05	1.642	-1.211	0.99	21	1958	0.65	3.59E-19	Upper
166-01	1.245	-2.045	0.52	62	1995	60.19	3.56E-11	Upper
166-05	1.457	-1.800	0.90	10	1936	3.90	2.87E-05	Lower
166-05	1.286	-1.889	0.85	9	1936	3.56	4.50E-04	Middle
166-05	1.235	-1.935	0.85	15	1936	6.08	9.71E-07	Upper
167-01	0.482	0.279	0.63	32	1993	4.12	5.02E-08	Lower
167-01	1.364	-1.041	0.76	43	1961	24.87	2.95E-14	Upper
167-02	1.381	-1.449	0.96	96	1973	10.47	9.79E-68	Lower
167-02	1.319	-1.545	0.97	96	1963	6.62	5.63E-75	Middle
167-02	1.265	-1.596	0.97	105	1963	8.42	1.50E-77	Upper
167-03	1.513	-1.356	0.71	43	1983	39.20	1.69E-12	Lower
167-03	1.577	-1.620	0.81	42	1983	23.09	5.86E-16	Middle
167-03	1.546	-1.662	0.82	49	1983	24.45	3.76E-19	Upper
170-01	1.309	-1.782	0.65	120	1978	107.83	1.70E-28	Lower
170-01	1.232	-1.931	0.68	119	1978	82.76	1.67E-30	Middle
170-01	1.175	-1.990	0.68	126	1978	79.11	1.57E-32	Upper
170-02	1.553	-1.303	0.99	54	1989	1.52	1.74E-52	Lower
170-02	1.473	-1.389	0.99	51	1989	1.46	3.41E-48	Middle
170-02	1.414	-1.451	0.99	60	1989	1.53	7.66E-57	Upper
171-01	1.446	-0.638	0.81	129	1986	52.67	1.44E-47	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
171-01	1.578	-1.492	0.73	131	1986	99.48	1.93E-38	Middle
171-01	1.439	-1.704	0.70	135	1986	101.08	3.77E-36	Upper
171-02	0.748	-0.120	0.93	131	1995	3.38	1.08E-77	Lower
171-02	1.331	-0.978	0.65	127	1995	78.38	3.17E-30	Middle
171-02	1.517	-1.823	0.63	136	1995	118.86	1.34E-30	Upper
171-03	0.953	0.023	0.99	111	1986	1.43	4.65E-104	Lower
171-03	1.641	-0.721	0.88	113	1986	43.62	6.91E-53	Middle
171-03	1.759	-1.097	0.99	116	1986	3.96	1.17E-114	Upper
172-01	1.247	-1.360	0.51	136	1981	208.17	1.96E-22	Lower
172-01	1.462	-1.742	0.72	135	1981	110.94	5.36E-39	Middle
172-01	1.345	-1.847	0.73	142	1981	96.69	1.23E-41	Upper
172-30	1.378	-1.848	0.78	47	1970	31.95	3.43E-16	Lower
172-30	1.315	-1.926	0.77	49	1970	31.32	1.63E-16	Middle
172-30	1.231	-1.983	0.78	52	1970	27.41	3.72E-18	Upper
177-03	1.415	-1.243	0.81	199	1977	112.94	2.20E-72	Lower
177-03	1.483	-1.565	0.90	198	1977	54.31	5.12E-102	Middle
177-03	1.405	-1.668	0.89	212	1977	62.15	5.59E-101	Upper
177-04	0.912	-0.139	0.78	289	1971	56.52	1.02E-96	Lower
177-04	1.690	-1.078	0.90	290	1971	77.21	2.65E-146	Middle
177-04	1.380	-1.730	0.66	300	1992	247.82	4.43E-72	Upper
177-05	1.037	-0.223	0.77	280	1995	79.51	1.39E-89	Lower
177-05	1.501	-1.648	0.67	280	1995	270.34	2.09E-68	Middle
177-05	1.341	-1.860	0.65	289	1985	244.86	7.44E-67	Upper
178-02	1.583	-1.427	0.88	132	1980	52.27	1.89E-62	Lower
178-02	1.553	-1.531	0.91	133	1980	39.48	3.13E-69	Middle
178-02	1.482	-1.622	0.90	144	1973	39.28	4.69E-74	Upper
178-03	1.475	-1.512	0.77	162	1981	120.82	1.35E-53	Lower
178-03	1.455	-1.702	0.80	165	1977	100.58	1.27E-59	Middle
178-03	1.357	-1.786	0.80	176	1977	91.90	1.21E-63	Upper
185-01	1.390	-0.631	0.81	142	1971	75.65	4.57E-53	Lower
185-01	1.692	-1.167	1.00	144	1981	2.09	3.55E-171	Middle
185-01	1.576	-1.283	0.99	150	1980	4.32	1.12E-151	Upper
187-01	1.106	-2.069	0.55	133	1973	107.62	2.24E-24	Lower
187-01	1.091	-2.079	0.57	132	1978	99.37	2.86E-25	Middle
187-01	1.005	-2.152	0.56	137	1978	89.90	1.36E-25	Upper
187-02	1.437	-1.735	0.68	80	1983	73.11	5.16E-21	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
187-02	1.357	-1.842	0.68	83	1983	69.78	1.68E-21	Middle
187-02	1.253	-1.925	0.68	84	1983	59.57	6.87E-22	Upper
187-03	0.787	0.038	0.91	36	1982	2.03	4.20E-19	Lower
187-03	0.775	-0.089	0.91	33	1982	1.64	6.07E-18	Middle
187-03	1.039	-0.639	0.58	42	1982	29.09	5.51E-09	Upper
187-04	1.594	-1.080	0.76	228	1990	149.39	9.14E-73	Lower
187-04	1.590	-1.433	0.86	229	1990	79.17	1.89E-98	Middle
187-04	1.519	-1.497	0.86	237	1985	73.67	7.37E-103	Upper
188-01	0.723	-0.146	0.87	142	1990	8.42	5.89E-64	Lower
188-01	0.622	-0.232	0.76	144	1990	13.01	7.06E-46	Middle
188-01	0.912	-0.673	0.65	153	1989	50.70	2.69E-36	Upper
188-02	1.220	-0.962	0.58	104	1990	93.67	4.79E-21	Middle
188-02	1.550	-1.419	0.79	112	1984	59.24	2.40E-39	Upper
188-03	1.287	-1.991	0.53	118	1986	104.16	7.57E-21	Middle
188-03	1.261	-2.010	0.57	125	1986	93.89	1.71E-24	Upper
190-01	0.827	-0.241	0.61	143	1986	64.77	1.46E-30	Lower
190-01	1.392	-1.096	0.78	147	1983	80.91	3.93E-50	Middle
190-01	1.483	-1.486	0.89	152	1983	41.85	9.30E-74	Upper
190-02	0.765	-0.115	0.84	221	1984	19.86	5.28E-89	Lower
190-02	0.679	-0.201	0.78	222	1984	23.27	2.00E-73	Middle
190-02	1.201	-1.021	0.79	230	1986	70.09	3.38E-79	Upper
192-01	0.702	-0.184	0.87	73	1989	4.63	4.57E-33	Lower
192-01	0.627	-0.252	0.79	75	1989	6.54	1.15E-26	Middle
192-01	1.377	-1.133	0.84	79	1989	23.20	7.08E-33	Upper
193-01	1.072	-0.883	0.52	152	1991	169.07	8.35E-26	Lower
193-01	1.528	-1.478	0.82	154	1991	82.10	5.25E-59	Middle
193-01	1.495	-1.512	0.82	164	1979	83.77	1.76E-62	Upper
193-02	1.712	-1.368	0.75	97	1977	68.56	9.39E-31	Upper
193-04	0.614	0.071	0.65	83	1980	10.41	3.78E-20	Lower
193-04	1.528	-1.773	0.64	84	1980	69.79	1.21E-19	Middle
193-04	1.533	-1.843	0.69	88	1980	58.93	2.50E-23	Upper
193-05	0.496	0.125	0.70	57	1981	3.98	5.22E-16	Lower
193-05	0.676	-0.275	0.56	59	1981	14.34	1.09E-11	Middle
193-05	1.640	-1.767	0.75	62	1981	36.37	9.38E-20	Upper
193-06	0.832	0.101	0.84	25	1991	2.58	1.25E-10	Lower
193-06	0.905	-0.006	0.92	21	1991	1.06	5.54E-12	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
193-06	1.022	-0.547	0.65	31	1991	14.16	5.18E-08	Upper
194-01	1.365	-1.031	0.56	112	1989	144.08	2.13E-21	Lower
194-01	1.683	-1.471	0.83	110	1986	56.03	1.46E-43	Middle
194-01	1.640	-1.530	0.82	119	1986	60.87	8.68E-46	Upper
194-02	1.148	-0.666	0.53	279	1987	285.39	5.91E-48	Lower
194-02	1.752	-1.260	0.89	277	1986	92.47	4.15E-135	Middle
194-02	1.653	-1.362	0.88	290	1987	92.94	1.31E-136	Upper
194-03	1.203	-0.699	0.50	180	1986	239.76	7.14E-29	Lower
194-03	1.709	-1.412	0.85	183	1988	88.53	2.23E-76	Middle
194-03	1.520	-1.586	0.86	188	1986	67.12	6.20E-81	Upper
194-06	1.635	-1.578	0.87	153	1978	72.33	5.86E-68	Lower
194-06	1.596	-1.633	0.88	153	1978	62.75	1.27E-70	Middle
194-06	1.462	-1.758	0.87	162	1978	57.13	8.05E-74	Upper
194-07	1.528	-1.326	0.98	91	1974	5.54	2.07E-77	Lower
194-07	1.413	-1.450	0.98	86	1974	4.08	3.88E-75	Middle
194-07	1.316	-1.550	0.98	101	1984	5.09	9.12E-83	Upper
195-03	1.229	-2.055	0.52	62	1995	59.65	3.36E-11	Upper
196-01	0.513	0.323	0.61	90	1978	8.58	9.22E-20	Lower
196-01	0.634	0.043	0.72	88	1978	7.60	1.66E-25	Middle
196-02	1.710	-1.483	0.79	50	1989	29.85	7.38E-18	Middle
196-02	1.574	-1.574	0.80	57	1989	27.69	4.18E-21	Upper
196-03	1.519	-1.412	0.70	105	1983	105.98	1.43E-28	Lower
196-03	1.554	-1.587	0.77	102	1983	75.10	1.11E-33	Middle
196-03	1.418	-1.717	0.76	113	1983	71.95	3.98E-36	Upper
196-04	1.558	-1.253	0.68	130	1985	128.28	4.03E-33	Lower
196-04	1.669	-1.539	0.81	132	1985	71.43	3.52E-49	Middle
196-04	1.550	-1.632	0.81	136	1985	63.70	1.70E-50	Upper
198-02	0.851	-0.037	0.96	161	1993	4.31	8.39E-112	Lower
198-02	1.280	-0.740	0.67	157	1990	110.03	4.62E-39	Middle
198-02	1.597	-1.262	0.88	169	1978	49.40	3.72E-79	Upper
198-03	1.011	0.042	0.95	70	1982	5.07	1.43E-44	Lower
198-03	1.891	-0.958	1.00	71	1980	0.22	6.99E-110	Middle
198-03	1.665	-1.196	0.98	75	1982	6.41	1.97E-60	Upper
198-30	1.302	-0.601	0.64	32	1984	26.71	4.78E-08	Lower
198-30	1.672	-1.551	0.79	31	1984	19.32	3.34E-11	Middle
198-30	1.591	-1.585	0.82	38	1984	18.34	9.06E-15	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
199-01	0.371	0.020	0.51	97	1983	8.02	2.79E-16	Middle
199-02	0.614	0.033	0.80	141	1995	8.61	4.04E-50	Lower
199-02	0.633	-0.206	0.85	144	1995	6.65	9.36E-60	Middle
200-01	1.730	-0.855	0.79	19	1982	7.59	3.31E-07	Lower
200-01	1.738	-1.112	0.98	22	1982	0.70	1.98E-19	Middle
200-01	1.712	-1.139	0.99	23	1982	0.63	4.93E-21	Upper
200-02	0.939	-0.208	0.82	101	1983	23.72	3.77E-39	Lower
200-02	1.628	-1.217	0.96	104	1983	12.92	3.01E-75	Middle
200-02	1.482	-1.375	0.96	108	1983	13.64	1.46E-73	Upper
201-03	0.628	-0.240	0.86	116	1987	8.75	2.20E-51	Lower
201-03	1.293	-1.286	0.87	113	1987	35.59	2.09E-50	Middle
201-03	1.268	-1.470	0.90	126	1957	26.64	2.56E-64	Upper
203-01	0.808	0.252	0.81	31	1995	2.63	5.12E-12	Lower
203-01	0.867	-0.031	0.93	32	1995	1.03	1.19E-18	Middle
203-02	0.967	-0.580	0.51	136	1980	144.94	1.10E-22	Lower
203-02	1.583	-1.480	0.84	139	1980	77.91	1.74E-56	Middle
203-02	1.482	-1.569	0.85	150	1987	68.05	9.75E-63	Upper
203-03	1.229	-1.240	0.55	93	1961	112.90	1.99E-17	Lower
203-03	1.360	-1.720	0.73	93	1961	63.06	1.54E-27	Middle
203-03	1.327	-1.746	0.75	107	1961	64.03	1.70E-33	Upper
203-04	0.804	-0.055	0.88	16	1990	0.90	6.30E-08	Lower
203-04	0.640	-0.196	0.77	19	1990	1.40	8.94E-07	Middle
203-04	0.788	-0.525	0.63	22	1990	5.19	1.06E-05	Upper
204-01	1.508	-1.255	0.94	143	1983	19.22	7.12E-87	Lower
204-01	1.470	-1.351	0.94	142	1983	18.36	2.43E-85	Middle
204-01	1.414	-1.412	0.93	149	1983	19.54	3.15E-87	Upper
204-02	1.661	-1.064	0.96	46	1983	6.04	7.98E-32	Lower
204-02	1.722	-1.137	0.99	45	1983	1.13	5.63E-47	Middle
204-02	1.604	-1.252	0.97	51	1983	4.06	1.47E-39	Upper
204-03	1.436	-1.061	0.88	106	1992	27.63	2.13E-50	Lower
204-03	1.457	-1.312	0.93	109	1981	15.86	8.84E-65	Middle
204-03	1.356	-1.426	0.94	117	1981	11.75	8.00E-74	Upper
204-04	1.319	-0.720	0.78	14	1992	6.22	2.98E-05	Lower
204-04	1.741	-1.056	0.95	14	1992	1.82	2.34E-09	Middle
204-04	1.553	-1.233	0.95	20	1992	2.27	7.66E-13	Upper
205-02	1.562	-1.236	0.72	72	1982	64.30	4.07E-21	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
205-02	1.643	-1.574	0.83	74	1982	38.79	9.77E-30	Middle
205-02	1.572	-1.637	0.82	77	1982	39.59	1.52E-29	Upper
205-03	0.819	-0.084	0.96	116	1988	2.43	2.71E-81	Lower
205-03	0.721	-0.158	0.89	114	1988	5.24	1.13E-55	Middle
205-03	1.003	-0.744	0.72	122	1988	35.94	1.51E-34	Upper
206-01	1.398	-1.510	0.74	235	1963	217.62	5.67E-70	Lower
206-01	1.389	-1.861	0.80	234	1963	146.95	2.75E-84	Middle
206-01	1.350	-1.896	0.80	240	1963	143.45	6.20E-86	Upper
207-01	0.738	0.011	0.88	130	1995	8.26	6.46E-62	Lower
207-01	1.604	-0.960	0.89	131	1995	36.50	4.02E-64	Middle
207-01	1.513	-1.421	0.82	137	1984	62.41	1.11E-51	Upper
207-02	1.718	-1.037	0.97	84	1986	9.04	3.77E-63	Lower
207-02	1.649	-1.212	0.99	86	1986	2.75	6.99E-85	Middle
207-02	1.536	-1.334	0.99	89	1986	3.25	9.70E-83	Upper
207-03	1.558	-1.481	0.79	38	1981	25.84	1.22E-13	Lower
207-03	1.484	-1.731	0.82	36	1981	18.12	3.70E-14	Middle
207-03	1.465	-1.766	0.81	45	1981	23.04	4.24E-17	Upper
207-05	1.731	-1.132	1.00	6	1982	0.00	8.31E-12	Lower
207-05	1.602	-1.251	0.97	10	1982	1.02	2.53E-07	Middle
207-05	1.434	-1.430	0.96	12	1982	1.16	2.08E-08	Upper
207-06	1.726	-1.124	0.98	35	1982	1.76	1.97E-31	Lower
207-06	1.631	-1.212	0.97	37	1985	3.14	1.87E-28	Middle
207-06	1.540	-1.307	0.96	42	1985	4.54	3.72E-29	Upper
207-08	1.446	-0.996	0.88	16	1987	4.89	9.11E-08	Lower
207-08	1.525	-1.282	0.93	19	1987	3.12	2.70E-11	Middle
207-08	1.468	-1.363	0.95	21	1987	2.33	7.11E-14	Upper
207-09	1.009	-0.256	0.74	136	1983	40.02	3.25E-41	Lower
207-09	1.671	-1.112	0.90	137	1983	36.00	1.32E-68	Middle
207-09	1.481	-1.645	0.72	142	1983	101.66	3.91E-40	Upper
208-01	1.229	-0.423	0.83	22	1982	7.78	3.78E-09	Lower
208-01	1.706	-1.159	1.00	21	1982	0.01	1.77E-37	Middle
208-01	1.650	-1.218	0.99	25	1982	0.42	1.48E-27	Upper
208-02	1.561	-1.314	1.00	7	1975	0.04	2.49E-08	Lower
208-02	1.422	-1.456	0.98	8	1975	0.36	1.12E-06	Middle
208-02	1.324	-1.561	0.98	11	1975	0.46	2.43E-09	Upper
208-30	0.780	-0.085	0.85	49	1991	3.97	2.96E-21	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
208-30	1.171	-0.553	0.71	46	1991	19.83	2.15E-13	Middle
208-30	1.625	-1.143	0.93	54	1991	8.29	1.32E-31	Upper
210-01	1.347	-0.775	0.83	81	1985	29.79	7.64E-32	Lower
210-01	1.582	-1.244	0.95	78	1985	10.63	4.11E-50	Middle
210-01	1.478	-1.352	0.94	90	1985	11.09	9.16E-57	Upper
210-02	0.718	-0.127	0.82	89	1991	7.40	1.02E-33	Lower
210-02	0.819	-0.396	0.66	91	1991	21.86	2.28E-22	Middle
210-02	1.537	-1.213	0.93	95	1991	11.81	1.00E-55	Upper
211-01	1.791	-1.068	1.00	25	1979	0.17	4.92E-33	Lower
211-01	1.681	-1.173	1.00	25	1979	0.39	4.45E-28	Middle
211-01	1.594	-1.267	0.99	29	1979	0.51	1.07E-31	Upper
211-02	1.357	-1.538	0.98	73	1952	5.09	5.54E-59	Lower
211-02	1.264	-1.637	0.97	69	1952	4.31	2.57E-55	Middle
211-02	1.154	-1.750	0.98	81	1954	3.11	1.96E-69	Upper
211-03	0.590	-0.078	0.83	81	1955	7.69	2.91E-32	Lower
211-03	1.220	-1.190	0.76	83	1955	52.56	1.35E-26	Middle
211-03	1.150	-1.977	0.84	87	1955	30.45	1.32E-35	Upper
211-04	1.306	-1.586	0.99	22	1962	0.78	3.23E-20	Lower
211-04	1.281	-1.608	0.98	19	1962	1.01	1.06E-15	Middle
211-04	1.218	-1.677	0.98	27	1962	1.15	5.73E-23	Upper
213-02	1.544	-1.333	1.00	5	1976	0.02	1.25E-05	Lower
213-02	1.553	-1.323	1.00	6	1976	0.02	3.54E-07	Middle
213-02	1.503	-1.377	1.00	8	1976	0.12	3.40E-08	Upper
213-04	1.602	-1.633	0.83	41	1980	21.77	1.42E-16	Lower
213-04	1.460	-1.739	0.82	41	1980	19.16	4.18E-16	Middle
213-04	1.436	-1.769	0.82	47	1980	21.00	1.49E-18	Upper
213-05	1.598	-1.257	0.97	41	1982	3.56	4.33E-32	Lower
213-05	1.502	-1.361	0.97	44	1982	3.21	1.35E-34	Middle
213-05	1.398	-1.473	0.97	47	1982	3.62	4.19E-35	Upper
213-06	1.379	-1.768	0.62	38	1987	35.73	4.11E-09	Middle
213-06	1.301	-1.860	0.63	45	1987	37.28	9.77E-11	Upper
213-08	1.518	-1.351	0.99	45	1983	1.78	5.84E-42	Lower
213-08	1.421	-1.455	0.99	45	1983	1.53	8.28E-42	Middle
213-08	1.341	-1.543	0.99	51	1983	0.97	2.16E-52	Upper
214-01	1.493	-1.389	1.00	65	1982	0.18	4.56E-100	Lower
214-01	1.456	-1.426	1.00	64	1965	0.39	5.32E-87	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
214-01	1.355	-1.536	0.99	71	1965	1.38	2.93E-77	Upper
215-01	1.611	-1.246	0.98	72	1983	4.95	2.01E-59	Lower
215-01	1.511	-1.354	0.98	72	1983	4.44	2.20E-59	Middle
215-01	1.413	-1.463	0.98	78	1983	3.18	2.42E-68	Upper
216-01	1.396	-1.039	0.89	73	1978	21.13	7.67E-36	Lower
216-01	1.520	-1.338	0.97	74	1978	5.58	3.98E-58	Middle
216-01	1.458	-1.405	0.97	78	1978	6.66	2.56E-58	Upper
216-02	1.450	-1.412	0.98	4	1982	0.16	9.35E-03	Lower
216-02	1.346	-1.544	1.00	4	1982	0.02	1.05E-03	Middle
216-02	1.369	-1.496	0.98	9	1982	0.38	6.63E-07	Upper
217-01	1.601	-1.270	0.99	35	1989	0.94	7.17E-36	Lower
217-01	1.534	-1.344	0.99	36	1989	0.71	1.83E-38	Middle
217-01	1.458	-1.418	0.99	41	1989	1.10	2.74E-40	Upper
217-02	1.464	-1.127	0.90	52	1983	15.78	1.57E-26	Lower
217-02	1.475	-1.400	0.99	50	1983	1.92	3.01E-46	Middle
217-02	1.412	-1.465	0.98	59	1983	3.01	3.09E-50	Upper
218-01	1.615	-1.251	0.99	54	1983	1.68	6.34E-54	Lower
218-01	1.541	-1.328	0.98	53	1983	3.35	3.04E-44	Middle
218-01	1.476	-1.393	0.97	61	1983	5.18	3.96E-46	Upper
218-30	1.063	-0.632	0.79	18	1982	5.82	8.14E-07	Lower
218-30	1.494	-1.363	0.97	20	1982	1.60	1.37E-14	Middle
218-30	1.387	-1.472	0.96	24	1982	2.05	1.24E-16	Upper
219-01	1.666	-1.206	1.00	63	1979	0.57	1.06E-80	Lower
219-01	1.576	-1.294	0.99	65	1979	1.20	3.24E-72	Middle
219-01	1.490	-1.380	0.97	67	1979	5.16	7.53E-53	Upper
219-02	1.482	-1.377	0.85	154	1982	71.79	4.57E-64	Lower
219-02	1.428	-1.574	0.85	155	1982	64.92	2.20E-65	Middle
219-02	1.347	-1.646	0.85	171	1983	63.36	3.94E-72	Upper
219-03	1.273	-1.929	0.66	82	1977	65.82	1.42E-20	Lower
219-03	1.206	-1.979	0.66	83	1977	60.05	9.40E-21	Middle
219-03	1.182	-2.010	0.69	89	1977	57.30	7.30E-24	Upper
219-04	1.619	-1.399	0.87	51	1985	21.94	3.27E-23	Lower
219-04	1.524	-1.488	0.86	52	1985	20.51	2.80E-23	Middle
219-04	1.446	-1.593	0.85	57	1985	21.77	1.71E-24	Upper
219-05	1.596	-1.135	0.95	180	1985	23.18	7.71E-115	Lower
219-05	1.540	-1.285	0.96	181	1982	17.02	8.92E-124	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
219-05	1.435	-1.400	0.95	189	1985	18.54	3.02E-122	Upper
219-07	1.366	-0.446	0.73	141	1984	71.12	6.87E-41	Lower
219-07	1.607	-1.328	0.75	141	1984	88.30	2.72E-43	Middle
219-07	1.272	-1.830	0.59	146	1984	120.15	1.51E-29	Upper
219-08	0.603	0.136	0.83	50	1981	2.28	4.63E-20	Lower
219-08	1.697	-1.689	0.74	55	1981	34.17	4.82E-17	Upper
219-30	1.298	-1.452	0.78	77	1962	46.72	1.33E-26	Lower
219-30	1.346	-1.765	0.88	78	1962	25.55	2.01E-36	Middle
219-30	1.272	-1.831	0.88	89	1962	24.95	2.76E-42	Upper
221-01	0.648	0.185	0.76	46	1995	4.19	3.61E-15	Lower
221-01	0.721	-0.096	0.83	46	1995	3.31	1.02E-18	Middle
221-02	0.593	0.145	0.73	38	1995	2.99	6.36E-12	Lower
221-02	0.641	-0.069	0.78	40	1995	2.80	3.52E-14	Middle
221-02	0.706	-0.313	0.69	43	1995	6.01	6.40E-12	Upper
223-03	1.625	-0.955	0.70	108	1990	96.70	8.41E-30	Lower
223-03	1.593	-1.536	0.70	111	1990	100.29	5.31E-30	Middle
223-03	1.532	-1.598	0.71	121	1990	96.13	1.47E-33	Upper
224-01	1.533	-1.321	0.98	89	1978	4.11	4.32E-78	Lower
224-01	1.477	-1.386	0.98	86	1978	4.20	1.64E-73	Middle
224-01	1.360	-1.507	0.97	98	1978	5.84	3.50E-75	Upper
224-02	1.474	-1.661	0.82	89	1979	51.28	5.61E-34	Lower
224-02	1.393	-1.750	0.82	95	1981	48.73	4.06E-36	Middle
224-02	1.312	-1.819	0.82	98	1981	42.52	4.27E-38	Upper
226-01	1.142	-0.114	0.61	41	1979	25.11	2.00E-09	Lower
226-01	1.673	-1.235	0.76	39	1979	25.78	5.13E-13	Middle
226-01	1.492	-1.670	0.73	46	1979	29.13	3.92E-14	Upper
227-03	1.647	-1.205	0.98	28	1987	1.07	3.18E-25	Lower
227-03	1.514	-1.353	0.99	29	1987	0.57	2.01E-29	Middle
227-03	1.423	-1.451	0.99	33	1987	0.65	3.79E-32	Upper
228-04	1.420	-0.561	0.69	62	1984	42.40	4.67E-17	Lower
228-04	1.685	-1.467	0.79	59	1984	34.68	5.24E-21	Middle
228-04	1.575	-1.582	0.78	67	1984	35.52	3.85E-23	Upper
228-05	1.433	-1.747	0.56	17	1988	14.24	5.49E-04	Lower
228-05	1.343	-1.801	0.68	16	1988	8.58	7.81E-05	Middle
228-05	1.133	-2.026	0.61	20	1988	9.59	5.28E-05	Upper
228-06	1.537	-1.396	0.59	144	1988	150.42	6.03E-29	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
228-06	1.393	-1.777	0.67	142	1988	86.01	1.84E-35	Middle
228-06	1.270	-1.886	0.67	149	1988	74.71	2.18E-37	Upper
230-02	0.799	-0.046	0.90	57	1980	2.78	1.90E-29	Lower
230-02	1.110	-0.479	0.69	55	1980	21.21	3.14E-15	Middle
230-02	1.693	-1.106	0.97	61	1980	4.36	6.55E-45	Upper
230-03	1.696	-1.453	0.79	85	1979	70.48	6.88E-30	Lower
230-03	1.614	-1.622	0.80	83	1979	59.90	1.26E-29	Middle
230-03	1.467	-1.730	0.79	94	1979	56.90	8.60E-33	Upper
230-05	1.592	-1.265	0.99	88	1993	3.26	5.72E-84	Lower
230-05	1.479	-1.408	0.97	90	1984	6.45	8.91E-71	Middle
230-05	1.413	-1.461	0.97	100	1984	8.18	2.77E-73	Upper
232-01	1.517	-1.701	0.69	132	1995	133.49	1.19E-34	Lower
232-01	1.387	-1.822	0.69	130	1995	106.80	1.10E-34	Middle
232-01	1.321	-1.874	0.71	142	1980	97.47	1.02E-39	Upper
232-30	1.513	-1.642	0.68	116	1987	113.60	7.32E-30	Lower
232-30	1.429	-1.757	0.70	115	1987	92.76	3.98E-31	Middle
232-30	1.332	-1.854	0.69	120	1987	87.04	1.20E-31	Upper
232-31	1.531	-1.628	0.74	16	1986	12.82	2.17E-05	Lower
232-31	1.421	-1.803	0.69	17	1986	14.29	3.70E-05	Middle
232-31	1.397	-1.779	0.73	21	1986	13.77	6.91E-07	Upper
236-01	1.510	-1.711	0.81	65	1979	33.54	1.35E-24	Lower
236-01	1.465	-1.741	0.80	64	1979	32.84	2.75E-23	Middle
236-01	1.427	-1.779	0.81	71	1979	32.87	1.02E-26	Upper
236-02	0.695	-0.074	0.84	53	1994	4.96	9.45E-22	Lower
236-02	1.152	-0.644	0.71	52	1991	28.29	6.76E-15	Middle
236-02	1.468	-1.225	0.87	64	1981	18.52	1.16E-29	Upper
238-01	1.578	-1.297	1.00	5	1976	0.00	9.60E-48	Lower
238-01	1.471	-1.405	0.98	9	1976	0.43	1.35E-07	Middle
238-01	1.364	-1.521	0.98	9	1976	0.43	2.12E-07	Upper
238-02	1.168	-0.817	0.82	68	1991	21.90	4.42E-26	Lower
238-02	1.452	-1.408	0.97	68	1981	4.74	2.33E-52	Middle
238-02	1.346	-1.491	0.96	76	1981	6.04	6.60E-53	Upper
238-03	0.960	-0.279	0.74	11	1984	3.45	7.05E-04	Lower
238-03	1.725	-1.087	0.97	12	1984	1.03	5.50E-09	Middle
238-03	1.626	-1.177	0.96	15	1984	1.47	9.96E-11	Upper
239-31	0.751	-0.164	0.91	58	1988	2.71	1.62E-31	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
239-31	1.347	-0.972	0.85	57	1988	15.56	2.23E-24	Middle
239-31	1.479	-1.368	0.98	63	1988	2.59	8.78E-53	Upper
240-03	1.493	-1.372	0.98	100	1978	5.33	6.41E-85	Lower
240-03	1.428	-1.440	0.97	97	1978	5.90	9.65E-78	Middle
240-03	1.334	-1.542	0.97	106	1978	6.21	1.09E-82	Upper
241-03	1.686	-1.146	0.99	49	1990	1.71	5.72E-45	Lower
241-03	1.576	-1.260	0.98	49	1990	1.94	2.48E-42	Middle
241-03	1.471	-1.370	0.98	54	1990	2.48	2.15E-43	Upper
243-01	1.087	-0.643	0.81	96	1973	37.99	1.13E-35	Lower
243-01	1.432	-1.442	0.97	95	1973	7.96	6.31E-74	Middle
243-01	1.300	-1.585	0.97	101	1973	6.42	2.37E-80	Upper
243-02	1.383	-1.500	0.99	65	1979	2.18	7.11E-61	Lower
243-02	1.308	-1.581	0.99	62	1970	2.07	4.91E-57	Middle
243-02	1.225	-1.667	0.98	75	1970	2.15	5.40E-68	Upper
244-01	1.564	-1.405	0.91	55	1985	15.82	5.14E-30	Lower
244-01	1.428	-1.514	0.95	56	1985	8.37	5.94E-36	Middle
244-01	1.314	-1.677	0.91	63	1985	12.81	2.68E-34	Upper
247-01	1.275	-1.904	0.67	75	1983	41.23	2.46E-19	Lower
247-01	1.170	-2.000	0.67	74	1983	34.07	3.40E-19	Middle
247-01	1.131	-2.034	0.70	79	1983	31.60	7.06E-22	Upper
247-02	0.980	-2.161	0.51	39	1982	17.47	2.77E-07	Lower
247-02	1.034	-2.107	0.58	41	1982	17.39	6.99E-09	Middle
247-02	0.943	-2.199	0.56	42	1982	15.76	1.05E-08	Upper
247-30	1.542	-1.323	0.99	9	1990	0.28	6.01E-08	Lower
247-30	1.480	-1.387	0.99	9	1990	0.29	8.38E-08	Middle
247-30	1.445	-1.423	0.99	13	1990	0.34	4.71E-12	Upper
249-90	1.495	-1.170	0.94	52	1970	11.85	5.24E-32	Lower
249-90	1.513	-1.366	1.00	52	1970	0.94	3.27E-59	Middle
249-90	1.364	-1.525	0.99	57	1970	1.68	8.51E-57	Upper
250-01	1.688	-1.151	0.96	8	1986	0.46	1.81E-05	Lower
250-01	1.436	-1.362	0.95	18	1988	0.94	1.05E-11	Upper
250-03	1.764	-1.070	0.97	116	1989	11.59	2.64E-85	Lower
250-03	1.641	-1.209	0.97	116	1989	8.71	1.18E-88	Middle
250-03	1.479	-1.385	0.99	121	1989	3.58	1.19E-110	Upper
250-04	1.553	-1.319	0.99	81	1986	1.52	4.26E-88	Lower
250-04	1.434	-1.448	1.00	79	1986	0.66	9.44E-97	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
250-04	1.394	-1.489	1.00	88	1986	0.80	3.48E-105	Upper
251-01	1.636	-1.232	0.99	89	1981	2.37	2.90E-90	Lower
251-01	1.539	-1.343	0.99	87	1985	1.34	3.40E-96	Middle
251-01	1.416	-1.469	0.99	96	1985	1.41	3.83E-103	Upper
251-02	1.702	-1.550	0.65	158	1985	169.88	2.52E-37	Lower
251-02	1.587	-1.656	0.64	159	1993	151.39	6.22E-37	Middle
251-02	1.507	-1.717	0.66	166	1993	135.80	9.10E-40	Upper
252-02	1.477	-1.675	0.70	31	1987	25.39	4.16E-09	Lower
252-02	1.417	-1.716	0.73	34	1987	22.65	1.24E-10	Middle
252-02	1.403	-1.754	0.73	40	1993	25.09	2.15E-12	Upper
252-03	1.596	-1.258	0.99	77	1990	2.60	1.22E-72	Lower
252-03	1.487	-1.374	0.99	78	1990	1.92	6.22E-76	Middle
252-03	1.422	-1.446	0.99	82	1990	1.63	3.07E-82	Upper
253-03	1.318	-1.899	0.69	20	1975	16.44	5.88E-06	Lower
253-03	1.293	-1.895	0.69	21	1975	16.12	2.92E-06	Middle
253-03	1.223	-2.002	0.73	25	1975	15.46	5.43E-08	Upper
253-04	1.344	-1.725	0.63	78	1994	82.54	5.62E-18	Lower
253-04	1.330	-1.833	0.68	82	1982	67.12	2.90E-21	Middle
253-04	1.280	-1.918	0.69	87	1982	61.89	2.45E-23	Upper
254-02	0.788	-0.117	0.93	70	1989	2.85	1.61E-41	Lower
254-02	0.731	-0.171	0.86	70	1989	5.35	5.12E-31	Middle
254-02	0.671	-0.220	0.78	75	1989	8.73	1.56E-25	Upper
254-03	1.536	-1.535	0.87	106	1989	41.19	2.40E-47	Lower
254-03	1.429	-1.638	0.87	107	1977	35.08	1.63E-48	Middle
254-03	1.350	-1.711	0.87	115	1975	34.82	2.19E-51	Upper
254-04	1.642	-1.555	0.78	22	1985	13.85	5.09E-08	Lower
254-04	1.483	-1.724	0.70	22	1985	14.43	1.05E-06	Middle
254-04	1.510	-1.681	0.79	27	1985	14.11	7.36E-10	Upper
254-05	1.609	-1.505	0.80	214	1985	139.78	2.68E-75	Middle
254-05	1.509	-1.603	0.79	228	1989	137.73	4.41E-78	Upper
254-06	0.873	-0.060	0.97	113	1981	2.63	9.96E-85	Lower
254-06	1.560	-1.224	0.76	113	1981	78.92	1.67E-36	Middle
254-06	1.405	-1.765	0.70	118	1981	93.58	9.81E-32	Upper
254-07	1.674	-0.679	0.86	79	1990	30.30	3.56E-34	Lower
254-07	1.786	-1.062	1.00	80	1990	0.91	7.36E-94	Middle
254-07	1.703	-1.148	0.99	83	1990	1.53	3.04E-87	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
255-02	1.490	-1.383	0.99	31	1975	1.23	4.67E-28	Lower
255-02	1.393	-1.487	0.98	36	1975	1.35	6.95E-32	Middle
255-02	1.289	-1.598	0.98	42	1976	1.48	1.53E-35	Upper
255-30	1.163	-1.745	1.00	10	1956	0.00	1.50E-17	Lower
255-30	1.169	-1.699	0.97	15	1956	1.15	5.55E-11	Upper
256-02	1.532	-0.859	0.88	54	1985	22.23	3.42E-25	Lower
256-02	1.658	-1.204	0.99	54	1955	1.13	2.48E-59	Middle
256-02	1.532	-1.331	0.99	63	1980	2.46	2.67E-59	Upper
256-03	1.063	0.169	0.97	37	1992	0.66	1.36E-29	Lower
256-03	1.043	0.136	0.96	40	1992	1.21	1.32E-27	Middle
256-03	0.980	0.091	0.91	41	1992	2.63	1.03E-21	Upper
256-04	1.036	-0.423	0.83	99	1974	25.48	1.49E-38	Lower
256-04	1.498	-1.359	0.98	99	1974	5.82	4.25E-81	Middle
256-04	1.393	-1.450	0.94	110	1985	13.49	9.96E-70	Upper
256-05	1.616	-1.241	0.98	94	1984	4.47	2.86E-85	Lower
256-05	1.511	-1.357	0.99	92	1984	2.28	2.63E-93	Middle
256-05	1.389	-1.489	0.99	101	1984	2.83	4.11E-96	Upper
256-06	1.544	-1.323	0.99	17	1981	0.49	2.61E-16	Lower
256-06	1.473	-1.402	0.99	17	1981	0.51	3.75E-16	Middle
256-06	1.364	-1.517	0.99	21	1981	0.63	4.31E-19	Upper
258-01	1.551	-1.327	1.00	7	1981	0.03	1.99E-08	Lower
258-01	1.381	-1.511	0.99	10	1981	0.13	2.01E-10	Middle
258-01	1.285	-1.612	1.00	11	1981	0.02	5.44E-15	Upper
259-01	1.411	-1.210	0.62	202	1973	208.57	8.91E-44	Lower
259-01	1.455	-1.677	0.75	202	1973	118.61	8.33E-63	Middle
259-01	1.385	-1.740	0.75	207	1973	109.60	2.77E-64	Upper
260-01	1.584	-1.663	0.80	155	1977	112.38	3.30E-55	Lower
260-01	1.502	-1.718	0.80	156	1977	100.07	6.94E-56	Middle
260-01	1.437	-1.783	0.79	161	1977	100.71	9.31E-56	Upper
260-02	1.215	-1.164	0.53	135	1978	194.93	2.10E-23	Lower
260-02	1.517	-1.694	0.80	137	1978	84.83	1.25E-49	Middle
260-02	1.387	-1.824	0.80	144	1978	76.80	5.47E-51	Upper
260-03	1.466	-0.742	0.85	134	1979	65.90	1.15E-56	Lower
260-03	1.571	-1.304	1.00	132	1979	0.72	1.85E-182	Middle
260-03	1.431	-1.452	0.99	138	1979	2.21	2.29E-153	Upper
260-04	1.329	-1.704	0.55	87	1979	111.56	2.53E-16	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
260-04	1.393	-1.814	0.63	89	1979	90.65	1.07E-20	Middle
260-04	1.328	-1.868	0.63	93	1979	87.27	2.62E-21	Upper
260-05	1.233	-0.824	0.79	62	1989	24.94	3.37E-22	Lower
260-05	1.508	-1.331	0.97	61	1989	4.41	3.24E-46	Middle
260-05	1.448	-1.403	0.98	68	1989	2.95	1.76E-57	Upper
260-06	0.688	-0.129	0.84	26	1995	1.61	3.39E-11	Lower
260-06	1.415	-1.283	0.62	26	1995	22.18	1.56E-06	Middle
260-06	1.295	-2.024	0.56	31	1995	28.63	1.20E-06	Upper
260-07	0.733	0.060	0.76	146	1995	18.95	7.62E-46	Lower
260-07	1.676	-1.205	0.79	146	1985	79.60	5.38E-51	Middle
260-07	1.384	-1.795	0.63	154	1985	129.85	1.47E-34	Upper
260-08	1.110	-0.756	0.77	34	1986	12.89	1.32E-11	Lower
260-08	1.497	-1.312	0.93	36	1986	5.73	1.98E-21	Middle
260-08	1.420	-1.412	0.95	40	1986	4.19	3.41E-26	Upper
261-01	1.006	-0.603	0.56	169	1986	132.87	1.28E-31	Lower
261-01	1.599	-1.440	0.88	172	1986	59.65	8.19E-80	Middle
261-01	1.510	-1.525	0.88	179	1988	52.67	3.34E-84	Upper
261-02	1.802	-1.284	0.74	157	1992	124.31	7.27E-47	Middle
261-02	1.749	-1.397	0.78	166	1992	99.82	3.75E-56	Upper
261-06	1.724	-1.647	0.62	29	1993	35.42	3.77E-07	Lower
261-06	1.594	-1.758	0.62	32	1993	34.46	8.45E-08	Middle
261-06	1.544	-1.771	0.63	35	1993	32.77	1.57E-08	Upper
262-03	0.993	-0.582	0.53	58	1974	50.38	8.34E-11	Lower
262-03	1.569	-1.406	0.82	63	1989	34.03	2.44E-24	Middle
262-03	1.493	-1.518	0.84	71	1989	30.27	8.44E-29	Upper
262-04	1.435	-1.477	0.63	130	1974	148.92	2.56E-29	Middle
262-04	1.573	-1.670	0.79	138	1974	89.51	2.86E-47	Upper
262-05	1.520	-1.355	0.99	30	1991	0.53	6.02E-31	Lower
262-05	1.465	-1.413	0.99	32	1991	0.46	7.15E-34	Middle
262-05	1.421	-1.460	0.99	35	1991	0.43	1.58E-38	Upper
262-06	1.486	-1.875	0.62	51	1994	42.13	5.22E-12	Lower
262-06	1.441	-1.922	0.67	51	1994	34.18	1.71E-13	Middle
262-06	1.408	-1.927	0.65	57	1994	38.23	2.64E-14	Upper
262-07	1.486	-1.825	0.65	30	1994	22.61	6.84E-08	Lower
262-07	1.413	-1.901	0.66	32	1994	22.04	1.72E-08	Middle
262-07	1.479	-1.822	0.70	37	1994	23.98	1.14E-10	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
262-30	1.302	-1.369	0.56	65	1979	92.42	8.10E-13	Middle
262-30	1.527	-1.695	0.76	69	1979	54.56	1.88E-22	Upper
263-01	1.391	-1.786	0.69	124	1988	77.88	9.90E-33	Middle
263-01	1.343	-1.842	0.71	132	1988	72.11	4.06E-37	Upper
263-02	0.875	-0.349	0.71	65	1986	21.89	1.79E-18	Lower
263-02	1.558	-1.270	0.94	66	1986	10.34	3.16E-41	Middle
263-02	1.504	-1.334	0.95	71	1986	9.48	1.03E-45	Upper
263-03	1.564	-1.657	0.79	42	1982	24.95	5.09E-15	Middle
263-03	1.436	-1.802	0.77	46	1982	24.31	8.75E-16	Upper
263-04	1.403	-1.421	0.96	120	1992	12.24	1.34E-85	Lower
263-04	1.332	-1.502	0.96	118	1992	11.90	8.98E-82	Middle
263-04	1.270	-1.554	0.95	132	1965	13.51	2.22E-87	Upper
263-05	0.793	-0.096	0.90	46	1989	2.59	9.56E-24	Lower
263-05	0.755	-0.141	0.88	46	1989	2.84	2.83E-22	Middle
263-05	1.034	-0.673	0.70	52	1989	19.13	1.09E-14	Upper
263-06	1.196	-1.709	0.99	76	1952	1.06	3.79E-85	Lower
263-06	1.126	-1.784	1.00	77	1952	0.07	3.15E-128	Middle
263-06	1.094	-1.819	1.00	81	1952	0.05	2.09E-141	Upper
265-01	1.495	-1.383	0.99	24	1981	0.71	6.93E-24	Lower
265-01	1.406	-1.473	0.99	24	1976	0.99	9.55E-22	Middle
265-01	1.325	-1.557	0.98	34	1976	1.85	5.25E-28	Upper
265-02	1.488	-1.060	0.91	23	1978	7.06	2.14E-12	Lower
265-02	1.531	-1.346	0.99	25	1978	0.45	1.63E-27	Middle
265-02	1.407	-1.476	0.98	27	1978	1.22	7.84E-24	Upper
266-01	1.321	-0.872	0.58	22	1979	20.47	3.76E-05	Lower
266-01	1.212	-1.932	0.72	20	1979	8.67	2.59E-06	Middle
266-01	1.357	-1.765	0.81	31	1979	13.45	5.87E-12	Upper
266-02	1.436	-1.415	0.97	49	1991	4.51	1.96E-36	Lower
266-02	1.354	-1.512	0.98	51	1980	2.59	5.44E-43	Middle
266-02	1.332	-1.532	0.98	56	1980	2.72	5.21E-47	Upper
266-03	1.026	-0.224	0.79	10	1979	3.65	6.20E-04	Lower
266-03	1.759	-1.100	0.99	11	1979	0.40	2.11E-10	Middle
266-03	1.508	-1.332	0.98	15	1979	0.94	4.54E-12	Upper
268-01	1.405	-1.444	0.89	88	1981	22.32	2.87E-43	Lower
268-01	1.367	-1.540	0.95	89	1981	9.14	2.26E-59	Middle
268-01	1.319	-1.608	0.92	95	1981	16.31	3.01E-52	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
268-02	1.490	-0.966	0.79	50	1992	25.96	8.44E-18	Lower
268-02	1.622	-1.214	0.97	50	1992	3.35	3.98E-39	Middle
268-02	1.565	-1.312	0.89	57	1992	14.42	2.19E-28	Upper
268-03	1.705	-1.160	1.00	13	1967	0.00	9.17E-172	Lower
268-03	1.566	-1.310	1.00	16	1967	0.02	2.17E-22	Middle
268-03	1.621	-1.242	0.99	17	1967	0.32	5.35E-16	Upper
269-02	1.135	-2.065	0.59	52	1966	41.57	3.69E-11	Middle
269-02	1.230	-1.941	0.66	61	1977	45.04	1.41E-15	Upper
269-03	1.490	-1.444	0.67	16	1977	10.94	1.02E-04	Lower
269-03	1.238	-1.867	0.59	21	1977	16.92	5.12E-05	Upper
269-04	1.089	-0.681	0.74	39	1983	19.57	3.05E-12	Lower
269-04	1.534	-1.326	0.97	40	1990	4.00	2.07E-29	Middle
269-04	1.436	-1.426	0.97	49	1990	3.46	1.81E-37	Upper
269-05	0.902	-0.433	0.67	197	1982	99.89	1.94E-48	Lower
269-05	1.425	-1.625	0.83	199	1982	100.53	1.97E-78	Middle
269-05	1.364	-1.791	0.85	206	1982	84.12	4.37E-86	Upper
269-06	1.384	-0.654	0.80	56	1986	26.85	1.21E-20	Lower
269-06	1.710	-1.142	0.99	57	1986	1.93	1.77E-55	Middle
269-06	1.665	-1.182	0.98	61	1986	3.60	3.33E-51	Upper
269-07	1.413	-0.757	0.80	71	1983	34.69	1.33E-25	Lower
269-07	1.689	-1.156	0.96	75	1983	8.57	9.08E-53	Middle
269-07	1.604	-1.258	0.93	78	1983	15.16	1.60E-44	Upper
269-08	1.128	-0.574	0.66	118	1952	78.79	5.00E-29	Lower
269-08	1.293	-1.734	0.70	119	1952	86.22	3.11E-32	Middle
269-08	1.178	-1.943	0.67	123	1952	84.96	3.52E-31	Upper
270-01	0.901	-0.121	0.66	40	1987	16.96	2.39E-10	Lower
270-01	1.800	-1.039	0.95	40	1990	6.25	5.07E-27	Middle
270-01	1.591	-1.269	0.98	47	1987	2.92	2.34E-38	Upper
270-02	0.889	-0.264	0.78	45	1990	12.33	1.01E-15	Lower
270-02	1.479	-1.389	0.97	46	1978	3.50	3.04E-36	Middle
270-02	1.394	-1.443	0.94	54	1978	7.03	3.04E-34	Upper
270-05	1.559	-1.552	0.79	112	1976	78.33	4.67E-39	Middle
270-05	1.504	-1.579	0.79	122	1976	76.53	6.29E-43	Upper
271-01	1.787	-1.417	0.70	45	1987	38.68	1.06E-12	Lower
271-01	1.789	-1.626	0.75	48	1987	31.51	2.12E-15	Middle
271-01	1.724	-1.676	0.76	50	1987	29.29	2.48E-16	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
272-02	0.728	-0.166	0.90	152	1988	6.99	5.23E-78	Lower
272-02	0.638	-0.258	0.85	151	1988	8.92	1.85E-63	Middle
272-02	1.079	-0.926	0.74	158	1988	52.36	2.24E-47	Upper
272-03	1.468	-0.978	0.86	110	1979	39.68	6.91E-48	Lower
272-03	1.374	-1.678	0.79	112	1979	59.04	3.12E-39	Middle
272-03	1.329	-1.737	0.78	119	1981	61.73	4.48E-40	Upper
272-04	1.391	-1.087	0.70	77	1986	68.02	1.57E-21	Lower
272-04	1.515	-1.551	0.79	74	1986	46.60	2.10E-26	Middle
272-04	1.416	-1.664	0.79	90	1985	50.76	5.83E-32	Upper
274-02	0.924	-0.055	0.76	130	1986	28.35	3.78E-41	Lower
274-02	1.414	-0.984	0.56	134	1986	169.52	4.29E-25	Middle
274-02	1.759	-1.449	0.81	136	1986	76.76	1.42E-50	Upper
274-30	1.548	-1.325	0.99	18	1987	0.55	5.72E-17	Lower
274-30	1.444	-1.434	1.00	17	1987	0.18	1.02E-18	Middle
274-30	1.386	-1.479	0.99	24	1987	0.68	9.07E-22	Upper
275-02	1.633	-1.234	0.99	58	1991	1.44	2.46E-60	Lower
275-02	1.564	-1.307	0.99	57	1991	1.69	3.90E-56	Middle
275-02	1.463	-1.413	0.99	63	1991	1.36	3.04E-64	Upper
276-05	1.332	-1.876	0.69	41	1978	32.81	1.67E-11	Lower
276-05	1.281	-1.898	0.70	39	1978	27.66	3.30E-11	Middle
276-05	1.220	-1.975	0.70	46	1978	29.31	3.14E-13	Upper
277-01	1.167	-0.589	0.80	110	1988	35.43	1.82E-39	Lower
277-01	1.594	-1.246	0.98	110	1986	6.28	1.56E-89	Middle
277-01	1.474	-1.374	0.97	118	1988	7.00	3.05E-91	Upper
277-02	0.414	0.031	0.59	55	1957	4.28	1.06E-11	Lower
277-02	0.502	-0.179	0.71	56	1957	3.72	4.14E-16	Middle
277-03	1.423	-1.719	0.81	95	1973	51.37	3.20E-35	Lower
277-03	1.361	-1.839	0.84	93	1973	37.00	2.21E-38	Middle
277-03	1.311	-1.882	0.83	101	1973	39.10	1.84E-40	Upper
278-01	1.501	-1.100	0.92	62	1986	12.22	6.23E-34	Lower
278-01	1.517	-1.306	0.95	64	1986	6.88	3.22E-42	Middle
278-01	1.426	-1.415	0.96	68	1986	6.02	2.52E-46	Upper
278-02	1.685	-1.485	0.81	158	1990	86.71	2.31E-57	Middle
278-02	1.601	-1.552	0.81	162	1990	78.24	9.76E-60	Upper
278-03	1.618	-1.460	0.73	88	1986	67.01	5.89E-26	Lower
278-03	1.515	-1.607	0.72	91	1963	63.78	2.90E-26	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
278-03	1.468	-1.678	0.70	95	1963	66.59	3.81E-26	Upper
279-01	1.773	-1.079	0.99	39	1973	0.80	6.16E-41	Lower
279-01	1.669	-1.191	0.99	39	1973	0.58	1.43E-42	Middle
279-01	1.633	-1.227	0.99	43	1973	0.69	7.39E-46	Upper
279-04	1.477	-1.601	0.74	123	1976	71.90	8.99E-37	Lower
279-04	1.398	-1.702	0.74	120	1994	59.53	1.58E-36	Middle
279-04	1.393	-1.704	0.76	131	1976	61.19	4.38E-42	Upper
280-01	1.553	-1.658	0.74	39	1985	25.32	2.17E-12	Lower
280-01	1.511	-1.682	0.76	41	1985	23.82	1.54E-13	Middle
280-01	1.416	-1.788	0.75	43	1985	22.44	5.01E-14	Upper
280-02	1.453	-1.561	0.65	141	1992	115.02	1.40E-33	Lower
280-02	1.433	-1.720	0.73	137	1992	74.70	3.24E-40	Middle
280-02	1.429	-1.729	0.74	147	1992	76.98	4.17E-44	Upper
280-03	1.127	-0.474	0.56	65	1992	54.86	9.51E-13	Lower
280-03	1.668	-1.400	0.82	65	1992	32.54	2.17E-25	Middle
280-03	1.626	-1.424	0.84	75	1992	31.14	4.40E-31	Upper
284-02	1.659	-1.533	0.83	78	1981	45.27	5.69E-31	Middle
284-02	1.502	-1.696	0.83	86	1981	40.42	3.58E-34	Upper
284-30	1.902	-0.948	1.00	15	1988	0.06	1.13E-20	Lower
284-30	1.768	-1.092	1.00	13	1988	0.02	4.73E-20	Middle
284-30	1.590	-1.279	0.99	18	1988	0.38	2.90E-18	Upper
293-01	0.862	-0.083	0.94	131	1986	4.72	1.19E-82	Lower
293-01	1.473	-1.185	0.62	132	1986	144.45	6.05E-29	Middle
293-01	1.585	-1.584	0.73	137	1986	101.91	1.69E-40	Upper
293-02	0.916	-2.263	0.52	136	1955	88.84	2.89E-23	Upper
293-03	1.267	-1.632	0.99	13	1955	0.29	4.70E-13	Lower
293-03	1.180	-1.726	0.99	14	1955	0.22	1.46E-14	Middle
293-03	1.158	-1.749	0.99	17	1955	0.25	4.40E-18	Upper
297-01	1.528	-1.376	0.90	47	1980	15.08	1.11E-23	Lower
297-01	1.529	-1.472	0.93	49	1980	10.60	2.88E-28	Middle
297-01	1.420	-1.616	0.91	55	1980	12.24	2.27E-29	Upper
297-03	1.303	-1.880	0.84	13	1958	5.04	1.21E-05	Lower
297-03	1.142	-2.081	0.75	13	1958	5.17	1.37E-04	Middle
297-03	1.252	-1.894	0.81	18	1958	8.21	3.68E-07	Upper
307-02	1.527	-1.346	1.00	45	1991	0.59	3.46E-51	Lower
307-02	1.474	-1.395	0.99	47	1991	1.04	1.94E-47	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
307-02	1.433	-1.440	0.99	51	1991	0.95	7.77E-53	Upper
313-01	0.724	-0.185	0.93	67	1987	2.31	2.79E-39	Lower
313-01	0.645	-0.253	0.84	66	1987	4.28	1.81E-27	Middle
313-01	0.817	-0.609	0.65	73	1987	22.25	5.34E-18	Upper
313-02	1.476	-1.099	0.92	160	1985	26.09	1.54E-86	Lower
313-02	1.501	-1.308	0.95	159	1985	16.43	6.28E-101	Middle
313-02	1.409	-1.406	0.93	166	1985	20.13	2.52E-96	Upper
319-01	1.486	-1.390	0.99	59	1976	2.05	1.92E-56	Lower
319-01	1.405	-1.476	0.99	59	1976	1.82	8.53E-57	Middle
319-01	1.289	-1.601	0.99	64	1976	1.47	8.08E-63	Upper
319-30	1.438	-1.440	0.98	37	1963	2.65	3.97E-30	Lower
319-30	1.357	-1.528	0.97	41	1963	3.10	5.82E-32	Middle
319-30	1.257	-1.635	0.97	43	1963	3.04	1.71E-32	Upper
328-03	1.272	-1.624	0.99	25	1956	0.54	1.80E-25	Lower
328-03	1.188	-1.716	0.99	25	1956	0.43	2.77E-26	Middle
328-03	1.135	-1.772	0.99	31	1956	0.44	1.32E-32	Upper
330-01	1.269	-0.679	0.69	95	1981	72.57	3.63E-25	Lower
330-01	1.635	-1.246	0.92	95	1981	21.53	1.86E-53	Middle
330-01	1.514	-1.370	0.92	101	1981	19.63	3.68E-57	Upper
332-03	1.364	-1.527	0.99	71	1956	1.68	7.95E-76	Lower
332-03	1.303	-1.593	0.99	67	1956	1.61	3.00E-70	Middle
332-03	1.198	-1.705	0.99	76	1956	1.51	9.02E-80	Upper
334-02	1.338	-1.872	0.76	98	1955	70.42	3.67E-31	Lower
334-02	1.285	-1.931	0.75	95	1955	63.44	4.43E-30	Middle
334-02	1.259	-1.959	0.77	106	1965	64.98	1.73E-34	Upper
344-01	1.146	-0.681	0.59	138	1983	127.71	2.97E-28	Lower
344-01	1.708	-1.429	0.89	141	1983	53.09	2.81E-67	Middle
344-01	1.563	-1.548	0.88	147	1983	49.89	3.12E-68	Upper
353-01	1.252	-1.333	0.69	49	1963	39.78	1.77E-13	Lower
353-01	1.114	-2.100	0.72	50	1963	28.16	7.98E-15	Middle
353-01	1.053	-2.133	0.73	53	1963	25.33	3.09E-16	Upper
353-02	0.752	-0.023	0.59	131	1991	44.54	1.10E-26	Lower
353-02	1.296	-0.743	0.67	135	1991	99.90	7.90E-34	Middle
353-02	1.589	-1.199	0.82	145	1975	68.68	1.11E-55	Upper
353-03	1.252	-1.147	0.60	67	1978	82.13	1.51E-14	Lower
353-03	1.446	-1.719	0.78	68	1978	46.01	2.40E-23	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
353-03	1.405	-1.746	0.79	75	1978	44.54	8.19E-27	Upper
355-01	0.738	-0.170	0.93	69	1989	2.68	3.36E-40	Lower
355-01	1.105	-0.747	0.74	71	1989	28.68	8.36E-22	Middle
355-01	1.495	-1.300	0.93	79	1975	12.07	2.98E-46	Upper
361-03	1.397	-1.026	0.62	55	1980	65.45	8.40E-13	Lower
361-03	1.601	-1.606	0.84	52	1980	25.72	8.59E-22	Middle
361-03	1.493	-1.701	0.83	61	1980	27.93	2.36E-24	Upper
361-04	1.359	-1.095	0.89	119	1980	30.27	1.16E-58	Lower
361-04	1.442	-1.424	0.98	122	1963	7.15	2.81E-99	Middle
361-04	1.338	-1.539	0.98	133	1981	6.25	7.42E-109	Upper
366-01	1.487	-1.648	0.64	128	1993	117.86	1.48E-29	Middle
366-01	1.376	-1.867	0.61	137	1978	119.63	3.25E-29	Upper
366-02	1.027	-2.162	0.73	8	1963	3.66	6.74E-03	Upper
377-01	1.621	-1.250	1.00	35	1965	0.07	3.84E-47	Lower
377-01	1.603	-1.269	1.00	35	1965	0.04	4.15E-51	Middle
377-01	1.563	-1.312	1.00	38	1965	0.07	1.93E-53	Upper
377-02	1.411	-1.725	0.83	177	1981	92.11	3.20E-70	Lower
377-02	1.380	-1.831	0.87	181	1965	69.27	1.59E-80	Middle
377-02	1.286	-1.915	0.87	186	1965	60.17	1.19E-83	Upper
380-01	1.659	-1.198	0.98	26	1985	1.65	3.03E-22	Lower
380-01	1.572	-1.298	0.99	23	1985	0.49	5.19E-24	Middle
380-01	1.434	-1.444	0.99	30	1985	0.82	4.82E-29	Upper
380-02	0.711	0.022	0.50	176	1992	64.11	2.52E-28	Lower
380-02	1.435	-1.545	0.56	183	1951	223.37	1.09E-33	Upper
380-03	1.809	-1.508	0.78	14	1994	9.63	2.95E-05	Upper
384-01	1.584	-1.268	0.67	192	1984	201.77	3.43E-48	Lower
384-01	1.717	-1.510	0.81	192	1984	112.74	5.59E-71	Middle
384-01	1.664	-1.550	0.82	199	1984	106.94	1.53E-74	Upper
384-02	1.535	-1.276	0.62	327	1984	354.07	2.27E-70	Middle
384-02	1.701	-1.530	0.79	335	1984	199.96	2.65E-113	Upper
385-04	1.433	-1.939	0.66	22	1974	14.48	3.85E-06	Middle
385-04	1.405	-1.962	0.68	28	1974	17.02	7.50E-08	Upper
385-05	1.460	-0.897	0.83	42	1992	13.44	4.01E-17	Lower
385-05	1.597	-1.159	0.93	44	1992	6.24	4.14E-26	Middle
385-05	1.509	-1.260	0.94	48	1992	5.13	1.32E-29	Upper
388-02	1.691	-1.167	0.99	33	1983	1.32	6.36E-32	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
388-02	1.600	-1.261	0.98	33	1983	2.34	1.83E-27	Middle
388-02	1.519	-1.350	0.98	38	1983	2.49	2.56E-31	Upper
388-03	1.482	-1.215	0.94	59	1985	11.37	1.95E-36	Lower
388-03	1.484	-1.380	0.98	57	1976	3.69	9.41E-48	Middle
388-03	1.365	-1.501	0.97	67	1976	4.36	2.25E-53	Upper
389-03	1.561	-1.271	0.97	46	1989	4.00	7.17E-34	Lower
389-03	1.476	-1.370	0.97	45	1989	2.55	8.33E-36	Middle
389-03	1.423	-1.431	0.98	52	1989	1.96	7.44E-45	Upper
390-02	1.495	-1.499	0.67	34	1987	31.31	4.08E-09	Lower
390-02	1.490	-1.695	0.78	35	1987	18.13	1.77E-12	Middle
390-02	1.477	-1.728	0.79	40	1987	20.05	1.84E-14	Upper
390-03	1.850	-0.994	0.99	17	1987	0.84	1.41E-15	Lower
390-03	1.863	-0.990	1.00	14	1987	0.00	7.15E-28	Middle
390-03	1.617	-1.241	0.97	21	1987	2.05	1.41E-15	Upper
391-01	0.631	0.286	0.61	50	1993	7.51	1.63E-11	Lower
391-01	1.553	-1.686	0.55	56	1993	67.39	7.38E-11	Upper
391-02	1.653	-0.803	0.82	8	1982	3.42	1.84E-03	Lower
391-02	1.760	-1.077	0.99	9	1982	0.25	5.15E-08	Middle
391-02	1.679	-1.165	0.99	12	1982	0.38	1.31E-10	Upper
392-01	1.521	-1.316	0.95	94	1989	15.91	9.51E-63	Lower
392-01	1.447	-1.405	0.95	89	1978	14.22	3.88E-59	Middle
392-01	1.363	-1.482	0.95	106	1959	14.17	4.41E-70	Upper
392-03	1.713	-1.129	0.94	7	1981	1.73	3.07E-04	Lower
392-03	1.798	-1.059	1.00	8	1981	0.01	2.13E-11	Middle
392-03	1.516	-1.339	0.94	11	1981	2.16	1.08E-06	Upper
393-01	1.565	-1.197	0.96	53	1981	7.00	6.62E-37	Lower
393-01	1.518	-1.346	0.98	55	1981	3.84	9.31E-45	Middle
393-01	1.416	-1.461	0.98	58	1981	2.68	3.03E-50	Upper
393-02	0.776	-0.070	0.85	48	1991	3.60	1.17E-20	Lower
393-02	0.694	-0.153	0.81	47	1991	3.71	1.15E-17	Middle
393-02	0.681	-0.309	0.65	54	1991	9.56	2.07E-13	Upper
393-03	0.993	-0.512	0.62	79	1995	35.46	5.99E-18	Lower
393-03	1.481	-1.753	0.66	77	1987	65.26	4.87E-19	Middle
393-03	1.444	-1.776	0.67	86	1995	65.51	5.48E-22	Upper
395-01	1.614	-1.239	0.98	70	1981	3.76	6.08E-61	Lower
395-01	1.529	-1.332	0.98	71	1981	4.37	1.47E-58	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
395-01	1.422	-1.454	0.98	76	1981	3.75	3.10E-63	Upper
395-02	1.643	-1.226	1.00	8	1976	0.00	7.93E-13	Lower
395-02	1.597	-1.277	1.00	9	1976	0.00	5.48E-16	Middle
395-02	1.529	-1.350	1.00	11	1976	0.04	1.96E-14	Upper
395-03	1.605	-1.269	1.00	7	1976	0.05	5.60E-08	Lower
395-03	1.493	-1.392	0.99	7	1976	0.23	4.02E-06	Middle
395-03	1.413	-1.470	0.97	12	1976	0.98	6.80E-09	Upper
395-04	1.615	-1.258	1.00	8	1976	0.03	3.39E-10	Lower
395-04	1.590	-1.284	1.00	9	1976	0.00	3.58E-15	Middle
395-04	1.461	-1.424	0.99	11	1976	0.35	4.33E-10	Upper
397-03	1.649	-1.220	1.00	8	1982	0.01	6.00E-11	Lower
397-03	1.464	-1.419	1.00	8	1982	0.03	1.38E-09	Middle
397-03	1.358	-1.635	0.92	12	1982	2.08	8.77E-07	Upper
397-05	1.697	-0.958	0.95	33	1986	4.54	5.98E-22	Lower
397-05	1.723	-1.111	0.97	36	1986	2.86	4.12E-28	Middle
397-05	1.625	-1.211	0.96	38	1986	3.59	2.63E-27	Upper
400-30	1.045	-0.261	0.76	39	1989	12.88	4.12E-13	Lower
400-30	1.761	-1.042	0.95	39	1989	6.71	6.08E-25	Middle
400-30	1.613	-1.197	0.94	45	1989	7.59	2.72E-27	Upper
401-02	1.692	-1.111	0.97	47	1992	3.23	1.12E-36	Lower
401-02	1.581	-1.233	0.97	46	1992	2.57	2.92E-36	Middle
401-02	1.483	-1.336	0.97	52	1992	3.20	8.40E-39	Upper
412-02	0.620	0.298	0.71	17	1993	1.69	2.42E-05	Lower
412-02	0.602	0.118	0.66	19	1993	2.16	2.54E-05	Middle
412-02	0.546	-0.022	0.58	23	1993	3.16	2.64E-05	Upper
414-02	1.727	-1.104	0.99	89	1991	3.19	4.72E-83	Lower
414-02	1.622	-1.217	0.98	88	1991	3.53	6.68E-78	Middle
414-02	1.485	-1.367	0.98	94	1991	3.54	1.22E-80	Upper
414-03	1.468	-1.655	0.68	45	1991	38.96	2.77E-12	Lower
414-03	1.344	-1.790	0.68	43	1991	31.80	9.62E-12	Middle
414-03	1.342	-1.811	0.68	52	2001	37.69	5.09E-14	Upper
428-01	1.650	-1.375	0.83	159	1997	86.86	1.25E-61	Middle
428-01	1.497	-1.521	0.82	174	1989	82.49	3.81E-65	Upper
432-01	1.435	-1.686	0.55	135	2003	156.95	7.62E-25	Middle
432-01	1.425	-1.711	0.56	145	2000	162.90	5.95E-27	Upper
830-08	1.209	-0.283	0.65	49	1988	29.09	3.02E-12	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
830-08	1.622	-1.408	0.75	47	1988	29.43	3.64E-15	Middle
830-08	1.472	-1.724	0.75	53	1988	29.62	6.64E-17	Upper
831-07	1.561	-1.309	0.99	34	1978	1.42	7.31E-31	Lower
831-07	1.494	-1.383	0.98	31	1978	1.44	8.77E-27	Middle
831-07	1.416	-1.463	0.98	39	1978	2.01	3.88E-32	Upper
831-19	1.534	-1.344	1.00	6	1978	0.05	2.69E-06	Upper
832-12	0.686	0.708	0.77	10	1993	0.82	9.01E-04	Lower
832-14	1.690	-1.176	1.00	7	1981	0.00	9.39E-79	Lower
832-14	1.584	-1.290	1.00	7	1981	0.00	3.49E-11	Middle
832-14	1.638	-1.218	0.99	11	1981	0.33	1.04E-09	Upper
832-29	1.447	-1.035	0.90	66	1988	14.98	2.97E-34	Lower
832-29	1.501	-1.357	0.99	65	1988	1.90	2.70E-61	Middle
832-29	1.413	-1.448	0.99	72	1988	1.93	2.12E-67	Upper
834-07	1.618	-1.566	0.74	186	1976	142.63	1.75E-55	Middle
834-07	1.476	-1.681	0.75	195	1986	121.86	2.50E-59	Upper
837-06	1.577	-0.947	0.86	22	1974	8.08	3.97E-10	Lower
837-06	1.646	-1.163	0.97	25	1974	2.19	1.57E-18	Middle
837-06	1.504	-1.304	0.96	29	1983	2.84	1.83E-20	Upper
837-15	1.371	-1.376	0.66	78	1950	66.77	2.93E-19	Lower
837-15	1.403	-1.608	0.73	77	1959	47.04	7.07E-23	Middle
837-15	1.298	-1.677	0.75	86	1959	47.16	6.70E-27	Upper
839-15	1.338	-1.142	0.90	19	1979	3.88	4.13E-10	Lower
839-15	1.441	-1.410	0.96	19	1979	1.59	3.36E-13	Middle
839-15	1.343	-1.441	0.93	26	1979	3.20	1.07E-15	Upper
839-16	1.519	-1.342	0.98	80	1981	3.43	6.69E-70	Lower
839-16	1.417	-1.452	0.98	79	1981	3.37	6.02E-67	Middle
839-16	1.332	-1.543	0.98	85	1981	3.42	1.27E-70	Upper
839-17	1.383	-1.508	1.00	7	1959	0.00	3.39E-79	Middle
839-17	1.395	-1.495	1.00	8	1959	0.00	3.72E-13	Upper
840-35	1.758	-1.033	0.97	66	1979	6.31	1.14E-51	Lower
840-35	1.695	-1.155	0.99	66	1979	2.64	1.77E-62	Middle
840-35	1.546	-1.312	0.98	72	1979	3.16	4.74E-64	Upper
840-36	1.055	0.140	1.00	5	1984	0.01	2.23E-05	Lower
840-36	1.036	0.119	1.00	6	1984	0.01	3.42E-07	Middle
840-36	1.468	-0.757	0.84	8	1984	3.47	1.28E-03	Upper
840-43	1.405	-1.475	0.97	31	1951	2.60	5.47E-24	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-43	1.319	-1.566	0.96	27	1951	2.83	4.90E-19	Middle
840-43	1.213	-1.680	0.95	37	1951	3.79	8.94E-25	Upper
843-02	1.579	-1.272	0.98	5	1982	0.29	1.06E-03	Lower
843-02	1.500	-1.341	0.97	6	1982	0.56	4.20E-04	Middle
843-02	1.371	-1.490	0.96	10	1982	0.81	5.42E-07	Upper
845-02	1.465	-1.405	0.98	66	1979	2.98	6.94E-58	Lower
845-02	1.375	-1.503	0.98	62	1974	2.56	2.84E-54	Middle
845-02	1.285	-1.601	0.99	74	1979	1.98	2.11E-68	Upper
847-02	1.519	-0.778	0.79	33	1980	20.24	6.43E-12	Lower
847-02	1.759	-1.103	1.00	32	1980	0.31	5.16E-39	Middle
847-02	1.677	-1.189	1.00	37	1982	0.05	5.59E-60	Upper
849-21	1.503	-1.368	0.99	5	1971	0.16	6.98E-04	Lower
849-21	1.351	-1.504	0.94	5	1971	0.64	6.95E-03	Middle
849-21	1.312	-1.548	0.93	10	1971	1.28	5.75E-06	Upper
849-23	1.622	-1.239	0.99	31	1984	0.99	4.61E-30	Lower
849-23	1.532	-1.337	0.99	31	1984	0.89	2.03E-30	Middle
849-23	1.436	-1.435	0.98	37	1984	1.46	2.67E-32	Upper
849-35	0.816	-0.047	0.85	45	1986	4.73	1.67E-19	Lower
849-35	1.004	-0.476	0.72	49	1986	17.46	1.18E-14	Middle
849-35	1.501	-1.326	0.95	51	1986	5.86	9.18E-33	Upper
849-44	1.639	-1.213	0.98	7	1987	0.47	2.50E-05	Lower
849-44	1.485	-1.382	0.98	8	1987	0.43	2.47E-06	Middle
849-44	1.510	-1.345	0.98	11	1987	0.60	9.82E-09	Upper
852-26	1.496	-1.713	0.77	10	1963	7.96	8.31E-04	Lower
852-26	1.406	-1.743	0.79	11	1963	7.23	2.82E-04	Middle
852-26	1.399	-1.795	0.76	16	1963	11.06	1.22E-05	Upper
853-27	0.740	-0.171	0.82	144	1977	15.55	5.38E-55	Lower
853-27	0.678	-0.241	0.75	142	1977	20.49	5.58E-44	Middle
853-27	1.016	-0.941	0.73	150	1977	51.07	3.05E-44	Upper
853-33	1.706	-1.589	0.81	13	1982	8.27	2.59E-05	Upper
855-08	1.440	-1.863	0.71	8	1979	6.74	8.49E-03	Upper
857-22	0.665	-0.054	0.75	40	1992	4.11	7.65E-13	Lower
857-22	0.624	-0.165	0.71	39	1992	4.29	1.64E-11	Middle
857-22	0.735	-0.413	0.55	46	1992	13.57	3.72E-09	Upper
859-09	1.422	-0.995	0.69	147	1981	125.05	5.97E-39	Lower
859-09	1.596	-1.369	0.86	146	1981	56.36	8.83E-64	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-09	1.547	-1.411	0.87	155	1981	53.95	1.48E-68	Upper
859-10	1.368	-1.149	0.88	48	1951	17.33	4.17E-23	Lower
859-10	1.412	-1.289	0.94	48	1951	9.12	4.43E-29	Middle
859-10	1.256	-1.447	0.90	53	1951	12.76	1.36E-27	Upper
859-18	1.054	-2.104	0.52	94	1981	73.70	2.30E-16	Upper
860-08	1.171	-0.955	0.83	117	1973	34.54	1.11E-46	Lower
860-08	1.379	-1.460	0.96	117	1973	9.28	1.09E-83	Middle
860-08	1.288	-1.550	0.95	132	1973	11.75	1.46E-86	Upper
861-01	1.528	-1.338	0.99	16	1979	0.56	5.35E-15	Lower
861-01	1.459	-1.408	0.98	16	1979	0.99	4.81E-13	Middle
861-01	1.341	-1.538	0.98	22	1979	0.87	5.39E-19	Upper
861-02	1.326	-1.846	0.66	17	1986	13.87	7.40E-05	Lower
861-02	1.236	-1.898	0.63	17	1986	12.99	1.49E-04	Middle
861-02	1.293	-1.901	0.68	21	1986	15.36	4.76E-06	Upper
861-03	1.506	-1.372	0.99	16	1964	0.67	5.65E-15	Lower
861-03	1.388	-1.497	0.97	18	1964	1.80	1.70E-13	Middle
861-03	1.293	-1.601	0.97	21	1964	1.66	7.02E-16	Upper
862-20	1.517	-1.644	0.84	123	1962	68.97	1.71E-49	Lower
862-20	1.459	-1.729	0.86	121	1962	52.99	8.39E-53	Middle
862-20	1.378	-1.820	0.84	131	1962	59.62	1.65E-52	Upper
863-02	1.501	-1.378	0.99	94	1986	1.28	5.10E-106	Lower
863-02	1.400	-1.485	1.00	93	1986	0.56	1.22E-118	Middle
863-02	1.343	-1.542	1.00	99	1986	0.78	2.61E-118	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-05	1.775	-1.470	0.76	94	1986	76.27	1.18E-30	Middle
004-05	1.535	-1.664	0.76	97	1986	62.64	8.30E-31	Upper
008-07	1.780	-1.047	0.73	21	1986	18.79	8.02E-07	Middle
008-07	1.757	-1.204	0.84	25	1987	12.93	1.10E-10	Upper
008-08	1.642	-1.458	0.71	107	1986	100.45	2.82E-30	Upper
008-09	1.315	-1.883	0.56	199	1986	149.26	9.16E-37	Middle
008-09	1.226	-1.963	0.61	208	1966	121.93	2.71E-44	Upper
009-02	1.305	0.044	0.64	104	1989	93.65	3.58E-24	Lower
009-02	1.887	-0.934	0.95	100	1969	15.85	2.21E-66	Middle
009-02	1.743	-1.081	0.94	113	1969	23.29	5.65E-69	Upper
009-03	1.001	0.206	0.98	122	1985	2.92	7.97E-109	Lower
009-03	1.174	-0.251	0.84	122	1974	46.30	3.20E-49	Middle
009-03	1.597	-1.256	0.97	131	1974	15.97	1.36E-97	Upper
009-05	1.429	-1.706	0.52	69	1988	89.98	2.14E-12	Middle
009-05	1.400	-1.744	0.54	72	1988	88.26	2.68E-13	Upper
010-01	1.029	0.421	0.95	107	1989	6.37	8.73E-70	Lower
010-01	1.636	-0.444	0.80	104	1974	70.17	6.42E-38	Middle
010-01	1.821	-1.007	0.98	111	1974	9.10	2.42E-91	Upper
012-10	1.853	-0.581	0.89	21	1990	10.72	1.79E-10	Lower
012-10	1.711	-1.129	0.96	18	1990	2.70	3.18E-12	Middle
012-10	1.541	-1.305	0.94	27	1990	5.35	2.24E-16	Upper
015-01	1.376	-0.142	0.56	17	1977	14.30	5.49E-04	Lower
015-01	1.889	-0.950	1.00	22	1977	0.32	4.32E-26	Middle
015-01	1.656	-1.205	0.98	24	1981	1.89	3.91E-19	Upper
019-30	0.994	0.072	1.00	3	1979	0.00	8.75E-17	Lower
019-30	1.836	-1.016	1.00	4	1979	0.01	2.60E-04	Middle
019-30	1.731	-1.129	1.00	7	1979	0.03	8.80E-09	Upper
019-31	1.069	0.272	0.93	49	1984	5.63	4.40E-28	Lower
019-31	1.855	-0.977	0.98	51	1984	4.76	1.37E-42	Middle
019-31	1.526	-1.336	0.96	55	1984	7.27	2.14E-37	Upper
021-05	1.712	-1.464	0.71	19	1986	20.38	6.36E-06	Upper
026-09	2.638	-0.153	1.00	19	1991	0.00	1.30E-265	Middle
026-09	1.806	-1.036	0.94	23	1991	2.53	2.84E-14	Upper
027-01	1.453	-1.771	0.66	160	1978	116.33	7.07E-39	Middle
027-01	1.389	-1.821	0.68	165	1978	108.70	3.77E-42	Upper
027-02	1.799	-0.563	0.67	45	1983	34.10	6.92E-12	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
027-02	1.866	-0.985	0.98	44	1988	1.24	2.36E-37	Middle
027-02	1.592	-1.280	0.97	48	1983	2.08	1.56E-37	Upper
027-03	1.352	-1.823	0.63	109	1982	71.32	5.36E-25	Middle
027-03	1.518	-1.683	0.74	121	1969	78.77	6.93E-37	Upper
028-04	2.012	-0.601	0.67	121	1984	51.09	8.43E-31	Lower
028-04	2.016	-0.822	0.99	121	1984	1.40	4.40E-117	Middle
028-04	1.736	-1.123	0.98	130	1988	3.28	4.07E-111	Upper
028-05	1.469	-0.601	0.80	137	1978	104.46	2.06E-48	Lower
028-05	1.767	-1.230	0.95	136	1978	28.39	3.86E-91	Middle
028-05	1.531	-1.459	0.93	145	1975	33.01	5.43E-86	Upper
029-02	1.946	-0.900	1.00	31	1991	0.00		Middle
029-02	2.024	-0.814	0.99	33	1991	0.26	1.07E-34	Upper
029-03	1.488	-0.409	0.64	40	1973	37.53	7.43E-10	Lower
029-03	1.808	-1.049	1.00	40	1973	0.19	6.01E-53	Middle
029-03	1.638	-1.233	0.99	44	1973	1.13	1.54E-43	Upper
029-05	1.429	-0.731	0.73	44	1971	47.75	1.67E-13	Lower
029-05	1.748	-1.275	0.92	40	1971	15.39	4.76E-22	Middle
029-05	1.533	-1.502	0.89	53	1974	21.22	2.95E-26	Upper
029-06	1.778	-1.488	0.84	143	1971	95.66	1.44E-58	Middle
029-06	1.675	-1.588	0.83	149	1971	96.55	1.59E-58	Upper
030-04	1.899	-0.813	0.91	59	1985	14.96	7.48E-31	Lower
030-04	1.722	-1.138	0.98	63	1981	3.35	2.48E-52	Middle
030-04	1.536	-1.336	0.96	68	1985	6.49	7.92E-48	Upper
031-03	1.358	-0.025	0.56	26	1990	24.50	1.02E-05	Lower
031-03	1.834	-1.054	0.91	28	1990	7.92	2.57E-15	Middle
031-03	1.851	-1.015	0.91	33	1975	10.38	7.24E-18	Upper
031-04	1.311	-0.227	0.69	41	1974	31.85	1.67E-11	Lower
031-04	1.847	-0.995	0.98	41	1957	2.15	2.55E-36	Middle
031-04	1.731	-1.098	0.96	47	1974	6.03	4.45E-34	Upper
031-07	1.356	-1.863	0.59	36	1980	39.99	4.41E-08	Middle
031-07	1.415	-1.776	0.63	40	1980	44.11	1.10E-09	Upper
031-08	1.830	-1.592	0.52	97	1979	149.66	8.31E-17	Lower
031-08	1.547	-1.808	0.52	97	1979	107.16	1.27E-16	Middle
031-08	1.369	-1.951	0.55	102	1979	80.01	3.87E-19	Upper
031-09	2.057	-0.501	0.92	70	1990	27.38	3.20E-38	Lower
031-09	2.090	-0.739	1.00	74	1990	1.20	9.75E-90	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-09	1.811	-1.038	0.97	79	1990	9.06	4.31E-59	Upper
032-04	1.544	-0.658	0.73	79	1987	82.10	1.58E-23	Lower
032-04	1.582	-1.360	0.92	77	1988	20.74	2.99E-42	Middle
032-04	1.474	-1.511	0.90	90	1987	25.47	1.62E-46	Upper
033-01	1.480	-0.573	0.57	74	1983	104.14	1.05E-14	Lower
033-01	1.831	-1.045	0.93	77	1985	17.32	9.14E-46	Middle
033-01	1.621	-1.281	0.88	86	1983	33.91	9.88E-40	Upper
033-02	1.859	-1.382	0.80	78	1982	62.55	6.26E-28	Middle
033-02	1.749	-1.488	0.80	85	1982	59.80	3.58E-31	Upper
033-03	1.022	-0.040	0.67	59	1984	38.55	1.94E-15	Lower
033-03	1.709	-1.139	0.89	62	1980	28.04	1.37E-30	Middle
033-03	1.579	-1.418	0.90	70	1979	24.13	4.16E-36	Upper
033-04	1.211	-0.386	0.53	92	1979	139.50	1.55E-16	Lower
033-04	1.887	-1.261	0.88	93	1979	50.60	2.42E-44	Middle
033-04	1.787	-1.348	0.87	103	1983	56.74	3.49E-47	Upper
034-05	0.983	-2.134	0.56	8	1974	4.70	3.29E-02	Lower
034-05	1.109	-1.949	0.71	6	1993	2.65	3.58E-02	Middle
034-05	1.403	-1.832	0.74	14	1985	11.14	8.40E-05	Upper
034-06	1.657	-0.990	0.88	11	1975	3.61	2.29E-05	Lower
034-06	1.260	-1.727	0.72	10	1975	3.71	1.77E-03	Middle
034-06	1.414	-1.552	0.87	14	1975	4.04	1.07E-06	Upper
035-01	1.753	-0.721	0.89	30	1980	15.62	7.70E-15	Lower
035-01	1.819	-1.035	1.00	27	1980	0.17	4.52E-37	Middle
035-01	1.626	-1.239	0.96	36	1980	4.90	2.49E-26	Upper
035-02	1.830	-0.622	0.92	17	1987	6.51	1.81E-09	Lower
035-02	1.955	-0.886	1.00	21	1987	0.25	2.99E-26	Middle
035-02	1.760	-1.097	0.98	22	1987	1.98	5.90E-18	Upper
035-03	1.667	-0.677	0.72	96	1975	64.96	8.61E-28	Lower
035-03	1.879	-0.972	1.00	99	1991	0.04	2.39E-187	Middle
035-03	1.774	-1.086	0.99	105	1975	3.47	1.30E-100	Upper
036-05	1.367	-1.793	0.60	75	1991	56.62	4.49E-16	Middle
036-05	1.584	-1.595	0.69	89	1980	81.23	1.36E-23	Upper
036-06	1.452	-1.756	0.67	88	1974	63.07	1.76E-22	Middle
036-06	1.338	-1.854	0.70	98	1974	56.81	4.40E-27	Upper
037-01	1.365	-1.717	0.54	89	1985	93.91	2.17E-16	Middle
037-01	1.319	-1.774	0.56	95	1985	94.09	4.62E-18	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
038-01	1.601	-1.478	0.82	49	1972	23.56	6.60E-19	Middle
038-01	1.543	-1.534	0.79	53	1972	27.31	5.95E-19	Upper
038-02	1.583	-1.423	0.64	90	1976	108.91	3.63E-21	Middle
038-02	1.660	-1.584	0.77	94	1976	69.87	7.32E-31	Upper
038-04	1.711	-0.459	0.65	67	1981	62.70	2.75E-16	Lower
038-04	1.974	-0.870	1.00	67	1981	0.07	5.96E-108	Middle
038-04	1.826	-1.030	0.99	71	1981	1.36	1.64E-73	Upper
040-01	1.265	-0.205	0.70	48	1973	32.36	9.67E-14	Lower
040-01	1.793	-1.065	1.00	49	1978	0.05	1.03E-83	Middle
040-01	1.681	-1.184	0.99	54	1973	2.09	2.45E-52	Upper
040-03	1.054	0.061	0.83	52	1980	15.39	5.17E-21	Lower
040-03	1.727	-1.123	0.97	54	1980	6.23	6.20E-42	Middle
040-03	1.600	-1.260	0.95	58	1980	9.61	2.94E-39	Upper
040-04	1.381	-1.612	0.53	88	1989	78.25	7.55E-16	Middle
040-04	1.463	-1.550	0.59	96	1989	88.92	5.60E-20	Upper
041-01	1.852	-0.829	0.68	26	1982	8.55	2.44E-07	Lower
041-01	1.938	-0.908	1.00	28	1982	0.10	4.73E-37	Middle
041-01	1.818	-1.037	0.99	35	1983	0.80	1.30E-37	Upper
041-04	1.718	-1.407	0.64	38	1989	43.52	1.31E-09	Lower
041-04	1.758	-1.494	0.71	40	1989	37.02	1.15E-11	Middle
041-04	1.684	-1.533	0.72	44	1989	37.55	3.15E-13	Upper
041-05	1.503	-1.711	0.63	128	1989	133.64	6.42E-29	Middle
041-05	1.541	-1.675	0.66	142	1979	148.44	1.14E-34	Upper
042-03	1.813	-0.923	0.97	56	1981	8.99	5.33E-41	Lower
042-03	1.839	-1.014	1.00	53	1981	0.17	1.91E-81	Middle
042-03	1.654	-1.213	0.98	62	1981	6.05	8.33E-50	Upper
042-04	1.947	-0.899	1.00	16	1985	0.01	8.88E-26	Lower
042-04	1.867	-0.985	1.00	15	1985	0.01	9.22E-24	Middle
042-04	1.749	-1.110	0.98	20	1985	1.56	5.46E-16	Upper
043-04	1.220	-1.931	0.55	52	1986	49.66	3.70E-10	Upper
045-30	1.595	-1.654	0.70	62	1976	69.91	2.05E-17	Middle
045-30	1.506	-1.751	0.68	63	1976	67.78	6.29E-17	Upper
046-04	1.534	-0.262	0.64	29	1979	28.56	2.08E-07	Lower
046-04	1.938	-0.908	1.00	29	1979	0.02	4.71E-49	Middle
046-04	1.657	-1.211	1.00	32	1981	0.20	1.95E-40	Upper
046-05	1.162	-0.179	0.79	39	1967	19.16	4.61E-14	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
046-05	1.704	-1.161	1.00	39	1981	0.05	6.13E-66	Middle
046-05	1.494	-1.381	0.97	45	1981	4.59	2.59E-34	Upper
046-06	1.455	-1.794	0.65	194	1972	213.34	5.35E-46	Middle
046-06	1.397	-1.839	0.66	197	1972	199.12	3.54E-47	Upper
047-01	1.141	-1.933	0.54	77	1974	39.24	2.02E-14	Upper
047-03	1.030	0.656	0.99	51	1988	0.48	9.70E-51	Lower
047-03	1.276	0.216	0.82	51	1988	16.34	9.67E-20	Middle
047-03	2.016	-0.824	1.00	55	1988	0.70	4.18E-67	Upper
048-02	1.364	-0.638	0.57	83	1979	133.61	1.77E-16	Lower
048-02	1.828	-1.330	0.87	78	1977	44.13	2.72E-35	Middle
048-02	1.738	-1.439	0.86	92	1977	50.52	6.91E-41	Upper
048-03	1.591	-0.487	0.85	62	1983	37.46	2.48E-26	Lower
048-03	1.911	-0.900	0.98	65	1983	5.91	3.53E-56	Middle
048-03	1.829	-1.051	0.97	69	1983	10.56	5.84E-51	Upper
051-08	1.985	-0.856	1.00	55	1992	0.46	5.39E-74	Lower
051-08	1.838	-1.015	0.99	55	1988	2.47	5.39E-53	Middle
051-08	1.483	-1.397	0.98	60	1988	2.53	6.40E-54	Upper
052-07	1.048	0.118	0.95	64	1982	4.78	3.04E-42	Lower
052-07	1.845	-1.007	1.00	64	1982	0.55	5.56E-86	Middle
052-07	1.607	-1.253	0.97	69	1982	7.13	5.20E-53	Upper
052-08	1.524	-1.590	0.75	119	1975	66.91	1.24E-36	Middle
052-08	1.475	-1.636	0.77	127	1975	65.88	5.80E-42	Upper
053-01	1.041	-0.035	0.78	34	1974	14.02	4.83E-12	Lower
053-01	1.715	-1.125	0.97	33	1974	4.59	2.40E-24	Middle
053-01	1.480	-1.363	0.92	44	1974	11.38	3.70E-25	Upper
053-02	1.858	-0.882	0.81	40	1979	8.93	4.53E-15	Lower
053-02	1.896	-0.954	1.00	40	1979	0.09	4.15E-55	Middle
053-02	1.699	-1.167	0.99	47	1979	1.30	5.61E-45	Upper
053-03	1.183	-0.089	0.86	105	1981	33.95	2.78E-46	Lower
053-03	1.798	-1.056	1.00	106	1980	2.46	7.90E-122	Middle
053-03	1.608	-1.253	0.97	117	1981	15.67	6.16E-86	Upper
053-04	1.601	-1.428	0.80	106	1990	69.40	1.59E-38	Middle
053-04	1.405	-1.624	0.78	117	1974	69.69	5.40E-40	Upper
054-02	1.602	-1.800	0.53	53	1994	63.53	5.90E-10	Lower
054-02	1.577	-1.831	0.52	54	1994	65.03	1.01E-09	Middle
054-02	1.626	-1.783	0.58	58	1994	63.56	3.63E-12	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
054-03	0.574	1.197	0.84	5	1994	0.17	2.87E-02	Lower
054-03	2.533	-0.927	0.75	11	1994	12.54	5.53E-04	Upper
055-01	1.549	-0.995	0.82	7	1960	3.33	4.89E-03	Lower
055-01	1.663	-1.205	1.00	7	1960	0.00	8.52E-79	Middle
055-01	1.344	-1.545	0.96	11	1960	1.28	9.32E-08	Upper
055-02	1.513	-0.867	0.90	14	1960	6.02	1.92E-07	Lower
055-02	1.582	-1.292	0.99	14	1960	0.48	4.97E-14	Middle
055-02	1.394	-1.495	0.97	19	1960	1.81	7.87E-15	Upper
055-03	1.604	-1.270	1.00	27	1960	0.08	2.01E-40	Lower
055-03	1.445	-1.440	0.99	28	1960	0.80	1.36E-27	Middle
055-03	1.315	-1.579	0.98	33	1960	2.20	3.97E-27	Upper
055-06	1.870	-1.257	0.59	35	1984	63.46	8.73E-08	Middle
055-06	1.703	-1.390	0.59	37	1984	54.29	2.74E-08	Upper
056-04	1.361	-0.867	0.51	49	1982	96.45	6.56E-09	Lower
056-04	1.739	-1.488	0.76	52	1995	54.33	3.44E-17	Middle
056-04	1.488	-1.695	0.76	58	1982	44.44	4.19E-19	Upper
056-05	1.970	-0.664	0.95	40	1990	10.09	3.22E-26	Lower
056-05	2.027	-0.804	1.00	43	1990	0.74	4.41E-52	Middle
056-05	1.890	-0.952	0.98	45	1990	3.85	2.01E-38	Upper
056-07	1.523	-0.930	0.94	79	1952	19.75	3.82E-49	Lower
056-07	1.598	-1.282	0.99	78	1952	1.74	8.17E-89	Middle
056-07	1.409	-1.483	0.96	92	1952	13.38	5.04E-63	Upper
056-30	1.961	-0.533	0.90	42	1990	20.83	1.48E-21	Lower
056-30	2.034	-0.800	1.00	41	1990	0.50	2.19E-52	Middle
056-30	1.947	-0.883	0.98	48	1990	4.48	2.82E-40	Upper
056-31	1.853	-1.000	1.00	15	1986	0.00	4.11E-27	Lower
056-31	1.706	-1.160	0.99	15	1986	0.18	1.98E-15	Middle
056-31	1.542	-1.336	0.98	19	1986	0.85	2.54E-16	Upper
057-03	1.703	-1.543	0.78	221	1983	163.52	2.24E-74	Middle
057-03	1.450	-1.762	0.78	228	1976	124.63	3.64E-77	Upper
057-04	1.302	0.078	0.70	27	1990	22.74	6.67E-08	Lower
057-04	1.803	-1.019	0.96	28	1990	4.56	1.91E-19	Middle
057-04	1.588	-1.213	0.90	33	1990	10.00	3.43E-17	Upper
057-07	1.779	-0.608	0.65	34	1983	23.98	1.03E-08	Lower
057-07	1.930	-0.917	1.00	32	1983	0.00	3.79E-67	Middle
057-07	1.592	-1.276	0.97	39	1981	2.42	1.66E-29	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
058-01	2.062	-0.771	1.00	43	1991	0.54	2.87E-50	Lower
058-01	2.058	-0.773	0.99	47	1991	0.87	1.47E-52	Middle
058-01	1.937	-0.901	0.98	48	1991	2.92	2.85E-41	Upper
058-04	1.439	-1.490	0.57	87	1975	109.97	2.00E-17	Lower
058-04	1.442	-1.776	0.71	86	1975	55.69	2.43E-24	Middle
058-04	1.355	-1.858	0.74	92	1975	52.46	5.82E-28	Upper
058-05	1.488	-0.431	0.71	86	1976	71.61	1.52E-24	Lower
058-05	1.771	-1.089	1.00	89	1976	0.39	3.14E-126	Middle
058-05	1.619	-1.252	0.99	93	1973	1.61	1.17E-102	Upper
059-03	2.293	-0.526	1.00	58	1982	0.00		Middle
059-03	1.891	-0.957	0.99	61	1982	0.38	1.47E-55	Upper
059-04	1.991	-0.851	0.99	82	1990	0.16	4.31E-91	Lower
059-04	1.784	-1.073	0.99	82	1990	0.22	4.39E-87	Middle
059-04	1.727	-1.135	1.00	86	1990	0.21	6.33E-100	Upper
061-04	1.622	-1.185	0.72	72	1945	11.13	7.14E-21	Lower
061-04	1.791	-1.054	0.96	74	1942	4.15	1.87E-50	Middle
061-04	1.462	-1.404	0.91	78	1942	8.69	1.16E-41	Upper
061-05	2.006	-0.807	0.93	71	1991	25.30	4.60E-41	Lower
061-05	1.945	-0.969	0.93	73	1991	24.35	5.91E-42	Middle
061-05	1.657	-1.262	0.91	79	1991	24.51	1.55E-41	Upper
065-06	2.091	-0.742	1.00	15	1992	0.10	1.01E-18	Upper
070-06	2.087	-0.748	1.00	26	1991	0.00	7.61E-54	Lower
070-06	2.047	-0.793	1.00	27	1991	0.04	7.60E-41	Middle
070-06	1.900	-0.950	0.98	29	1991	1.46	7.31E-24	Upper
073-01	1.466	-1.928	0.51	62	1994	67.08	8.97E-11	Lower
073-01	1.301	-2.049	0.55	67	1994	50.77	5.07E-13	Upper
077-02	1.968	-0.590	0.85	17	1990	6.88	1.38E-07	Lower
077-02	1.790	-1.065	0.98	18	1990	0.95	2.55E-14	Middle
077-02	1.764	-1.084	0.98	22	1990	1.22	1.07E-18	Upper
087-02	1.991	-0.851	1.00	27	1991	0.00		Lower
087-02	2.025	-0.814	1.00	26	1991	0.00		Middle
087-02	1.755	-1.105	0.98	31	1991	0.80	9.96E-28	Upper
090-05	2.157	-0.672	1.00	10	1991	0.00	2.49E-126	Middle
090-05	2.149	-0.674	0.99	13	1991	0.32	3.57E-13	Upper
092-03	1.629	-0.715	0.86	36	1977	20.28	2.88E-16	Lower
092-03	1.772	-1.087	1.00	34	1977	0.13	5.50E-50	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
092-03	1.653	-1.217	0.98	42	1977	3.64	5.25E-35	Upper
097-01	1.633	-1.536	0.60	30	1990	29.03	5.63E-07	Middle
097-01	1.630	-1.567	0.63	36	1990	35.12	9.47E-09	Upper
112-02	0.988	0.085	0.99	51	1957	0.42	2.15E-57	Lower
112-02	1.450	-0.847	0.93	54	1957	14.23	3.93E-31	Middle
112-02	1.547	-1.387	0.94	58	1957	12.33	7.95E-37	Upper
112-03	1.987	-0.733	0.96	60	1989	10.21	2.33E-43	Lower
112-03	1.975	-0.868	1.00	60	1988	0.40	7.78E-84	Middle
112-03	1.788	-1.068	0.97	71	1989	7.43	6.97E-56	Upper
112-04	1.220	0.003	0.87	37	1977	11.75	5.14E-17	Lower
112-04	1.825	-1.025	1.00	36	1977	0.43	6.45E-46	Middle
112-04	1.638	-1.215	0.95	43	1977	8.30	2.90E-28	Upper
112-05	1.597	-1.276	1.00	12	1946	0.01	7.82E-20	Lower
112-05	1.578	-1.296	1.00	13	1946	0.04	7.73E-19	Middle
112-05	1.549	-1.326	1.00	18	1946	0.25	1.97E-20	Upper
112-06	1.837	-0.638	0.83	30	1985	17.49	2.73E-12	Lower
112-06	1.894	-0.951	0.99	32	1985	1.27	4.41E-30	Middle
112-06	1.530	-1.344	0.98	36	1985	2.16	1.62E-29	Upper
112-07	1.659	-0.163	0.59	24	1986	26.97	1.18E-05	Lower
112-07	2.160	-0.669	1.00	22	1986	0.00	4.50E-46	Middle
112-07	2.010	-0.832	0.98	27	1986	1.25	3.35E-24	Upper
113-03	1.365	-0.209	0.86	79	1977	34.07	1.12E-34	Lower
113-03	1.835	-1.015	1.00	80	1977	1.57	4.22E-95	Middle
113-03	1.660	-1.201	0.95	90	1981	16.85	3.46E-60	Upper
114-01	1.302	-0.447	0.77	77	1981	55.62	6.56E-26	Lower
114-01	1.707	-1.151	0.99	80	1981	2.43	7.59E-86	Middle
114-01	1.567	-1.299	0.97	88	1963	10.50	3.15E-67	Upper
114-03	1.629	-1.584	0.54	93	1995	155.25	3.38E-17	Lower
114-03	1.581	-1.633	0.55	93	1995	142.91	1.41E-17	Middle
114-03	1.325	-1.844	0.55	99	1991	109.62	2.00E-18	Upper
117-01	1.459	-0.547	0.52	86	1986	164.37	7.08E-15	Lower
117-01	1.956	-1.199	0.84	88	1986	60.67	1.49E-36	Middle
117-01	1.804	-1.352	0.83	93	1986	59.56	3.45E-37	Upper
117-02	1.420	0.138	0.78	61	1987	41.74	4.71E-21	Lower
117-02	2.044	-0.777	0.99	62	1987	2.39	2.63E-65	Middle
117-02	1.931	-0.901	0.98	67	1987	5.47	2.48E-58	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
117-03	0.978	0.350	0.97	44	1983	1.46	4.84E-34	Lower
117-03	1.850	-0.857	0.98	41	1983	4.53	6.99E-33	Middle
117-03	1.719	-1.130	0.95	50	1983	8.77	5.44E-33	Upper
122-03	1.658	-0.578	0.80	31	1982	23.79	9.06E-12	Lower
122-03	1.896	-0.951	1.00	30	1982	0.24	1.46E-39	Middle
122-03	1.765	-1.091	0.99	36	1982	1.55	4.26E-35	Upper
122-30	1.676	-0.774	0.88	29	1979	14.30	9.46E-14	Lower
122-30	1.765	-1.148	0.94	27	1979	6.41	1.52E-16	Middle
122-30	1.628	-1.281	0.93	39	1981	11.38	1.56E-22	Upper
123-04	1.494	-0.755	0.76	78	1978	73.73	2.61E-25	Lower
123-04	1.810	-1.189	0.94	79	1978	21.78	3.79E-49	Middle
123-04	1.644	-1.364	0.91	89	1976	32.72	4.17E-47	Upper
124-01	1.614	-0.680	0.89	68	1980	31.79	2.06E-33	Lower
124-01	1.804	-1.050	1.00	70	1980	1.31	1.84E-83	Middle
124-01	1.536	-1.336	0.96	74	1980	10.63	6.13E-52	Upper
125-01	1.527	-1.694	0.60	171	1982	226.52	3.52E-35	Middle
125-01	1.461	-1.746	0.61	176	1982	207.39	2.88E-37	Upper
125-03	1.314	-1.853	0.62	11	1990	6.86	4.22E-03	Lower
125-03	1.240	-1.987	0.57	12	1982	8.01	4.58E-03	Middle
125-03	1.639	-1.615	0.77	15	1979	10.89	1.91E-05	Upper
127-02	1.735	-1.538	0.69	133	1987	128.42	1.10E-34	Middle
127-02	1.682	-1.583	0.70	141	1987	127.10	4.77E-38	Upper
128-03	1.679	-1.533	0.64	41	1983	57.17	3.81E-10	Middle
128-03	1.598	-1.620	0.64	44	1983	56.36	9.00E-11	Upper
128-05	1.937	-0.553	0.90	53	1989	24.59	1.13E-27	Lower
128-05	2.021	-0.810	0.99	54	1989	1.53	1.39E-59	Middle
128-05	1.937	-0.910	0.99	59	1989	3.91	7.66E-54	Upper
129-01	1.148	-0.599	0.66	102	1953	113.78	2.14E-25	Lower
129-01	1.640	-1.453	0.92	101	1953	42.04	8.11E-55	Middle
129-01	1.437	-1.666	0.87	112	1953	57.52	4.45E-50	Upper
129-02	1.701	-0.233	0.71	77	1988	76.28	4.93E-22	Lower
129-02	2.104	-0.725	1.00	79	1988	1.25	9.43E-94	Middle
129-02	1.733	-1.127	0.97	82	1988	5.79	8.28E-66	Upper
130-02	1.174	-1.956	0.51	53	1975	51.50	2.05E-09	Lower
130-02	1.066	-2.106	0.50	55	1975	46.63	1.32E-09	Middle
130-02	1.222	-1.949	0.57	59	1975	56.43	6.09E-12	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
131-01	1.258	-0.014	0.83	9	1986	3.75	6.80E-04	Lower
131-01	1.899	-0.950	1.00	7	1986	0.01	1.29E-10	Middle
131-01	1.650	-1.223	0.96	14	1986	1.61	4.22E-10	Upper
132-01	1.295	0.017	0.80	14	1980	7.46	1.54E-05	Lower
132-01	1.832	-1.026	1.00	14	1980	0.23	4.83E-16	Middle
132-01	1.539	-1.335	0.98	18	1980	0.95	1.16E-15	Upper
132-02	1.922	-0.656	0.94	80	1988	23.76	1.32E-48	Lower
132-02	1.931	-0.915	1.00	78	1988	0.44	4.31E-112	Middle
132-02	1.674	-1.175	0.95	90	1992	15.32	9.03E-60	Upper
132-03	0.961	-0.406	0.50	110	1960	150.36	5.36E-18	Lower
132-03	1.651	-1.532	0.86	108	1960	72.75	8.98E-47	Middle
132-03	1.460	-1.725	0.83	116	1960	75.64	1.35E-45	Upper
133-02	1.510	-1.710	0.78	144	1955	96.83	3.71E-49	Middle
133-02	1.409	-1.802	0.77	151	1955	94.44	4.74E-50	Upper
133-03	1.532	-1.558	0.62	71	1988	77.30	3.67E-16	Middle
133-03	1.363	-1.735	0.60	75	1988	74.43	5.04E-16	Upper
134-01	1.477	-0.641	0.87	48	1977	23.86	6.45E-22	Lower
134-01	1.644	-1.221	0.99	50	1972	1.92	2.09E-50	Middle
134-01	1.400	-1.473	0.96	58	1977	7.16	1.39E-40	Upper
135-01	1.023	0.261	0.95	8	1987	0.48	3.24E-05	Lower
135-01	1.398	-0.469	0.78	8	1987	5.25	3.66E-03	Middle
135-01	1.625	-1.184	0.93	13	1987	3.02	1.37E-07	Upper
139-04	1.699	-0.789	0.78	61	1975	32.59	5.58E-21	Lower
139-04	1.738	-1.124	1.00	63	1975	0.10	8.21E-97	Middle
139-04	1.521	-1.358	0.99	65	1981	1.08	2.96E-66	Upper
139-06	1.379	-0.900	0.71	130	1964	148.87	1.63E-36	Lower
139-06	1.668	-1.438	0.93	133	1964	45.34	9.24E-76	Middle
139-06	1.426	-1.687	0.90	139	1964	48.99	1.36E-69	Upper
139-07	1.000	0.126	0.99	48	1964	0.75	1.79E-46	Lower
139-07	1.415	-0.757	0.91	48	1964	12.98	3.36E-26	Middle
139-07	1.418	-1.463	0.93	54	1964	10.15	1.75E-32	Upper
140-01	2.111	-0.715	0.99	31	1990	0.84	8.11E-34	Lower
140-01	1.979	-0.859	0.99	28	1990	0.85	7.15E-29	Middle
140-01	1.657	-1.183	0.92	36	1990	9.52	3.77E-20	Upper
140-02	1.984	-0.567	0.90	30	1990	13.72	1.35E-15	Lower
140-02	2.016	-0.796	0.98	33	1990	2.59	3.53E-29	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
140-02	1.895	-0.911	0.96	38	1990	6.70	5.81E-27	Upper
140-03	1.654	-0.636	0.90	61	1980	27.80	9.81E-31	Lower
140-03	1.793	-1.064	1.00	60	1980	0.90	7.25E-74	Middle
140-03	1.541	-1.329	0.95	67	1980	12.75	2.93E-43	Upper
141-01	1.681	-1.529	0.72	14	1978	15.71	1.21E-04	Middle
141-01	1.463	-1.793	0.68	20	1978	20.62	8.01E-06	Upper
141-02	2.221	-0.603	1.00	28	1982	0.00		Lower
141-02	1.709	-1.156	1.00	27	1982	0.00		Middle
141-02	1.697	-1.168	1.00	31	1982	0.14	3.78E-35	Upper
141-03	0.937	0.012	1.00	106	1962	0.62	1.07E-125	Lower
141-03	1.656	-1.209	1.00	107	1982	0.76	8.37E-148	Middle
141-03	1.404	-1.476	0.94	112	1962	20.65	1.37E-70	Upper
142-02	1.429	-1.763	0.59	55	1984	43.44	7.12E-12	Middle
142-02	1.648	-1.595	0.70	64	1984	54.18	9.76E-18	Upper
144-01	1.656	-1.584	0.72	125	1978	100.69	4.57E-36	Middle
144-01	1.504	-1.722	0.72	131	1978	89.48	1.53E-37	Upper
144-02	0.983	0.504	0.97	86	1991	2.99	1.13E-65	Lower
144-02	1.887	-0.857	0.97	87	1986	10.55	5.69E-67	Middle
144-02	1.588	-1.234	0.94	92	1986	17.60	6.62E-56	Upper
144-03	1.905	-1.138	0.78	73	1959	79.01	1.07E-24	Middle
144-03	1.858	-1.356	0.81	78	1987	64.79	7.63E-29	Upper
144-04	1.700	-0.662	0.76	45	1986	36.98	4.55E-15	Lower
144-04	1.727	-1.126	0.95	43	1986	4.76	8.97E-29	Middle
144-04	1.608	-1.254	0.95	52	1986	7.70	2.30E-34	Upper
145-01	1.372	-0.135	0.80	52	1983	33.66	6.18E-19	Lower
145-01	1.859	-0.980	0.99	54	1983	3.59	8.18E-50	Middle
145-01	1.546	-1.311	0.94	58	1983	12.39	2.41E-35	Upper
146-01	1.472	-1.412	0.98	31	1977	0.68	8.26E-27	Lower
146-01	1.605	-1.268	0.98	33	1978	1.23	4.06E-28	Middle
146-01	1.488	-1.392	0.96	40	1978	4.12	1.15E-28	Upper
147-01	1.929	-0.919	1.00	22	1992	0.04	4.49E-30	Middle
147-01	1.906	-0.944	0.99	23	1992	0.34	1.74E-23	Upper
147-02	1.017	0.202	0.99	36	1973	0.71	2.94E-33	Lower
147-02	1.624	-0.985	0.90	35	1973	13.44	3.59E-18	Middle
147-02	1.603	-1.267	0.97	39	1973	5.06	1.37E-28	Upper
147-03	0.991	0.175	0.97	58	1989	2.55	6.02E-45	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
147-03	1.684	-0.942	0.94	60	1965	16.13	2.23E-37	Middle
147-03	1.709	-1.126	0.97	66	1989	7.98	5.11E-52	Upper
147-04	1.869	-0.745	0.84	25	1986	11.44	1.06E-10	Lower
147-04	1.868	-0.984	0.99	26	1986	0.59	2.99E-27	Middle
147-04	1.591	-1.279	0.97	31	1986	2.71	3.37E-23	Upper
149-05	1.524	-1.716	0.66	86	1975	98.35	1.21E-21	Middle
149-05	1.438	-1.785	0.66	95	1975	101.53	2.19E-23	Upper
153-01	0.767	0.815	0.83	47	1987	6.03	3.50E-19	Lower
153-01	1.704	-0.383	0.78	49	1981	43.24	3.83E-17	Middle
153-01	1.809	-1.348	0.79	57	1987	52.58	1.77E-20	Upper
154-02	1.298	-1.657	0.70	67	1981	21.91	1.81E-18	Upper
154-03	1.681	-0.804	0.91	33	1978	13.06	1.53E-17	Lower
154-03	1.830	-1.024	1.00	30	1978	0.12	1.47E-43	Middle
154-03	1.694	-1.167	0.98	41	1981	3.03	6.26E-36	Upper
154-30	1.143	-2.028	0.52	73	1983	67.97	5.84E-13	Upper
155-01	1.638	-0.693	0.85	36	1977	20.52	1.95E-15	Lower
155-01	1.811	-1.044	1.00	38	1975	0.13	4.68E-57	Middle
155-01	1.637	-1.227	0.97	48	1978	5.85	1.40E-36	Upper
155-02	1.484	-0.370	0.76	43	1975	37.47	2.35E-14	Lower
155-02	1.845	-1.048	0.97	38	1979	4.03	7.88E-30	Middle
155-02	1.770	-1.136	0.94	56	1979	14.25	1.42E-35	Upper
156-01	2.175	-0.614	0.96	35	1975	4.63	3.53E-24	Middle
156-01	2.061	-0.730	0.95	41	1977	6.39	7.32E-28	Upper
156-03	1.359	-1.854	0.68	79	1978	50.04	1.64E-20	Middle
156-03	1.385	-1.838	0.70	87	1965	56.99	3.02E-24	Upper
157-01	0.995	0.072	0.99	15	1957	0.28	5.80E-14	Lower
157-01	1.247	-0.455	0.88	14	1957	4.83	6.53E-07	Middle
157-01	1.630	-1.241	0.99	19	1957	0.67	4.86E-19	Upper
157-02	0.966	0.098	0.99	32	1987	0.53	4.19E-31	Lower
157-02	1.168	-0.379	0.87	38	1957	11.74	1.51E-17	Middle
157-02	1.567	-1.250	0.95	41	1957	7.66	5.66E-27	Upper
158-01	1.395	-0.474	0.85	73	1978	38.69	3.37E-31	Lower
158-01	1.730	-1.111	0.99	74	1951	3.54	6.90E-74	Middle
158-01	1.556	-1.304	0.96	89	1978	14.58	1.06E-61	Upper
159-02	1.719	-1.453	0.63	45	1983	48.34	7.35E-11	Middle
159-02	1.733	-1.450	0.68	51	1983	54.10	1.15E-13	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
161-01	1.533	-1.633	0.68	12	1989	8.59	9.37E-04	Middle
161-01	1.408	-1.785	0.62	17	1989	12.99	1.91E-04	Upper
161-04	2.813	0.036	1.00	32	1990	0.00		Middle
161-04	2.646	-0.144	1.00	33	1990	0.10	1.17E-41	Upper
161-05	1.284	-0.065	0.75	17	1980	9.76	6.25E-06	Lower
161-05	1.937	-0.910	1.00	16	1980	0.01	8.28E-30	Middle
161-05	1.760	-1.103	0.99	20	1980	0.86	7.83E-19	Upper
161-06	1.622	-0.650	0.90	59	1980	24.21	1.99E-30	Lower
161-06	1.809	-1.048	1.00	59	1980	0.26	4.87E-88	Middle
161-06	1.494	-1.389	0.95	67	1980	10.56	1.61E-44	Upper
161-07	2.283	-0.537	1.00	17	1981	0.00	3.25E-234	Middle
161-07	2.213	-0.604	0.98	18	1981	0.60	8.20E-15	Upper
161-08	1.770	-1.398	0.67	112	1980	114.17	5.29E-28	Middle
161-08	1.794	-1.374	0.74	123	1980	109.92	6.22E-37	Upper
161-09	1.173	-1.992	0.52	92	1983	58.65	3.83E-16	Upper
162-01	1.130	0.173	0.85	52	1981	13.61	5.70E-22	Lower
162-01	1.880	-0.969	1.00	50	1981	0.36	1.70E-67	Middle
162-01	1.838	-1.014	1.00	58	1975	0.96	4.36E-69	Upper
164-01	1.362	-0.146	0.58	7	1981	5.81	4.80E-02	Lower
164-01	1.702	-1.154	0.98	10	1981	0.70	5.61E-08	Upper
165-04	1.283	-1.907	0.59	89	1972	75.59	1.54E-18	Middle
165-04	1.287	-1.928	0.62	96	1972	77.60	1.40E-21	Upper
166-05	1.453	-1.859	0.85	11	1936	5.50	4.74E-05	Upper
167-02	1.300	-0.307	0.76	83	1978	56.87	1.20E-26	Lower
167-02	1.713	-1.151	1.00	86	1963	0.26	3.90E-132	Middle
167-02	1.582	-1.291	0.99	90	1963	4.39	1.89E-83	Upper
170-01	1.035	-2.107	0.51	105	1978	82.49	1.52E-17	Upper
170-02	2.056	-0.779	1.00	21	1989	0.25	1.29E-23	Lower
170-02	2.019	-0.820	1.00	22	1989	0.09	7.17E-31	Middle
170-02	1.844	-1.009	0.98	26	1989	1.57	3.47E-22	Upper
171-01	1.506	-1.641	0.50	96	1986	149.09	5.92E-16	Middle
171-01	1.516	-1.632	0.55	102	1986	141.46	5.43E-19	Upper
171-03	2.051	-0.619	0.64	57	1986	19.64	7.81E-14	Lower
171-03	2.238	-0.584	1.00	57	1986	0.07	2.67E-76	Middle
171-03	2.019	-0.819	0.98	62	1986	1.50	2.04E-54	Upper
172-01	1.353	-1.842	0.56	105	1981	121.52	5.08E-20	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
172-01	1.346	-1.853	0.60	112	1981	118.67	2.49E-23	Upper
172-30	1.328	-1.653	0.56	39	1970	55.39	4.64E-08	Lower
172-30	1.360	-1.889	0.65	40	1970	39.37	3.08E-10	Middle
172-30	1.343	-1.891	0.67	43	1970	39.81	1.48E-11	Upper
177-03	1.349	-1.713	0.72	93	1977	47.77	6.46E-27	Middle
177-03	1.235	-1.848	0.74	102	1977	44.32	3.48E-31	Upper
178-02	1.269	-0.632	0.51	93	1981	159.18	9.33E-16	Lower
178-02	1.793	-1.313	0.87	93	1980	51.19	5.22E-42	Middle
178-02	1.696	-1.419	0.85	104	1973	61.19	7.77E-44	Upper
178-03	1.535	-1.631	0.68	119	1981	125.84	1.17E-30	Middle
178-03	1.451	-1.709	0.70	128	1977	118.25	1.56E-34	Upper
185-01	1.791	-0.564	0.75	89	1971	65.84	8.35E-28	Lower
185-01	1.927	-0.920	1.00	89	1981	0.20	3.28E-133	Middle
185-01	1.813	-1.038	0.98	95	1980	5.83	2.86E-78	Upper
187-02	1.109	-2.042	0.59	75	1983	52.67	1.04E-15	Middle
187-02	1.147	-2.004	0.61	78	1983	54.69	2.96E-17	Upper
187-03	1.865	-1.371	0.80	22	1982	17.60	2.20E-08	Middle
187-03	1.686	-1.586	0.81	30	1982	19.88	1.80E-11	Upper
187-04	1.151	-1.873	0.51	157	1990	67.99	7.81E-26	Middle
187-04	1.230	-1.786	0.61	165	1985	66.98	4.60E-35	Upper
188-01	1.980	-0.792	0.93	38	1989	5.70	6.60E-23	Lower
188-01	1.908	-0.938	0.97	36	1990	1.99	7.52E-27	Middle
188-01	1.683	-1.177	0.96	45	1989	4.10	1.03E-32	Upper
190-01	1.537	-1.437	0.79	63	1986	31.38	4.75E-22	Middle
190-01	1.423	-1.569	0.82	71	1983	30.24	4.17E-27	Upper
190-02	1.004	0.169	0.98	90	1984	2.11	1.98E-78	Lower
190-02	1.598	-1.118	0.93	89	1986	23.27	7.40E-51	Middle
190-02	1.479	-1.370	0.94	99	1984	15.85	7.31E-63	Upper
192-01	1.513	-1.366	0.99	25	1989	0.20	1.12E-27	Upper
194-02	1.332	-1.675	0.55	175	1987	90.57	6.58E-32	Upper
194-03	1.838	-0.942	0.74	160	1986	193.30	1.43E-47	Lower
194-03	1.904	-1.250	0.85	162	1988	103.32	8.06E-68	Middle
194-03	1.532	-1.584	0.84	169	1986	74.61	5.05E-69	Upper
194-06	1.677	-1.160	0.68	112	1980	160.24	8.41E-29	Lower
194-06	1.823	-1.443	0.83	111	1978	78.90	3.17E-44	Middle
194-06	1.559	-1.687	0.81	121	1978	73.92	2.42E-45	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
194-07	1.790	-0.752	0.92	53	1984	20.00	1.83E-29	Lower
194-07	1.823	-1.031	1.00	50	1974	1.01	5.37E-58	Middle
194-07	1.517	-1.363	0.98	63	1984	4.43	1.72E-52	Upper
196-02	1.481	-1.661	0.61	38	1989	28.37	6.46E-09	Upper
198-02	1.501	-1.427	0.62	77	1990	39.61	1.68E-17	Middle
198-02	1.639	-1.286	0.78	86	1978	37.60	1.15E-29	Upper
198-03	1.840	-0.815	0.52	41	1980	14.40	8.70E-08	Lower
198-03	1.893	-0.957	1.00	41	1982	0.00		Middle
198-03	1.758	-1.104	0.99	44	1982	0.51	4.06E-42	Upper
198-30	1.370	-1.800	0.56	24	1984	19.39	2.71E-05	Upper
200-02	1.548	-0.353	0.85	92	1983	54.22	2.37E-38	Lower
200-02	1.904	-0.940	1.00	91	1983	0.74	1.13E-125	Middle
200-02	1.651	-1.224	0.96	101	1983	14.33	1.72E-72	Upper
201-03	1.334	-0.416	0.85	100	1987	45.86	8.74E-43	Lower
201-03	1.658	-1.140	0.96	101	1987	16.28	1.47E-72	Middle
201-03	1.392	-1.444	0.94	111	1957	20.43	7.53E-68	Upper
203-02	1.316	-1.729	0.59	78	1982	66.87	2.32E-16	Middle
203-02	1.296	-1.738	0.66	86	1987	63.14	3.08E-21	Upper
203-03	1.568	-1.631	0.75	77	1961	71.11	5.59E-24	Middle
203-03	1.528	-1.662	0.74	83	1961	75.14	2.00E-25	Upper
203-04	1.614	-0.391	0.78	5	1990	4.51	4.74E-02	Lower
203-04	1.892	-0.958	1.00	5	1990	0.02	1.63E-05	Middle
203-04	1.703	-1.096	0.92	10	1990	2.66	9.52E-06	Upper
204-01	1.560	-0.271	0.74	42	1983	37.89	3.62E-13	Lower
204-01	1.858	-0.989	0.98	43	1983	2.45	1.13E-38	Middle
204-01	1.567	-1.304	0.97	47	1983	3.89	1.81E-36	Upper
204-02	1.780	-0.810	0.93	24	1983	7.07	2.56E-14	Lower
204-02	1.833	-1.024	1.00	26	1983	0.37	1.73E-31	Middle
204-02	1.573	-1.308	0.97	30	1983	2.55	5.67E-24	Upper
204-03	1.786	-0.827	0.93	41	1981	13.19	9.77E-24	Lower
204-03	1.670	-1.205	0.98	43	1981	3.06	1.48E-36	Middle
204-03	1.464	-1.419	0.97	49	1992	4.68	8.04E-37	Upper
205-02	1.913	-1.361	0.82	69	1982	52.94	4.80E-27	Middle
205-02	1.652	-1.596	0.81	71	1982	45.34	2.70E-26	Upper
205-03	1.663	-0.489	0.79	34	1988	27.12	1.89E-12	Lower
205-03	1.794	-1.046	0.97	34	1988	3.70	3.77E-26	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
205-03	1.451	-1.412	0.96	39	1988	4.49	1.38E-26	Upper
207-01	1.943	-1.143	0.76	134	1984	160.74	6.28E-43	Lower
207-01	1.804	-1.367	0.76	139	1984	142.21	3.78E-44	Middle
207-01	1.481	-1.658	0.77	147	1995	96.68	3.89E-48	Upper
207-02	1.705	-0.496	0.89	96	1986	42.45	9.69E-47	Lower
207-02	1.769	-1.076	0.98	97	1986	8.95	3.66E-79	Middle
207-02	1.438	-1.436	0.99	102	1986	3.51	4.02E-95	Upper
207-03	1.591	-1.647	0.72	29	1981	22.17	6.05E-09	Middle
207-03	1.469	-1.778	0.73	36	1981	25.36	3.41E-11	Upper
207-05	2.054	-0.783	1.00	5	1982	0.00	7.39E-49	Middle
207-05	1.870	-0.980	0.99	8	1982	0.23	7.93E-08	Upper
207-06	1.000	0.446	0.98	38	1985	0.77	1.22E-33	Lower
207-06	1.855	-0.828	0.97	37	1985	5.28	1.71E-27	Middle
207-06	1.675	-1.187	0.94	46	1985	9.22	1.19E-28	Upper
208-01	1.605	-0.691	0.89	14	1982	5.88	3.34E-07	Lower
208-01	1.719	-1.142	1.00	14	1982	0.20	3.92E-16	Middle
208-01	1.451	-1.426	0.99	19	1982	0.73	2.23E-17	Upper
208-02	0.937	0.382	0.97	13	1975	0.34	5.03E-10	Lower
208-02	0.955	0.244	0.98	14	1975	0.27	1.49E-11	Middle
208-02	1.510	-0.863	0.91	19	1975	4.31	2.10E-10	Upper
210-01	1.538	-0.287	0.84	50	1985	29.48	1.24E-20	Lower
210-01	1.926	-0.904	0.99	52	1985	3.03	1.93E-49	Middle
210-01	1.718	-1.143	0.96	60	1985	9.50	6.37E-42	Upper
210-02	2.098	-0.729	1.00	38	1991	0.69	1.56E-45	Lower
210-02	2.031	-0.799	1.00	38	1991	0.64	9.26E-46	Middle
210-02	1.841	-1.000	0.97	43	1991	5.79	8.59E-32	Upper
211-01	1.074	0.195	0.99	28	1979	0.23	6.27E-31	Lower
211-01	1.826	-0.780	0.94	27	1979	7.00	5.16E-17	Middle
211-01	1.711	-1.154	0.98	31	1979	2.39	3.43E-26	Upper
211-02	1.155	-0.256	0.90	80	1952	16.32	3.09E-41	Lower
211-02	1.627	-1.248	0.99	81	1952	1.86	1.24E-88	Middle
211-02	1.415	-1.474	0.95	89	1954	14.06	1.05E-56	Upper
211-03	1.556	-1.266	0.77	95	1955	103.93	3.51E-31	Lower
211-03	1.661	-1.632	0.89	97	1955	48.26	1.35E-47	Middle
211-03	1.389	-1.848	0.87	101	1955	43.65	1.28E-45	Upper
211-04	1.163	-0.316	0.87	16	1962	5.74	1.79E-07	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
211-04	1.647	-1.223	1.00	15	1962	0.11	1.87E-19	Middle
211-04	1.367	-1.523	0.97	20	1962	1.97	4.58E-15	Upper
213-04	1.985	-1.219	0.82	46	1980	41.12	8.27E-18	Middle
213-04	1.757	-1.465	0.79	47	1980	37.64	6.00E-17	Upper
213-05	1.816	-0.732	0.94	29	1982	8.29	2.94E-18	Lower
213-05	1.808	-1.050	1.00	26	1982	0.04	6.10E-43	Middle
213-05	1.596	-1.282	0.96	35	1982	4.79	4.37E-25	Upper
213-06	1.557	-1.618	0.56	42	1987	60.57	1.46E-08	Upper
213-08	0.981	0.439	0.98	64	1983	1.29	1.12E-54	Lower
213-08	0.944	0.328	0.99	66	1983	0.36	1.45E-73	Middle
213-08	1.724	-0.859	0.92	70	1983	18.56	4.95E-39	Upper
214-01	1.436	-0.576	0.90	98	1982	31.45	8.76E-51	Lower
214-01	1.675	-1.188	0.99	98	1965	2.08	2.90E-111	Middle
214-01	1.381	-1.496	0.95	108	1965	16.27	2.20E-69	Upper
215-01	1.592	-0.523	0.89	70	1983	26.39	6.56E-35	Lower
215-01	1.598	-1.264	0.97	74	1983	7.40	2.59E-56	Middle
215-01	1.359	-1.524	0.99	76	1983	1.75	1.12E-75	Upper
216-01	1.494	-0.462	0.88	49	1978	23.06	7.19E-23	Lower
216-01	1.786	-1.068	0.99	52	1978	1.47	3.20E-57	Middle
216-01	1.430	-1.451	0.96	55	1978	7.43	9.94E-38	Upper
217-01	2.002	-0.839	1.00	17	1989	0.00	3.69E-233	Lower
217-01	1.686	-1.180	0.96	21	1989	1.80	6.39E-15	Upper
217-02	1.358	-0.106	0.85	82	1983	32.95	1.29E-34	Lower
217-02	1.848	-1.002	0.99	84	1989	3.71	1.57E-82	Middle
217-02	1.526	-1.353	0.97	89	1983	7.58	3.07E-68	Upper
218-01	1.018	0.398	0.99	113	1983	0.70	1.11E-123	Lower
218-01	1.203	-0.006	0.89	109	1983	18.79	1.13E-53	Middle
218-01	1.812	-1.043	0.97	123	1983	13.01	1.48E-90	Upper
218-30	0.932	0.637	0.98	24	1982	0.38	3.63E-20	Lower
218-30	0.936	0.488	0.98	24	1982	0.44	1.56E-19	Middle
218-30	1.128	-0.055	0.86	30	1982	5.61	2.70E-13	Upper
219-01	1.503	-0.436	0.76	33	1979	25.38	3.60E-11	Lower
219-01	1.878	-0.973	1.00	34	1979	0.03	2.07E-59	Middle
219-01	1.662	-1.202	0.97	38	1979	3.40	2.42E-30	Upper
219-02	1.422	-0.777	0.61	130	1982	198.74	5.32E-28	Lower
219-02	1.756	-1.278	0.84	127	1982	85.31	6.98E-52	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
219-02	1.482	-1.524	0.82	148	1983	88.91	8.03E-56	Upper
219-03	1.398	-1.815	0.60	78	1977	86.99	5.70E-17	Middle
219-03	1.336	-1.879	0.61	81	1977	82.47	5.45E-18	Upper
219-04	0.856	0.609	0.80	34	1985	6.74	8.92E-13	Lower
219-04	1.894	-0.614	0.89	37	1985	18.14	1.61E-18	Middle
219-04	1.582	-1.340	0.83	41	1985	23.23	9.55E-17	Upper
219-05	1.027	0.139	0.92	102	1982	11.57	2.87E-57	Lower
219-05	1.694	-1.147	0.97	102	1982	12.38	2.06E-76	Middle
219-05	1.453	-1.401	0.95	111	1985	14.06	1.00E-74	Upper
219-07	1.601	-1.556	0.55	128	1970	200.09	1.73E-23	Middle
219-07	1.574	-1.586	0.57	135	1984	191.93	2.68E-26	Upper
219-30	1.616	-1.552	0.83	59	1962	33.09	7.41E-24	Middle
219-30	1.507	-1.654	0.84	66	1962	34.07	9.44E-27	Upper
224-01	0.966	0.307	0.96	63	1986	3.41	9.45E-44	Lower
224-01	1.691	-0.890	0.92	65	1978	21.39	5.28E-36	Middle
224-01	1.528	-1.322	0.94	72	1978	14.18	6.25E-44	Upper
224-02	1.478	-1.148	0.58	76	1979	127.36	1.34E-15	Middle
224-02	1.545	-1.595	0.74	79	1981	69.87	1.78E-24	Upper
226-01	1.664	-1.504	0.62	34	1979	34.26	2.67E-08	Middle
226-01	1.759	-1.440	0.71	45	1979	44.82	4.87E-13	Upper
227-03	1.715	-0.457	0.86	14	1987	8.47	1.69E-06	Lower
227-03	1.830	-1.023	1.00	12	1987	0.21	5.24E-13	Middle
227-03	1.718	-1.121	0.96	20	1987	2.94	4.97E-14	Upper
228-05	1.596	-1.605	0.56	17	1988	17.66	5.49E-04	Lower
228-05	1.826	-1.369	0.69	16	1988	15.67	7.36E-05	Middle
228-05	1.561	-1.659	0.61	20	1988	18.27	5.41E-05	Upper
228-06	1.980	-1.255	0.71	152	1988	164.17	1.52E-42	Middle
228-06	1.673	-1.530	0.69	156	1988	135.35	1.41E-40	Upper
230-02	2.196	-0.212	0.87	31	1980	18.30	1.94E-14	Lower
230-02	2.328	-0.475	0.99	31	1980	1.99	2.16E-28	Middle
230-02	1.992	-0.839	0.96	35	1980	4.40	2.24E-25	Upper
230-03	1.279	-1.919	0.55	53	1979	56.93	2.02E-10	Upper
230-05	1.816	-0.620	0.92	95	1984	35.16	2.27E-53	Lower
230-05	1.916	-0.957	0.98	97	1990	8.46	7.26E-85	Middle
230-05	1.641	-1.256	0.96	104	1984	16.08	8.48E-72	Upper
236-01	1.842	-1.404	0.79	63	1979	52.99	3.83E-22	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
236-01	1.777	-1.474	0.78	67	1979	54.36	2.52E-23	Upper
236-02	1.411	-0.072	0.74	31	1981	27.87	4.43E-10	Lower
236-02	1.835	-1.067	0.96	34	1981	6.10	5.06E-24	Middle
236-02	1.619	-1.249	0.90	39	1991	14.96	7.00E-20	Upper
238-01	1.013	0.512	1.00	4	1976	0.02	2.40E-03	Lower
238-01	1.557	-0.320	0.82	6	1976	4.02	1.34E-02	Middle
238-01	1.651	-1.203	0.95	7	1976	1.37	1.76E-04	Upper
238-02	1.481	-0.427	0.81	31	1981	21.61	4.38E-12	Lower
238-02	1.852	-0.999	1.00	30	1981	0.27	1.75E-39	Middle
238-02	1.673	-1.188	0.97	37	1981	4.19	8.59E-29	Upper
239-31	1.009	0.598	0.99	63	1988	0.82	1.06E-57	Lower
239-31	1.094	0.346	0.85	63	1988	11.40	2.07E-26	Middle
239-31	1.879	-0.957	0.95	69	1988	10.57	1.10E-45	Upper
240-03	1.803	-0.899	0.95	41	1978	8.91	3.37E-27	Lower
240-03	1.725	-1.138	1.00	37	1978	0.51	6.68E-44	Middle
240-03	1.469	-1.411	0.98	47	1978	3.66	1.05E-37	Upper
241-03	2.047	-0.791	1.00	16	1990	0.03	1.87E-24	Lower
241-03	1.958	-0.886	1.00	16	1990	0.05	2.04E-22	Middle
241-03	1.652	-1.215	0.98	21	1990	1.52	5.54E-17	Upper
243-01	1.348	-0.326	0.88	94	1973	32.64	1.10E-44	Lower
243-01	1.718	-1.149	1.00	98	1973	1.21	1.20E-123	Middle
243-01	1.474	-1.420	0.96	99	1973	11.49	7.78E-72	Upper
243-02	1.000	0.303	0.98	34	1979	0.84	2.22E-30	Lower
243-02	1.011	-0.014	0.90	35	1970	6.26	4.50E-18	Middle
243-02	1.558	-1.309	0.97	39	1979	4.65	1.41E-29	Upper
244-01	1.367	-0.567	0.56	42	1984	60.05	1.19E-08	Lower
244-01	1.788	-1.128	0.91	46	1985	15.50	7.32E-25	Middle
244-01	1.518	-1.455	0.85	50	1985	22.85	3.45E-21	Upper
247-01	1.441	-1.763	0.73	79	1983	48.35	1.73E-23	Middle
247-01	1.244	-1.942	0.74	82	1983	36.26	2.90E-25	Upper
247-02	1.336	-0.508	0.53	63	1982	108.13	1.26E-11	Lower
247-02	1.889	-1.377	0.86	65	1982	40.06	6.42E-29	Middle
247-02	1.620	-1.634	0.85	69	1982	35.25	4.37E-29	Upper
249-90	1.526	-0.535	0.68	33	1970	29.22	4.41E-09	Lower
249-90	1.810	-1.046	1.00	32	1970	0.01	5.79E-62	Middle
249-90	1.645	-1.224	0.99	36	1970	0.96	1.60E-35	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
250-03	2.098	-0.735	1.00	35	1989	0.15	9.13E-46	Lower
250-03	2.000	-0.841	1.00	35	1989	0.01	1.04E-62	Middle
250-03	1.822	-1.032	0.97	40	1989	2.54	4.85E-32	Upper
250-04	1.473	-0.063	0.58	48	1988	52.74	3.76E-10	Lower
250-04	1.971	-0.867	0.98	49	1986	2.34	1.82E-43	Middle
250-04	1.651	-1.206	0.96	53	1986	5.73	4.79E-36	Upper
251-01	1.794	-0.667	0.82	32	1985	17.30	1.16E-12	Lower
251-01	1.938	-0.909	1.00	31	1985	0.13	4.70E-42	Middle
251-01	1.712	-1.154	0.97	39	1985	3.25	6.91E-31	Upper
252-02	1.563	-1.592	0.57	24	1987	34.49	2.00E-05	Middle
252-02	1.649	-1.551	0.62	29	1993	41.12	3.71E-07	Upper
252-03	2.193	-0.628	0.99	31	1990	0.60	8.07E-33	Upper
253-03	1.177	-2.035	0.61	21	1975	17.12	2.99E-05	Upper
254-02	2.339	-0.372	0.74	26	1989	6.50	2.10E-08	Lower
254-02	1.789	-1.067	0.99	31	1989	0.60	2.90E-30	Upper
254-03	1.445	-1.631	0.68	79	1989	43.27	7.26E-21	Middle
254-03	1.425	-1.647	0.75	89	1975	45.23	6.93E-28	Upper
254-04	1.411	-1.799	0.54	19	1985	16.55	3.12E-04	Middle
254-04	1.687	-1.525	0.69	23	1985	20.05	8.36E-07	Upper
254-05	1.316	-1.838	0.59	132	1989	103.60	1.19E-26	Middle
254-05	1.385	-1.776	0.63	146	1989	121.13	3.74E-33	Upper
254-07	2.668	-0.120	1.00	40	1990	0.00		Middle
254-07	2.329	-0.488	0.99	41	1990	0.20	8.18E-44	Upper
255-02	1.458	-0.675	0.78	11	1976	7.71	2.95E-04	Lower
255-02	1.720	-1.141	0.99	15	1975	0.64	1.89E-14	Middle
255-02	1.610	-1.255	0.96	18	1976	2.59	5.52E-13	Upper
255-30	1.618	-1.253	1.00	12	1956	0.04	1.09E-16	Middle
255-30	1.496	-1.297	0.91	13	1956	4.11	5.52E-07	Upper
256-02	1.797	-0.908	0.82	31	1980	8.82	1.98E-12	Lower
256-02	1.883	-0.968	1.00	32	1980	0.14	5.08E-40	Middle
256-02	1.537	-1.341	0.99	36	1980	0.40	4.34E-39	Upper
256-04	1.315	-0.459	0.81	41	1974	25.11	1.93E-15	Lower
256-04	1.625	-1.239	0.98	39	1974	2.55	1.58E-34	Middle
256-04	1.398	-1.485	0.98	47	1974	3.38	2.73E-38	Upper
256-05	1.729	-0.863	0.81	36	1984	16.21	1.08E-13	Lower
256-05	1.645	-1.221	0.98	36	1984	1.55	4.48E-30	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-05	1.506	-1.369	0.97	42	1984	3.10	3.32E-31	Upper
260-01	1.464	-1.761	0.68	106	1977	106.94	9.49E-28	Middle
260-01	1.280	-1.914	0.67	113	1977	92.69	1.81E-28	Upper
260-02	1.351	-1.845	0.67	104	1978	76.65	2.57E-26	Middle
260-02	1.229	-1.965	0.70	115	1978	65.46	1.26E-31	Upper
260-03	1.581	-0.466	0.76	95	1979	75.77	2.52E-30	Lower
260-03	1.773	-1.087	1.00	94	1979	0.99	4.45E-115	Middle
260-03	1.488	-1.384	0.98	100	1979	4.84	3.01E-84	Upper
260-04	1.302	-1.892	0.57	83	1979	87.05	1.78E-16	Middle
260-04	1.142	-2.021	0.56	87	1979	72.97	9.08E-17	Upper
260-05	1.899	-0.859	0.96	31	1989	4.08	1.32E-22	Lower
260-05	1.700	-1.168	0.99	29	1989	0.43	2.74E-32	Middle
260-05	1.517	-1.358	0.99	36	1989	1.11	3.39E-34	Upper
260-08	1.953	-0.891	1.00	16	1986	0.08	3.92E-22	Lower
260-08	1.905	-0.944	1.00	16	1986	0.11	4.21E-21	Middle
260-08	1.742	-1.126	0.98	20	1986	1.59	8.13E-17	Upper
261-01	1.751	-0.979	0.69	93	1988	110.42	1.42E-24	Lower
261-01	1.779	-1.304	0.80	91	1986	56.72	4.14E-33	Middle
261-01	1.589	-1.477	0.82	100	1988	48.18	1.05E-38	Upper
261-02	1.243	-1.922	0.62	101	1992	58.60	1.53E-22	Upper
262-03	1.740	-1.276	0.70	41	1989	33.67	7.24E-12	Middle
262-03	1.648	-1.388	0.69	44	1989	36.61	2.43E-12	Upper
262-04	1.302	-1.880	0.56	110	1974	79.81	5.34E-21	Middle
262-04	1.424	-1.772	0.62	120	1974	92.95	7.96E-27	Upper
262-05	2.130	-0.698	0.99	24	1991	0.23	1.70E-25	Middle
262-05	2.037	-0.787	0.95	26	1991	2.82	3.62E-17	Upper
262-30	1.142	-2.049	0.53	44	1979	40.28	1.89E-08	Middle
262-30	1.266	-1.929	0.61	49	1979	46.97	4.63E-11	Upper
263-01	1.421	-1.736	0.55	110	1988	107.95	2.80E-20	Lower
263-01	1.286	-1.908	0.59	108	1988	71.69	2.95E-22	Middle
263-01	1.244	-1.944	0.61	115	1988	71.73	1.00E-24	Upper
263-02	2.048	-0.788	1.00	25	1986	0.13	9.07E-30	Middle
263-02	1.882	-0.971	0.99	29	1986	0.42	8.75E-31	Upper
263-04	1.677	-1.190	1.00	34	1992	0.00		Lower
263-04	1.527	-1.352	0.99	34	1992	0.23	1.12E-35	Middle
263-04	1.572	-1.283	0.93	41	1965	6.40	2.51E-24	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
263-06	1.675	-1.192	1.00	27	1952	0.00		Lower
263-06	1.610	-1.263	1.00	29	1952	0.01	4.02E-53	Middle
263-06	1.537	-1.341	1.00	31	1952	0.15	1.49E-39	Upper
265-01	1.390	-0.356	0.78	20	1976	16.05	2.83E-07	Lower
265-01	1.829	-1.020	0.99	21	1981	0.60	1.10E-22	Middle
265-01	1.542	-1.327	0.95	33	1976	6.32	3.62E-21	Upper
265-02	1.222	0.060	0.81	18	1978	7.52	3.65E-07	Lower
265-02	1.890	-0.961	1.00	17	1978	0.04	1.12E-25	Middle
265-02	1.681	-1.183	0.99	22	1978	0.91	5.92E-21	Upper
266-02	1.541	-0.525	0.81	37	1980	24.94	5.50E-14	Lower
266-02	1.650	-1.216	0.99	37	1991	1.55	2.83E-34	Middle
266-02	1.451	-1.430	0.99	41	1980	1.62	2.55E-37	Upper
267-02	1.303	-1.898	0.56	119	1978	126.56	1.79E-22	Middle
267-02	1.129	-2.058	0.55	125	1978	104.54	8.13E-23	Upper
268-01	1.547	-1.198	0.63	67	1981	39.43	1.22E-15	Lower
268-01	1.317	-1.603	0.79	64	1981	8.14	6.57E-23	Middle
268-01	1.326	-1.616	0.82	72	1981	16.06	9.62E-28	Upper
268-02	1.451	-1.465	0.71	26	1992	5.45	7.83E-08	Lower
268-02	2.071	-0.765	1.00	24	1992	0.00		Middle
268-02	1.662	-1.257	0.80	32	1992	13.81	6.19E-12	Upper
269-02	1.301	-1.926	0.60	53	1966	53.74	9.66E-12	Middle
269-02	1.305	-1.918	0.65	56	1977	50.55	5.96E-14	Upper
269-04	2.067	-0.643	0.94	20	1990	3.95	1.11E-12	Lower
269-04	1.911	-0.928	0.98	25	1990	2.33	2.83E-20	Middle
269-04	1.668	-1.179	0.96	28	1990	3.34	3.23E-20	Upper
269-05	1.049	-2.100	0.54	125	1957	68.25	1.71E-22	Upper
269-07	1.574	-1.328	0.70	31	1983	6.51	4.31E-09	Middle
269-07	1.727	-1.170	0.69	34	1983	16.25	1.31E-09	Upper
269-08	1.380	-1.881	0.70	102	1952	93.39	3.57E-28	Middle
269-08	1.296	-1.938	0.69	107	1952	93.11	1.19E-28	Upper
270-01	1.875	-0.390	0.70	27	1987	26.14	6.33E-08	Lower
270-01	2.034	-0.794	0.97	30	1990	2.30	7.36E-24	Middle
270-01	1.798	-1.038	0.94	33	1987	5.93	2.92E-20	Upper
270-02	1.619	-0.719	0.89	26	1978	12.33	8.84E-13	Lower
270-02	1.617	-1.251	0.99	26	1978	0.54	1.73E-28	Middle
270-02	1.438	-1.441	0.98	31	1978	2.22	3.81E-25	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
270-05	1.315	-1.777	0.57	80	1976	75.60	4.07E-16	Middle
270-05	1.295	-1.771	0.61	87	1976	74.77	2.68E-19	Upper
272-02	1.975	-0.801	0.97	49	1988	5.42	1.45E-38	Lower
272-02	1.903	-0.946	1.00	47	1988	0.41	2.93E-60	Middle
272-02	1.638	-1.228	0.97	55	1988	4.69	6.14E-43	Upper
272-04	1.602	-1.039	0.64	71	1986	111.26	8.49E-17	Lower
272-04	1.672	-1.420	0.78	70	1986	57.84	2.55E-24	Middle
272-04	1.480	-1.630	0.78	82	1985	53.76	5.57E-28	Upper
273-03	1.554	-1.791	0.56	8	1983	7.82	3.20E-02	Upper
274-30	2.152	-0.671	1.00	9	1987	0.13	4.69E-10	Middle
274-30	2.095	-0.731	1.00	12	1987	0.24	3.12E-13	Upper
275-02	1.745	-0.194	0.85	50	1991	29.71	3.21E-21	Lower
275-02	2.070	-0.762	1.00	52	1991	1.02	4.84E-61	Middle
275-02	1.720	-1.116	0.96	56	1991	7.28	1.66E-39	Upper
276-05	1.158	-2.007	0.55	33	1978	28.74	6.99E-07	Middle
276-05	1.164	-2.002	0.60	41	1978	32.28	3.20E-09	Upper
277-01	2.008	-0.685	0.94	42	1988	10.16	8.44E-26	Lower
277-01	1.842	-1.004	0.97	43	1988	3.67	1.57E-33	Middle
277-01	1.645	-1.213	0.96	49	1988	6.51	2.11E-33	Upper
277-03	0.997	-2.157	0.51	65	1973	30.78	1.91E-11	Middle
278-01	1.888	-0.963	1.00	20	1986	0.19	2.99E-23	Lower
278-01	1.698	-1.165	1.00	21	1986	0.16	1.00E-25	Middle
278-01	1.615	-1.251	0.98	26	1986	1.48	5.68E-22	Upper
278-03	1.350	-1.796	0.58	59	1986	63.96	2.06E-12	Middle
278-03	1.162	-1.988	0.58	63	1963	52.12	3.36E-13	Upper
279-01	2.341	-0.473	1.00	28	1973	0.10	2.19E-41	Lower
279-01	2.286	-0.531	1.00	27	1973	0.13	5.69E-38	Middle
279-01	2.180	-0.644	0.99	31	1973	1.46	2.50E-29	Upper
279-04	1.255	-1.870	0.56	97	1994	59.88	1.09E-18	Middle
279-04	1.367	-1.756	0.66	108	1976	64.22	1.47E-26	Upper
280-01	1.841	-1.402	0.74	40	1985	35.63	8.43E-13	Middle
280-01	1.586	-1.635	0.74	43	1985	29.54	1.67E-13	Upper
280-03	1.770	-1.342	0.73	45	1992	34.79	8.56E-14	Middle
280-03	1.697	-1.398	0.79	52	1992	33.05	2.07E-18	Upper
284-01	1.941	-0.905	1.00	23	1984	0.00		Lower
284-01	1.786	-1.074	0.99	26	1984	0.52	1.88E-24	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
284-02	1.455	-1.507	0.60	61	1981	70.04	2.63E-13	Lower
284-02	1.462	-1.716	0.74	61	1981	37.74	9.27E-19	Middle
284-02	1.407	-1.783	0.75	68	1981	39.42	1.11E-21	Upper
284-30	1.559	0.157	0.75	14	1988	11.07	5.68E-05	Lower
284-30	2.222	-0.601	1.00	13	1988	0.15	8.64E-16	Middle
284-30	2.013	-0.827	0.98	17	1988	1.69	1.37E-13	Upper
293-02	1.340	-1.997	0.65	137	1955	140.78	1.55E-32	Middle
293-02	1.343	-1.993	0.66	143	1955	142.93	4.01E-35	Upper
293-03	1.168	-0.312	0.88	18	1955	5.85	9.13E-09	Lower
293-03	1.639	-1.231	1.00	21	1955	0.02	2.32E-36	Middle
293-03	1.554	-1.323	0.99	22	1955	1.22	3.06E-20	Upper
297-01	1.434	-1.602	0.74	20	1980	8.15	1.25E-06	Lower
297-01	1.271	-1.716	0.61	21	1980	9.11	3.32E-05	Middle
297-01	1.507	-1.544	0.78	25	1980	12.38	4.82E-09	Upper
297-03	1.586	-1.410	0.80	15	1958	12.96	6.30E-06	Lower
297-03	1.593	-1.771	0.81	13	1958	8.78	2.92E-05	Middle
297-03	1.678	-1.606	0.89	20	1958	9.85	3.93E-10	Upper
313-01	1.899	-0.950	1.00	22	1987	0.18	4.48E-28	Lower
313-01	1.695	-1.171	0.98	24	1987	1.29	6.19E-21	Middle
313-01	1.419	-1.469	1.00	26	1987	0.25	2.32E-30	Upper
313-02	1.782	-0.722	0.86	41	1985	20.61	3.36E-18	Lower
313-02	1.759	-1.095	0.98	42	1985	2.95	3.01E-34	Middle
313-02	1.528	-1.340	0.97	47	1985	4.41	1.55E-34	Upper
319-01	1.622	-0.722	0.91	37	1976	15.04	1.20E-19	Lower
319-01	1.805	-1.050	1.00	38	1976	0.18	9.87E-56	Middle
319-01	1.547	-1.321	0.95	42	1976	7.84	9.63E-28	Upper
319-30	1.673	-1.194	1.00	18	1963	0.03	1.12E-28	Lower
319-30	1.668	-1.200	1.00	21	1963	0.02	1.75E-36	Middle
319-30	1.459	-1.428	0.96	22	1963	3.40	1.48E-15	Upper
328-03	1.473	-0.910	0.92	17	1956	6.20	1.70E-09	Lower
328-03	1.522	-1.360	0.98	18	1956	1.57	5.24E-15	Middle
328-03	1.366	-1.528	0.96	23	1956	3.05	2.57E-16	Upper
330-01	1.737	-0.824	0.67	59	1981	48.68	2.83E-15	Lower
330-01	1.712	-1.222	0.86	60	1981	15.93	7.13E-27	Middle
330-01	1.666	-1.256	0.86	65	1981	19.81	1.89E-28	Upper
332-03	0.962	0.130	0.99	109	1956	1.79	1.48E-104	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
332-03	0.933	0.007	1.00	108	1956	0.13	1.48E-162	Middle
332-03	1.353	-0.894	0.88	114	1956	40.59	1.18E-53	Upper
334-02	1.367	-1.155	0.60	107	1955	186.87	2.22E-22	Middle
334-02	1.667	-1.644	0.81	115	1955	106.29	6.24E-42	Upper
344-01	1.674	-1.258	0.68	78	1983	84.43	1.86E-20	Lower
344-01	1.733	-1.436	0.78	79	1983	55.73	4.01E-27	Middle
344-01	1.618	-1.529	0.79	85	1983	51.58	3.25E-30	Upper
353-01	1.309	-1.028	0.57	61	1963	110.13	2.64E-12	Lower
353-01	1.673	-1.650	0.80	61	1963	56.89	2.11E-22	Middle
353-01	1.494	-1.771	0.79	66	1963	53.48	1.81E-23	Upper
353-02	1.686	-1.236	0.84	65	1991	27.85	7.36E-27	Middle
353-02	1.600	-1.350	0.82	75	1991	41.38	7.34E-29	Upper
353-03	1.516	-1.483	0.65	52	1978	69.41	7.76E-13	Lower
353-03	1.448	-1.743	0.66	50	1978	51.68	9.86E-13	Middle
353-03	1.529	-1.653	0.74	60	1978	55.49	1.29E-18	Upper
355-01	2.022	-0.817	1.00	25	1975	0.04	7.24E-38	Middle
355-01	2.215	-0.592	0.98	29	1989	2.02	2.83E-24	Upper
361-03	1.404	-1.792	0.64	35	1980	24.48	1.00E-08	Middle
361-03	1.472	-1.755	0.70	42	1980	29.03	6.01E-12	Upper
361-04	1.503	-0.762	0.89	60	1981	29.28	2.11E-29	Lower
361-04	1.670	-1.198	0.99	63	1963	1.75	4.43E-70	Middle
361-04	1.533	-1.339	0.96	71	1981	10.92	4.09E-51	Upper
366-02	1.673	-1.585	0.78	10	1963	9.42	6.65E-04	Upper
377-01	2.365	-0.168	0.59	32	1965	21.10	2.51E-07	Lower
377-01	2.334	-0.481	1.00	31	1965	0.00		Middle
377-01	2.411	-0.391	0.99	36	1965	1.05	1.60E-33	Upper
377-02	1.361	-1.039	0.58	158	1965	258.88	2.36E-31	Lower
377-02	1.627	-1.630	0.85	156	1965	90.56	1.14E-64	Middle
377-02	1.385	-1.834	0.84	166	1965	74.31	9.76E-68	Upper
380-01	1.302	0.131	0.60	15	1985	11.91	7.44E-04	Lower
380-01	2.132	-0.699	1.00	16	1985	0.00	1.46E-222	Middle
380-01	1.859	-0.989	0.97	18	1985	1.88	2.47E-13	Upper
380-03	1.804	-1.567	0.67	9	1994	9.79	6.93E-03	Upper
384-02	1.148	-2.025	0.52	211	1984	130.03	2.53E-35	Upper
385-03	1.438	-1.568	0.56	109	1975	169.48	9.44E-21	Middle
385-03	1.496	-1.708	0.64	112	1975	131.32	1.77E-26	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
385-04	1.964	-1.529	0.59	23	1974	34.34	1.69E-05	Lower
385-04	2.033	-1.475	0.64	22	1974	30.51	7.23E-06	Middle
385-04	1.867	-1.599	0.64	28	1974	32.99	3.20E-07	Upper
385-05	2.179	-0.641	0.99	13	1992	0.43	1.35E-11	Upper
388-02	1.543	-0.449	0.85	33	1983	17.96	1.72E-14	Lower
388-02	1.795	-1.064	0.99	30	1983	1.58	1.62E-28	Middle
388-02	1.429	-1.457	0.98	39	1983	1.62	3.87E-35	Upper
388-03	1.013	0.158	0.99	100	1985	1.68	2.90E-91	Lower
388-03	1.190	-0.286	0.87	104	1976	22.45	1.31E-47	Middle
388-03	1.518	-1.358	0.94	111	1985	16.64	1.22E-68	Upper
389-02	0.966	0.440	0.99	20	1987	0.21	3.91E-18	Lower
389-02	1.486	-0.378	0.88	20	1987	4.62	7.75E-10	Middle
389-02	1.634	-1.195	0.93	26	1987	3.88	2.05E-15	Upper
389-03	1.887	-0.830	0.80	16	1989	3.73	2.86E-06	Lower
389-03	1.940	-0.906	1.00	16	1989	0.05	3.19E-21	Middle
389-03	1.764	-1.093	0.99	21	1989	0.77	4.69E-19	Upper
390-02	1.906	-0.880	0.74	49	1987	60.65	3.51E-15	Middle
390-02	1.970	-1.302	0.83	54	1987	38.83	7.27E-22	Upper
390-03	0.949	0.487	0.96	29	1987	1.06	1.78E-20	Lower
390-03	1.897	-0.920	0.98	25	1987	1.62	1.14E-21	Middle
390-03	1.566	-1.269	0.94	35	1987	5.10	8.56E-22	Upper
392-01	1.755	-0.877	0.92	48	1978	14.30	3.36E-27	Lower
392-01	1.816	-1.039	1.00	50	1978	0.20	3.00E-73	Middle
392-01	1.576	-1.292	0.96	59	1959	7.67	5.74E-43	Upper
392-03	1.065	0.248	0.99	13	1981	0.14	1.66E-12	Lower
392-03	1.430	-0.446	0.89	14	1981	4.16	5.24E-07	Middle
392-03	1.565	-1.329	0.95	19	1981	2.22	1.38E-12	Upper
393-01	0.974	0.373	0.98	83	1981	1.53	6.87E-72	Lower
393-01	1.332	-0.313	0.88	83	1981	21.17	4.07E-39	Middle
393-01	1.538	-1.327	0.93	89	1981	16.11	6.69E-52	Upper
393-02	2.042	-0.535	0.93	27	1991	8.95	2.93E-16	Lower
393-02	2.110	-0.705	0.99	25	1991	0.79	9.66E-27	Middle
393-02	1.824	-0.985	0.91	33	1991	11.00	4.86E-18	Upper
393-03	2.121	-1.273	0.73	91	1995	119.72	1.10E-26	Middle
393-03	1.909	-1.465	0.72	97	1995	105.72	3.47E-28	Upper
395-01	1.218	0.242	0.81	33	1981	13.78	8.79E-13	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
395-01	1.972	-0.871	1.00	35	1981	0.12	2.36E-53	Middle
395-01	1.721	-1.141	0.97	38	1981	4.36	3.70E-29	Upper
395-02	1.055	0.137	0.99	19	1976	0.16	1.37E-19	Lower
395-02	1.583	-0.893	0.94	22	1976	3.60	7.00E-14	Middle
395-02	1.442	-1.437	0.95	25	1976	2.67	1.85E-16	Upper
395-03	1.779	-1.080	1.00	8	1976	0.01	7.27E-12	Lower
395-03	1.737	-1.125	1.00	8	1976	0.00	1.28E-14	Middle
395-03	1.446	-1.440	0.95	12	1976	1.95	1.01E-07	Upper
395-04	1.252	-0.313	0.88	9	1976	2.69	1.99E-04	Lower
395-04	1.676	-1.193	0.98	9	1976	0.66	2.81E-07	Middle
395-04	1.496	-1.387	0.96	15	1976	1.57	1.25E-10	Upper
397-03	2.040	-0.741	0.95	9	1982	1.67	6.17E-06	Middle
397-03	1.725	-1.247	0.88	12	1982	4.15	6.08E-06	Upper
397-05	2.030	-0.809	1.00	21	1986	0.21	2.58E-27	Lower
397-05	1.849	-1.006	0.98	22	1986	1.50	1.32E-19	Middle
397-05	1.588	-1.287	0.98	25	1986	1.49	1.82E-21	Upper
400-30	2.113	-0.720	1.00	19	1989	0.01	2.97E-33	Lower
400-30	2.062	-0.770	1.00	21	1989	0.31	4.72E-25	Middle
400-30	1.878	-0.973	0.97	25	1989	2.78	1.76E-19	Upper
412-02	1.206	-2.115	0.50	16	1993	16.70	2.14E-03	Upper
428-01	1.688	-0.600	0.62	152	1982	236.79	1.67E-33	Middle
428-01	1.924	-1.102	0.79	164	1989	137.79	1.68E-57	Upper
830-08	1.911	-1.294	0.75	48	1988	43.50	1.50E-15	Middle
830-08	1.934	-1.319	0.76	55	1988	50.48	4.59E-18	Upper
831-07	1.807	-1.050	1.00	12	1978	0.01	7.81E-21	Lower
831-07	1.663	-1.209	0.98	13	1978	0.92	5.12E-11	Middle
831-07	1.479	-1.406	0.97	16	1978	1.65	7.41E-12	Upper
832-12	1.029	0.734	0.83	9	1993	1.29	6.03E-04	Lower
832-29	1.059	0.476	0.90	58	1988	7.89	1.10E-29	Lower
832-29	1.972	-0.835	0.98	58	1988	3.79	1.81E-52	Middle
832-29	1.646	-1.188	0.95	64	1988	9.39	1.75E-42	Upper
834-07	1.593	-1.592	0.58	144	1976	174.21	2.00E-28	Middle
834-07	1.439	-1.733	0.61	149	1986	137.27	6.35E-32	Upper
837-06	1.015	0.254	0.98	23	1983	0.78	2.14E-18	Lower
837-06	1.715	-0.679	0.90	23	1974	9.73	5.03E-12	Middle
837-06	1.862	-0.962	0.97	29	1974	3.73	1.42E-22	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-15	1.276	-1.136	0.61	71	1950	94.97	1.05E-15	Lower
837-15	1.592	-1.586	0.87	73	1950	35.00	8.91E-34	Middle
837-15	1.474	-1.680	0.87	78	1959	35.82	5.57E-35	Upper
839-16	0.984	0.358	0.97	48	1981	1.84	4.97E-37	Lower
839-16	1.688	-0.748	0.93	48	1981	13.30	2.21E-28	Middle
839-16	1.548	-1.315	0.96	54	1981	6.79	2.73E-38	Upper
839-17	0.966	0.043	1.00	9	1959	0.06	9.96E-10	Lower
839-17	1.434	-0.786	0.80	8	1959	5.33	2.69E-03	Middle
839-17	1.451	-1.433	0.96	12	1959	1.81	2.35E-08	Upper
840-35	1.390	-0.130	0.59	44	1986	38.47	1.05E-09	Lower
840-35	2.020	-0.817	1.00	44	1979	0.33	7.15E-55	Middle
840-35	1.939	-0.908	1.00	48	1979	0.57	8.89E-57	Upper
840-36	1.021	0.579	1.00	3	1984	0.00	9.68E-17	Lower
840-36	2.015	-0.829	0.98	5	1984	0.50	1.37E-03	Middle
840-36	1.838	-1.024	0.98	6	1984	0.53	1.83E-04	Upper
840-43	1.149	-0.509	0.84	16	1951	7.74	7.11E-07	Lower
840-43	1.536	-1.342	1.00	12	1951	0.24	5.14E-13	Middle
840-43	1.433	-1.450	0.98	21	1951	1.77	3.02E-17	Upper
843-02	0.863	0.086	0.90	6	1982	0.62	4.00E-03	Lower
843-02	1.712	-1.145	0.96	5	1982	0.85	3.78E-03	Middle
843-02	1.638	-1.204	0.93	12	1982	2.49	4.26E-07	Upper
845-02	1.809	-0.808	0.94	29	1979	8.39	4.74E-18	Lower
845-02	1.813	-1.042	1.00	26	1974	0.08	1.45E-39	Middle
845-02	1.666	-1.203	0.99	35	1979	1.61	1.02E-33	Upper
847-02	1.028	0.272	0.98	32	1980	0.55	5.68E-28	Lower
847-02	1.908	-0.766	0.94	32	1982	7.34	6.55E-20	Middle
847-02	1.893	-0.958	0.99	35	1982	0.87	3.33E-37	Upper
849-23	1.617	-0.588	0.86	19	1984	10.64	1.18E-08	Lower
849-23	1.681	-1.189	0.98	22	1984	1.72	2.31E-18	Middle
849-23	1.505	-1.372	0.99	25	1984	1.07	1.20E-22	Upper
849-35	1.804	-0.714	0.94	25	1986	7.25	2.97E-15	Lower
849-35	1.808	-1.046	0.99	26	1986	0.63	1.36E-28	Middle
849-35	1.491	-1.373	0.96	31	1986	3.39	3.31E-22	Upper
849-44	1.040	0.605	0.97	14	1987	0.33	7.76E-11	Lower
849-44	1.030	0.539	0.98	12	1987	0.25	5.72E-10	Middle
849-44	2.020	-0.803	0.95	20	1987	3.51	6.67E-13	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-27	1.670	-0.826	0.89	39	1977	16.51	1.66E-19	Lower
853-27	1.710	-1.153	0.99	37	1977	1.15	8.40E-37	Middle
853-27	1.377	-1.510	0.98	45	1977	2.12	2.06E-39	Upper
853-33	1.559	-1.573	0.80	5	1982	2.67	4.18E-02	Middle
853-33	1.204	-2.020	0.74	10	1982	4.29	1.44E-03	Upper
855-08	1.696	-1.451	0.82	7	1979	5.37	5.33E-03	Middle
855-08	1.508	-1.815	0.75	9	1979	6.93	2.43E-03	Upper
857-22	2.046	-0.785	0.99	13	1992	0.30	6.31E-13	Upper
859-09	2.300	0.155	0.63	86	1993	110.88	1.28E-19	Lower
859-09	1.307	-1.636	0.58	89	1981	47.04	5.11E-18	Middle
859-09	1.155	-1.818	0.61	93	1981	40.90	1.68E-20	Upper
859-10	1.977	-0.865	1.00	23	1951	0.05	1.40E-28	Upper
859-18	1.124	-2.040	0.51	94	1981	85.11	7.54E-16	Upper
860-08	1.503	-0.655	0.86	51	1987	28.88	9.88E-23	Lower
860-08	1.755	-1.099	1.00	46	1973	0.77	8.50E-56	Middle
860-08	1.686	-1.151	0.96	60	1973	9.60	9.92E-44	Upper
861-01	1.282	-0.283	0.71	8	1979	5.34	8.97E-03	Lower
861-01	1.607	-1.257	0.98	10	1979	0.79	7.50E-08	Middle
861-01	1.464	-1.415	0.99	12	1979	0.28	7.35E-12	Upper
861-02	1.601	-1.575	0.63	17	1986	21.40	1.33E-04	Middle
861-02	1.720	-1.531	0.68	22	1986	26.98	2.04E-06	Upper
862-20	1.488	-1.729	0.71	82	1962	62.77	3.06E-23	Middle
862-20	1.489	-1.761	0.70	90	1962	75.60	8.49E-25	Upper
863-02	1.190	0.341	0.84	54	1986	15.75	2.30E-22	Lower
863-02	2.089	-0.744	1.00	54	1986	0.50	4.14E-72	Middle
863-02	1.797	-1.063	0.98	59	1986	4.64	3.40E-49	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-05	0.776	0.693	0.94	155	1986	4.50	3.37E-97	Lower
004-05	0.897	0.440	0.97	156	1986	3.12	1.22E-118	Middle
004-05	0.946	0.276	0.97	161	1986	3.44	5.99E-124	Upper
005-05	0.581	0.583	0.85	31	1980	1.46	2.70E-13	Lower
005-05	0.591	0.495	0.85	29	1980	1.24	8.24E-13	Middle
005-05	0.678	0.256	0.86	37	1980	2.24	1.51E-16	Upper
005-06	0.946	0.508	0.99	6	1977	0.05	6.99E-05	Lower
005-06	0.947	0.330	0.98	4	1977	0.05	7.89E-03	Middle
005-06	1.277	-0.183	0.75	10	1977	3.62	1.21E-03	Upper
008-07	0.780	0.225	0.84	72	1987	6.01	4.74E-30	Lower
008-07	0.774	0.135	0.83	73	1987	6.55	3.21E-29	Middle
008-07	0.911	-0.200	0.73	82	1987	17.80	1.41E-24	Upper
008-08	0.855	0.397	0.87	221	1986	20.46	1.11E-99	Lower
008-08	0.807	0.191	0.83	219	1986	24.70	1.01E-86	Middle
008-08	1.036	-0.374	0.67	235	1986	104.60	6.39E-58	Upper
008-09	0.849	0.455	0.89	403	1988	33.06	6.99E-191	Lower
008-09	0.961	0.079	0.94	400	1986	22.22	6.04E-239	Middle
008-09	1.537	-1.023	0.74	422	1966	315.22	1.50E-123	Upper
009-01	0.394	0.659	0.54	34	1994	5.24	7.26E-07	Lower
009-01	0.916	-0.203	0.60	40	1972	25.21	4.74E-09	Middle
009-01	1.296	-0.986	0.73	51	1962	33.00	1.33E-15	Upper
009-02	0.974	0.279	0.96	299	1969	10.05	9.18E-211	Lower
009-02	0.979	0.063	0.97	300	1969	8.00	7.38E-227	Middle
009-02	1.626	-0.897	0.93	311	1989	53.52	1.08E-179	Upper
009-03	0.945	0.186	0.98	317	1985	6.11	1.94E-257	Lower
009-03	0.947	0.050	0.97	318	1974	6.63	3.34E-254	Middle
009-03	0.875	-0.016	0.93	327	1974	17.16	8.75E-187	Upper
009-04	0.809	0.305	0.94	108	1992	2.31	1.58E-68	Lower
009-04	0.771	0.197	0.96	108	1992	1.41	6.56E-78	Middle
009-04	0.821	-0.004	0.94	114	1992	2.92	7.15E-69	Upper
009-05	1.012	0.578	0.99	105	1988	0.59	1.28E-114	Lower
009-05	1.042	0.420	1.00	105	1988	0.24	2.34E-136	Middle
009-05	1.173	0.095	0.78	110	1988	35.49	2.32E-37	Upper
010-01	0.951	0.436	0.98	267	1974	3.52	2.29E-235	Lower
010-01	0.982	0.249	0.98	266	1974	3.35	2.74E-240	Middle
010-01	1.002	0.062	0.96	275	1989	8.46	5.59E-199	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
010-06	0.779	-0.008	0.88	79	1982	3.95	1.61E-37	Lower
010-06	1.292	-0.827	0.69	81	1982	39.90	1.54E-21	Middle
010-06	1.722	-1.726	0.76	94	1982	57.85	5.34E-30	Upper
012-10	0.912	0.423	0.97	103	1990	1.29	3.95E-78	Lower
012-10	0.888	0.282	0.99	105	1990	0.50	1.64E-97	Middle
012-10	0.898	0.074	0.96	113	1990	1.76	2.65E-80	Upper
012-11	0.969	0.398	0.74	9	1994	1.53	2.79E-03	Upper
013-01	0.874	-0.023	0.86	12	1978	0.73	1.26E-05	Lower
013-01	0.822	-0.052	0.82	26	1971	1.76	1.96E-10	Upper
015-01	0.747	0.415	0.85	68	1977	6.76	2.74E-29	Lower
015-01	0.909	0.064	0.93	58	1977	3.89	1.57E-34	Middle
015-01	1.073	-0.290	0.80	85	1981	23.62	2.09E-30	Upper
019-30	1.019	0.100	1.00	12	1979	0.01	4.82E-16	Lower
019-30	0.985	0.062	1.00	11	1979	0.03	1.02E-12	Middle
019-30	0.936	0.015	1.00	18	1979	0.06	4.13E-20	Upper
019-31	0.960	0.498	0.98	114	1984	1.70	6.33E-95	Lower
019-31	0.966	0.311	0.99	115	1984	0.78	9.22E-116	Middle
019-31	1.008	0.098	0.99	120	1984	0.46	9.50E-137	Upper
021-02	0.614	0.830	0.82	142	1975	10.92	2.92E-53	Lower
021-02	0.938	0.337	0.86	141	1983	18.14	1.85E-61	Middle
021-02	1.096	-0.065	0.66	153	1983	87.03	4.10E-37	Upper
021-05	0.603	0.761	0.86	34	1986	1.72	3.61E-15	Lower
021-05	0.805	0.333	0.92	36	1986	1.89	7.46E-20	Middle
021-05	0.874	0.194	0.81	46	1986	6.02	1.49E-17	Upper
025-08	1.031	0.763	1.00	3	1987	0.00	3.33E-02	Middle
025-08	1.009	0.488	0.99	9	1987	0.09	8.39E-08	Upper
026-09	0.818	0.152	0.95	112	1991	2.48	1.56E-72	Lower
026-09	0.853	-0.010	0.95	104	1991	2.47	9.51E-68	Middle
026-09	0.841	-0.206	0.81	123	1991	12.85	8.38E-45	Upper
027-01	0.927	0.293	0.95	323	1978	14.51	3.90E-215	Lower
027-01	1.024	-0.143	0.70	326	1978	156.29	4.90E-86	Middle
027-01	1.837	-1.392	0.88	330	1978	157.48	4.98E-154	Upper
027-02	0.997	0.281	0.93	237	1988	11.67	6.92E-141	Lower
027-02	0.980	0.089	0.96	242	1988	6.24	2.49E-173	Middle
027-02	0.930	-0.060	0.93	246	1983	11.30	2.39E-142	Upper
027-03	0.854	0.331	0.88	255	1956	24.87	3.90E-119	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
027-03	1.026	-0.209	0.67	256	1986	132.18	3.25E-63	Middle
027-03	1.704	-1.211	0.83	273	1969	158.17	4.06E-106	Upper
027-05	0.729	0.698	0.88	45	1981	1.86	2.95E-21	Lower
027-05	0.744	0.514	0.89	43	1981	1.78	2.97E-21	Middle
027-05	0.744	0.339	0.82	54	1981	4.06	6.73E-21	Upper
028-04	0.835	0.493	0.90	338	1984	21.08	1.23E-170	Lower
028-04	0.896	0.178	0.91	336	1984	20.82	1.56E-179	Middle
028-04	1.420	-0.474	0.78	347	1988	157.58	1.86E-116	Upper
028-05	0.919	0.163	0.92	267	1966	20.56	9.43E-145	Lower
028-05	0.909	-0.016	0.90	269	1978	23.68	2.08E-137	Middle
028-05	1.168	-0.590	0.71	281	1977	152.05	3.04E-77	Upper
029-02	0.715	0.393	0.80	176	1991	13.59	5.06E-62	Lower
029-02	0.772	-0.019	0.90	171	1991	6.53	6.69E-88	Middle
029-02	0.690	-0.246	0.75	182	1991	16.99	3.43E-56	Upper
029-03	0.907	0.338	0.98	100	1974	1.74	1.56E-82	Lower
029-03	0.975	0.073	0.99	97	1973	1.11	9.72E-92	Middle
029-03	1.064	-0.300	0.79	108	1973	30.51	2.68E-37	Upper
029-05	0.793	0.593	0.94	104	1971	4.38	1.82E-64	Lower
029-05	0.929	0.261	0.96	101	1971	3.81	4.02E-71	Middle
029-05	0.942	0.051	0.92	115	1971	9.54	1.04E-62	Upper
029-06	0.865	0.627	0.91	219	1971	16.71	1.34E-113	Lower
029-06	0.932	0.211	0.94	218	1971	11.17	3.55E-137	Middle
029-06	1.459	-0.873	0.69	227	1971	218.37	1.61E-58	Upper
030-01	0.722	0.405	0.85	379	1993	16.65	3.60E-157	Lower
030-01	0.673	0.197	0.84	381	1993	15.78	5.77E-152	Middle
030-01	0.617	-0.108	0.57	390	1993	53.51	4.30E-73	Upper
030-02	0.670	0.502	0.65	22	1993	2.58	5.33E-06	Lower
030-02	0.740	0.158	0.77	22	1993	1.81	8.57E-08	Middle
030-02	0.676	-0.060	0.63	28	1993	3.85	5.34E-07	Upper
030-04	0.981	0.181	0.97	290	1985	6.86	1.42E-218	Lower
030-04	0.958	0.040	0.99	295	1981	2.66	8.10E-280	Middle
030-04	1.308	-0.556	0.87	308	1985	58.85	2.54E-137	Upper
031-01	0.703	0.603	0.88	203	1985	11.29	2.70E-93	Lower
031-01	0.860	0.319	0.88	204	1985	16.98	1.85E-93	Middle
031-01	1.087	-0.044	0.78	215	1985	57.02	1.95E-72	Upper
031-02	0.698	0.601	0.87	391	1983	25.02	8.20E-173	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-02	0.856	0.248	0.86	390	1983	38.42	2.16E-170	Middle
031-02	1.326	-0.455	0.76	399	1983	186.16	1.16E-126	Upper
031-03	0.870	0.148	0.91	55	1983	3.76	6.53E-30	Lower
031-03	1.055	-0.219	0.78	57	1975	17.73	1.20E-19	Middle
031-03	1.697	-1.157	0.95	65	1981	9.83	1.38E-41	Upper
031-04	0.953	0.143	0.96	88	1974	3.47	1.60E-60	Lower
031-04	1.063	-0.292	0.81	89	1974	23.32	8.66E-33	Middle
031-04	1.646	-1.192	0.98	94	1957	6.02	2.44E-76	Upper
031-05	0.952	0.187	0.94	92	1978	3.33	9.11E-56	Lower
031-05	1.802	-0.774	0.95	92	1978	9.59	2.79E-60	Middle
031-05	1.736	-1.464	0.71	97	1978	69.03	1.31E-27	Upper
031-06	0.769	0.530	0.83	348	1983	31.84	2.87E-136	Lower
031-06	0.843	0.110	0.88	346	1983	25.97	7.96E-160	Middle
031-06	1.380	-0.701	0.77	361	1988	160.27	1.49E-115	Upper
031-07	0.863	0.491	0.91	64	1981	4.20	7.69E-35	Lower
031-07	0.938	0.050	0.99	65	1980	0.72	1.52E-60	Middle
031-07	1.127	-0.272	0.82	73	1980	18.35	2.16E-28	Upper
031-08	0.623	0.983	0.86	181	1979	6.48	3.43E-78	Lower
031-08	0.631	0.796	0.90	181	1979	4.36	1.35E-92	Middle
031-08	0.652	0.602	0.88	186	1979	6.11	1.87E-86	Upper
031-09	0.888	0.565	0.91	229	1990	12.17	5.26E-119	Lower
031-09	0.920	0.253	0.96	231	1990	5.78	6.47E-159	Middle
031-09	0.929	0.038	0.96	239	1990	5.52	4.34E-168	Upper
032-01	0.500	0.837	0.78	9	1976	0.64	1.64E-03	Lower
032-01	0.854	0.513	0.77	12	1976	2.12	1.66E-04	Middle
032-01	1.052	-0.043	0.70	15	1976	6.25	9.37E-05	Upper
032-02	0.513	0.905	0.79	49	1976	2.96	8.97E-18	Lower
032-02	0.749	0.537	0.74	47	1976	8.37	6.31E-15	Middle
032-02	1.017	0.157	0.73	55	1976	18.23	1.02E-16	Upper
032-04	0.742	0.478	0.88	215	1988	12.39	1.92E-100	Lower
032-04	0.793	0.271	0.88	213	1987	15.30	3.00E-97	Middle
032-04	0.952	-0.127	0.72	231	1988	62.25	4.54E-65	Upper
033-01	0.745	0.594	0.91	204	1983	10.79	3.08E-107	Lower
033-01	0.928	0.213	0.94	201	1978	11.18	2.94E-122	Middle
033-01	0.954	0.055	0.90	223	1985	21.12	8.65E-113	Upper
033-02	0.736	0.735	0.93	141	1982	5.47	4.62E-81	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
033-02	0.844	0.413	0.93	139	1982	6.48	1.88E-82	Middle
033-02	0.894	0.122	0.92	149	1982	10.00	1.09E-80	Upper
033-03	0.877	0.363	0.95	146	1984	5.31	5.17E-96	Lower
033-03	0.953	0.078	0.98	150	1984	2.38	1.09E-129	Middle
033-03	0.974	-0.146	0.87	160	1979	20.46	5.63E-71	Upper
033-04	0.867	0.465	0.95	188	1979	7.38	4.27E-122	Lower
033-04	0.937	0.173	0.95	193	1979	8.46	6.43E-127	Middle
033-04	1.106	-0.257	0.81	199	1983	54.09	4.68E-73	Upper
034-05	0.794	0.704	0.93	23	1993	0.85	6.59E-14	Lower
034-05	0.951	0.380	0.95	20	1993	0.69	2.19E-13	Middle
034-05	0.990	0.230	0.93	37	1985	1.93	5.97E-22	Upper
034-06	0.785	0.478	0.82	30	1993	3.30	4.47E-12	Lower
034-06	0.969	0.056	0.99	20	1975	0.23	1.79E-18	Middle
034-06	0.966	0.104	0.84	41	1975	5.54	4.37E-17	Upper
035-01	0.997	0.126	0.98	110	1980	1.36	4.15E-100	Lower
035-01	0.931	0.009	1.00	109	1980	0.24	7.45E-135	Middle
035-01	1.227	-0.568	0.87	116	1980	21.25	3.62E-52	Upper
035-02	0.938	0.470	0.98	60	1987	0.60	3.05E-53	Lower
035-02	0.938	0.333	0.99	63	1987	0.34	1.79E-64	Middle
035-02	0.891	0.261	0.98	66	1987	0.72	4.22E-56	Upper
035-03	0.915	0.130	0.94	338	1984	15.67	4.76E-206	Lower
035-03	0.904	-0.048	0.94	337	1991	14.31	5.63E-210	Middle
035-03	1.639	-1.004	0.93	356	1984	55.75	5.56E-212	Upper
035-04	0.637	0.369	0.83	200	1993	8.87	8.95E-79	Lower
035-04	0.634	0.188	0.85	200	1993	8.01	8.94E-83	Middle
035-04	0.569	0.034	0.72	208	1993	14.32	2.67E-58	Upper
036-01	0.883	0.419	0.97	20	1995	0.30	7.32E-15	Lower
036-01	0.915	0.181	0.98	19	1995	0.23	3.68E-15	Middle
036-01	1.034	-0.236	0.77	25	1995	4.51	6.80E-09	Upper
036-04	0.772	0.711	0.91	261	1993	9.90	8.02E-136	Lower
036-04	0.791	0.457	0.93	261	1993	7.97	2.68E-149	Middle
036-04	0.865	0.171	0.81	271	1993	29.27	2.98E-99	Upper
036-05	0.592	0.813	0.83	181	1980	11.80	7.83E-70	Lower
036-05	0.738	0.453	0.82	178	1995	18.78	4.52E-68	Middle
036-05	0.908	0.115	0.82	193	1980	29.62	1.66E-73	Upper
036-06	0.813	0.459	0.93	179	1974	7.61	9.39E-107	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
036-06	0.958	0.083	0.97	178	1974	4.80	1.37E-134	Middle
036-06	1.074	-0.308	0.75	185	1974	64.32	2.76E-57	Upper
037-01	0.979	0.171	0.88	226	1989	23.57	1.28E-105	Lower
037-01	0.987	-0.222	0.53	224	1985	155.86	2.66E-38	Middle
037-01	1.748	-1.185	0.77	237	1989	166.78	4.69E-78	Upper
038-01	0.744	0.393	0.86	103	1972	9.37	1.60E-45	Lower
038-01	1.134	-0.296	0.76	101	1972	42.02	9.09E-33	Middle
038-01	1.582	-1.038	0.90	111	1972	31.72	5.32E-56	Upper
038-02	0.708	0.572	0.92	162	1976	6.47	7.52E-89	Lower
038-02	0.878	0.230	0.93	163	1976	9.00	8.53E-93	Middle
038-02	0.908	-0.052	0.85	168	1976	21.24	7.02E-71	Upper
038-04	0.952	0.370	0.99	173	1981	2.02	4.89E-161	Lower
038-04	1.004	0.145	0.99	172	1981	1.54	1.34E-173	Middle
038-04	1.093	-0.189	0.82	178	1981	41.96	5.03E-68	Upper
039-03	0.816	0.470	0.96	14	1995	0.25	1.61E-09	Lower
039-03	0.843	0.264	0.98	10	1995	0.10	8.77E-08	Middle
039-03	0.829	0.104	0.95	19	1995	0.41	1.83E-12	Upper
039-04	0.609	0.554	0.62	175	1976	24.16	7.08E-38	Lower
039-04	0.669	0.242	0.67	172	1976	22.50	5.37E-43	Middle
040-01	0.988	0.072	0.99	221	1978	1.02	2.70E-249	Lower
040-01	0.942	0.020	1.00	218	1973	0.67	2.78E-261	Middle
040-01	1.193	-0.494	0.87	232	1976	40.02	2.28E-105	Upper
040-02	0.680	0.473	0.84	121	1977	9.77	1.41E-48	Lower
040-02	0.981	-0.047	0.69	124	1977	46.82	3.82E-33	Middle
040-02	1.668	-0.889	0.88	127	1977	44.39	2.44E-58	Upper
040-03	0.987	0.110	0.99	179	1980	1.26	1.27E-182	Lower
040-03	0.935	0.008	1.00	180	1980	0.36	9.96E-229	Middle
040-03	1.540	-0.949	0.94	185	1980	20.30	5.34E-117	Upper
040-04	0.879	0.475	0.86	190	1989	17.44	1.68E-82	Lower
040-04	0.936	0.172	0.82	189	1989	27.03	7.55E-71	Middle
040-04	1.830	-0.909	0.78	197	1989	137.66	1.83E-65	Upper
040-32	0.781	0.379	0.79	12	1985	1.38	1.11E-04	Lower
040-32	0.850	0.165	0.89	15	1985	1.04	1.22E-07	Middle
040-32	0.826	-0.051	0.89	18	1985	1.10	5.31E-09	Upper
041-01	0.898	-0.030	0.99	150	1982	0.98	1.02E-147	Lower
041-01	1.652	-1.122	0.98	144	1983	5.22	8.50E-128	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
041-01	1.628	-1.227	0.99	161	1982	2.28	5.99E-172	Upper
041-03	0.557	0.960	0.78	11	1989	0.83	2.88E-04	Lower
041-03	0.726	0.703	0.79	8	1989	1.01	3.11E-03	Middle
041-03	1.040	0.357	0.83	17	1989	3.01	3.06E-07	Upper
041-04	0.484	1.208	0.79	71	1989	3.58	2.03E-25	Lower
041-04	0.670	0.877	0.75	72	1989	8.89	1.70E-22	Middle
041-04	0.854	0.508	0.80	77	1989	11.72	1.12E-27	Upper
041-05	0.764	0.769	0.87	239	1989	18.30	1.21E-106	Lower
041-05	0.856	0.384	0.91	236	1979	15.77	3.28E-122	Middle
041-05	1.116	-0.153	0.74	253	1980	96.69	1.24E-74	Upper
042-03	1.025	0.149	0.99	209	1981	1.70	1.95E-210	Lower
042-03	0.961	0.038	1.00	207	1981	0.33	2.72E-274	Middle
042-03	1.122	-0.378	0.86	215	1981	34.92	8.07E-93	Upper
042-04	0.973	0.117	0.98	82	1985	1.18	3.97E-69	Lower
042-04	0.938	0.020	1.00	79	1985	0.16	5.40E-98	Middle
042-04	0.945	-0.109	0.93	88	1985	4.03	2.27E-52	Upper
043-02	0.869	0.459	0.94	234	1987	8.73	5.17E-143	Lower
043-02	0.991	0.011	0.68	230	1987	82.74	1.07E-57	Middle
043-02	1.603	-0.867	0.74	242	1995	163.34	1.53E-72	Upper
043-03	1.733	-1.466	0.70	84	1987	87.26	2.81E-23	Upper
043-04	0.950	0.459	0.93	77	1986	5.03	3.07E-44	Lower
043-04	1.046	-0.095	0.60	78	1986	53.61	1.33E-16	Middle
043-04	1.861	-1.380	0.76	82	1986	81.58	2.09E-26	Upper
043-06	0.460	0.867	0.64	281	1988	23.21	6.24E-64	Lower
043-06	0.726	0.437	0.76	282	1988	31.90	1.69E-89	Middle
043-06	0.806	0.116	0.74	290	1988	45.75	2.88E-86	Upper
045-30	1.007	0.135	0.99	89	1976	1.13	1.64E-87	Lower
045-30	1.053	-0.263	0.69	89	1976	51.74	6.66E-24	Middle
045-30	1.748	-1.547	0.81	94	1976	76.13	3.04E-35	Upper
046-04	0.690	0.156	0.77	138	1981	16.35	7.94E-45	Lower
046-04	0.726	-0.162	0.78	144	1967	17.48	6.64E-48	Middle
046-04	0.572	-0.328	0.62	152	1979	23.64	1.06E-33	Upper
046-05	0.739	0.042	0.69	149	1981	34.49	7.11E-39	Lower
046-05	0.717	-0.149	0.63	149	1981	43.06	1.92E-33	Middle
046-06	0.749	0.349	0.84	353	1972	41.04	2.19E-140	Lower
046-06	0.789	0.082	0.82	357	1972	53.30	2.37E-132	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
046-06	1.039	-0.451	0.66	359	1972	210.07	3.57E-86	Upper
047-01	0.587	0.633	0.75	273	1974	18.73	1.86E-84	Lower
047-01	0.611	0.437	0.78	275	1974	17.23	8.73E-93	Middle
047-01	0.704	0.158	0.57	288	1974	65.41	2.28E-54	Upper
047-02	0.888	0.372	0.93	169	1991	8.15	3.57E-97	Lower
047-02	0.953	0.128	0.93	174	1991	9.09	1.27E-101	Middle
047-02	0.833	-0.090	0.73	186	1991	39.23	3.81E-54	Upper
047-03	0.531	0.370	0.52	163	1988	30.46	2.40E-27	Lower
047-05	0.907	-0.019	1.00	7	1953	0.03	2.64E-07	Lower
047-05	0.891	-0.038	1.00	7	1953	0.03	2.31E-07	Middle
047-05	1.589	-1.283	1.00	12	1953	0.09	8.98E-15	Upper
048-02	0.934	0.282	0.81	150	1979	32.02	1.01E-54	Lower
048-02	1.112	-0.284	0.62	149	1979	115.45	7.59E-33	Middle
048-02	1.693	-1.222	0.84	160	1979	87.22	8.06E-65	Upper
048-03	0.937	0.356	0.97	149	1983	3.03	7.81E-118	Lower
048-03	1.002	0.110	0.98	155	1983	2.74	1.76E-130	Middle
048-03	0.909	0.009	0.97	156	1983	3.31	1.27E-119	Upper
050-07	0.780	1.111	0.93	8	1995	0.22	1.05E-04	Lower
050-07	0.788	0.994	0.94	8	1995	0.17	6.32E-05	Middle
050-07	0.734	0.862	0.91	12	1995	0.37	1.37E-06	Upper
051-03	0.923	0.790	0.97	132	1995	1.89	4.02E-102	Lower
051-03	0.948	0.595	0.98	131	1995	1.03	2.85E-119	Middle
051-03	1.012	0.311	0.91	135	1995	7.38	7.22E-73	Upper
051-08	0.950	0.223	0.98	216	1992	2.91	1.52E-179	Lower
051-08	0.963	0.057	0.99	217	1988	1.08	3.72E-227	Middle
051-08	0.904	0.000	0.98	229	1988	2.83	1.58E-188	Upper
052-05	0.643	0.890	0.88	99	1972	2.82	2.96E-47	Lower
052-05	0.644	0.762	0.89	99	1972	2.65	1.20E-48	Middle
052-05	0.666	0.616	0.88	103	1972	3.36	6.19E-48	Upper
052-06	0.650	0.868	0.75	24	1975	1.89	4.17E-08	Lower
052-06	0.885	0.604	0.81	22	1975	2.32	1.09E-08	Middle
052-06	1.074	0.388	0.83	29	1975	3.70	4.53E-12	Upper
052-07	0.963	0.083	0.99	168	1982	1.78	6.16E-158	Lower
052-07	0.906	-0.014	0.99	166	1982	0.69	3.94E-185	Middle
052-07	1.044	-0.320	0.86	173	1982	26.33	7.97E-75	Upper
052-08	0.728	0.176	0.81	275	1975	35.81	2.80E-100	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-08	0.745	-0.152	0.81	273	1975	37.66	5.41E-99	Middle
052-08	1.371	-1.358	0.75	287	1975	181.23	9.40E-89	Upper
052-30	0.685	0.465	0.88	193	1972	7.37	2.78E-89	Lower
052-30	0.685	0.293	0.86	196	1993	8.37	8.39E-86	Middle
052-30	0.747	0.038	0.75	207	1991	22.35	1.25E-63	Upper
053-01	0.819	0.316	0.92	120	1983	5.92	5.60E-67	Lower
053-01	0.822	0.031	0.91	114	1983	6.74	1.19E-59	Middle
053-01	1.325	-0.918	0.84	137	1983	36.19	6.68E-56	Upper
053-02	0.976	0.197	0.97	159	1979	4.65	1.25E-121	Lower
053-02	0.968	0.015	0.96	158	1979	5.91	1.48E-112	Middle
053-02	1.400	-0.739	0.87	172	1979	50.23	4.67E-76	Upper
053-03	0.921	0.212	0.91	304	1981	20.33	2.08E-162	Lower
053-03	0.890	-0.015	0.86	298	1981	30.92	3.19E-130	Middle
053-03	1.464	-1.089	0.89	319	1974	71.54	2.16E-151	Upper
053-04	0.894	0.311	0.97	272	1974	6.67	1.09E-200	Lower
053-04	0.926	0.040	0.98	271	1990	4.93	3.77E-221	Middle
053-04	1.449	-0.834	0.82	285	1974	113.32	1.29E-107	Upper
053-05	0.733	0.894	0.87	26	1972	1.22	3.97E-12	Lower
053-05	0.809	0.578	0.97	22	1994	0.37	3.92E-16	Middle
053-05	0.915	0.314	0.65	35	1993	8.62	3.99E-09	Upper
053-08	0.701	0.528	0.86	232	1990	11.89	1.99E-100	Lower
053-08	0.785	0.168	0.89	229	1990	11.50	3.27E-110	Middle
053-08	1.113	-0.308	0.70	245	1990	84.33	1.30E-65	Upper
054-01	0.912	0.374	0.93	140	1990	5.49	8.67E-84	Lower
054-01	0.940	0.159	0.94	139	1990	5.50	5.32E-85	Middle
054-01	1.201	-0.318	0.72	146	1990	54.46	7.41E-42	Upper
054-02	0.676	0.473	0.78	136	1994	9.63	2.18E-45	Lower
054-02	0.533	0.162	0.81	137	1994	4.94	2.10E-50	Middle
054-02	0.436	-0.053	0.58	142	1994	10.55	4.47E-28	Upper
054-03	0.456	1.036	0.67	11	1994	0.61	2.16E-03	Middle
054-03	0.590	0.063	0.87	12	1994	0.35	1.12E-05	Upper
055-01	0.965	0.039	1.00	36	1960	0.15	1.82E-41	Lower
055-01	0.916	-0.013	1.00	35	1960	0.08	9.40E-44	Middle
055-01	1.305	-0.734	0.91	42	1960	6.94	1.14E-22	Upper
055-02	0.959	0.032	1.00	48	1960	0.17	2.16E-57	Lower
055-02	0.922	-0.008	1.00	47	1960	0.07	4.08E-64	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
055-02	1.131	-0.445	0.89	54	1960	8.14	4.68E-27	Upper
055-03	0.930	0.005	1.00	120	1960	0.50	1.90E-138	Lower
055-03	0.891	-0.038	1.00	123	1960	0.14	2.17E-174	Middle
055-03	1.116	-0.461	0.89	126	1960	18.93	7.96E-62	Upper
055-06	0.521	0.945	0.62	50	1984	7.12	9.87E-12	Lower
055-06	0.686	0.569	0.66	52	1984	11.05	3.70E-13	Middle
055-06	0.809	0.252	0.60	56	1984	20.37	1.91E-12	Upper
055-07	0.974	0.361	1.00	6	1983	0.01	3.93E-06	Lower
055-07	1.012	0.393	1.00	3	1983	0.00	2.93E-18	Middle
055-07	0.916	0.308	0.99	17	1982	0.11	1.52E-15	Upper
056-04	0.836	0.405	0.92	111	1995	4.90	9.25E-63	Lower
056-04	0.931	0.061	0.98	116	1982	1.79	2.13E-95	Middle
056-04	0.873	-0.034	0.97	121	1982	2.31	2.62E-90	Upper
056-05	0.993	0.211	0.95	132	1990	4.16	2.06E-86	Lower
056-05	0.903	-0.007	0.97	129	1990	2.39	6.78E-95	Middle
056-05	1.029	-0.365	0.78	138	1990	25.01	1.41E-46	Upper
056-07	0.934	0.031	0.99	161	1979	1.90	6.79E-153	Lower
056-07	1.244	-0.677	0.89	159	1979	30.46	2.21E-78	Middle
056-07	1.528	-1.296	0.97	177	1952	10.92	3.66E-141	Upper
056-30	0.932	0.399	0.97	141	1990	2.40	6.20E-107	Lower
056-30	0.895	0.191	0.97	141	1990	1.85	3.25E-112	Middle
056-30	0.888	0.008	0.96	147	1990	2.59	2.19E-107	Upper
056-31	0.962	0.108	0.98	78	1986	0.77	9.78E-71	Lower
056-31	0.949	0.048	0.99	77	1986	0.57	3.36E-74	Middle
056-31	0.903	-0.002	0.98	84	1986	0.75	1.04E-75	Upper
057-03	0.718	0.569	0.77	365	1976	61.01	2.16E-119	Lower
057-03	0.922	0.042	0.94	366	1983	21.55	2.88E-226	Middle
057-03	1.470	-1.129	0.74	376	1976	320.60	2.44E-110	Upper
057-04	0.839	0.560	0.93	78	1990	2.77	6.71E-45	Lower
057-04	0.783	0.236	0.92	81	1990	2.68	3.65E-45	Middle
057-04	0.770	-0.096	0.87	84	1990	4.83	8.49E-38	Upper
057-05	0.908	0.271	0.96	247	1972	7.81	2.95E-177	Lower
057-05	0.939	0.052	0.99	250	1981	1.92	7.66E-257	Middle
057-05	1.231	-0.489	0.82	256	1972	87.09	4.21E-95	Upper
057-06	0.737	0.297	0.89	208	1995	7.91	1.22E-101	Lower
057-06	0.714	0.060	0.90	212	1995	6.92	2.08E-107	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
057-06	0.729	-0.196	0.76	213	1995	21.25	1.54E-66	Upper
057-07	0.955	0.141	0.98	182	1983	3.00	1.82E-149	Lower
057-07	0.938	0.026	0.98	182	1983	1.87	3.22E-165	Middle
057-07	1.117	-0.341	0.86	191	1981	28.89	2.34E-83	Upper
057-08	0.717	0.748	0.90	58	1995	1.89	5.69E-30	Lower
057-08	0.719	0.594	0.91	59	1995	1.72	3.68E-32	Middle
057-08	0.711	0.440	0.90	63	1995	2.03	1.79E-32	Upper
058-01	0.891	0.311	0.93	281	1991	8.27	8.66E-163	Lower
058-01	0.925	0.084	0.96	280	1991	5.44	2.11E-190	Middle
058-01	0.835	-0.026	0.95	287	1991	5.24	8.01E-187	Upper
058-02	0.764	0.857	0.86	199	1986	15.39	6.49E-85	Lower
058-02	0.777	0.661	0.89	202	1986	11.55	5.91E-99	Middle
058-02	1.072	0.269	0.93	205	1986	13.52	2.19E-120	Upper
058-03	0.749	0.752	0.90	177	1975	9.88	7.18E-89	Lower
058-03	0.852	0.486	0.90	180	1975	12.17	1.85E-92	Middle
058-03	1.281	-0.062	0.78	183	1975	73.86	1.35E-61	Upper
058-04	0.752	0.612	0.94	166	1975	6.03	5.03E-103	Lower
058-04	0.899	0.255	0.95	166	1975	7.43	2.85E-108	Middle
058-04	1.060	-0.134	0.79	172	1975	51.57	2.91E-60	Upper
058-05	0.974	0.365	0.97	191	1976	4.85	6.03E-153	Lower
058-05	1.008	0.096	0.99	194	1976	2.07	2.06E-193	Middle
058-05	1.288	-0.487	0.82	200	1973	73.39	2.26E-76	Upper
059-02	0.964	0.309	0.93	486	1987	25.86	9.08E-277	Lower
059-02	1.438	-0.726	0.54	489	1987	620.84	3.23E-84	Middle
059-02	1.885	-1.413	0.79	492	1987	340.58	4.92E-167	Upper
059-03	0.805	0.495	0.93	172	1982	7.74	2.92E-99	Lower
059-03	0.892	0.220	0.92	170	1982	10.84	2.21E-93	Middle
059-03	1.561	-0.540	0.83	177	1982	77.75	8.10E-70	Upper
059-04	0.909	0.571	0.96	235	1990	6.02	5.07E-162	Lower
059-04	0.973	0.307	0.96	238	1990	5.96	8.99E-172	Middle
059-04	0.993	0.071	0.94	239	1990	9.96	1.65E-149	Upper
060-01	0.378	0.859	0.94	7	1994	0.06	2.87E-04	Middle
060-01	0.568	0.545	0.53	18	1957	2.64	6.37E-04	Upper
060-02	0.831	0.414	0.94	15	1986	0.40	3.03E-09	Lower
060-02	0.793	0.180	0.97	14	1981	0.19	2.69E-10	Middle
060-02	0.814	0.014	0.90	23	1986	0.98	5.96E-12	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
060-04	0.957	0.169	0.96	221	1990	5.03	5.96E-156	Lower
060-04	0.909	0.012	0.99	225	1990	1.71	8.65E-206	Middle
060-04	0.876	-0.170	0.88	227	1990	15.10	1.14E-103	Upper
061-01	0.591	0.867	0.88	80	1989	3.33	4.11E-37	Lower
061-01	0.857	0.501	0.89	84	1989	6.72	7.25E-41	Middle
061-01	0.935	0.322	0.89	95	1989	8.68	4.62E-46	Upper
061-04	0.655	0.406	0.87	206	1942	17.61	1.50E-92	Lower
061-04	1.093	-0.330	0.71	207	1945	138.22	8.12E-57	Middle
061-04	1.490	-0.982	0.86	215	1942	106.18	3.03E-92	Upper
061-05	0.804	0.688	0.93	218	1993	6.71	2.30E-124	Lower
061-05	0.846	0.475	0.96	219	1991	4.09	1.89E-151	Middle
061-05	0.843	0.312	0.93	227	1991	6.86	5.36E-134	Upper
061-06	0.832	0.329	0.93	165	1992	6.25	1.28E-94	Lower
061-06	0.911	0.045	0.97	167	1992	2.69	4.21E-130	Middle
061-06	0.832	-0.056	0.95	174	1989	4.02	1.36E-116	Upper
061-08	0.527	0.739	0.51	91	1994	13.15	1.22E-15	Lower
061-08	0.534	0.393	0.71	92	1994	5.85	5.55E-26	Middle
061-08	0.508	0.182	0.65	97	1994	7.27	1.18E-23	Upper
063-05	0.851	0.292	0.96	66	1990	1.16	5.04E-47	Lower
063-05	0.943	0.062	0.98	71	1990	0.74	3.17E-61	Middle
063-05	0.880	-0.007	0.98	72	1990	0.85	3.55E-58	Upper
063-07	0.679	0.356	0.84	268	1993	12.90	4.49E-108	Lower
063-07	0.629	0.092	0.86	273	1993	9.77	1.84E-117	Middle
063-07	0.591	-0.207	0.69	274	1993	23.65	3.64E-71	Upper
064-30	0.870	0.401	0.87	66	1993	4.02	4.63E-30	Lower
064-30	0.781	0.193	0.86	70	1993	3.69	4.45E-31	Middle
064-30	0.809	-0.040	0.83	72	1993	5.34	2.47E-28	Upper
065-06	0.724	0.467	0.86	73	1992	3.36	9.34E-32	Lower
065-06	0.686	0.307	0.80	76	1992	4.76	7.92E-28	Middle
065-06	0.575	0.148	0.65	79	1992	7.55	4.37E-19	Upper
066-06	0.463	0.573	0.70	283	1994	15.65	7.62E-75	Lower
066-06	0.629	0.250	0.75	279	1994	21.98	1.52E-85	Middle
066-06	0.833	-0.107	0.67	294	1990	57.73	4.02E-73	Upper
066-07	0.798	0.889	0.97	8	1995	0.06	6.59E-06	Lower
066-07	0.713	0.752	0.95	9	1995	0.10	1.04E-05	Middle
066-07	0.857	0.580	0.85	17	1995	0.88	1.36E-07	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
067-09	0.856	0.286	0.85	73	1990	7.06	5.19E-31	Lower
067-09	0.859	-0.008	0.88	74	1990	5.62	1.64E-34	Middle
067-09	0.953	-0.478	0.53	78	1990	47.22	5.48E-14	Upper
068-04	0.506	0.858	0.68	202	1994	12.98	1.47E-51	Lower
068-04	0.574	0.536	0.87	200	1994	5.08	2.87E-91	Middle
068-04	0.588	0.335	0.85	208	1994	6.98	7.77E-86	Upper
070-05	0.813	0.585	0.93	227	1991	7.15	5.32E-131	Lower
070-05	0.856	0.371	0.96	231	1991	4.88	4.50E-157	Middle
070-05	0.855	0.083	0.83	234	1991	21.28	2.54E-92	Upper
070-06	0.867	0.231	0.91	122	1991	5.81	3.83E-64	Lower
070-06	0.880	0.004	0.97	124	1991	1.72	1.75E-96	Middle
070-06	0.865	-0.173	0.85	130	1991	10.69	2.18E-54	Upper
071-03	0.957	0.120	0.91	69	1990	4.08	3.84E-36	Lower
071-03	0.911	0.012	0.87	69	1990	4.85	6.95E-32	Middle
071-03	0.793	-0.113	0.74	75	1990	10.27	4.36E-23	Upper
073-01	0.519	0.702	0.71	159	1994	9.50	8.41E-44	Lower
073-01	0.521	0.454	0.81	163	1994	5.54	3.33E-60	Middle
073-01	0.503	0.269	0.75	165	1994	7.44	4.42E-51	Upper
073-02	0.517	0.613	0.74	118	1994	5.90	7.07E-36	Lower
073-02	0.509	0.386	0.80	113	1994	4.00	3.36E-40	Middle
073-02	0.505	0.205	0.76	124	1994	5.38	1.43E-39	Upper
073-03	0.819	0.649	0.91	181	1993	6.64	4.48E-95	Lower
073-03	0.817	0.258	0.96	180	1993	2.64	1.02E-127	Middle
073-03	0.755	-0.016	0.85	187	1993	10.25	3.40E-78	Upper
077-02	0.805	0.549	0.92	79	1990	2.66	1.11E-44	Lower
077-02	0.846	0.303	0.97	78	1990	1.24	3.06E-58	Middle
077-02	0.855	0.166	0.96	85	1990	1.56	2.38E-60	Upper
080-01	0.753	0.654	0.93	14	1993	0.30	3.60E-08	Lower
080-01	0.622	0.514	0.88	11	1993	0.21	1.90E-05	Middle
080-01	0.568	0.350	0.70	20	1993	1.39	4.70E-06	Upper
080-02	0.755	0.491	0.83	139	1993	7.21	6.27E-54	Lower
080-02	0.684	0.271	0.84	140	1993	4.97	1.86E-57	Middle
080-02	0.631	0.078	0.81	145	1993	5.86	9.03E-54	Upper
082-03	0.607	0.826	0.82	76	1991	3.85	3.21E-29	Lower
082-03	0.742	0.561	0.81	75	1991	6.23	5.78E-28	Middle
082-03	0.885	0.365	0.84	82	1991	7.68	2.89E-33	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
082-04	0.659	0.876	0.81	168	1994	8.09	2.84E-62	Lower
082-04	0.640	0.652	0.83	165	1994	6.58	3.97E-65	Middle
082-04	0.610	0.431	0.73	172	1994	11.45	4.45E-50	Upper
083-06	0.851	0.786	0.97	6	1989	0.10	3.14E-04	Lower
083-06	1.042	0.754	0.98	5	1989	0.05	9.04E-04	Middle
083-06	0.970	0.535	0.98	10	1989	0.13	3.00E-08	Upper
087-02	0.730	0.367	0.87	152	1991	6.90	1.85E-69	Lower
087-02	0.736	0.175	0.92	151	1991	4.27	1.32E-82	Middle
087-02	0.787	-0.044	0.90	158	1991	6.30	1.42E-80	Upper
088-03	0.888	0.367	0.97	16	1991	0.28	9.75E-12	Lower
088-03	0.844	0.264	0.97	16	1991	0.20	2.21E-12	Middle
088-03	0.846	0.116	0.95	22	1991	0.48	8.46E-15	Upper
089-01	0.786	0.646	0.92	137	1993	3.74	1.38E-77	Lower
089-01	0.701	0.401	0.90	137	1993	4.09	4.65E-69	Middle
089-01	0.663	0.214	0.84	143	1993	6.49	5.81E-58	Upper
089-05	0.631	1.020	0.79	14	1990	0.86	1.96E-05	Lower
089-05	0.682	0.830	0.82	14	1990	0.90	9.69E-06	Middle
089-05	0.764	0.416	0.91	19	1990	0.64	2.39E-10	Upper
090-05	0.755	0.579	0.92	54	1991	1.46	7.05E-31	Lower
090-05	0.749	0.483	0.93	53	1991	1.31	3.79E-31	Middle
090-05	0.780	0.307	0.93	60	1991	1.61	4.10E-35	Upper
092-03	0.992	0.118	0.99	143	1977	1.24	1.86E-141	Lower
092-03	0.956	0.039	1.00	143	1977	0.49	1.52E-167	Middle
092-03	0.979	-0.175	0.91	149	1977	12.29	1.85E-77	Upper
097-01	0.711	0.712	0.93	60	1990	1.89	2.19E-34	Lower
097-01	0.755	0.402	0.91	57	1990	2.71	7.95E-30	Middle
097-01	0.883	0.132	0.90	66	1990	4.32	8.41E-34	Upper
098-02	0.703	0.472	0.86	77	1994	3.45	2.37E-33	Lower
098-02	0.707	0.170	0.90	82	1994	2.50	1.53E-41	Middle
106-03	0.389	0.696	0.59	77	1994	4.32	2.44E-16	Lower
106-03	0.375	0.512	0.60	81	1994	4.13	1.84E-17	Middle
106-03	0.463	0.238	0.68	83	1994	4.58	1.25E-21	Upper
110-02	0.928	0.397	0.97	17	1989	0.30	2.65E-13	Lower
110-02	0.901	0.284	1.00	16	1989	0.04	1.19E-17	Middle
110-02	0.987	0.082	0.99	22	1989	0.13	1.70E-22	Upper
112-02	0.967	0.178	0.98	93	1980	1.84	2.50E-79	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
112-02	0.954	0.030	1.00	92	1957	0.20	3.14E-122	Middle
112-02	1.276	-0.725	0.88	103	1957	22.61	9.38E-49	Upper
112-03	0.881	0.507	0.92	217	1988	9.99	1.68E-118	Lower
112-03	0.923	0.235	0.91	209	1988	11.19	4.47E-112	Middle
112-03	0.953	0.046	0.91	228	1989	13.45	1.35E-119	Upper
112-04	0.989	0.372	1.00	83	1977	0.30	2.52E-97	Lower
112-04	0.997	0.209	0.99	84	1977	0.47	6.20E-91	Middle
112-04	0.986	0.068	0.99	89	1977	0.52	3.69E-95	Upper
112-05	0.920	0.096	0.98	18	1946	0.40	1.66E-14	Lower
112-05	1.547	-1.329	1.00	22	1946	0.11	6.78E-29	Middle
112-05	1.461	-1.422	0.99	24	1946	0.56	1.37E-23	Upper
112-06	0.975	0.183	0.98	141	1985	2.45	1.64E-113	Lower
112-06	0.954	0.048	0.99	145	1985	0.84	3.54E-149	Middle
112-06	0.928	-0.060	0.94	147	1985	5.43	2.05E-92	Upper
112-07	0.912	0.360	0.87	46	1986	5.65	9.07E-21	Lower
112-07	1.328	-0.190	0.74	45	1986	26.80	3.90E-14	Middle
112-07	1.960	-0.933	0.97	51	1986	4.75	1.06E-40	Upper
113-03	0.974	0.261	0.98	193	1977	3.66	7.70E-157	Lower
113-03	0.979	0.048	0.98	200	1977	3.74	1.94E-163	Middle
113-03	1.348	-0.610	0.88	204	1981	39.65	9.89E-96	Upper
114-01	0.956	0.069	0.98	307	1981	5.31	1.24E-260	Lower
114-01	1.103	-0.396	0.88	311	1981	47.39	8.81E-144	Middle
114-01	1.567	-1.261	0.99	318	1963	8.58	7.61E-306	Upper
114-02	0.879	0.475	0.91	216	1995	10.13	8.67E-113	Lower
114-02	0.859	0.201	0.96	215	1995	4.19	1.65E-148	Middle
114-02	0.842	-0.020	0.94	226	1991	6.45	9.24E-136	Upper
114-03	0.938	0.526	0.94	240	1995	8.11	1.02E-147	Lower
114-03	0.939	0.291	0.96	242	1995	5.02	2.56E-172	Middle
114-03	0.913	-0.017	0.89	250	1995	14.71	4.05E-123	Upper
117-01	0.853	0.605	0.94	181	1986	6.36	7.84E-114	Lower
117-01	0.920	0.280	0.96	182	1986	4.92	2.93E-129	Middle
117-01	1.046	-0.193	0.75	190	1986	56.17	4.25E-58	Upper
117-02	0.924	0.622	0.96	162	1987	3.65	1.50E-116	Lower
117-02	0.934	0.218	0.96	164	1987	3.93	5.39E-118	Middle
117-02	1.003	-0.086	0.89	173	1987	14.51	1.17E-84	Upper
117-03	0.958	0.505	0.98	84	1983	1.25	3.18E-70	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
117-03	0.957	0.300	0.99	88	1983	0.40	1.14E-95	Middle
117-03	0.979	0.063	0.99	90	1983	0.61	6.42E-91	Upper
122-03	0.924	0.043	0.96	129	1982	3.51	7.07E-91	Lower
122-03	1.415	-0.882	0.91	127	1982	18.77	2.04E-67	Middle
122-03	1.567	-1.287	0.99	135	1982	2.73	3.02E-133	Upper
122-30	0.936	0.214	0.97	109	1981	2.30	2.93E-85	Lower
122-30	0.950	0.059	0.98	109	1979	1.57	9.94E-94	Middle
122-30	0.933	-0.057	0.93	119	1981	5.96	3.72E-71	Upper
123-04	0.879	0.435	0.93	196	1976	10.13	5.80E-117	Lower
123-04	0.989	0.084	0.98	192	1976	3.55	1.36E-164	Middle
123-04	1.078	-0.249	0.81	211	1976	52.50	8.63E-78	Upper
124-01	0.982	0.277	0.98	199	1980	2.36	2.36E-181	Lower
124-01	0.998	0.082	1.00	200	1980	0.40	7.34E-259	Middle
124-01	1.000	-0.088	0.93	205	1980	12.30	1.80E-119	Upper
124-02	0.631	0.835	0.90	120	1994	2.99	1.35E-59	Lower
124-02	0.630	0.668	0.92	123	1994	2.38	3.72E-67	Middle
124-02	0.608	0.467	0.88	126	1994	3.53	5.94E-58	Upper
124-03	0.528	0.798	0.74	245	1989	19.18	4.36E-73	Lower
124-03	0.734	0.387	0.77	244	1989	31.99	2.83E-78	Middle
124-03	0.933	-0.018	0.71	250	1989	70.47	7.43E-69	Upper
125-01	0.943	0.356	0.94	310	1982	15.22	2.87E-187	Lower
125-01	0.987	0.029	0.96	310	1982	11.30	1.29E-211	Middle
125-01	1.354	-0.801	0.67	316	1982	239.05	1.14E-76	Upper
125-02	0.582	0.629	0.78	55	1975	2.88	2.90E-19	Lower
125-02	0.704	0.317	0.93	56	1975	1.26	2.45E-32	Middle
125-02	0.770	0.039	0.93	60	1975	1.46	1.60E-35	Upper
125-03	0.730	0.666	0.95	30	1976	0.73	7.95E-20	Lower
125-03	0.825	0.462	0.94	34	1976	1.27	1.46E-20	Middle
125-03	0.922	0.219	0.95	40	1979	1.46	2.31E-26	Upper
125-04	0.962	0.341	1.00	6	1978	0.00	8.15E-08	Lower
125-04	0.944	0.323	1.00	9	1978	0.01	2.82E-11	Middle
125-04	1.033	0.112	1.00	12	1978	0.05	6.94E-13	Upper
126-01	0.668	0.564	0.89	256	1987	10.79	1.50E-123	Lower
126-01	0.847	0.209	0.91	259	1991	14.56	8.41E-134	Middle
126-01	0.867	0.031	0.89	266	1987	18.37	5.88E-129	Upper
127-01	0.734	0.669	0.90	120	1990	4.99	3.13E-60	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
127-01	0.804	0.334	0.87	117	1990	7.50	3.13E-53	Middle
127-01	1.173	-0.141	0.71	128	1990	47.07	7.19E-36	Upper
127-02	0.892	0.558	0.85	237	1987	26.80	8.25E-98	Lower
127-02	1.039	0.027	0.80	238	1987	52.33	2.62E-83	Middle
127-02	1.885	-1.305	0.81	247	1987	164.07	2.28E-89	Upper
128-03	0.914	0.605	0.95	69	1983	2.55	4.21E-45	Lower
128-03	0.915	0.322	0.94	67	1983	2.67	1.27E-42	Middle
128-03	1.128	-0.280	0.70	75	1983	33.03	7.96E-21	Upper
128-05	0.792	0.672	0.90	176	1989	7.49	1.54E-90	Lower
128-05	0.748	0.306	0.89	177	1989	7.65	3.20E-87	Middle
128-05	0.758	-0.010	0.88	182	1989	9.26	2.89E-84	Upper
129-01	0.837	0.254	0.96	189	1953	6.85	1.04E-131	Lower
129-01	0.880	0.031	0.98	185	1953	4.50	8.74E-149	Middle
129-01	1.211	-0.669	0.87	202	1953	53.03	9.18E-90	Upper
129-02	0.941	0.436	0.98	276	1988	4.15	2.44E-226	Lower
129-02	0.926	0.242	0.98	276	1988	2.94	1.12E-244	Middle
129-02	0.948	-0.054	0.90	281	1988	19.07	1.45E-144	Upper
130-02	0.589	0.685	0.75	109	1975	13.12	6.67E-34	Lower
130-02	0.835	0.126	0.67	111	1975	39.15	3.75E-28	Middle
130-02	1.562	-0.900	0.83	115	1975	58.01	1.34E-45	Upper
131-01	0.989	0.379	0.99	24	1986	0.11	3.04E-25	Lower
131-01	1.005	0.241	0.99	22	1986	0.14	3.46E-22	Middle
131-01	1.001	0.088	0.99	30	1986	0.27	5.32E-28	Upper
132-01	0.826	0.139	0.75	42	1980	8.23	1.16E-13	Lower
132-01	0.784	-0.068	0.65	42	1980	10.81	1.01E-10	Middle
132-01	0.728	-0.137	0.60	48	1980	14.80	1.31E-10	Upper
132-02	0.886	0.474	0.96	270	1992	6.17	5.32E-184	Lower
132-02	0.883	0.237	0.96	272	1988	5.12	1.12E-194	Middle
132-02	0.913	-0.051	0.89	281	1988	17.55	1.73E-137	Upper
132-03	0.947	0.242	0.98	170	1960	4.19	7.95E-146	Lower
132-03	0.948	0.053	0.99	169	1960	1.40	9.91E-184	Middle
132-03	1.041	-0.320	0.87	176	1960	39.60	8.87E-79	Upper
133-01	0.868	0.875	0.97	23	1966	0.36	2.74E-17	Lower
133-01	0.844	0.796	0.97	21	1966	0.28	5.48E-16	Middle
133-01	0.846	0.684	0.96	27	1966	0.53	7.26E-19	Upper
133-02	0.825	0.525	0.96	246	1966	7.27	6.75E-168	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
133-02	0.916	0.226	0.94	253	1966	12.10	1.58E-158	Middle
133-02	1.014	-0.160	0.72	258	1955	95.60	2.28E-73	Upper
133-03	0.666	0.628	0.87	149	1988	8.97	1.22E-66	Lower
133-03	0.875	0.239	0.90	149	1988	11.10	8.38E-76	Middle
133-03	0.869	0.041	0.88	156	1988	14.37	1.86E-72	Upper
134-01	0.975	0.210	0.98	135	1977	2.33	1.38E-114	Lower
134-01	0.957	0.044	0.99	137	1972	0.96	6.03E-141	Middle
134-01	0.918	-0.079	0.95	147	1977	5.83	9.56E-95	Upper
135-01	0.948	0.451	0.96	23	1987	0.59	3.42E-16	Lower
135-01	0.946	0.257	0.99	23	1987	0.11	7.36E-24	Middle
135-01	1.001	0.101	0.99	29	1987	0.19	9.33E-29	Upper
139-01	0.706	0.641	0.84	125	1987	9.06	3.70E-51	Lower
139-01	0.862	0.316	0.87	126	1987	10.62	2.10E-57	Middle
139-01	1.140	-0.068	0.77	131	1987	39.69	1.23E-42	Upper
139-02	0.671	0.529	0.85	117	1987	7.21	3.23E-49	Lower
139-02	0.812	0.261	0.84	115	1987	11.22	1.21E-46	Middle
139-02	0.982	-0.027	0.77	123	1987	27.34	2.31E-40	Upper
139-03	0.840	0.656	0.93	142	1994	4.08	3.33E-82	Lower
139-03	0.823	0.414	0.94	141	1994	3.24	6.09E-87	Middle
139-03	0.828	0.094	0.74	147	1994	19.08	7.98E-44	Upper
139-04	0.976	0.211	0.97	154	1975	4.58	7.13E-117	Lower
139-04	0.938	0.023	1.00	151	1975	0.61	6.89E-176	Middle
139-04	1.136	-0.412	0.79	161	1981	54.23	1.11E-55	Upper
139-05	0.663	0.601	0.82	99	1993	5.05	2.06E-38	Lower
139-05	0.739	0.350	0.93	99	1993	2.42	9.68E-57	Middle
139-05	0.688	0.145	0.82	105	1993	5.93	3.51E-40	Upper
139-06	0.837	0.313	0.95	275	1964	11.95	1.16E-178	Lower
139-06	0.873	0.014	0.98	276	1964	6.01	3.46E-224	Middle
139-06	1.239	-0.697	0.86	286	1964	79.71	1.02E-124	Upper
139-07	0.992	0.189	0.99	78	1964	0.73	4.46E-78	Lower
139-07	0.929	0.004	0.99	79	1964	0.51	7.28E-84	Middle
139-07	1.500	-1.232	0.97	84	1964	5.56	1.87E-64	Upper
140-01	0.878	0.455	0.92	113	1990	4.65	4.20E-64	Lower
140-01	0.979	0.080	0.99	108	1990	0.57	3.64E-112	Middle
140-01	0.975	-0.110	0.90	119	1990	8.16	2.01E-60	Upper
140-02	0.913	0.338	0.93	111	1990	4.35	1.27E-65	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
140-02	0.945	0.035	0.99	111	1990	0.43	1.63E-120	Middle
140-02	1.068	-0.304	0.85	122	1990	16.66	1.23E-50	Upper
140-03	0.999	0.171	0.98	190	1980	2.81	3.78E-165	Lower
140-03	0.983	-0.068	0.95	189	1980	8.28	1.40E-120	Middle
140-03	1.672	-1.188	1.00	196	1980	2.07	2.49E-227	Upper
141-01	0.946	0.342	0.97	27	1978	0.54	1.64E-21	Lower
141-01	0.959	0.241	0.97	23	1978	0.50	2.73E-18	Middle
141-01	0.962	0.020	0.98	33	1978	0.62	8.86E-27	Upper
141-02	0.873	0.747	0.97	104	1982	1.59	6.76E-79	Lower
141-02	0.875	0.583	0.98	105	1982	1.22	6.01E-86	Middle
141-02	0.872	0.413	0.97	108	1982	1.64	4.96E-82	Upper
141-03	0.973	0.097	0.99	211	1982	2.52	5.93E-201	Lower
141-03	0.908	-0.019	1.00	211	1962	0.73	1.33E-249	Middle
141-03	1.535	-1.189	0.97	220	1962	16.57	5.54E-166	Upper
142-02	0.695	0.695	0.92	116	1984	4.77	2.42E-64	Lower
142-02	0.838	0.355	0.93	115	1984	5.94	2.09E-67	Middle
142-02	0.889	0.091	0.94	122	1984	5.80	6.65E-76	Upper
142-04	0.816	0.457	0.79	12	1989	1.33	1.10E-04	Lower
142-04	0.810	0.320	0.80	16	1989	1.75	2.84E-06	Middle
142-04	0.861	0.019	0.81	18	1989	1.96	3.58E-07	Upper
143-06	0.708	0.967	0.88	82	1977	3.05	9.03E-39	Lower
143-06	0.882	0.773	0.89	77	1984	3.79	1.97E-38	Middle
143-06	0.955	0.500	0.87	90	1984	6.79	5.07E-41	Upper
144-01	0.942	0.223	0.93	222	1978	14.09	1.17E-127	Lower
144-01	1.025	-0.199	0.68	222	1978	102.41	1.19E-55	Middle
144-01	1.823	-1.373	0.83	228	1978	144.58	2.78E-88	Upper
144-02	0.926	0.562	0.98	177	1986	2.12	5.08E-151	Lower
144-02	0.948	0.401	0.98	176	1986	1.69	2.63E-159	Middle
144-02	0.923	0.261	0.96	186	1986	3.99	3.67E-135	Upper
144-03	0.939	0.459	0.93	89	1987	5.73	1.57E-51	Lower
144-03	1.371	-0.454	0.58	95	1987	123.05	2.63E-19	Middle
144-03	1.928	-1.281	0.84	98	1987	63.62	1.32E-40	Upper
144-04	0.895	0.335	0.96	201	1986	4.80	2.05E-140	Lower
144-04	0.894	0.156	0.97	200	1986	3.11	1.24E-158	Middle
144-04	0.907	0.008	0.98	210	1986	2.96	1.33E-170	Upper
145-01	0.961	0.325	0.97	148	1983	3.66	1.24E-108	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
145-01	0.990	0.079	1.00	147	1983	0.50	2.52E-171	Middle
145-01	0.928	0.012	0.99	154	1983	0.91	3.73E-157	Upper
145-02	0.880	0.355	0.98	89	1976	1.65	1.01E-75	Lower
145-02	0.942	0.126	0.98	87	1976	1.70	3.17E-75	Middle
145-02	0.907	0.018	0.99	94	1976	1.31	1.45E-86	Upper
146-01	0.905	0.062	0.97	160	1978	3.06	1.06E-125	Lower
146-01	1.247	-0.564	0.88	159	1978	29.63	5.46E-73	Middle
146-01	1.622	-1.183	0.98	175	1978	7.26	2.58E-150	Upper
147-01	0.866	0.095	0.90	114	1992	5.05	5.46E-59	Lower
147-01	0.768	-0.127	0.95	114	1992	2.00	2.83E-75	Middle
147-01	0.631	-0.266	0.81	120	1992	6.20	1.33E-44	Upper
147-02	0.992	0.205	0.96	65	1973	2.79	3.45E-46	Lower
147-02	0.989	-0.009	0.97	65	1973	2.46	1.25E-47	Middle
147-02	1.688	-1.015	0.96	70	1973	9.67	4.77E-48	Upper
147-03	0.828	0.150	0.83	204	1989	25.15	7.34E-79	Lower
147-03	0.803	-0.018	0.86	204	1965	18.47	3.27E-89	Middle
147-03	0.994	-0.491	0.76	215	1989	57.35	1.65E-67	Upper
147-04	0.950	0.317	0.97	123	1986	2.38	2.51E-94	Lower
147-04	0.972	0.069	0.99	121	1986	0.75	2.31E-122	Middle
147-04	0.904	-0.003	0.99	129	1986	1.07	3.60E-119	Upper
147-05	0.860	0.220	0.88	51	1978	3.25	1.19E-24	Lower
147-05	1.100	-0.303	0.77	53	1978	13.30	1.12E-17	Middle
147-05	1.529	-1.283	0.93	55	1978	6.85	1.53E-31	Upper
149-05	1.011	0.239	0.96	155	1975	5.85	2.92E-110	Lower
149-05	0.990	-0.096	0.75	154	1975	45.74	6.39E-48	Middle
149-05	1.755	-1.433	0.76	161	1975	141.34	1.28E-51	Upper
151-02	0.912	0.125	0.96	91	1959	2.17	1.36E-62	Lower
151-02	0.909	-0.080	0.91	90	1976	4.98	7.34E-47	Middle
151-02	1.727	-1.085	0.95	95	1959	8.82	1.02E-63	Upper
153-01	0.675	0.904	0.92	69	1987	2.63	2.24E-38	Lower
153-01	0.908	0.511	0.94	72	1987	3.55	5.19E-45	Middle
153-01	0.957	0.346	0.94	79	1987	4.35	2.33E-48	Upper
154-01	0.923	0.239	0.95	61	1980	2.43	1.05E-39	Lower
154-01	0.922	-0.035	0.96	62	1980	1.76	1.05E-44	Middle
154-01	1.410	-0.942	0.70	67	1980	47.51	8.40E-19	Upper
154-02	0.926	0.069	0.97	236	1980	6.69	1.51E-173	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
154-02	0.994	-0.181	0.87	232	1980	32.92	9.79E-104	Middle
154-02	1.644	-1.130	0.97	248	1980	19.84	6.58E-187	Upper
154-03	0.960	0.137	0.97	119	1978	2.48	4.89E-94	Lower
154-03	0.912	-0.003	0.99	122	1978	1.23	8.32E-112	Middle
154-03	1.322	-0.734	0.88	128	1981	24.63	5.70E-60	Upper
154-30	1.020	0.073	0.89	126	1983	15.93	1.96E-60	Lower
154-30	1.327	-0.784	0.54	124	1983	176.19	2.64E-22	Middle
154-30	1.824	-1.450	0.78	132	1983	114.35	6.45E-45	Upper
155-01	1.006	0.121	0.93	144	1978	10.16	2.42E-82	Lower
155-01	1.147	-0.266	0.83	149	1978	34.13	2.38E-59	Middle
155-01	1.615	-1.227	0.93	156	1975	27.52	4.31E-89	Upper
155-02	0.946	0.254	0.92	155	1975	9.90	1.47E-87	Lower
155-02	0.957	0.076	0.96	156	1979	5.55	2.90E-106	Middle
155-02	0.998	-0.148	0.87	168	1979	21.63	1.11E-74	Upper
155-03	0.996	0.075	0.98	21	1985	0.35	1.98E-17	Lower
155-03	0.873	-0.042	0.99	20	1985	0.13	2.02E-18	Middle
155-03	1.138	-0.544	0.83	27	1985	5.39	3.45E-11	Upper
156-01	0.650	0.368	0.72	111	1975	19.89	8.97E-32	Lower
156-01	0.738	-0.041	0.72	116	1977	26.50	5.46E-33	Middle
156-01	0.855	-0.614	0.52	125	1977	86.29	2.72E-21	Upper
156-02	0.940	0.048	0.96	132	1979	5.22	1.97E-89	Lower
156-02	1.615	-1.298	0.75	130	1979	105.83	1.05E-40	Middle
156-02	1.585	-1.639	0.77	138	1979	96.46	1.83E-45	Upper
156-03	0.877	0.330	0.96	161	1978	5.82	1.12E-115	Lower
156-03	0.968	0.074	0.99	165	1978	1.96	1.16E-163	Middle
156-03	1.541	-1.027	0.79	171	1965	132.30	9.74E-59	Upper
157-01	0.954	0.043	0.96	30	1957	1.17	4.62E-21	Lower
157-01	0.909	-0.008	0.96	29	1957	0.92	3.75E-21	Middle
157-01	1.094	-0.476	0.87	36	1957	6.39	8.17E-17	Upper
157-02	0.855	0.217	0.95	61	1987	2.26	2.37E-41	Lower
157-02	0.899	0.021	0.96	60	1957	2.29	1.64E-42	Middle
157-02	1.141	-0.492	0.85	72	1957	16.65	2.28E-30	Upper
157-03	0.721	0.598	0.87	200	1983	12.98	8.47E-89	Lower
157-03	0.859	0.296	0.87	202	1983	18.02	3.21E-90	Middle
157-03	1.489	-0.398	0.80	209	1983	96.42	2.77E-73	Upper
157-04	0.761	0.604	0.88	83	1985	4.78	8.91E-40	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
157-04	0.904	0.264	0.90	85	1985	5.70	4.94E-44	Middle
157-04	1.161	-0.144	0.71	89	1985	36.39	2.73E-25	Upper
158-01	0.911	0.077	0.96	203	1978	6.23	2.59E-144	Lower
158-01	1.109	-0.456	0.86	209	1977	37.41	3.56E-90	Middle
158-01	1.533	-1.291	0.97	219	1951	15.40	9.15E-164	Upper
159-02	0.475	1.078	0.58	84	1983	11.70	2.53E-17	Lower
159-02	0.645	0.526	0.64	80	1983	16.55	4.37E-19	Middle
159-02	1.124	-0.087	0.64	90	1983	55.75	4.57E-21	Upper
161-01	0.557	1.094	0.77	24	1989	1.55	1.42E-08	Lower
161-01	0.751	0.742	0.79	26	1989	2.87	1.74E-09	Middle
161-01	0.879	0.399	0.82	30	1989	3.56	7.90E-12	Upper
161-02	0.541	0.831	0.73	186	1975	15.12	1.06E-54	Lower
161-02	0.595	0.601	0.75	191	1993	16.67	3.19E-59	Middle
161-02	1.073	0.025	0.61	195	1993	111.22	6.48E-41	Upper
161-03	0.593	0.723	0.82	101	1983	8.02	4.34E-38	Lower
161-03	0.704	0.370	0.79	98	1983	12.91	2.07E-34	Middle
161-03	1.061	-0.173	0.71	106	1983	48.71	1.37E-29	Upper
161-04	0.893	0.537	0.92	89	1990	4.27	9.48E-50	Lower
161-04	0.976	0.219	0.95	89	1990	2.81	2.29E-60	Middle
161-04	0.987	-0.039	0.86	93	1990	10.18	8.81E-41	Upper
161-05	0.972	0.355	0.93	27	1980	2.15	6.80E-16	Lower
161-05	1.357	-0.245	0.83	27	1980	11.98	5.08E-11	Middle
161-05	1.789	-1.097	0.98	32	1980	1.97	8.35E-28	Upper
161-06	0.971	0.101	0.98	148	1980	1.95	1.30E-130	Lower
161-06	0.914	-0.009	0.99	145	1980	0.54	1.87E-163	Middle
161-06	1.066	-0.379	0.86	157	1980	22.53	1.80E-68	Upper
161-07	0.887	0.582	0.97	60	1981	0.94	1.14E-45	Lower
161-07	0.897	0.365	0.98	63	1981	0.75	7.66E-52	Middle
161-07	0.868	0.249	0.97	64	1981	0.83	1.25E-50	Upper
161-08	0.559	0.827	0.82	239	1980	14.33	1.85E-91	Lower
161-08	0.824	0.369	0.81	239	1980	33.85	5.93E-88	Middle
161-08	0.858	0.111	0.78	248	1980	47.50	1.16E-81	Upper
161-09	0.534	0.858	0.80	188	1983	11.17	1.47E-66	Lower
161-09	0.778	0.487	0.78	194	1983	27.36	2.18E-64	Middle
161-09	0.912	0.200	0.85	196	1983	23.31	4.99E-82	Upper
162-01	1.017	0.188	0.98	97	1981	2.35	5.84E-81	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
162-01	0.953	0.000	0.98	92	1981	1.65	2.98E-80	Middle
162-01	1.630	-0.967	0.93	108	1974	21.19	1.21E-64	Upper
163-02	0.701	0.320	0.84	8	1977	0.48	1.46E-03	Lower
163-02	0.890	0.006	0.95	7	1977	0.20	2.26E-04	Middle
163-02	0.784	-0.125	0.98	12	1977	0.11	1.53E-09	Upper
164-01	0.999	0.140	0.96	13	1981	0.56	2.75E-09	Lower
164-01	1.511	-0.549	0.84	16	1981	7.17	4.92E-07	Middle
164-01	1.818	-1.072	0.99	20	1981	0.54	1.32E-20	Upper
165-04	0.942	0.295	0.96	147	1979	6.03	9.50E-101	Lower
165-04	0.990	-0.068	0.79	149	1972	40.14	9.55E-52	Middle
165-04	1.449	-0.864	0.72	158	1979	130.60	7.60E-45	Upper
165-05	1.585	-0.492	0.82	35	1958	14.15	5.06E-14	Lower
165-05	1.796	-1.063	0.98	34	1958	2.02	1.49E-27	Middle
165-05	1.645	-1.247	0.95	39	1958	3.75	2.02E-26	Upper
166-01	0.847	0.534	0.90	75	1995	2.51	4.89E-38	Lower
166-01	0.834	0.092	0.92	77	1995	2.03	5.33E-43	Middle
166-01	0.917	-0.482	0.65	80	1995	15.39	1.66E-19	Upper
166-05	0.372	0.889	0.56	14	1936	2.20	2.04E-03	Lower
166-05	0.624	0.434	0.73	13	1936	2.61	1.87E-04	Middle
166-05	1.279	-0.699	0.72	20	1936	17.92	2.41E-06	Upper
167-01	0.612	0.243	0.81	44	1993	3.62	1.20E-16	Lower
167-01	0.819	-0.102	0.79	41	1993	6.73	7.23E-15	Middle
167-01	1.450	-0.997	0.86	54	1961	16.22	2.99E-24	Upper
167-02	1.002	0.198	0.98	179	1963	3.47	1.50E-160	Lower
167-02	0.994	0.024	0.98	181	1963	3.67	3.67E-160	Middle
167-02	1.405	-0.681	0.87	188	1963	67.06	4.63E-83	Upper
167-03	0.436	0.716	0.73	62	1983	3.82	1.22E-18	Lower
167-03	0.665	0.402	0.68	60	1983	11.02	3.74E-16	Middle
167-03	1.165	-0.169	0.65	68	1983	43.09	1.42E-16	Upper
169-01	0.856	0.759	0.89	75	1995	3.96	1.83E-36	Lower
169-01	0.828	0.298	0.94	73	1995	1.95	2.11E-44	Middle
169-01	0.842	0.025	0.88	79	1995	4.12	7.19E-38	Upper
170-01	0.886	0.411	0.96	198	1978	5.20	1.79E-142	Lower
170-01	0.964	0.184	0.98	197	1978	3.72	1.50E-162	Middle
170-01	0.972	-0.008	0.93	204	1978	11.99	1.09E-120	Upper
170-02	0.907	0.111	0.93	98	1989	4.08	1.65E-56	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
170-02	0.814	-0.107	0.97	99	1989	1.29	5.93E-75	Middle
170-02	1.242	-0.839	0.82	104	1989	22.33	4.17E-40	Upper
171-01	0.858	0.870	0.91	176	1986	9.82	3.37E-92	Lower
171-01	0.929	0.500	0.94	180	1986	7.52	9.67E-110	Middle
171-01	1.011	0.151	0.95	182	1986	6.97	9.81E-121	Upper
171-02	0.780	0.347	0.85	159	1995	10.11	6.23E-66	Lower
171-02	0.758	0.018	0.91	157	1995	4.91	2.71E-84	Middle
171-02	0.775	-0.245	0.77	164	1995	17.36	4.22E-53	Upper
171-03	0.808	0.681	0.92	160	1986	7.43	1.18E-88	Lower
171-03	0.937	0.426	0.91	162	1986	11.14	2.62E-86	Middle
171-03	1.038	0.185	0.93	165	1986	10.66	8.86E-97	Upper
172-01	1.030	0.311	0.97	198	1981	6.90	2.31E-146	Lower
172-01	1.273	-0.425	0.77	195	1981	87.83	3.49E-64	Middle
172-01	1.670	-1.545	0.79	204	1981	141.74	1.93E-70	Upper
172-30	0.542	0.919	0.84	61	1970	4.41	4.33E-25	Lower
172-30	0.701	0.528	0.74	64	1970	13.95	9.80E-20	Middle
172-30	1.116	-0.149	0.72	66	1970	40.05	1.82E-19	Upper
173-01	0.777	1.196	0.93	218	1983	5.17	1.38E-124	Lower
173-01	0.911	1.025	0.93	217	1985	7.13	4.78E-124	Middle
173-01	1.019	0.829	0.92	221	1985	9.29	5.69E-125	Upper
177-03	0.771	0.420	0.92	316	1977	15.56	1.46E-172	Lower
177-03	0.905	0.070	0.97	308	1977	7.59	9.77E-233	Middle
177-03	0.983	-0.238	0.82	329	1977	61.44	1.09E-125	Upper
177-04	0.768	0.574	0.84	422	1992	36.94	1.09E-167	Lower
177-04	0.848	0.245	0.89	418	1992	29.71	1.56E-198	Middle
177-04	0.882	0.016	0.88	434	1971	34.99	1.34E-201	Upper
177-05	0.784	0.785	0.86	364	1982	29.37	1.04E-157	Lower
177-05	0.928	0.306	0.92	366	1982	22.15	1.00E-202	Middle
177-05	1.072	-0.287	0.64	373	1995	200.95	2.88E-83	Upper
177-30	0.874	0.507	0.95	124	1984	2.80	4.31E-79	Lower
177-30	0.874	0.277	0.97	123	1953	1.52	2.96E-94	Middle
177-30	1.090	-0.171	0.69	131	1984	36.96	7.26E-35	Upper
178-02	1.019	0.110	0.72	200	1980	84.89	2.41E-56	Lower
178-02	1.184	-0.347	0.69	195	1980	132.66	2.65E-50	Middle
178-02	1.830	-1.298	0.92	213	1980	59.10	2.86E-120	Upper
178-03	0.831	0.433	0.94	263	1977	10.39	3.43E-164	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
178-03	0.915	0.061	0.97	263	1977	5.87	7.64E-206	Middle
178-03	1.254	-0.500	0.83	277	1977	82.16	2.90E-108	Upper
185-01	1.006	0.171	0.96	175	1980	8.00	6.04E-125	Lower
185-01	1.403	-0.551	0.84	173	1980	75.50	1.34E-69	Middle
185-01	1.721	-1.157	0.99	184	1981	5.83	6.61E-187	Upper
187-01	0.921	0.289	0.94	241	1978	11.34	2.23E-148	Lower
187-01	0.925	0.005	0.98	244	1973	3.02	1.56E-218	Middle
187-01	1.282	-0.716	0.72	248	1978	137.39	2.90E-70	Upper
187-02	0.562	0.486	0.81	115	1983	8.40	6.31E-43	Lower
187-02	0.695	0.186	0.79	118	1983	15.42	1.31E-40	Middle
187-02	1.637	-0.917	0.86	120	1983	50.58	6.40E-53	Upper
187-03	0.697	0.780	0.95	41	1982	0.98	1.33E-26	Lower
187-03	0.797	0.518	0.92	37	1982	1.83	5.92E-21	Middle
187-03	0.928	0.215	0.90	47	1982	3.95	4.40E-24	Upper
187-04	0.726	0.700	0.83	378	1985	29.12	6.14E-148	Lower
187-04	0.893	0.303	0.88	379	1990	30.07	1.32E-175	Middle
187-04	1.172	-0.144	0.72	387	1990	147.54	3.37E-109	Upper
188-01	0.933	0.160	0.94	189	1990	6.69	2.11E-116	Lower
188-01	0.900	-0.010	0.99	192	1990	1.18	4.97E-184	Middle
188-01	0.981	-0.269	0.84	200	1989	22.99	1.04E-80	Upper
188-02	0.946	0.201	0.95	144	1984	5.06	2.56E-93	Lower
188-02	0.910	-0.024	0.99	144	1990	1.13	2.44E-135	Middle
188-02	1.342	-0.676	0.84	152	1984	36.31	4.15E-62	Upper
188-03	0.638	0.447	0.83	227	1986	11.78	4.83E-89	Lower
188-03	0.767	0.070	0.89	229	1986	10.63	1.10E-110	Middle
188-03	0.914	-0.488	0.56	238	1986	98.26	5.79E-44	Upper
190-01	0.926	0.294	0.97	229	1986	5.10	3.66E-173	Lower
190-01	0.921	0.020	0.98	228	1986	2.62	5.92E-204	Middle
190-01	1.477	-0.883	0.90	239	1983	46.59	4.64E-120	Upper
190-02	0.983	0.136	0.98	262	1984	4.43	9.68E-214	Lower
190-02	0.905	-0.017	0.99	262	1986	1.03	8.95E-285	Middle
190-02	1.578	-1.049	0.95	271	1986	28.09	1.05E-171	Upper
192-01	0.914	0.239	0.98	115	1989	1.32	6.97E-97	Lower
192-01	0.955	0.063	0.99	116	1989	0.85	1.18E-109	Middle
192-01	0.892	-0.015	0.98	121	1989	1.20	2.55E-104	Upper
193-01	0.467	0.423	0.71	306	1991	25.48	3.29E-83	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
193-01	1.105	-0.492	0.72	306	1991	131.90	1.68E-86	Middle
193-01	1.443	-1.044	0.84	320	1979	115.14	2.44E-128	Upper
193-02	0.403	0.612	0.60	240	1977	16.58	6.85E-50	Lower
193-02	0.708	0.132	0.71	237	1977	31.48	6.72E-65	Middle
193-02	0.888	-0.320	0.57	254	1990	94.51	1.36E-48	Upper
193-03	0.708	0.930	0.89	42	1980	1.49	1.68E-20	Lower
193-03	0.828	0.657	0.92	43	1980	1.36	3.20E-24	Middle
193-03	1.330	-0.041	0.65	46	1980	24.50	1.45E-11	Upper
193-04	0.663	0.866	0.88	111	1980	3.95	6.32E-52	Lower
193-04	0.709	0.683	0.93	110	1980	2.29	6.58E-66	Middle
193-04	0.912	0.289	0.73	116	1980	21.36	5.90E-34	Upper
193-05	0.583	0.708	0.85	80	1981	2.70	8.25E-34	Lower
193-05	0.574	0.546	0.87	84	1981	2.39	1.40E-37	Middle
193-05	0.545	0.391	0.82	85	1981	3.20	3.41E-32	Upper
193-06	0.886	0.190	0.95	58	1991	1.38	1.53E-38	Lower
193-06	0.867	-0.032	0.99	56	1991	0.34	1.21E-51	Middle
193-06	0.845	-0.232	0.85	64	1991	4.86	4.11E-27	Upper
193-31	0.945	0.144	0.96	27	1995	0.65	1.36E-18	Lower
193-31	1.208	-0.316	0.79	25	1995	5.79	3.18E-09	Middle
193-31	1.642	-1.404	0.70	31	1995	21.91	5.46E-09	Upper
194-01	0.780	0.444	0.94	181	1986	5.69	1.37E-110	Lower
194-01	0.877	0.166	0.95	178	1986	6.19	3.75E-114	Middle
194-01	0.943	-0.147	0.79	190	1986	35.01	9.71E-66	Upper
194-02	0.788	0.613	0.89	408	1987	24.29	2.50E-198	Lower
194-02	0.942	0.268	0.92	407	1987	23.95	2.53E-227	Middle
194-02	1.027	-0.149	0.73	419	1986	130.55	1.26E-119	Upper
194-03	0.901	0.558	0.98	333	1986	4.31	7.66E-289	Lower
194-03	0.912	0.349	0.98	337	1986	4.06	6.01E-298	Middle
194-03	0.915	0.142	0.97	342	1986	7.28	2.20E-262	Upper
194-06	0.836	0.462	0.96	176	1980	6.29	2.69E-120	Lower
194-06	0.922	0.142	0.97	178	1978	6.05	1.19E-130	Middle
194-06	1.225	-0.574	0.69	185	1978	135.84	7.34E-49	Upper
194-07	0.873	0.195	0.89	170	1984	13.16	1.99E-83	Lower
194-07	0.868	0.003	0.87	174	1974	15.58	1.20E-78	Middle
194-07	1.281	-0.866	0.76	182	1984	77.22	7.10E-58	Upper
195-02	0.682	0.737	0.88	54	1990	2.61	1.61E-25	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
195-02	0.800	0.481	0.88	54	1990	3.71	2.28E-25	Middle
195-02	0.972	0.189	0.89	59	1990	4.97	2.27E-29	Upper
195-03	0.698	0.449	0.81	100	1995	7.39	5.17E-37	Lower
195-03	0.826	0.061	0.84	103	1995	8.65	5.66E-42	Middle
195-03	1.415	-0.999	0.60	109	1995	90.41	3.49E-23	Upper
196-01	0.588	0.862	0.78	173	1978	9.31	3.05E-58	Lower
196-01	0.565	0.644	0.77	171	1978	9.36	1.89E-55	Middle
196-01	0.554	0.342	0.54	181	1978	25.77	2.94E-32	Upper
196-02	0.548	0.922	0.79	64	1989	3.67	5.57E-23	Lower
196-02	0.724	0.659	0.76	65	1975	7.73	2.26E-21	Middle
196-02	1.090	0.239	0.71	73	1989	25.44	5.76E-21	Upper
196-03	0.755	0.520	0.88	153	1983	10.96	2.06E-70	Lower
196-03	0.943	0.120	0.97	156	1991	4.42	2.35E-114	Middle
196-03	1.227	-0.383	0.77	161	1983	62.15	4.29E-53	Upper
196-04	0.570	0.889	0.85	176	1985	7.70	4.76E-73	Lower
196-04	0.825	0.568	0.79	178	1985	23.42	2.97E-62	Middle
196-04	0.990	0.248	0.86	182	1985	22.27	7.31E-78	Upper
198-02	0.813	0.854	0.90	191	1978	11.61	1.20E-94	Lower
198-02	0.912	0.549	0.93	190	1993	9.56	4.09E-110	Middle
198-02	1.036	0.237	0.94	199	1990	9.93	3.46E-125	Upper
198-03	0.940	0.259	0.96	116	1982	3.55	1.03E-83	Lower
198-03	0.961	0.058	0.99	115	1982	0.83	4.74E-119	Middle
198-03	1.080	-0.288	0.80	122	1982	31.30	2.49E-44	Upper
198-30	0.537	0.863	0.79	43	1984	2.60	1.92E-15	Lower
198-30	0.759	0.548	0.72	47	1984	7.75	4.24E-14	Middle
198-30	1.022	0.211	0.76	49	1984	12.23	2.96E-16	Upper
199-01	0.611	0.825	0.89	120	1983	3.04	6.75E-59	Lower
199-01	0.608	0.723	0.90	118	1983	2.89	1.31E-58	Middle
199-01	0.602	0.628	0.88	125	1983	3.39	5.79E-59	Upper
199-02	0.794	0.436	0.91	169	1995	6.44	1.79E-87	Lower
199-02	0.815	0.129	0.95	169	1995	3.23	5.06E-112	Middle
199-02	1.021	-0.331	0.75	174	1995	35.68	3.75E-53	Upper
200-01	0.884	0.714	0.98	60	1982	0.62	1.50E-50	Lower
200-01	0.883	0.617	0.98	63	1982	0.63	1.06E-53	Middle
200-01	0.864	0.516	0.97	64	1982	0.88	1.21E-49	Upper
200-02	0.954	0.397	0.98	252	1983	2.87	7.34E-225	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
200-02	1.006	0.099	0.99	245	1983	1.07	3.13E-275	Middle
200-02	0.943	0.022	0.99	261	1983	1.26	6.29E-279	Upper
201-03	0.891	0.440	0.97	180	1987	3.89	1.83E-141	Lower
201-03	0.923	0.220	0.97	179	1987	4.51	8.80E-139	Middle
201-03	1.041	-0.099	0.88	189	1957	27.71	4.37E-87	Upper
203-01	0.712	1.049	0.89	65	1995	2.34	5.54E-32	Lower
203-01	0.749	0.826	0.94	69	1995	1.48	2.89E-42	Middle
203-01	0.753	0.706	0.94	70	1995	1.58	3.39E-42	Upper
203-02	0.848	0.362	0.93	247	1987	11.82	9.83E-144	Lower
203-02	0.936	0.101	0.95	251	1987	10.38	2.69E-162	Middle
203-02	0.986	-0.181	0.80	261	1980	54.63	8.70E-93	Upper
203-03	0.689	0.303	0.74	164	1961	28.61	1.91E-49	Lower
203-03	0.748	-0.023	0.79	162	1961	24.89	1.24E-56	Middle
203-03	0.984	-0.681	0.67	178	1961	87.59	4.62E-44	Upper
203-04	0.918	0.374	0.97	19	1990	0.26	8.35E-15	Lower
203-04	0.946	0.114	0.98	21	1990	0.26	1.03E-16	Middle
203-04	1.119	-0.298	0.83	25	1990	3.67	1.84E-10	Upper
204-01	0.973	0.318	0.98	180	1983	1.99	4.87E-163	Lower
204-01	1.000	0.083	1.00	183	1983	0.64	2.25E-213	Middle
204-01	0.913	-0.008	0.99	186	1983	1.73	3.64E-170	Upper
204-02	1.009	0.113	0.99	89	1983	0.48	3.13E-95	Lower
204-02	0.950	0.032	1.00	85	1983	0.16	1.05E-107	Middle
204-02	0.897	-0.021	0.99	95	1983	0.53	1.21E-96	Upper
204-03	0.856	0.400	0.96	160	1992	3.57	2.64E-112	Lower
204-03	0.934	0.143	0.98	159	1992	2.36	5.36E-132	Middle
204-03	0.939	-0.003	0.94	171	1981	6.69	5.25E-106	Upper
204-04	0.776	0.599	0.93	28	1992	0.69	7.27E-17	Lower
204-04	0.817	0.421	0.97	31	1992	0.45	9.61E-23	Middle
204-04	0.787	0.229	0.92	34	1992	0.99	1.62E-19	Upper
205-02	0.990	0.291	0.96	95	1982	3.99	2.10E-65	Lower
205-02	1.061	-0.287	0.58	96	1982	75.91	3.16E-19	Middle
205-02	1.844	-1.347	0.86	101	1982	54.09	1.34E-43	Upper
205-03	0.998	0.344	0.98	135	1988	1.64	1.32E-117	Lower
205-03	0.995	0.070	0.99	134	1988	0.87	1.12E-133	Middle
205-03	1.431	-0.843	0.87	141	1988	27.57	2.69E-64	Upper
206-01	0.810	0.087	0.88	325	1963	35.23	8.36E-150	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
206-01	0.786	-0.130	0.88	326	1963	33.06	1.40E-150	Middle
206-01	1.464	-1.441	0.82	331	1963	181.84	1.29E-125	Upper
207-01	0.871	0.583	0.89	262	1995	18.45	3.88E-127	Lower
207-01	0.956	0.327	0.95	262	1984	10.00	1.26E-168	Middle
207-01	0.982	0.102	0.95	276	1978	9.69	1.47E-184	Upper
207-02	0.936	0.401	0.98	226	1986	2.49	5.94E-198	Lower
207-02	0.899	0.290	0.99	225	1986	1.48	4.74E-218	Middle
207-02	0.927	0.110	0.97	232	1986	3.76	2.18E-183	Upper
207-03	0.612	0.806	0.84	56	1981	4.37	5.16E-23	Lower
207-03	0.833	0.399	0.93	54	1981	2.97	7.52E-32	Middle
207-03	0.885	0.103	0.92	64	1981	4.30	3.19E-36	Upper
207-05	0.938	0.447	0.97	18	1982	0.33	5.71E-14	Lower
207-05	0.987	0.080	0.99	23	1982	0.18	2.00E-22	Middle
207-05	0.932	0.019	0.98	24	1982	0.26	3.56E-21	Upper
207-06	0.953	0.477	0.99	77	1982	0.70	1.04E-71	Lower
207-06	0.952	0.336	0.99	75	1985	0.40	2.82E-78	Middle
207-06	0.994	0.125	0.98	86	1985	1.42	2.21E-70	Upper
207-08	0.897	0.291	0.98	30	1987	0.32	1.36E-25	Lower
207-08	0.970	0.068	0.99	29	1987	0.17	4.17E-29	Middle
207-08	0.934	0.023	0.99	36	1987	0.21	1.38E-35	Upper
207-09	0.712	0.601	0.90	160	1983	6.86	2.65E-82	Lower
207-09	0.860	0.340	0.88	160	1983	13.32	4.85E-74	Middle
207-09	1.029	0.071	0.83	166	1983	28.89	1.38E-64	Upper
208-01	0.970	0.380	0.99	42	1982	0.17	2.21E-46	Lower
208-01	0.954	0.298	0.99	44	1982	0.17	1.91E-49	Middle
208-01	1.011	0.096	1.00	48	1982	0.16	4.55E-56	Upper
208-02	0.936	0.436	0.99	18	1975	0.12	6.45E-18	Lower
208-02	0.956	0.339	1.00	17	1975	0.05	1.13E-19	Middle
208-02	0.967	0.273	0.99	24	1975	0.11	5.24E-26	Upper
208-30	0.831	0.301	0.95	80	1991	1.69	4.16E-53	Lower
208-30	0.774	0.198	0.96	81	1991	1.27	2.53E-55	Middle
208-30	0.840	-0.003	0.94	86	1991	2.39	1.21E-52	Upper
210-01	0.954	0.364	0.99	123	1985	0.86	7.53E-123	Lower
210-01	0.973	0.174	0.98	128	1985	1.32	8.92E-117	Middle
210-01	0.960	0.047	0.99	134	1985	1.16	1.63E-127	Upper
210-02	0.931	0.384	0.97	122	1991	1.98	7.63E-93	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
210-02	0.842	0.213	0.97	119	1991	1.40	4.16E-93	Middle
210-02	0.821	-0.048	0.92	128	1991	4.40	2.54E-71	Upper
211-01	0.985	0.476	0.99	47	1979	0.50	2.12E-45	Lower
211-01	1.000	0.360	0.99	46	1979	0.24	6.21E-52	Middle
211-01	1.100	0.073	0.93	52	1979	4.54	2.86E-30	Upper
211-02	0.990	0.084	0.99	116	1954	0.66	2.47E-131	Lower
211-02	0.938	0.010	1.00	115	1952	0.37	1.74E-140	Middle
211-02	1.390	-0.930	0.93	125	1954	18.33	4.83E-74	Upper
211-03	0.906	0.283	0.96	129	1955	6.89	1.46E-89	Lower
211-03	0.965	0.025	0.99	129	1955	1.03	3.09E-144	Middle
211-03	1.511	-1.201	0.82	135	1955	102.75	6.24E-51	Upper
211-04	0.895	0.034	0.87	40	1962	5.05	3.66E-18	Lower
211-04	0.828	-0.072	0.77	36	1962	7.06	1.56E-12	Middle
211-04	0.786	-0.117	0.69	46	1962	12.73	7.30E-13	Upper
213-02	0.945	0.528	0.99	7	1976	0.06	2.26E-06	Lower
213-02	1.007	0.426	0.99	10	1976	0.09	2.25E-09	Middle
213-02	1.010	0.289	0.99	12	1976	0.18	1.60E-10	Upper
213-04	0.770	0.864	0.97	63	1980	1.05	1.46E-48	Lower
213-04	0.849	0.624	0.96	63	1980	1.81	3.05E-44	Middle
213-04	0.909	0.327	0.91	69	1980	5.04	3.61E-37	Upper
213-05	0.997	0.173	0.98	80	1982	1.50	2.45E-65	Lower
213-05	0.974	0.052	1.00	79	1982	0.17	1.03E-99	Middle
213-05	0.918	-0.008	0.99	86	1982	0.44	1.74E-90	Upper
213-06	0.894	0.640	0.91	66	1987	3.84	7.06E-36	Lower
213-06	0.868	0.465	0.92	68	1987	3.60	1.97E-37	Middle
213-06	0.897	0.306	0.92	72	1987	4.06	2.44E-39	Upper
213-08	0.937	0.523	0.99	100	1983	0.78	1.89E-96	Lower
213-08	0.944	0.341	0.99	96	1983	0.51	1.93E-101	Middle
213-08	0.980	0.138	0.98	106	1983	1.48	2.03E-91	Upper
214-01	0.976	0.138	0.98	173	1982	2.92	7.69E-152	Lower
214-01	0.916	-0.002	0.98	177	1965	2.75	8.14E-152	Middle
214-01	1.614	-1.241	0.99	184	1965	5.47	1.46E-177	Upper
215-01	0.984	0.113	0.98	150	1983	1.74	4.98E-135	Lower
215-01	0.919	0.002	0.99	153	1983	0.57	9.28E-171	Middle
215-01	0.864	-0.053	0.99	156	1983	1.13	2.50E-147	Upper
216-01	0.987	0.087	0.99	132	1978	1.08	2.98E-131	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
216-01	0.918	-0.001	0.99	134	1978	0.66	4.17E-144	Middle
216-01	0.860	-0.061	0.99	138	1978	1.12	1.78E-129	Upper
216-02	0.964	0.058	0.99	6	1982	0.05	6.16E-05	Lower
216-02	0.898	-0.012	0.98	11	1982	0.13	4.25E-09	Middle
216-02	0.842	-0.081	0.99	12	1982	0.05	4.75E-12	Upper
217-01	0.915	0.400	0.97	96	1989	1.48	1.73E-74	Lower
217-01	0.876	0.273	0.99	100	1989	0.67	1.49E-93	Middle
217-01	0.926	0.100	0.98	102	1989	1.17	6.46E-86	Upper
217-02	0.955	0.395	0.98	162	1983	1.70	3.84E-147	Lower
217-02	0.929	0.304	0.99	165	1983	1.19	1.85E-159	Middle
217-02	0.940	0.158	0.97	172	1983	2.88	2.08E-137	Upper
218-01	0.991	0.389	0.99	149	1983	0.60	3.79E-168	Lower
218-01	0.962	0.308	1.00	150	1983	0.48	6.32E-176	Middle
218-01	1.012	0.097	0.99	160	1983	1.35	2.97E-156	Upper
218-30	0.961	0.603	0.99	30	1982	0.22	1.90E-29	Lower
218-30	1.052	0.314	0.99	28	1982	0.31	2.16E-26	Middle
218-30	1.179	-0.075	0.90	36	1982	4.00	6.47E-19	Upper
219-01	0.815	0.277	0.78	143	1979	21.19	1.21E-48	Lower
219-01	0.771	0.182	0.75	141	1979	23.28	7.15E-44	Middle
219-01	0.797	-0.064	0.67	149	1979	37.11	1.76E-37	Upper
219-02	0.704	0.588	0.88	325	1983	19.78	9.07E-150	Lower
219-02	0.944	0.166	0.92	325	1989	22.71	9.83E-178	Middle
219-02	0.972	0.010	0.84	347	1982	55.71	3.51E-137	Upper
219-03	0.956	0.397	0.99	123	1977	1.50	4.80E-119	Lower
219-03	1.021	0.198	0.99	129	1977	1.00	1.06E-140	Middle
219-03	1.069	-0.007	0.92	131	1977	14.02	7.29E-74	Upper
219-04	0.700	0.664	0.87	87	1985	5.62	9.57E-39	Lower
219-04	0.921	0.256	0.93	86	1985	4.86	1.01E-49	Middle
219-04	0.939	0.114	0.93	94	1985	5.36	2.56E-54	Upper
219-05	1.006	0.119	0.99	234	1982	1.98	3.81E-229	Lower
219-05	0.939	0.028	0.99	236	1982	1.22	1.05E-247	Middle
219-05	0.889	-0.071	0.96	243	1985	6.30	1.59E-167	Upper
219-07	0.791	0.359	0.84	229	1984	21.40	2.36E-93	Lower
219-07	0.796	0.101	0.86	230	1984	19.15	5.38E-99	Middle
219-07	0.939	-0.443	0.61	240	1984	108.54	1.09E-50	Upper
219-08	0.792	0.496	0.82	64	1981	5.08	1.72E-24	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
219-08	0.772	0.189	0.95	66	1981	1.15	8.07E-44	Middle
219-08	0.751	-0.084	0.90	69	1981	2.31	6.68E-36	Upper
219-30	0.768	0.393	0.93	141	1962	7.34	3.03E-80	Lower
219-30	0.880	0.051	0.96	144	1962	5.37	5.08E-99	Middle
219-30	1.275	-0.737	0.83	155	1977	53.27	1.06E-61	Upper
220-02	0.891	0.232	0.86	70	1995	5.33	3.90E-31	Lower
220-02	0.901	-0.002	0.87	66	1995	4.75	2.53E-30	Middle
220-02	1.731	-1.077	0.86	75	1995	21.56	2.91E-33	Upper
221-01	0.688	0.685	0.88	78	1995	2.98	4.31E-36	Lower
221-01	0.736	0.423	0.93	78	1995	1.90	2.15E-45	Middle
221-01	0.764	0.264	0.94	83	1995	1.85	2.55E-50	Upper
221-02	0.743	0.571	0.90	50	1995	1.84	2.60E-25	Lower
221-02	0.767	0.292	0.94	47	1995	1.00	5.03E-29	Middle
221-02	0.819	0.095	0.94	55	1995	1.35	3.58E-34	Upper
223-03	0.728	0.747	0.88	148	1990	7.66	4.90E-68	Lower
223-03	0.859	0.515	0.90	145	1990	8.49	6.48E-73	Middle
223-03	0.989	0.279	0.90	162	1990	12.13	8.33E-82	Upper
224-01	0.968	0.439	0.99	142	1978	1.57	2.97E-130	Lower
224-01	1.007	0.197	0.98	139	1986	2.01	1.90E-122	Middle
224-01	0.969	0.077	0.98	151	1978	2.47	1.22E-125	Upper
224-02	0.896	0.428	0.95	138	1981	5.65	1.25E-92	Lower
224-02	0.967	0.165	0.97	140	1981	4.90	1.55E-102	Middle
224-02	1.225	-0.446	0.77	147	1979	69.17	1.15E-47	Upper
226-01	0.522	1.055	0.80	69	1979	4.06	7.78E-25	Lower
226-01	0.783	0.701	0.71	65	1979	13.75	8.56E-19	Middle
226-01	1.000	0.379	0.80	75	1979	15.19	1.49E-27	Upper
227-03	0.975	0.470	0.98	42	1987	0.52	5.12E-36	Lower
227-03	0.954	0.348	0.99	43	1987	0.22	9.15E-45	Middle
227-03	0.912	0.302	0.99	48	1987	0.23	2.19E-49	Upper
228-04	0.572	0.773	0.82	81	1984	4.54	4.41E-31	Lower
228-04	0.776	0.437	0.81	81	1984	8.90	5.85E-30	Middle
228-04	0.939	0.139	0.81	87	1984	14.12	5.07E-32	Upper
228-05	0.835	0.482	0.69	32	1988	7.15	4.65E-09	Lower
228-05	1.034	0.096	0.85	29	1988	3.81	1.00E-12	Middle
228-05	1.580	-0.601	0.69	38	1988	28.41	8.40E-11	Upper
228-06	0.929	0.594	0.88	267	1988	21.15	3.56E-125	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
228-06	0.919	0.253	0.90	262	1988	17.15	1.64E-131	Middle
228-06	1.212	-0.452	0.59	273	1988	187.85	5.31E-55	Upper
229-05	0.682	0.365	0.88	146	1993	5.23	2.28E-67	Lower
229-05	0.707	0.190	0.91	149	1993	4.03	1.39E-78	Middle
229-05	0.719	0.038	0.89	152	1993	5.17	1.25E-74	Upper
230-02	0.853	0.867	0.94	76	1980	2.20	4.32E-47	Lower
230-02	0.886	0.624	0.98	75	1980	0.76	8.13E-64	Middle
230-02	0.877	0.487	0.97	80	1980	1.00	3.56E-64	Upper
230-03	0.920	0.298	0.96	99	1979	3.03	1.23E-71	Lower
230-03	0.943	0.070	0.99	97	1979	0.96	1.00E-93	Middle
230-03	0.892	0.002	0.99	110	1979	0.94	1.53E-106	Upper
230-05	0.962	0.354	0.95	258	1993	8.26	1.13E-170	Lower
230-05	0.995	0.174	0.95	264	1984	10.05	9.00E-168	Middle
230-05	0.981	-0.049	0.87	273	1990	26.58	3.24E-121	Upper
232-01	0.823	0.455	0.89	289	1995	18.09	1.90E-137	Lower
232-01	0.786	0.212	0.90	290	1995	14.45	1.10E-145	Middle
232-01	1.317	-0.564	0.80	302	1987	95.86	2.46E-105	Upper
232-30	0.929	0.297	0.97	141	1987	3.80	1.55E-103	Lower
232-30	0.940	0.045	0.99	141	1987	1.36	7.60E-135	Middle
232-30	1.369	-0.701	0.76	146	1987	75.95	3.55E-46	Upper
232-31	0.829	0.175	0.90	19	1986	1.34	5.31E-10	Lower
232-31	1.068	-0.331	0.77	22	1986	6.74	1.01E-07	Middle
232-31	1.610	-1.126	0.95	24	1986	3.23	1.94E-15	Upper
236-01	0.913	0.469	0.92	105	1979	6.47	3.40E-58	Lower
236-01	0.984	0.129	0.97	104	1979	2.53	1.06E-80	Middle
236-01	1.284	-0.546	0.68	111	1979	71.22	6.15E-29	Upper
236-02	0.858	0.444	0.96	112	1994	2.47	2.62E-78	Lower
236-02	0.845	0.236	0.95	117	1981	2.97	4.80E-78	Middle
236-02	0.881	0.009	0.95	125	1981	3.83	2.45E-79	Upper
238-01	0.754	0.317	0.88	18	1976	1.20	1.04E-08	Lower
238-01	0.752	0.106	0.85	20	1976	1.92	7.93E-09	Middle
238-01	0.753	-0.170	0.93	24	1976	0.80	1.72E-14	Upper
238-02	0.907	0.176	0.95	106	1991	3.42	2.08E-70	Lower
238-02	0.870	-0.049	0.98	106	1981	1.16	3.35E-93	Middle
238-02	0.914	-0.283	0.84	116	1981	14.22	1.12E-46	Upper
238-03	0.747	0.661	0.89	18	1984	1.05	4.00E-09	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
238-03	0.962	0.374	0.90	18	1984	1.70	2.65E-09	Middle
238-03	1.103	0.017	0.80	23	1984	5.82	9.88E-09	Upper
239-31	0.890	0.690	0.92	86	1988	3.96	1.73E-48	Lower
239-31	0.831	0.567	0.79	84	1988	10.11	6.11E-30	Middle
239-31	0.798	0.420	0.65	92	1988	21.69	2.69E-22	Upper
240-03	0.968	0.116	0.98	162	1978	2.38	8.06E-141	Lower
240-03	0.904	-0.017	0.99	163	1978	0.97	7.40E-167	Middle
240-03	1.034	-0.358	0.87	168	1978	22.83	6.52E-75	Upper
241-03	0.884	0.369	0.97	70	1990	1.00	4.10E-54	Lower
241-03	0.854	0.262	0.98	70	1990	0.73	1.09E-57	Middle
241-03	0.862	0.091	0.96	76	1990	1.54	1.32E-52	Upper
243-01	0.987	0.074	0.99	198	1973	1.57	1.38E-201	Lower
243-01	0.916	-0.011	1.00	204	1973	0.61	5.62E-244	Middle
243-01	1.336	-0.848	0.90	204	1973	34.17	2.10E-104	Upper
243-02	0.864	0.055	0.86	101	1979	11.22	8.83E-45	Lower
243-02	0.769	-0.156	0.77	110	1970	17.16	2.75E-36	Middle
243-02	0.754	-0.388	0.63	112	1970	33.80	1.40E-25	Upper
244-01	0.927	0.298	0.97	122	1984	2.91	1.65E-93	Lower
244-01	0.981	0.075	0.99	124	1985	0.97	1.50E-127	Middle
244-01	1.133	-0.347	0.81	132	1985	35.48	2.11E-48	Upper
247-01	0.831	0.501	0.96	146	1983	3.95	1.17E-104	Lower
247-01	0.978	0.191	0.98	147	1983	2.77	1.62E-126	Middle
247-01	1.054	-0.079	0.83	152	1983	34.00	4.42E-60	Upper
247-02	0.795	0.674	0.97	84	1982	1.51	3.20E-66	Lower
247-02	0.886	0.435	0.97	84	1982	1.84	8.47E-67	Middle
247-02	1.014	0.198	0.98	90	1982	2.27	1.75E-73	Upper
247-30	0.851	0.518	0.96	28	1990	0.54	1.27E-19	Lower
247-30	0.858	0.387	0.96	29	1990	0.52	1.11E-20	Middle
247-30	0.856	0.228	0.95	34	1990	0.83	2.49E-22	Upper
249-90	0.795	0.032	0.86	157	1970	15.57	8.38E-68	Lower
249-90	0.766	-0.143	0.84	157	1970	16.79	1.43E-63	Middle
249-90	0.797	-0.659	0.61	163	1970	62.80	6.81E-35	Upper
250-01	0.742	0.718	0.94	14	1988	0.16	1.23E-08	Lower
250-01	0.750	0.495	0.76	25	1989	1.60	1.53E-08	Upper
250-03	0.905	0.354	0.98	184	1989	2.36	4.15E-149	Lower
250-03	0.889	0.263	0.99	185	1989	0.96	1.35E-183	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
250-03	0.975	0.078	0.99	190	1989	1.20	2.19E-188	Upper
250-04	0.861	0.380	0.96	226	1986	4.90	2.65E-157	Lower
250-04	0.865	0.264	0.98	224	1986	2.80	2.31E-182	Middle
250-04	0.865	0.135	0.97	235	1986	3.51	8.52E-182	Upper
251-01	1.001	0.128	0.99	129	1981	1.43	1.50E-120	Lower
251-01	0.945	0.023	0.99	124	1985	1.04	8.09E-121	Middle
251-01	0.953	-0.117	0.91	138	1985	9.28	1.86E-74	Upper
251-02	0.714	0.634	0.88	221	1993	9.39	2.49E-101	Lower
251-02	0.782	0.360	0.93	220	1993	5.81	3.41E-128	Middle
251-02	0.829	0.132	0.94	229	1993	6.18	1.35E-138	Upper
252-02	0.817	0.488	0.93	72	1993	2.29	6.07E-42	Lower
252-02	0.848	0.259	0.98	70	1987	0.81	3.67E-57	Middle
252-02	0.901	0.010	0.90	82	1987	4.35	3.77E-42	Upper
252-03	0.887	0.337	0.97	148	1990	2.17	1.54E-113	Lower
252-03	0.941	0.103	0.98	145	1990	1.52	1.65E-124	Middle
252-03	0.880	-0.012	0.97	154	1990	2.27	2.18E-117	Upper
253-02	0.821	0.791	0.94	69	1993	1.60	1.38E-42	Lower
253-02	0.809	0.590	0.95	66	1993	1.25	3.46E-43	Middle
253-02	0.830	0.401	0.91	74	1993	2.79	9.71E-39	Upper
253-03	1.028	0.104	0.98	32	1975	0.87	4.44E-26	Lower
253-03	1.013	-0.121	0.75	31	1975	12.14	3.15E-10	Middle
253-03	1.805	-1.505	0.81	38	1975	30.16	1.51E-14	Upper
253-04	0.888	0.374	0.93	122	1994	6.15	3.91E-72	Lower
253-04	1.014	0.042	0.92	124	1982	9.96	2.33E-68	Middle
253-04	1.772	-1.093	0.81	131	1982	81.93	1.25E-48	Upper
254-02	0.832	0.394	0.93	147	1989	5.11	2.58E-84	Lower
254-02	0.814	0.231	0.95	148	1989	2.97	7.47E-100	Middle
254-02	0.818	0.054	0.93	153	1989	4.66	9.83E-91	Upper
254-03	0.702	0.409	0.78	241	1975	29.44	5.33E-81	Lower
254-03	0.749	0.094	0.78	241	1989	34.68	1.06E-79	Middle
254-03	0.874	-0.316	0.62	255	1977	105.46	1.03E-54	Upper
254-04	0.844	0.659	0.94	35	1985	1.30	2.17E-21	Lower
254-04	0.885	0.458	0.95	38	1985	1.21	9.01E-25	Middle
254-04	0.937	0.214	0.92	41	1985	2.31	3.56E-23	Upper
254-05	0.557	0.808	0.79	304	1989	23.98	1.00E-105	Lower
254-05	0.795	0.342	0.81	298	1985	43.17	1.26E-109	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
254-05	1.270	-0.351	0.72	319	1989	192.37	5.28E-90	Upper
254-06	0.675	0.881	0.81	142	1981	13.74	1.82E-52	Lower
254-06	0.875	0.560	0.78	139	1981	27.02	3.74E-47	Middle
254-06	1.083	0.235	0.79	147	1981	40.93	2.49E-51	Upper
254-07	0.855	0.617	0.88	113	1990	8.22	4.59E-52	Lower
254-07	0.932	0.228	0.88	114	1990	9.50	2.57E-53	Middle
254-07	1.431	-0.377	0.77	117	1990	49.89	1.63E-38	Upper
255-02	0.998	0.080	0.98	44	1975	0.77	1.00E-37	Lower
255-02	0.947	0.026	0.97	52	1975	1.29	1.72E-39	Middle
255-02	1.174	-0.391	0.87	55	1976	9.57	5.28E-25	Upper
255-30	0.936	-0.245	0.77	39	1956	12.43	2.79E-13	Lower
255-30	1.479	-1.404	1.00	37	1956	0.50	5.00E-42	Middle
255-30	1.369	-1.290	0.92	47	1956	8.63	2.03E-26	Upper
256-02	0.769	0.524	0.89	82	1985	5.46	3.90E-40	Lower
256-02	0.891	0.261	0.89	83	1980	7.17	3.91E-41	Middle
256-02	0.982	0.012	0.87	92	1980	12.64	4.51E-41	Upper
256-03	0.838	0.069	0.93	108	1992	3.10	1.06E-63	Lower
256-03	0.793	-0.068	0.95	113	1992	2.14	1.19E-73	Middle
256-03	0.682	-0.188	0.88	114	1992	3.93	4.61E-54	Upper
256-04	1.003	0.083	1.00	145	1974	0.63	4.53E-167	Lower
256-04	0.937	0.016	0.99	148	1974	0.75	5.49E-160	Middle
256-04	1.522	-0.948	0.94	156	1974	19.06	6.63E-97	Upper
256-05	1.027	0.156	0.99	183	1984	1.41	2.43E-184	Lower
256-05	0.999	0.084	1.00	182	1984	0.37	1.49E-232	Middle
256-05	0.957	0.039	1.00	192	1984	0.62	1.62E-222	Upper
256-06	0.970	0.237	0.99	30	1981	0.21	8.03E-30	Lower
256-06	1.013	0.102	1.00	35	1981	0.11	2.62E-41	Middle
256-06	0.979	0.067	0.99	36	1981	0.19	2.82E-38	Upper
258-01	0.964	0.127	0.97	23	1981	0.56	3.68E-17	Lower
258-01	1.264	-0.624	0.87	20	1981	4.27	2.41E-09	Middle
258-01	1.607	-1.249	0.99	29	1981	0.39	5.28E-31	Upper
259-01	0.504	0.918	0.76	305	1973	22.21	6.38E-97	Lower
259-01	0.732	0.516	0.72	305	1973	59.42	1.61E-85	Middle
259-01	1.214	-0.098	0.68	311	1973	198.12	9.79E-79	Upper
260-01	0.923	0.454	0.96	187	1977	6.66	8.57E-131	Lower
260-01	0.993	0.160	0.99	188	1977	1.85	3.20E-188	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
260-01	1.130	-0.234	0.81	193	1977	57.63	2.41E-70	Upper
260-02	0.813	0.505	0.94	194	1978	8.16	1.87E-121	Lower
260-02	0.916	0.185	0.96	193	1978	6.61	1.02E-138	Middle
260-02	0.932	-0.124	0.81	203	1978	42.42	6.93E-75	Upper
260-03	1.013	0.257	0.97	206	1979	6.59	2.06E-155	Lower
260-03	1.007	0.049	0.98	211	1979	3.48	8.93E-188	Middle
260-03	1.281	-0.469	0.81	211	1979	77.28	1.33E-77	Upper
260-04	0.917	0.285	0.93	145	1979	7.65	2.98E-85	Lower
260-04	0.945	0.047	0.91	144	1979	10.87	2.42E-76	Middle
260-04	1.324	-0.728	0.66	151	1979	115.98	9.60E-37	Upper
260-05	0.897	0.560	0.97	120	1989	1.90	5.34E-93	Lower
260-05	0.890	0.433	0.98	119	1989	1.32	7.74E-100	Middle
260-05	0.777	0.201	0.76	126	1989	16.42	8.70E-40	Upper
260-06	0.792	0.753	0.95	44	1995	0.78	1.14E-29	Lower
260-06	0.760	0.661	0.95	41	1995	0.72	6.26E-27	Middle
260-06	0.763	0.567	0.94	49	1995	1.04	1.51E-30	Upper
260-07	0.771	0.718	0.92	213	1995	7.93	9.06E-117	Lower
260-07	0.794	0.526	0.90	211	1995	9.79	1.13E-108	Middle
260-07	1.018	0.187	0.89	224	1985	20.47	1.82E-107	Upper
260-08	1.005	0.235	0.99	60	1986	0.50	1.27E-57	Lower
260-08	1.018	0.105	1.00	58	1986	0.06	9.75E-82	Middle
260-08	0.968	0.058	0.99	66	1986	0.30	1.20E-70	Upper
261-01	0.875	0.541	0.92	247	1988	12.89	1.47E-136	Lower
261-01	0.943	0.286	0.95	249	1986	9.18	3.33E-162	Middle
261-01	1.140	-0.106	0.82	257	1986	56.14	1.85E-97	Upper
261-02	0.694	0.624	0.83	191	1975	12.66	3.22E-74	Lower
261-02	0.817	0.324	0.84	195	1992	15.69	4.82E-80	Middle
261-02	1.080	-0.157	0.65	202	1988	83.60	1.04E-47	Upper
261-06	0.762	0.637	0.88	42	1993	1.78	4.30E-20	Lower
261-06	0.741	0.437	0.91	43	1993	1.41	1.25E-22	Middle
261-06	0.755	0.250	0.88	48	1993	2.00	6.77E-23	Upper
262-03	0.637	0.497	0.71	126	1989	15.44	4.80E-35	Lower
262-03	0.668	0.229	0.77	130	1989	12.56	7.22E-43	Middle
262-03	0.618	-0.017	0.66	141	1989	19.57	1.48E-34	Upper
262-04	0.928	0.347	0.92	205	1974	14.14	3.00E-113	Lower
262-04	0.945	-0.056	0.94	205	1974	9.62	8.71E-130	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
262-04	1.558	-1.252	0.72	211	1974	180.20	3.68E-60	Upper
262-05	0.690	0.302	0.68	104	1991	14.75	2.57E-27	Lower
262-05	0.556	0.037	0.65	108	1991	11.51	3.42E-26	Middle
262-06	0.539	0.896	0.72	109	1994	6.54	1.19E-31	Lower
262-06	0.569	0.544	0.76	105	1994	5.94	2.72E-33	Middle
262-07	0.507	0.875	0.73	65	1994	3.60	1.71E-19	Lower
262-07	0.619	0.575	0.85	66	1994	2.69	2.81E-28	Middle
262-07	0.614	0.334	0.72	73	1994	6.02	1.85E-21	Upper
262-30	1.000	0.287	0.98	82	1979	2.04	6.68E-66	Lower
262-30	0.996	0.035	0.99	81	1979	0.94	2.35E-78	Middle
262-30	1.379	-0.775	0.69	88	1979	71.43	1.13E-23	Upper
262-31	0.496	1.078	0.62	9	1988	0.77	1.14E-02	Lower
262-31	0.568	0.882	0.68	10	1988	0.84	3.27E-03	Middle
262-31	0.660	0.555	0.71	13	1988	1.34	3.08E-04	Upper
263-01	0.903	0.688	0.94	191	1988	8.61	4.85E-117	Lower
263-01	0.959	0.473	0.99	194	1988	1.36	1.79E-199	Middle
263-01	1.067	0.224	0.91	198	1988	18.31	6.93E-106	Upper
263-02	0.962	0.382	0.99	138	1986	1.00	2.54E-135	Lower
263-02	0.973	0.219	0.99	138	1986	0.88	1.03E-138	Middle
263-02	0.998	0.090	0.99	144	1986	0.66	1.81E-157	Upper
263-03	0.648	0.757	0.68	66	1982	11.83	1.74E-17	Lower
263-03	0.937	0.206	0.96	66	1982	1.93	6.36E-48	Middle
263-03	1.014	-0.143	0.78	72	1982	18.59	8.70E-25	Upper
263-04	0.752	0.373	0.90	187	1992	11.33	6.85E-93	Lower
263-04	1.361	-0.588	0.84	184	1992	59.99	8.24E-74	Middle
263-04	1.542	-0.977	0.90	202	1965	47.78	8.55E-102	Upper
263-05	0.948	0.350	0.99	78	1989	0.33	1.61E-82	Lower
263-05	0.979	0.183	0.99	81	1989	0.58	3.07E-78	Middle
263-05	0.932	0.024	0.98	84	1989	0.96	4.28E-71	Upper
263-06	1.408	-1.475	0.98	143	1952	6.49	6.23E-122	Lower
263-06	1.280	-1.615	0.99	146	1952	1.92	2.76E-157	Middle
263-06	1.158	-1.746	0.96	149	1952	8.78	9.96E-107	Upper
265-01	0.935	0.397	0.98	64	1981	0.78	4.15E-58	Lower
265-01	0.999	0.174	0.99	70	1976	0.77	6.89E-65	Middle
265-01	0.980	0.067	0.99	78	1976	0.58	7.68E-79	Upper
265-02	0.734	0.165	0.75	69	1985	10.32	5.88E-22	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
265-02	0.758	-0.123	0.74	66	1978	11.37	1.39E-20	Middle
265-02	0.676	-0.171	0.57	80	1978	21.82	6.25E-16	Upper
266-01	0.391	0.959	0.62	67	1979	5.44	2.03E-15	Lower
266-01	0.573	0.320	0.69	65	1979	8.29	1.65E-17	Middle
266-01	1.203	-0.795	0.67	76	1979	46.08	1.84E-19	Upper
266-02	0.902	0.321	0.96	131	1991	3.22	9.14E-95	Lower
266-02	0.978	0.076	0.98	130	1980	1.67	3.49E-117	Middle
266-02	0.940	-0.036	0.94	141	1980	6.34	3.64E-86	Upper
266-03	0.967	0.376	0.99	15	1979	0.11	3.41E-15	Lower
266-03	1.045	0.130	0.99	16	1979	0.08	2.24E-17	Middle
266-03	0.965	0.011	0.98	20	1979	0.30	1.45E-17	Upper
267-02	0.689	0.416	0.77	213	1978	27.90	3.37E-69	Lower
267-02	0.727	0.066	0.79	211	1978	27.87	3.24E-72	Middle
267-02	0.728	-0.239	0.69	220	1978	48.78	1.05E-56	Upper
268-01	0.704	0.603	0.84	172	1974	15.35	1.81E-69	Lower
268-01	0.878	0.258	0.86	170	1981	20.29	4.76E-73	Middle
268-01	1.082	-0.134	0.75	182	1981	64.83	9.65E-57	Upper
268-02	0.861	0.484	0.88	134	1992	8.01	2.19E-62	Lower
268-02	0.894	0.298	0.90	134	1992	6.45	3.62E-69	Middle
268-02	0.955	0.101	0.89	142	1992	9.62	7.94E-68	Upper
268-03	0.984	0.186	0.86	47	1967	4.85	1.11E-20	Lower
268-03	1.531	-0.484	0.81	45	1967	16.57	5.90E-17	Middle
268-03	1.829	-0.991	0.91	51	1967	11.03	4.23E-27	Upper
269-02	0.902	0.063	0.93	93	1966	5.62	1.09E-54	Lower
269-02	0.890	-0.186	0.87	95	1966	11.00	2.61E-43	Middle
269-02	1.671	-1.590	0.80	101	1966	72.06	6.88E-36	Upper
269-03	0.887	0.320	0.89	25	1977	2.43	1.37E-12	Lower
269-03	1.728	-1.514	0.78	31	1977	25.17	4.77E-11	Upper
269-04	0.919	0.352	0.93	93	1990	3.95	2.20E-54	Lower
269-04	0.980	0.066	0.98	95	1990	1.25	1.45E-81	Middle
269-04	0.942	-0.098	0.90	104	1990	6.39	1.30E-53	Upper
269-05	0.433	0.816	0.70	251	1982	22.36	2.23E-66	Lower
269-05	0.643	0.455	0.66	254	1957	56.94	9.12E-62	Middle
269-05	1.325	-0.448	0.69	260	1982	220.58	6.94E-68	Upper
269-06	0.839	0.649	0.94	78	1986	2.61	1.73E-49	Lower
269-06	0.963	0.442	0.94	78	1986	4.11	6.17E-47	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
269-06	1.099	0.244	0.96	83	1986	3.58	2.85E-57	Upper
269-07	0.803	0.675	0.93	79	1983	3.62	1.93E-45	Lower
269-07	0.903	0.404	0.88	79	1983	8.04	9.98E-37	Middle
269-07	1.048	0.162	0.87	86	1983	12.02	2.53E-39	Upper
269-08	0.816	0.089	0.89	177	1952	17.48	4.66E-85	Lower
269-08	0.778	-0.115	0.90	174	1952	14.48	2.84E-86	Middle
269-08	1.264	-1.270	0.71	183	1952	142.36	6.11E-50	Upper
270-01	0.822	0.698	0.90	83	1987	4.71	1.69E-42	Lower
270-01	0.850	0.457	0.90	86	1987	5.10	1.38E-44	Middle
270-01	1.045	0.043	0.82	91	1987	16.17	4.62E-35	Upper
270-02	1.009	0.305	0.97	70	1990	1.76	3.96E-56	Lower
270-02	1.035	0.121	0.99	74	1978	0.89	1.15E-70	Middle
270-02	0.984	0.066	0.97	79	1978	1.80	2.93E-63	Upper
270-05	0.836	0.466	0.89	157	1976	12.08	2.07E-76	Lower
270-05	0.939	0.075	0.86	157	1976	20.33	3.09E-68	Middle
270-05	1.746	-0.966	0.89	166	1976	52.51	4.84E-82	Upper
271-01	0.595	0.418	0.74	50	1987	3.62	1.11E-15	Lower
271-01	0.654	0.032	0.88	49	1987	1.75	3.98E-23	Middle
271-01	1.334	-1.136	0.56	55	1987	45.29	6.12E-11	Upper
272-02	1.036	0.290	0.98	182	1988	2.59	4.86E-159	Lower
272-02	1.015	0.103	1.00	185	1988	0.46	5.22E-228	Middle
272-02	0.939	0.028	0.99	188	1988	1.05	1.22E-193	Upper
272-03	0.776	0.365	0.93	207	1979	7.84	2.46E-123	Lower
272-03	0.910	0.074	0.96	199	1981	5.81	4.67E-143	Middle
272-03	1.132	-0.314	0.82	217	1981	54.75	2.09E-81	Upper
272-04	0.851	0.561	0.91	139	1963	9.14	2.30E-72	Lower
272-04	0.965	0.232	0.95	134	1986	6.23	3.64E-86	Middle
272-04	1.602	-0.817	0.77	153	1985	102.23	1.48E-49	Upper
273-03	0.478	0.756	0.75	10	1983	0.43	1.27E-03	Lower
273-03	0.462	0.491	0.76	13	1983	0.54	1.09E-04	Middle
273-03	0.531	0.325	0.60	15	1983	1.60	7.30E-04	Upper
274-02	0.570	0.880	0.81	168	1986	9.44	2.84E-61	Lower
274-02	0.829	0.560	0.77	166	1986	25.12	3.90E-54	Middle
274-02	1.011	0.289	0.86	174	1986	21.09	5.17E-75	Upper
274-30	0.908	0.430	0.93	34	1987	1.39	2.15E-20	Lower
274-30	0.964	0.137	0.97	31	1987	0.66	6.32E-23	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
274-30	0.925	0.037	0.96	40	1987	1.07	1.54E-27	Upper
275-02	0.830	0.622	0.95	144	1991	3.28	4.14E-92	Lower
275-02	0.844	0.460	0.96	147	1991	2.61	6.64E-103	Middle
275-02	0.807	0.318	0.94	150	1991	3.90	3.04E-90	Upper
276-05	0.886	0.300	0.90	50	1978	4.05	2.56E-25	Lower
276-05	1.532	-1.501	0.66	55	1978	58.61	4.69E-14	Upper
277-01	0.972	0.450	0.97	153	1988	3.22	2.08E-117	Lower
277-01	0.976	0.289	0.98	153	1988	2.15	2.91E-131	Middle
277-01	1.044	0.013	0.93	161	1986	9.50	6.64E-94	Upper
277-02	0.350	0.390	0.51	72	1957	4.84	1.90E-12	Middle
277-03	0.528	0.861	0.83	142	1973	8.69	7.19E-56	Lower
277-03	0.772	0.436	0.80	139	1973	21.76	1.93E-50	Middle
277-03	0.906	0.117	0.83	148	1973	26.14	1.58E-58	Upper
278-01	0.977	0.295	0.94	97	1986	4.04	1.05E-60	Lower
278-01	0.975	0.069	0.99	97	1986	0.84	3.79E-91	Middle
278-01	0.927	-0.088	0.92	103	1986	5.82	4.81E-56	Upper
278-02	0.446	0.598	0.67	177	1990	13.29	1.88E-44	Lower
278-02	0.626	0.242	0.68	180	1990	26.23	1.27E-45	Middle
278-02	1.253	-0.470	0.67	183	1990	110.85	3.30E-45	Upper
278-03	0.523	0.664	0.55	152	1963	22.71	8.54E-28	Lower
278-03	0.640	0.230	0.57	154	1963	31.72	1.16E-29	Middle
278-03	1.307	-0.726	0.66	160	1963	91.83	3.73E-39	Upper
279-01	0.994	0.305	0.94	114	1973	3.73	4.43E-70	Lower
279-01	0.916	0.000	0.98	115	1973	0.87	1.73E-100	Middle
279-01	1.707	-1.019	0.95	118	1973	10.29	3.35E-75	Upper
279-04	0.605	0.584	0.79	261	1994	19.34	5.85E-89	Lower
279-04	0.758	0.209	0.80	260	1994	27.87	9.52E-93	Middle
279-04	0.836	-0.127	0.66	272	1976	71.58	7.40E-66	Upper
280-01	0.919	0.647	0.90	68	1985	5.07	4.87E-34	Lower
280-01	0.958	0.403	0.93	66	1985	3.31	4.55E-39	Middle
280-01	1.068	0.065	0.70	74	1985	26.61	1.35E-20	Upper
280-02	0.596	0.500	0.78	230	1992	15.58	1.49E-77	Lower
280-02	0.743	0.255	0.77	225	1992	26.27	3.28E-72	Middle
280-02	0.844	0.044	0.79	236	1992	30.13	8.38E-82	Upper
280-03	0.710	0.600	0.87	121	1992	6.86	1.18E-53	Lower
280-03	0.892	0.298	0.91	127	1992	7.38	5.96E-66	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
280-03	0.960	0.116	0.90	133	1992	9.84	1.22E-66	Upper
284-01	0.651	0.222	0.75	174	1984	14.52	5.47E-54	Lower
284-01	0.624	0.045	0.74	174	1984	13.68	3.32E-52	Middle
284-01	0.570	-0.107	0.61	180	1984	22.50	2.80E-38	Upper
284-02	0.813	0.429	0.96	108	1981	3.43	2.10E-74	Lower
284-02	0.938	0.164	0.98	107	1981	2.35	7.06E-88	Middle
284-02	0.956	0.010	0.96	115	1981	4.95	2.74E-79	Upper
284-30	0.755	0.634	0.77	45	1988	5.10	1.80E-15	Lower
284-30	0.768	0.489	0.75	44	1988	5.41	3.07E-14	Middle
284-30	0.750	0.349	0.75	51	1988	6.52	2.73E-16	Upper
293-01	0.782	0.567	0.92	154	1986	5.96	5.72E-86	Lower
293-01	0.941	0.272	0.92	153	1986	8.52	3.02E-86	Middle
293-01	1.027	0.015	0.84	160	1986	23.36	3.38E-65	Upper
293-02	0.959	0.071	0.94	213	1955	12.64	2.20E-131	Lower
293-02	1.317	-1.001	0.62	211	1955	229.09	7.87E-46	Middle
293-02	1.585	-1.782	0.76	219	1955	176.32	1.95E-69	Upper
293-03	0.916	0.007	0.86	40	1955	6.00	1.17E-17	Lower
293-03	0.878	-0.035	0.83	45	1955	7.74	3.86E-18	Middle
293-03	1.152	-0.732	0.73	46	1955	24.17	4.33E-14	Upper
297-01	0.681	0.531	0.88	73	1980	4.13	9.70E-35	Lower
297-01	0.875	0.088	0.93	74	1980	4.34	2.15E-42	Middle
297-01	0.820	0.054	0.90	81	1980	5.57	8.57E-41	Upper
297-03	0.523	0.732	0.87	21	1958	1.06	6.31E-10	Lower
297-03	0.663	0.391	0.79	20	1958	3.09	1.41E-07	Middle
297-03	1.388	-0.711	0.75	27	1958	21.08	5.40E-09	Upper
307-02	0.817	0.263	0.95	132	1991	2.59	1.49E-87	Lower
307-02	0.866	0.040	0.95	133	1991	2.81	4.42E-90	Middle
307-02	0.781	-0.097	0.93	138	1991	3.58	2.94E-81	Upper
313-01	0.933	0.331	0.99	96	1987	0.52	1.60E-97	Lower
313-01	0.986	0.134	0.99	101	1987	0.60	3.08E-103	Middle
313-01	0.939	0.029	0.98	102	1987	1.00	3.66E-91	Upper
313-02	0.934	0.028	0.98	186	1985	1.97	4.47E-165	Lower
313-02	0.855	-0.062	0.99	190	1985	1.00	4.40E-190	Middle
313-02	1.139	-0.556	0.84	192	1985	34.25	7.25E-77	Upper
317-01	0.907	0.522	0.90	91	1995	4.41	3.04E-47	Lower
317-01	0.891	0.097	0.92	91	1995	3.46	9.97E-51	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
319-01	1.014	0.175	0.99	94	1976	0.70	2.35E-99	Lower
319-01	0.984	0.063	1.00	93	1976	0.19	1.34E-122	Middle
319-01	1.022	-0.195	0.90	99	1976	10.96	2.53E-50	Upper
319-30	1.399	-0.762	0.92	66	1963	11.14	1.40E-36	Lower
319-30	1.606	-1.266	1.00	69	1963	0.10	2.90E-111	Middle
319-30	1.559	-1.317	1.00	72	1963	0.25	8.16E-101	Upper
328-03	1.001	0.083	0.99	48	1956	0.25	1.50E-54	Lower
328-03	0.942	0.018	1.00	49	1956	0.09	1.89E-65	Middle
328-03	0.893	-0.035	1.00	54	1956	0.15	4.02E-66	Upper
330-01	0.768	0.593	0.88	143	1981	10.27	3.64E-67	Lower
330-01	0.847	0.266	0.87	143	1981	13.49	2.55E-65	Middle
330-01	1.471	-0.456	0.78	151	1981	80.84	4.13E-51	Upper
332-03	0.947	0.040	0.88	159	1956	21.51	3.67E-74	Lower
332-03	0.866	-0.040	0.79	160	1956	35.50	9.33E-56	Middle
332-03	0.764	-0.138	0.61	165	1956	67.25	2.37E-35	Upper
334-02	0.884	0.353	0.96	159	1965	5.51	2.39E-111	Lower
334-02	0.973	0.071	0.97	156	1965	4.75	4.49E-120	Middle
334-02	1.039	-0.206	0.86	167	1955	31.68	1.55E-71	Upper
344-01	1.000	0.176	0.98	176	1983	3.57	1.90E-146	Lower
344-01	0.985	-0.073	0.88	175	1983	21.37	7.87E-81	Middle
344-01	1.749	-1.199	0.87	185	1986	77.71	4.20E-82	Upper
353-01	0.972	0.251	0.98	75	1963	2.27	6.06E-62	Lower
353-01	1.003	-0.032	0.89	76	1963	13.40	1.30E-36	Middle
353-01	1.513	-1.271	0.72	80	1963	97.09	1.99E-23	Upper
353-02	0.839	0.590	0.91	158	1975	10.07	4.63E-82	Lower
353-02	0.926	0.189	0.94	154	1975	7.31	1.36E-95	Middle
353-02	1.079	-0.296	0.62	172	1991	104.32	5.53E-38	Upper
353-03	1.005	0.286	0.95	106	1978	5.29	7.74E-72	Lower
353-03	1.000	-0.172	0.66	111	1978	58.71	2.89E-27	Middle
353-03	1.504	-1.199	0.70	114	1978	111.83	2.65E-31	Upper
355-01	0.960	0.235	0.97	105	1981	1.71	4.88E-84	Lower
355-01	0.953	0.046	0.99	113	1975	0.46	3.03E-123	Middle
355-01	0.994	-0.169	0.87	117	1989	11.76	1.37E-52	Upper
361-03	0.449	0.847	0.73	73	1980	5.05	4.00E-22	Lower
361-03	0.668	0.505	0.67	75	1980	15.78	4.83E-19	Middle
361-03	0.985	0.001	0.64	79	1980	39.78	6.86E-19	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
361-04	0.961	0.110	0.97	198	1981	4.21	3.71E-157	Lower
361-04	0.938	-0.009	0.99	193	1963	2.19	6.73E-179	Middle
361-04	1.146	-0.472	0.88	214	1981	33.11	6.33E-98	Upper
366-01	0.659	0.623	0.80	205	1978	13.75	2.02E-72	Lower
366-01	0.719	0.330	0.90	201	1978	6.89	1.75E-102	Middle
366-01	0.728	0.132	0.88	213	1993	9.61	9.67E-98	Upper
366-02	0.760	0.789	0.96	8	1963	0.20	1.49E-05	Lower
366-02	0.900	0.557	0.95	10	1963	0.45	2.42E-06	Middle
366-02	0.968	0.295	0.92	14	1963	1.19	6.73E-08	Upper
377-01	0.893	0.161	0.95	112	1965	3.23	1.84E-72	Lower
377-01	0.958	-0.195	0.81	114	1965	16.28	7.34E-42	Middle
377-01	1.612	-1.197	0.94	116	1965	11.67	2.12E-73	Upper
377-02	0.736	0.557	0.96	256	1965	7.42	4.84E-175	Lower
377-02	0.864	0.244	0.94	259	1965	13.37	1.26E-163	Middle
377-02	0.910	0.026	0.92	267	1965	23.88	4.80E-144	Upper
380-01	0.918	0.308	0.99	72	1985	0.52	4.54E-69	Lower
380-01	0.904	0.226	0.99	76	1985	0.66	7.49E-70	Middle
380-01	0.959	0.058	0.98	78	1985	0.84	8.07E-70	Upper
380-02	0.515	0.752	0.64	244	1992	31.91	7.96E-56	Lower
380-02	0.658	0.398	0.68	244	1992	43.52	2.15E-62	Middle
380-02	0.825	-0.053	0.61	253	1951	98.35	6.75E-53	Upper
380-03	0.528	1.091	0.80	14	1994	0.62	1.55E-05	Lower
380-03	0.558	0.966	0.85	7	1994	0.31	3.16E-03	Middle
380-03	0.789	0.672	0.84	23	1994	1.64	8.02E-10	Upper
384-01	0.571	0.677	0.78	275	1989	18.59	1.11E-91	Lower
384-01	0.756	0.374	0.77	275	1984	33.72	6.36E-90	Middle
384-01	1.295	-0.193	0.70	282	1984	146.15	9.52E-76	Upper
384-02	0.808	0.627	0.59	354	1988	119.74	1.30E-69	Middle
384-02	1.214	-0.109	0.67	359	1988	190.94	4.26E-88	Upper
385-03	0.935	0.391	0.95	162	1975	6.67	1.18E-105	Lower
385-03	0.938	0.141	0.93	163	1975	10.47	1.73E-92	Middle
385-03	1.264	-0.621	0.64	168	1975	136.14	3.50E-38	Upper
385-04	0.593	1.351	0.87	43	1974	1.27	7.72E-20	Lower
385-04	0.582	1.201	0.87	42	1974	1.15	1.65E-19	Middle
385-04	0.569	1.084	0.82	48	1974	1.94	1.07E-18	Upper
385-05	0.757	0.252	0.87	59	1992	2.74	2.44E-27	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
385-05	0.747	0.041	0.90	62	1992	2.20	6.48E-32	Middle
385-05	0.696	-0.149	0.87	65	1992	2.75	3.59E-29	Upper
388-02	0.974	0.139	0.98	89	1983	1.31	2.41E-75	Lower
388-02	0.930	0.015	0.99	85	1983	0.46	8.56E-88	Middle
388-02	0.873	-0.046	0.98	95	1983	0.83	1.60E-86	Upper
388-03	0.968	0.317	0.99	136	1985	1.65	3.28E-124	Lower
388-03	1.001	0.096	0.99	140	1976	1.31	7.06E-137	Middle
388-03	0.988	-0.070	0.92	147	1976	9.83	6.82E-83	Upper
389-02	0.926	0.557	0.99	24	1987	0.16	8.45E-23	Lower
389-02	0.914	0.478	0.99	23	1987	0.10	7.67E-24	Middle
389-02	0.927	0.389	0.99	30	1987	0.22	3.10E-28	Upper
389-03	0.877	0.233	0.92	86	1989	3.93	5.36E-47	Lower
389-03	0.888	-0.004	0.97	85	1989	1.08	4.84E-68	Middle
389-03	0.830	-0.070	0.96	92	1989	1.53	9.33E-67	Upper
390-02	0.886	0.823	0.95	56	1987	2.18	3.48E-36	Lower
390-02	0.964	0.596	0.99	56	1987	0.44	9.89E-57	Middle
390-02	0.966	0.446	0.98	62	1987	0.80	7.09E-56	Upper
390-03	0.958	0.525	0.98	44	1987	0.58	2.03E-37	Lower
390-03	0.968	0.362	0.99	45	1987	0.23	4.06E-46	Middle
390-03	0.926	0.312	0.99	50	1987	0.20	5.70E-54	Upper
391-01	0.854	0.493	0.96	78	1993	1.25	2.96E-55	Lower
391-01	0.836	0.345	0.97	80	1993	1.07	2.41E-59	Middle
391-01	0.736	0.101	0.79	84	1993	6.57	2.00E-29	Upper
391-02	1.592	-0.405	0.83	16	1982	6.24	1.08E-06	Lower
391-02	1.806	-1.050	0.98	16	1982	0.54	4.09E-14	Middle
391-02	1.620	-1.275	0.97	20	1982	1.20	5.08E-15	Upper
392-01	0.894	0.177	0.93	207	1989	10.92	7.77E-122	Lower
392-01	0.942	-0.077	0.88	203	1978	22.43	4.50E-96	Middle
392-01	1.593	-1.132	0.94	223	1959	30.41	1.03E-138	Upper
392-03	0.928	0.369	0.99	18	1981	0.10	5.55E-18	Lower
392-03	0.976	0.136	0.99	23	1981	0.19	3.78E-22	Middle
392-03	0.962	0.044	0.99	24	1981	0.13	6.98E-25	Upper
393-01	0.953	0.364	0.99	119	1981	0.69	6.56E-124	Lower
393-01	0.991	0.148	0.99	119	1981	0.73	1.10E-125	Middle
393-01	0.943	0.028	0.99	125	1981	0.85	1.58E-125	Upper
393-02	1.052	0.555	0.97	70	1991	1.31	1.09E-54	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
393-02	0.961	0.328	0.99	65	1991	0.52	1.57E-59	Middle
393-02	0.925	0.020	0.95	76	1991	2.00	4.51E-50	Upper
393-03	0.811	0.790	0.96	122	1995	1.90	4.88E-89	Lower
393-03	0.868	0.586	0.98	122	1995	1.33	4.41E-101	Middle
393-03	0.879	0.358	0.96	130	1987	2.91	2.90E-89	Upper
395-01	0.729	0.391	0.74	119	1981	17.22	4.70E-36	Lower
395-01	0.746	0.070	0.77	118	1981	15.28	6.59E-39	Middle
395-01	0.783	-0.387	0.68	125	1981	27.62	1.77E-32	Upper
395-02	0.938	0.500	0.99	24	1976	0.18	1.86E-23	Lower
395-02	0.947	0.404	0.99	29	1976	0.24	4.39E-28	Middle
395-02	0.966	0.232	0.98	30	1976	0.41	3.09E-26	Upper
395-03	0.956	0.399	0.99	17	1976	0.18	1.49E-15	Lower
395-03	0.931	0.312	1.00	17	1976	0.06	3.85E-19	Middle
395-03	0.969	0.132	0.98	23	1976	0.36	1.19E-19	Upper
395-04	0.938	0.442	0.98	17	1976	0.26	3.00E-14	Lower
395-04	0.927	0.310	0.99	17	1976	0.10	3.63E-17	Middle
395-04	0.995	0.081	0.99	23	1976	0.14	4.07E-24	Upper
397-03	0.827	0.762	0.96	14	1982	0.38	1.35E-09	Lower
397-03	0.978	0.527	0.98	15	1982	0.30	3.88E-12	Middle
397-03	0.945	0.336	0.90	23	1982	1.77	6.61E-12	Upper
397-05	1.043	0.239	0.99	50	1986	0.48	3.27E-48	Lower
397-05	1.041	0.120	1.00	51	1986	0.14	2.86E-63	Middle
397-05	0.995	0.070	0.99	55	1986	0.24	6.93E-61	Upper
400-30	0.961	0.371	0.99	83	1989	0.48	3.57E-83	Lower
400-30	0.958	0.219	0.99	83	1989	0.64	4.85E-78	Middle
400-30	0.967	0.053	0.99	89	1989	0.50	4.61E-90	Upper
401-02	0.707	0.414	0.87	74	1992	3.26	2.23E-33	Lower
401-02	0.720	0.216	0.89	75	1992	2.48	2.00E-37	Middle
401-02	0.669	0.098	0.81	80	1992	4.99	1.69E-29	Upper
412-02	0.772	0.805	0.95	29	1993	0.51	4.86E-19	Lower
412-02	0.770	0.645	0.95	29	1993	0.54	1.32E-18	Middle
412-02	0.755	0.497	0.93	35	1993	0.89	3.82E-20	Upper
414-02	0.836	0.286	0.94	143	1991	3.56	2.16E-89	Lower
414-02	0.890	0.010	0.97	142	1991	2.21	3.64E-106	Middle
414-02	0.733	-0.161	0.86	149	1991	7.64	1.23E-64	Upper
414-03	0.718	0.410	0.81	89	2001	7.24	5.67E-33	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
414-03	0.820	0.099	0.92	89	1991	3.42	1.53E-49	Middle
414-03	1.020	-0.385	0.64	96	1991	36.31	9.22E-23	Upper
426-01	0.913	0.515	0.77	25	2002	2.41	7.77E-09	Lower
426-02	1.074	0.773	0.66	9	2002	2.26	7.51E-03	Middle
428-30	0.856	0.771	1.00	4	1987	0.00	1.07E-03	Middle
432-01	0.730	0.428	0.84	181	1994	11.36	2.34E-74	Lower
432-01	0.930	0.071	0.93	180	1994	7.88	1.70E-103	Middle
432-01	1.579	-0.831	0.70	189	2000	129.78	1.61E-50	Upper
434-03	0.656	0.653	0.79	8	1993	0.45	3.25E-03	Lower
830-08	1.027	0.446	0.92	76	1988	5.57	7.51E-42	Lower
830-08	1.227	-0.207	0.60	76	1988	60.96	2.51E-16	Middle
830-08	2.003	-1.237	0.83	83	1988	53.34	1.48E-32	Upper
831-07	0.990	0.258	0.99	42	1978	0.29	3.82E-44	Lower
831-07	1.016	0.099	1.00	43	1978	0.05	3.42E-62	Middle
831-07	0.976	0.054	1.00	47	1978	0.08	3.62E-63	Upper
831-19	0.976	0.364	0.98	5	1978	0.08	1.03E-03	Lower
831-19	0.958	0.340	0.99	5	1978	0.09	7.63E-04	Middle
831-19	0.903	0.295	0.95	10	1978	0.36	1.17E-06	Upper
832-13	0.525	0.474	0.62	22	1963	2.25	1.20E-05	Lower
832-13	0.557	0.280	0.77	22	1963	1.08	6.93E-08	Middle
832-13	0.516	0.126	0.63	27	1963	2.63	9.06E-07	Upper
832-14	0.894	0.448	0.92	13	1981	0.84	2.70E-07	Lower
832-14	0.973	0.058	0.98	18	1981	0.25	1.53E-15	Middle
832-14	0.889	-0.024	0.98	18	1981	0.20	9.55E-16	Upper
832-29	0.916	0.649	0.96	123	1988	2.63	2.17E-88	Lower
832-29	0.903	0.471	0.96	120	1988	2.79	5.09E-83	Middle
832-29	0.919	0.269	0.95	129	1988	3.54	3.14E-86	Upper
834-07	0.614	0.808	0.79	253	1986	23.29	7.99E-86	Lower
834-07	0.755	0.423	0.79	261	1986	34.09	6.21E-91	Middle
834-07	1.212	-0.221	0.71	262	1976	137.08	1.82E-72	Upper
837-06	0.965	0.481	0.96	36	1983	1.32	8.87E-26	Lower
837-06	1.049	0.173	0.96	32	1983	1.54	1.58E-22	Middle
837-06	1.519	-0.553	0.84	43	1974	18.30	5.81E-18	Upper
837-15	1.021	0.054	0.83	121	1959	33.34	2.37E-48	Lower
837-15	1.165	-0.497	0.65	122	1959	119.33	6.88E-29	Middle
837-15	1.750	-1.405	0.93	130	1950	42.34	5.72E-74	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-15	0.897	0.217	0.98	25	1979	0.45	3.22E-20	Lower
839-15	0.958	0.038	1.00	24	1979	0.08	2.08E-27	Middle
839-15	0.907	0.052	0.96	34	1979	1.07	3.37E-23	Upper
839-16	0.974	0.392	0.99	113	1981	0.72	1.08E-116	Lower
839-16	0.998	0.209	0.99	111	1981	0.59	3.20E-120	Middle
839-16	0.989	0.078	0.99	119	1981	0.84	4.13E-121	Upper
839-17	0.841	-0.065	0.81	30	1959	5.11	1.63E-11	Lower
839-17	0.763	-0.153	0.80	32	1959	5.07	4.11E-12	Middle
839-17	1.187	-1.019	0.79	39	1959	13.56	3.09E-14	Upper
840-35	0.904	0.132	0.92	88	1986	6.47	5.01E-48	Lower
840-35	1.295	-0.559	0.78	84	1979	39.96	1.56E-28	Middle
840-35	1.622	-1.259	0.95	94	1979	12.45	7.38E-62	Upper
840-36	0.747	0.520	0.77	11	1984	1.43	4.09E-04	Lower
840-36	0.819	0.244	0.86	10	1984	0.89	1.07E-04	Middle
840-36	0.718	0.150	0.71	17	1984	2.72	2.34E-05	Upper
840-43	0.882	-0.041	0.97	45	1951	1.31	1.16E-33	Lower
840-43	1.122	-0.636	0.87	42	1951	8.36	2.23E-19	Middle
840-43	1.460	-1.413	0.97	51	1951	3.18	1.13E-40	Upper
843-02	0.908	0.446	0.96	11	1982	0.34	2.11E-07	Lower
843-02	1.020	0.109	0.99	11	1982	0.08	1.64E-10	Middle
843-02	0.990	0.075	0.99	17	1982	0.08	6.95E-18	Upper
845-02	0.968	0.055	0.98	101	1979	1.45	9.48E-89	Lower
845-02	1.076	-0.298	0.88	103	1979	13.22	4.19E-48	Middle
845-02	1.613	-1.238	0.99	110	1979	2.73	3.97E-107	Upper
847-02	0.852	0.398	0.85	66	1980	7.23	2.12E-28	Lower
847-02	0.929	0.065	0.94	66	1982	3.37	1.23E-40	Middle
847-02	1.275	-0.535	0.77	74	1982	30.53	7.78E-25	Upper
849-21	1.000	0.060	0.95	8	1971	0.33	5.05E-05	Lower
849-21	0.941	-0.003	0.93	10	1971	0.39	6.11E-06	Middle
849-21	1.556	-1.313	0.98	14	1971	0.62	2.81E-11	Upper
849-23	0.956	0.290	0.98	60	1984	0.81	5.40E-51	Lower
849-23	0.983	0.072	0.99	64	1984	0.31	4.40E-69	Middle
849-23	0.883	-0.042	0.97	66	1984	1.06	1.13E-51	Upper
849-26	0.656	0.659	0.89	5	1986	0.15	1.60E-02	Lower
849-26	0.703	0.503	0.91	10	1986	0.27	1.64E-05	Upper
849-35	0.980	0.222	0.98	71	1986	0.76	6.39E-64	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-35	0.970	0.060	0.99	74	1986	0.41	5.01E-77	Middle
849-35	0.900	-0.011	0.99	77	1986	0.62	2.65E-71	Upper
849-44	0.802	0.750	0.77	18	1987	2.27	1.52E-06	Lower
849-44	0.828	0.618	0.78	23	1987	3.11	2.73E-08	Middle
849-44	0.734	0.418	0.56	24	1987	6.93	2.89E-05	Upper
850-32	0.793	0.614	0.95	4	1998	0.08	2.64E-02	Lower
850-32	1.032	0.565	0.97	4	1998	0.06	1.55E-02	Middle
850-32	0.968	0.186	0.95	8	1998	0.25	4.93E-05	Upper
852-26	0.648	0.719	0.81	13	1963	1.29	2.91E-05	Lower
852-26	0.960	0.002	0.65	10	1963	6.26	5.08E-03	Middle
852-26	1.649	-0.710	0.82	19	1963	10.47	7.90E-08	Upper
852-27	0.832	0.838	0.87	14	1995	0.83	1.00E-06	Lower
852-27	0.806	0.582	0.86	10	1995	0.61	1.11E-04	Middle
852-27	0.824	0.337	0.87	19	1995	1.14	6.14E-09	Upper
853-27	0.981	0.075	0.98	160	1977	2.23	1.52E-141	Lower
853-27	0.914	-0.011	0.99	161	1977	1.00	5.33E-166	Middle
853-27	1.614	-1.105	0.97	166	1977	9.64	7.09E-132	Upper
853-33	0.580	0.686	0.87	13	1982	0.68	3.42E-06	Lower
853-33	0.824	0.269	0.88	9	1982	0.95	1.87E-04	Middle
853-33	0.857	0.105	0.89	19	1982	1.61	9.78E-10	Upper
855-08	0.812	0.858	0.95	4	1979	0.14	2.67E-02	Lower
855-08	0.867	0.509	0.97	5	1979	0.15	2.19E-03	Middle
855-08	0.977	0.479	0.94	9	1979	0.53	1.26E-05	Upper
857-22	0.760	0.317	0.88	52	1992	2.35	1.29E-24	Lower
857-22	0.808	0.042	0.93	49	1992	1.30	4.63E-29	Middle
857-22	0.755	-0.091	0.90	58	1992	2.12	1.59E-29	Upper
859-09	0.812	0.731	0.83	207	1993	23.22	2.18E-80	Lower
859-09	1.002	0.371	0.88	208	1981	23.39	1.22E-96	Middle
859-09	1.518	-0.301	0.80	216	1981	102.84	7.54E-76	Upper
859-10	0.630	0.532	0.82	56	1951	6.21	6.96E-22	Lower
859-10	1.062	-0.152	0.66	58	1951	43.04	9.00E-15	Middle
859-10	1.549	-0.918	0.85	61	1951	33.21	7.17E-26	Upper
859-18	0.750	0.834	0.92	144	1981	6.42	7.37E-79	Lower
859-18	0.956	0.500	0.90	141	1981	13.42	6.29E-70	Middle
859-18	1.160	-0.048	0.66	150	1981	90.90	1.66E-36	Upper
860-08	0.929	0.166	0.97	149	1987	3.90	7.69E-111	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
860-08	0.900	0.011	0.97	152	1973	3.09	8.78E-118	Middle
860-08	1.288	-0.731	0.87	165	1973	34.01	7.72E-75	Upper
861-01	0.948	0.238	0.98	36	1979	0.60	1.52E-29	Lower
861-01	0.984	0.083	0.97	35	1979	0.82	5.41E-27	Middle
861-01	0.927	0.025	0.95	42	1979	1.38	1.88E-28	Upper
861-02	0.904	0.719	0.99	27	1986	0.14	9.94E-28	Lower
861-02	0.910	0.602	0.99	25	1986	0.18	2.16E-24	Middle
861-02	0.988	0.434	0.97	33	1986	0.78	5.11E-25	Upper
861-03	1.368	-0.853	0.92	36	1964	5.52	2.21E-20	Lower
861-03	1.590	-1.281	1.00	41	1964	0.21	6.65E-54	Middle
861-03	1.527	-1.348	1.00	42	1964	0.44	2.23E-48	Upper
862-20	0.540	0.917	0.85	160	1962	8.73	1.64E-66	Lower
862-20	0.775	0.452	0.78	158	1962	28.57	3.85E-53	Middle
862-20	0.930	0.110	0.73	169	1962	55.66	3.87E-49	Upper
862-22	0.838	0.533	0.93	4	1986	0.18	3.51E-02	Lower
862-22	0.898	-0.009	0.98	10	1986	0.12	3.09E-08	Upper
863-02	0.658	0.561	0.62	172	1986	31.86	1.85E-37	Lower
863-02	0.632	0.424	0.60	174	1986	33.19	9.27E-36	Middle
863-02	0.637	0.244	0.59	178	1986	34.37	3.26E-36	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-05	1.582	-1.042	0.64	132	1986	158.21	1.98E-30	Middle
004-05	1.801	-1.419	0.81	133	1986	84.40	2.10E-49	Upper
008-07	0.812	0.039	0.90	63	1987	3.84	4.95E-32	Lower
008-07	0.745	-0.128	0.83	67	1987	5.94	7.45E-27	Middle
008-07	0.956	-0.673	0.66	73	1986	26.60	2.65E-18	Upper
008-08	0.868	0.318	0.78	186	1983	36.22	7.47E-63	Lower
008-08	0.841	0.147	0.80	185	1986	29.39	9.46E-67	Middle
008-08	0.966	-0.327	0.65	199	1986	90.45	7.58E-47	Upper
008-09	1.737	-1.013	0.72	393	1966	422.67	3.33E-109	Middle
008-09	1.813	-1.364	0.82	412	1977	261.00	3.52E-156	Upper
009-01	1.404	-0.584	0.59	24	1972	34.96	1.04E-05	Middle
009-01	1.195	-1.079	0.54	38	1994	51.44	1.35E-07	Upper
009-02	1.041	0.130	0.99	284	1989	3.63	8.78E-270	Lower
009-02	1.406	-0.477	0.87	279	1989	74.02	3.33E-126	Middle
009-02	1.735	-1.124	0.98	296	1969	14.28	7.19E-261	Upper
009-03	0.854	0.295	0.96	316	1974	8.20	1.12E-223	Lower
009-03	0.882	0.064	0.95	316	1974	11.79	3.03E-205	Middle
009-03	0.802	-0.096	0.83	326	1974	36.69	7.32E-128	Upper
009-04	0.496	0.550	0.59	84	1992	9.98	2.15E-17	Lower
009-05	0.882	0.595	0.96	108	1988	2.78	3.62E-77	Lower
009-05	0.882	0.403	0.95	107	1988	4.08	4.02E-68	Middle
009-05	1.379	-0.381	0.65	113	1988	96.70	5.17E-27	Upper
010-01	0.908	0.744	0.97	239	1989	5.48	3.86E-183	Lower
010-01	1.080	0.423	0.95	240	1989	12.29	1.15E-160	Middle
010-01	1.752	-0.668	0.89	247	1974	81.40	2.54E-121	Upper
010-06	1.602	-1.006	0.61	64	1982	73.57	2.35E-14	Lower
010-06	1.767	-1.655	0.75	65	1982	49.13	1.07E-20	Middle
010-06	1.793	-1.671	0.78	78	1982	53.55	1.91E-26	Upper
012-10	0.943	0.583	0.98	104	1990	0.74	1.51E-92	Lower
012-10	0.930	0.453	0.98	105	1990	0.72	1.09E-91	Middle
012-10	0.905	0.262	0.90	114	1990	4.88	2.92E-58	Upper
013-01	0.967	0.075	0.93	12	1971	0.40	3.50E-07	Middle
013-01	1.631	-1.286	0.89	22	1978	2.08	5.25E-11	Upper
015-01	0.718	0.018	0.73	54	1977	11.81	2.40E-16	Lower
015-01	1.511	-1.218	0.93	54	1977	10.77	1.28E-31	Middle
015-01	1.305	-1.374	0.86	70	1981	19.12	3.01E-31	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
019-30	0.984	0.072	0.99	12	1979	0.07	6.88E-12	Lower
019-30	0.931	0.018	0.98	11	1979	0.13	1.78E-09	Middle
019-30	0.873	-0.040	0.92	18	1979	1.01	5.32E-10	Upper
019-31	1.010	0.323	0.98	114	1984	2.03	4.72E-93	Lower
019-31	1.035	0.120	0.99	119	1984	1.05	4.37E-116	Middle
019-31	1.322	-0.473	0.87	120	1984	22.38	1.84E-54	Upper
021-02	0.604	1.194	0.77	143	1983	14.12	1.50E-46	Lower
021-02	0.869	0.748	0.85	143	1983	17.03	5.41E-60	Middle
021-02	0.953	0.415	0.75	151	1983	42.21	4.19E-46	Upper
021-05	0.971	0.398	0.94	34	1986	1.65	2.11E-21	Lower
021-05	1.006	0.116	0.96	36	1986	1.23	4.54E-26	Middle
021-05	1.483	-0.716	0.81	47	1993	17.51	6.93E-18	Upper
025-08	1.103	0.190	1.00	3	1987	0.00	1.68E-16	Lower
025-08	1.079	0.165	1.00	3	1987	0.00	2.38E-02	Middle
025-08	1.281	-0.574	0.56	10	1987	10.18	1.23E-02	Upper
026-09	1.009	0.106	0.96	101	1991	3.07	4.75E-69	Lower
026-09	0.933	-0.033	0.90	99	1991	6.03	1.34E-50	Middle
026-09	1.320	-0.753	0.78	112	1991	36.71	1.41E-37	Upper
027-01	0.733	0.329	0.89	305	1978	23.62	7.38E-145	Lower
027-01	1.426	-0.905	0.77	306	1978	209.76	2.72E-98	Middle
027-01	1.582	-1.645	0.88	312	1978	121.83	3.93E-143	Upper
027-02	1.451	-0.523	0.88	212	1988	45.88	2.95E-100	Lower
027-02	1.739	-1.137	0.99	210	1988	4.61	2.62E-214	Middle
027-02	1.594	-1.314	0.96	221	1983	19.92	1.04E-150	Upper
027-03	1.123	-0.022	0.61	263	1982	204.34	1.44E-55	Lower
027-03	1.553	-0.704	0.70	262	1982	259.37	2.99E-70	Middle
027-03	1.844	-1.312	0.88	280	1982	128.08	2.97E-128	Upper
027-05	1.649	-0.425	0.72	47	1981	29.55	6.54E-14	Lower
027-05	2.105	-1.303	0.75	47	1981	41.79	3.83E-15	Middle
027-05	1.827	-1.495	0.76	56	1981	36.83	1.74E-18	Upper
028-04	0.870	0.513	0.88	326	1984	26.91	1.80E-153	Lower
028-04	1.064	0.127	0.87	322	1984	46.15	1.96E-142	Middle
028-04	1.821	-0.929	0.91	335	1984	85.60	3.69E-180	Upper
028-05	1.083	-0.337	0.78	275	1975	88.67	4.30E-92	Lower
028-05	1.536	-1.200	0.93	275	1978	45.77	2.75E-162	Middle
028-05	1.406	-1.405	0.89	291	1975	65.95	2.25E-142	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
029-02	1.809	-0.757	0.94	93	1991	17.79	8.47E-59	Lower
029-02	1.758	-1.110	0.99	95	1991	3.01	4.41E-94	Middle
029-02	1.536	-1.355	0.95	99	1991	10.71	5.46E-67	Upper
029-03	1.456	-0.782	0.84	62	1973	30.39	5.76E-26	Lower
029-03	1.602	-1.274	1.00	61	1973	0.26	8.33E-87	Middle
029-03	1.461	-1.424	0.99	69	1973	1.72	7.10E-70	Upper
029-05	1.603	-1.175	0.93	99	1974	21.95	3.89E-57	Lower
029-05	1.581	-1.427	0.95	96	1971	14.27	2.33E-62	Middle
029-05	1.437	-1.585	0.91	109	1971	23.54	5.46E-58	Upper
029-06	1.081	-0.433	0.51	199	1971	239.01	1.49E-32	Lower
029-06	1.779	-1.425	0.87	198	1971	103.10	3.59E-88	Middle
029-06	1.648	-1.556	0.86	207	1971	95.64	1.36E-90	Upper
030-01	1.744	-0.612	0.78	354	1993	153.78	4.28E-117	Lower
030-01	2.053	-1.354	0.69	353	1993	320.38	1.81E-92	Middle
030-01	1.809	-1.529	0.68	363	1993	287.38	3.91E-90	Upper
030-02	0.933	0.182	0.94	17	1993	0.58	2.06E-10	Lower
030-02	1.800	-0.874	0.95	18	1993	1.63	5.86E-12	Middle
030-02	1.657	-1.661	0.65	23	1993	19.63	3.67E-06	Upper
030-04	1.007	0.088	0.99	295	1981	3.14	4.80E-275	Lower
030-04	1.164	-0.254	0.88	297	1985	41.40	3.58E-138	Middle
030-04	1.688	-1.163	0.98	313	1981	14.96	4.03E-259	Upper
031-01	0.826	0.544	0.87	200	1985	16.58	1.65E-89	Lower
031-01	1.025	0.182	0.94	199	1985	10.12	7.33E-125	Middle
031-01	1.515	-0.776	0.69	212	1985	176.41	1.34E-55	Upper
031-02	0.661	0.914	0.83	390	1983	29.77	3.56E-152	Lower
031-02	0.918	0.512	0.86	392	1983	45.40	1.74E-169	Middle
031-02	1.333	-0.282	0.70	398	1983	261.76	1.59E-105	Upper
031-03	0.933	0.098	0.95	51	1983	2.12	1.77E-34	Lower
031-03	1.039	-0.170	0.80	50	1975	13.57	3.73E-18	Middle
031-03	1.686	-1.208	0.93	61	1975	11.95	3.32E-36	Upper
031-04	0.938	0.246	0.97	81	1974	2.36	2.19E-61	Lower
031-04	1.064	-0.135	0.85	81	1957	16.60	2.08E-34	Middle
031-04	1.697	-1.186	0.98	87	1957	5.61	7.02E-73	Upper
031-05	0.919	0.080	0.97	80	1978	1.52	5.91E-60	Lower
031-05	1.258	-0.505	0.78	81	1978	23.63	1.00E-27	Middle
031-05	1.547	-1.578	0.71	85	1978	55.97	6.42E-24	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-06	0.847	0.389	0.83	324	1991	36.89	2.83E-127	Lower
031-06	1.440	-0.490	0.80	320	1983	130.13	1.08E-113	Middle
031-06	1.604	-1.482	0.74	337	1988	239.59	1.62E-100	Upper
031-07	0.995	0.048	0.79	62	1980	16.18	8.29E-22	Lower
031-07	1.390	-1.027	0.57	62	1980	87.40	1.55E-12	Middle
031-07	1.784	-1.463	0.80	71	1980	52.59	5.58E-26	Upper
031-08	0.666	1.161	0.89	181	1979	5.71	5.03E-87	Lower
031-08	0.712	0.902	0.92	181	1979	4.43	1.15E-100	Middle
031-08	0.650	0.569	0.77	186	1979	13.41	3.13E-60	Upper
031-09	0.930	0.154	0.72	159	1989	44.84	1.32E-45	Lower
031-09	1.772	-1.013	0.93	159	1990	34.71	2.57E-90	Middle
031-09	1.538	-1.230	0.84	169	1990	62.38	7.72E-69	Upper
032-01	0.520	0.798	0.72	13	1976	1.16	2.26E-04	Lower
032-01	0.674	0.451	0.73	8	1976	1.30	6.76E-03	Middle
032-01	1.523	-0.444	0.75	19	1976	12.13	1.66E-06	Upper
032-02	0.481	0.872	0.75	48	1976	3.37	2.21E-15	Lower
032-02	0.728	0.451	0.73	49	1976	8.79	8.16E-15	Middle
032-02	1.268	-0.315	0.69	54	1976	33.82	5.57E-15	Upper
032-04	0.739	0.497	0.83	204	1988	18.07	7.41E-80	Lower
032-04	0.864	0.134	0.85	203	1987	21.68	5.22E-84	Middle
032-04	1.151	-0.582	0.67	220	1987	113.22	4.10E-54	Upper
033-01	0.791	0.351	0.88	199	1983	15.74	1.94E-94	Lower
033-01	1.021	-0.063	0.83	200	1985	42.37	2.16E-77	Middle
033-01	1.629	-1.060	0.90	216	1985	59.85	7.59E-110	Upper
033-02	0.993	-0.178	0.54	133	1982	103.42	1.04E-23	Lower
033-02	1.277	-0.816	0.58	132	1982	143.18	3.79E-26	Middle
033-02	1.647	-1.481	0.83	140	1982	71.46	8.49E-55	Upper
033-03	1.052	-0.221	0.80	137	1979	35.36	1.65E-49	Lower
033-03	1.560	-1.192	0.95	143	1984	17.10	5.53E-94	Middle
033-03	1.388	-1.347	0.90	151	1979	30.87	5.06E-75	Upper
033-04	0.912	0.062	0.96	182	1979	5.43	7.81E-133	Lower
033-04	1.417	-0.896	0.80	183	1983	88.85	4.25E-66	Middle
033-04	1.604	-1.514	0.90	193	1979	53.73	4.01E-97	Upper
034-05	0.675	0.837	0.67	23	1993	3.54	1.69E-06	Lower
034-05	1.126	0.096	0.76	21	1993	7.42	2.65E-07	Middle
034-05	1.378	-0.855	0.66	37	1974	22.21	9.00E-10	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
034-06	1.118	-0.130	0.78	20	1993	8.24	3.00E-07	Lower
034-06	1.691	-1.096	0.95	17	1975	3.41	6.38E-11	Middle
034-06	1.672	-1.153	0.95	31	1975	4.73	1.97E-20	Upper
035-01	1.655	-1.102	0.98	92	1980	5.95	2.70E-74	Lower
035-01	1.566	-1.313	0.98	96	1980	3.16	2.36E-87	Middle
035-01	1.384	-1.513	0.95	98	1980	8.61	1.44E-65	Upper
035-02	1.742	-0.704	0.94	54	1987	7.65	1.41E-33	Lower
035-02	1.824	-1.030	0.99	55	1987	0.85	7.62E-61	Middle
035-02	1.663	-1.232	0.98	60	1987	2.89	4.03E-49	Upper
035-03	0.827	0.092	0.91	239	1991	17.81	2.12E-126	Lower
035-03	1.076	-0.427	0.76	243	1975	99.12	3.20E-76	Middle
035-03	1.558	-1.248	0.92	254	1975	59.44	3.64E-139	Upper
036-01	0.990	0.066	0.98	17	1995	0.27	1.47E-13	Lower
036-01	1.622	-0.689	0.88	16	1995	3.80	7.58E-08	Middle
036-01	1.710	-1.352	0.77	22	1995	11.83	6.76E-08	Upper
036-04	0.772	0.738	0.78	246	1993	26.56	1.12E-82	Lower
036-04	1.959	-1.246	0.67	256	1993	304.87	6.87E-64	Upper
036-05	0.617	0.505	0.77	171	1980	17.52	4.26E-56	Lower
036-05	1.062	-0.250	0.69	167	1980	76.69	2.31E-44	Middle
036-05	1.501	-1.164	0.78	183	1980	101.01	5.71E-62	Upper
036-06	1.503	-0.863	0.69	147	1974	157.33	9.09E-39	Lower
036-06	1.679	-1.533	0.85	143	1974	72.74	5.47E-61	Middle
036-06	1.472	-1.726	0.83	153	1974	69.14	9.13E-61	Upper
037-01	0.994	0.160	0.55	234	1989	151.02	1.34E-41	Lower
037-01	1.108	-0.229	0.50	227	1989	221.01	6.99E-36	Middle
037-01	1.842	-1.267	0.81	245	1985	149.98	1.22E-89	Upper
038-01	1.518	-0.957	0.78	91	1972	71.19	1.38E-30	Lower
038-01	1.687	-1.303	0.89	89	1972	35.78	1.44E-43	Middle
038-01	1.532	-1.465	0.88	97	1972	37.22	9.47E-45	Upper
038-02	1.240	-0.450	0.64	139	1976	119.52	1.32E-32	Lower
038-02	1.751	-1.457	0.85	139	1976	77.90	9.54E-58	Middle
038-02	1.611	-1.571	0.84	144	1976	73.51	7.88E-58	Upper
038-04	0.979	0.288	0.96	167	1981	5.82	3.03E-120	Lower
038-04	0.966	0.068	0.99	167	1981	1.66	2.25E-163	Middle
038-04	1.660	-0.904	0.92	172	1981	38.22	7.76E-96	Upper
039-03	2.199	-0.886	0.81	14	1995	9.08	9.96E-06	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
039-03	2.166	-1.309	0.66	10	1995	13.96	4.26E-03	Middle
039-03	2.027	-1.434	0.65	19	1995	24.41	2.89E-05	Upper
039-04	0.736	0.661	0.82	127	1976	10.73	6.21E-48	Lower
039-04	0.758	0.432	0.82	127	1972	10.93	1.43E-48	Middle
039-04	1.031	-0.204	0.54	135	1972	85.14	5.28E-24	Upper
040-01	1.647	-1.220	0.99	214	1978	6.82	3.97E-201	Lower
040-01	1.525	-1.358	0.99	216	1973	3.04	2.83E-233	Middle
040-01	1.369	-1.529	0.95	225	1976	18.87	1.46E-147	Upper
040-02	0.736	0.429	0.77	118	1977	17.06	2.72E-39	Lower
040-02	1.709	-0.802	0.86	119	1977	50.00	2.79E-52	Middle
040-02	1.567	-1.458	0.73	124	1977	101.84	1.60E-36	Upper
040-03	1.591	-1.081	0.96	168	1980	15.02	4.02E-117	Lower
040-03	1.535	-1.346	0.99	170	1980	1.85	4.92E-192	Middle
040-03	1.357	-1.537	0.96	174	1980	11.58	2.02E-120	Upper
040-04	1.384	-0.677	0.58	166	1989	188.03	1.83E-32	Middle
040-04	1.783	-1.219	0.79	171	1989	115.44	5.94E-59	Upper
040-32	1.302	-0.572	0.85	8	1985	2.14	1.03E-03	Lower
040-32	1.749	-1.098	0.99	10	1985	0.16	1.97E-10	Middle
040-32	1.537	-1.317	0.97	14	1985	0.97	3.30E-10	Upper
041-01	0.947	0.052	0.91	134	1983	9.34	7.79E-72	Lower
041-01	0.888	-0.033	0.86	130	1983	13.96	2.23E-56	Middle
041-01	1.632	-1.205	0.91	145	1982	30.29	1.45E-76	Upper
041-03	0.442	0.583	0.67	9	1989	0.77	6.89E-03	Lower
041-03	1.465	-0.882	0.68	15	1989	13.32	1.70E-04	Upper
041-04	1.546	-0.918	0.71	61	1989	46.75	1.15E-17	Upper
041-05	0.903	0.071	0.57	216	1989	121.99	2.84E-41	Lower
041-05	1.773	-1.083	0.85	215	1980	107.14	1.19E-90	Middle
041-05	1.614	-1.492	0.80	230	1979	136.77	1.55E-81	Upper
042-03	1.461	-0.541	0.90	204	1981	39.84	2.27E-102	Lower
042-03	1.732	-1.148	0.99	203	1981	6.42	3.31E-191	Middle
042-03	1.552	-1.361	0.94	210	1981	25.63	6.66E-130	Upper
042-04	1.665	-1.189	0.99	57	1985	2.25	2.04E-52	Lower
042-04	1.537	-1.334	0.99	55	1985	1.67	1.82E-51	Middle
042-04	1.326	-1.572	0.96	63	1985	4.37	1.79E-44	Upper
043-02	1.787	-0.783	0.71	231	1987	234.28	4.26E-63	Middle
043-02	1.765	-1.322	0.74	240	1987	202.37	6.27E-71	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
043-03	1.746	-1.425	0.72	91	1987	82.15	2.52E-26	Middle
043-03	1.585	-1.559	0.72	97	1987	70.34	3.30E-28	Upper
043-04	0.850	0.578	0.95	79	1986	2.67	2.11E-52	Lower
043-04	0.918	0.261	0.95	78	1986	2.95	3.19E-52	Middle
043-04	1.310	-0.729	0.74	84	1986	46.31	1.24E-25	Upper
043-05	1.431	-0.389	0.79	6	1993	2.70	1.78E-02	Middle
043-05	1.725	-1.510	0.56	10	1995	12.58	1.28E-02	Upper
043-06	1.600	-0.658	0.58	268	1988	357.70	3.71E-52	Middle
043-06	1.698	-1.131	0.68	276	1990	267.27	5.45E-70	Upper
045-30	1.716	-1.447	0.79	90	1976	84.79	3.54E-31	Middle
045-30	1.627	-1.646	0.81	94	1976	68.12	1.02E-34	Upper
046-04	0.817	-0.063	0.90	100	1979	7.50	6.12E-51	Lower
046-04	0.745	-0.167	0.90	101	1979	6.45	5.94E-51	Middle
046-04	1.348	-1.265	0.90	112	1981	22.96	4.53E-56	Upper
046-05	0.885	0.030	0.89	91	1981	10.93	2.04E-44	Lower
046-05	1.296	-0.707	0.81	91	1981	44.73	4.62E-34	Middle
046-05	1.539	-1.287	0.90	100	1967	31.92	1.28E-50	Upper
046-06	1.577	-1.529	0.75	313	1972	279.78	7.35E-97	Lower
046-06	1.495	-1.666	0.77	313	1972	231.27	3.73E-101	Middle
046-06	1.342	-1.811	0.76	319	1972	195.03	1.66E-101	Upper
047-01	0.764	0.470	0.88	251	1992	12.40	3.70E-118	Lower
047-01	0.732	0.270	0.88	253	1992	11.78	2.37E-117	Middle
047-01	1.103	-0.374	0.61	265	1992	129.94	4.71E-56	Upper
047-02	0.861	0.555	0.84	173	1969	19.36	7.66E-70	Lower
047-02	0.915	0.259	0.84	176	1991	23.21	2.80E-70	Middle
047-02	1.002	-0.153	0.66	190	1991	80.07	4.07E-46	Upper
047-03	0.806	0.280	0.91	150	1988	7.07	9.98E-80	Lower
047-03	0.859	-0.032	0.94	153	1976	5.67	3.41E-92	Middle
047-03	0.827	-0.253	0.78	159	1988	22.17	4.19E-54	Upper
048-02	1.015	-0.173	0.65	143	1979	83.86	4.99E-34	Lower
048-02	1.066	-0.535	0.60	142	1977	113.44	6.48E-30	Middle
048-02	1.613	-1.517	0.87	153	1977	61.22	5.00E-69	Upper
048-03	0.992	0.108	0.98	149	1983	2.17	8.06E-132	Lower
048-03	0.913	-0.009	0.98	152	1983	2.23	2.34E-128	Middle
048-03	1.409	-0.952	0.88	156	1983	34.14	5.35E-74	Upper
050-07	0.820	0.682	0.96	8	1995	0.12	1.60E-05	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
050-07	0.816	0.598	0.95	9	1995	0.16	6.79E-06	Middle
050-07	0.805	0.496	0.94	12	1995	0.28	1.55E-07	Upper
051-03	1.091	0.766	0.94	132	1995	5.51	2.87E-82	Lower
051-03	1.557	-0.156	0.59	131	1995	127.53	1.86E-26	Middle
051-08	1.036	0.195	0.97	179	1992	4.70	1.52E-134	Lower
051-08	1.002	0.059	0.96	178	1988	5.11	3.06E-128	Middle
051-08	1.588	-0.824	0.89	191	1988	43.63	3.98E-92	Upper
052-05	1.073	0.282	0.73	96	1972	22.19	2.89E-28	Lower
052-05	2.169	-1.146	0.75	95	1972	82.44	2.14E-29	Middle
052-05	1.955	-1.482	0.70	100	1972	85.79	1.11E-27	Upper
052-06	1.605	-1.427	0.55	24	1975	30.00	3.41E-05	Middle
052-07	1.640	-1.100	0.96	130	1982	16.61	1.20E-88	Lower
052-07	1.543	-1.321	0.94	133	1982	19.30	1.53E-83	Middle
052-07	1.369	-1.498	0.88	135	1982	36.89	5.15E-62	Upper
052-08	0.878	0.001	0.82	201	1975	38.78	1.11E-75	Lower
052-08	1.615	-1.359	0.87	204	1975	90.10	4.15E-91	Middle
052-08	1.412	-1.618	0.85	213	1978	83.80	6.07E-89	Upper
052-30	1.421	-0.251	0.80	159	1972	52.83	1.60E-57	Lower
052-30	1.841	-0.980	0.89	162	1993	46.24	1.09E-77	Middle
052-30	1.666	-1.414	0.75	173	1991	105.44	1.52E-53	Upper
053-01	0.834	0.261	0.93	102	1989	5.54	2.48E-58	Lower
053-01	1.010	-0.239	0.80	104	1989	24.10	1.06E-37	Middle
053-01	1.495	-1.295	0.91	119	1974	23.81	8.48E-63	Upper
053-02	1.002	0.321	0.98	156	1980	2.89	4.46E-137	Lower
053-02	1.027	0.087	0.97	153	1979	4.68	7.53E-120	Middle
053-02	1.417	-0.802	0.84	169	1979	62.02	2.10E-69	Upper
053-03	0.998	0.152	0.95	268	1974	13.06	6.98E-174	Lower
053-03	1.100	-0.205	0.86	266	1974	48.67	2.79E-113	Middle
053-03	1.630	-1.231	0.93	283	1980	46.66	1.88E-168	Upper
053-04	0.958	0.115	0.60	251	1990	145.07	2.93E-51	Lower
053-04	1.244	-0.380	0.66	256	1974	189.65	1.63E-61	Middle
053-04	1.685	-1.252	0.85	264	1990	122.37	5.75E-110	Upper
053-05	0.961	0.747	0.99	24	1993	0.10	1.24E-24	Lower
053-05	1.045	0.599	0.99	20	1993	0.13	5.17E-20	Middle
053-05	1.550	-0.182	0.72	33	1993	16.17	4.75E-10	Upper
053-08	0.540	0.867	0.68	231	1990	20.54	2.11E-58	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-08	0.806	0.536	0.74	231	1990	33.96	4.51E-69	Middle
053-08	0.957	0.154	0.72	244	1990	55.80	2.21E-69	Upper
054-01	1.772	-1.371	0.65	123	1990	143.46	2.99E-29	Upper
054-02	2.147	-1.084	0.74	130	1994	114.55	1.03E-39	Lower
054-02	2.088	-1.361	0.79	129	1994	82.66	5.39E-45	Middle
054-02	1.875	-1.532	0.79	136	1994	69.47	1.31E-47	Upper
054-03	0.791	0.780	0.97	6	1994	0.06	2.99E-04	Lower
054-03	1.414	0.028	0.71	11	1994	4.83	1.13E-03	Middle
054-03	2.106	-1.305	0.78	12	1994	8.12	1.47E-04	Upper
055-01	1.192	-0.385	0.90	36	1960	5.71	1.54E-18	Lower
055-01	1.647	-1.224	1.00	35	1960	0.29	2.38E-43	Middle
055-01	1.591	-1.285	1.00	42	1960	0.35	2.73E-51	Upper
055-02	1.122	-0.291	0.90	48	1960	6.44	5.29E-25	Lower
055-02	1.619	-1.255	1.00	46	1960	0.10	6.68E-70	Middle
055-02	1.534	-1.346	0.99	54	1960	1.58	2.36E-51	Upper
055-03	0.932	0.006	0.99	120	1960	1.04	3.62E-120	Lower
055-03	1.395	-0.826	0.93	125	1960	19.79	4.66E-71	Middle
055-03	1.593	-1.277	0.99	126	1960	2.40	9.49E-134	Upper
055-06	1.970	-1.168	0.71	48	1984	63.17	6.08E-14	Upper
056-04	0.838	0.140	0.89	92	1995	7.23	8.35E-45	Lower
056-04	0.816	-0.051	0.91	92	1982	5.81	4.15E-48	Middle
056-04	1.098	-0.769	0.62	102	1982	66.07	1.54E-22	Upper
056-05	1.068	-0.026	0.88	105	1990	11.09	6.92E-50	Lower
056-05	1.792	-1.006	0.96	103	1990	8.93	4.45E-75	Middle
056-05	1.625	-1.193	0.91	111	1990	21.10	6.54E-58	Upper
056-07	1.427	-0.937	0.93	151	1952	25.89	7.84E-88	Lower
056-07	1.517	-1.344	0.99	146	1952	5.45	9.48E-135	Middle
056-07	1.373	-1.459	0.93	167	1952	23.17	1.16E-99	Upper
056-30	1.584	-0.517	0.89	123	1990	25.81	3.03E-60	Lower
056-30	1.775	-1.061	0.98	123	1990	5.32	2.39E-105	Middle
056-30	1.564	-1.293	0.93	129	1990	15.41	1.32E-76	Upper
056-31	1.610	-0.937	0.94	72	1986	8.23	2.17E-45	Lower
056-31	1.607	-1.238	0.99	71	1986	1.86	2.25E-66	Middle
056-31	1.440	-1.410	0.95	78	1986	6.80	8.10E-50	Upper
057-03	0.889	0.455	0.89	357	1976	39.82	1.00E-170	Lower
057-03	1.164	-0.277	0.66	362	1983	287.11	1.52E-85	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
057-03	1.815	-1.442	0.88	368	1983	190.11	4.12E-168	Upper
057-04	0.805	0.594	0.86	74	1990	5.06	1.04E-32	Lower
057-04	0.774	0.390	0.81	74	1990	6.77	8.09E-28	Middle
057-04	0.666	0.118	0.57	80	1990	17.58	5.99E-16	Upper
057-05	1.449	-0.943	0.61	239	1972	338.71	3.96E-50	Middle
057-05	1.801	-1.478	0.81	244	1981	192.30	3.25E-89	Upper
057-06	0.784	0.594	0.92	163	1995	5.88	2.59E-90	Lower
057-06	0.659	0.302	0.78	163	1995	13.45	3.25E-55	Middle
057-06	0.603	-0.058	0.52	168	1995	38.28	3.77E-28	Upper
057-07	1.258	-0.471	0.84	170	1983	40.93	3.17E-69	Lower
057-07	1.648	-1.201	0.95	170	1983	20.36	3.31E-109	Middle
057-07	1.490	-1.370	0.92	179	1981	29.18	4.64E-97	Upper
057-08	0.888	0.727	0.93	60	1995	2.18	1.59E-34	Lower
057-08	1.035	0.413	0.97	64	1995	1.36	1.18E-47	Middle
057-08	1.193	0.001	0.82	65	1995	11.38	1.66E-25	Upper
058-01	1.067	0.179	0.97	274	1991	5.55	2.62E-201	Lower
058-01	1.565	-0.483	0.89	275	1991	41.83	8.05E-134	Middle
058-01	1.825	-1.002	0.96	280	1991	18.38	4.83E-200	Upper
058-02	0.821	0.461	0.88	196	1986	13.67	5.59E-93	Lower
058-02	1.181	-0.088	0.75	196	1986	72.77	7.12E-60	Middle
058-02	1.727	-1.258	0.79	202	1986	127.60	2.09E-69	Upper
058-03	0.630	0.578	0.79	165	1975	16.99	1.92E-56	Lower
058-03	0.790	0.231	0.75	166	1975	32.79	7.12E-51	Middle
058-03	1.686	-0.950	0.86	171	1975	72.05	3.11E-75	Upper
058-04	1.697	-1.563	0.88	138	1975	62.41	2.24E-65	Lower
058-04	1.578	-1.662	0.88	136	1975	53.73	1.78E-64	Middle
058-04	1.430	-1.789	0.87	144	1975	52.14	1.16E-64	Upper
058-05	1.456	-0.712	0.86	145	1980	66.44	4.20E-63	Lower
058-05	1.660	-1.211	1.00	147	1976	1.96	4.36E-179	Middle
058-05	1.579	-1.303	0.99	153	1973	4.65	4.40E-156	Upper
059-02	1.929	-1.330	0.76	491	1987	383.29	8.25E-156	Middle
059-02	1.776	-1.473	0.76	497	1987	333.63	9.00E-157	Upper
059-03	0.794	0.471	0.88	172	1982	13.71	2.74E-79	Lower
059-03	0.982	0.145	0.93	169	1982	11.85	2.99E-96	Middle
059-03	1.611	-0.639	0.85	177	1982	70.98	8.20E-75	Upper
059-04	0.806	0.806	0.93	237	1990	8.69	1.20E-134	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
059-04	0.986	0.443	0.90	237	1990	17.54	1.70E-120	Middle
059-04	1.473	-0.260	0.77	241	1990	109.33	2.42E-78	Upper
060-01	1.386	-1.218	0.79	17	1957	3.84	1.94E-06	Upper
060-02	0.979	0.230	0.98	16	1986	0.21	9.64E-13	Lower
060-02	0.965	0.043	0.98	13	1986	0.19	2.62E-10	Middle
060-02	1.441	-0.737	0.88	24	1986	3.91	1.64E-11	Upper
060-04	1.391	-0.196	0.88	212	1990	36.68	2.65E-97	Lower
060-04	1.928	-0.906	0.99	214	1990	3.72	7.67E-229	Middle
060-04	1.807	-1.055	0.96	218	1990	17.01	2.04E-157	Upper
061-01	0.529	0.737	0.67	78	1989	9.34	8.39E-20	Lower
061-01	0.910	0.145	0.77	82	1989	17.99	5.49E-27	Middle
061-01	1.580	-0.947	0.82	93	1982	43.89	2.56E-35	Upper
061-04	1.392	-0.893	0.81	180	1942	125.90	4.64E-66	Lower
061-04	1.426	-1.179	0.87	184	1942	89.23	3.94E-81	Middle
061-04	1.315	-1.339	0.85	189	1942	85.29	3.27E-80	Upper
061-05	1.055	0.434	0.87	220	1991	21.78	7.93E-99	Lower
061-05	1.157	0.121	0.79	221	1991	47.55	9.56E-76	Middle
061-05	1.938	-0.910	0.91	229	1993	51.24	5.73E-120	Upper
061-06	1.849	-0.956	0.98	138	1992	7.41	2.32E-119	Lower
061-06	1.751	-1.065	0.98	140	1992	6.87	1.31E-119	Middle
061-06	1.570	-1.261	0.94	147	1989	19.19	1.65E-89	Upper
061-08	0.812	0.444	0.76	71	1994	8.81	5.37E-23	Lower
061-08	2.065	-1.299	0.70	71	1994	75.17	9.52E-20	Middle
061-08	1.868	-1.411	0.68	76	1994	74.89	8.62E-20	Upper
063-05	1.091	0.474	0.99	65	1990	0.41	6.03E-67	Lower
063-05	1.119	0.280	0.98	68	1990	1.01	4.95E-59	Middle
063-05	1.447	-0.403	0.83	71	1990	18.70	2.76E-28	Upper
063-07	1.912	-0.971	0.63	258	1993	308.99	8.24E-58	Lower
063-07	2.000	-1.422	0.67	259	1993	294.08	1.79E-63	Middle
063-07	1.764	-1.618	0.66	264	1993	243.30	8.58E-63	Upper
064-30	2.001	-1.365	0.63	56	1993	78.04	2.09E-13	Lower
064-30	1.820	-1.504	0.61	56	1993	73.75	1.14E-12	Middle
064-30	1.587	-1.664	0.59	62	1993	63.71	2.25E-13	Upper
065-06	0.750	0.321	0.86	48	1992	2.90	1.67E-21	Lower
065-06	0.795	0.032	0.87	52	1992	3.42	1.12E-23	Middle
065-06	0.899	-0.376	0.62	54	1992	17.57	1.27E-12	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
066-06	0.790	0.263	0.85	212	1994	16.12	5.72E-89	Lower
066-06	0.876	-0.058	0.78	210	1990	31.49	7.32E-71	Middle
066-06	1.681	-1.170	0.79	223	1994	114.50	3.66E-77	Upper
066-07	0.547	0.297	0.89	7	1995	0.13	1.42E-03	Middle
066-07	1.447	-0.767	0.63	11	1995	7.75	3.34E-03	Upper
067-09	1.822	-1.302	0.63	69	1990	94.38	6.24E-16	Upper
068-04	0.489	0.474	0.52	137	1994	20.17	3.54E-23	Lower
068-04	0.491	-0.041	0.64	135	1994	12.40	5.70E-31	Middle
070-05	2.242	-0.928	0.79	197	1991	175.63	4.85E-68	Upper
070-06	0.913	0.641	0.96	104	1991	2.66	2.14E-71	Lower
070-06	0.919	0.474	0.98	103	1991	1.32	1.34E-85	Middle
070-06	1.187	-0.091	0.74	110	1991	36.31	1.68E-33	Upper
071-03	0.939	0.370	0.97	70	1990	1.25	1.19E-52	Lower
071-03	0.852	0.241	0.93	68	1990	2.13	2.37E-40	Middle
071-03	0.798	0.012	0.81	76	1990	7.08	3.18E-28	Upper
073-01	1.790	-1.345	0.65	95	1994	112.24	3.33E-23	Lower
073-01	1.736	-1.686	0.74	96	1994	70.83	3.67E-29	Middle
073-01	1.484	-1.875	0.74	101	1994	54.34	1.11E-30	Upper
073-02	1.617	-1.662	0.64	55	1994	55.99	2.03E-13	Lower
073-02	1.468	-1.944	0.68	54	1994	36.38	1.89E-14	Middle
073-02	1.339	-1.994	0.70	61	1994	32.32	3.30E-17	Upper
073-03	2.044	-1.329	0.69	146	1993	181.01	2.89E-38	Lower
073-03	1.883	-1.597	0.69	146	1993	154.45	3.71E-38	Middle
073-03	1.623	-1.793	0.68	152	1993	125.00	1.66E-38	Upper
077-02	1.029	0.277	0.97	80	1990	1.72	3.31E-60	Lower
077-02	1.205	-0.094	0.87	81	1990	10.95	2.35E-37	Middle
077-02	1.821	-1.003	0.96	86	1990	6.55	1.45E-62	Upper
080-01	0.887	0.751	0.98	13	1993	0.10	7.07E-11	Lower
080-01	0.842	0.686	0.98	10	1993	0.07	1.05E-07	Middle
080-01	0.927	0.448	0.94	18	1993	0.54	4.54E-11	Upper
080-02	0.787	0.742	0.90	105	1993	3.57	3.30E-54	Lower
080-02	0.765	0.524	0.86	103	1993	4.97	7.61E-45	Middle
080-02	0.729	0.253	0.62	110	1993	18.91	3.22E-24	Upper
082-03	0.831	0.808	0.86	73	1991	5.27	5.84E-32	Lower
082-03	1.019	0.303	0.73	75	1991	18.05	1.19E-22	Middle
082-03	2.030	-0.801	0.81	79	1991	47.68	1.40E-29	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
082-04	0.779	0.690	0.85	148	1994	7.30	2.45E-62	Lower
082-04	1.103	0.194	0.73	149	1994	31.02	7.41E-44	Middle
082-04	1.755	-1.527	0.58	152	1994	159.37	5.45E-30	Upper
082-30	0.855	0.764	0.91	20	1994	0.54	5.96E-11	Lower
082-30	0.861	0.471	0.88	19	1994	0.71	3.34E-09	Middle
083-06	0.891	0.684	0.87	7	1989	0.57	2.02E-03	Lower
083-06	0.983	0.238	0.95	7	1989	0.23	1.83E-04	Middle
083-06	1.679	-1.586	0.57	11	1989	16.28	6.94E-03	Upper
087-02	1.040	0.351	0.93	151	1991	7.49	1.77E-87	Lower
087-02	1.079	0.110	0.89	149	1991	12.94	1.14E-71	Middle
087-02	1.670	-0.725	0.84	157	1991	48.81	3.07E-64	Upper
088-03	1.641	-0.519	0.88	12	1991	3.53	5.52E-06	Lower
088-03	1.856	-0.969	0.97	11	1991	1.09	4.23E-08	Middle
088-03	1.673	-1.163	0.92	18	1991	3.18	2.69E-10	Upper
089-01	0.488	0.707	0.58	114	1993	12.66	1.35E-22	Lower
089-05	0.594	0.925	0.58	12	1990	1.89	3.89E-03	Lower
089-05	1.612	-1.727	0.60	17	1990	18.34	2.81E-04	Upper
090-05	1.019	0.459	0.99	54	1991	0.31	2.36E-54	Lower
090-05	0.962	0.339	0.99	53	1991	0.34	3.78E-51	Middle
090-05	1.045	-0.051	0.78	60	1991	10.95	1.41E-20	Upper
092-03	0.888	-0.026	0.95	139	1977	5.15	1.19E-89	Lower
092-03	0.769	-0.149	0.88	140	1977	9.77	8.60E-65	Middle
092-03	0.599	-0.322	0.60	145	1977	29.80	5.02E-30	Upper
097-01	0.841	0.296	0.94	50	1990	1.88	3.64E-31	Lower
097-01	1.125	-0.421	0.70	49	1990	23.16	7.61E-14	Middle
097-01	1.399	-1.226	0.84	56	1990	16.73	1.64E-23	Upper
098-02	0.770	0.473	0.86	69	1994	4.17	8.24E-30	Lower
098-02	1.238	-0.254	0.70	72	1994	28.50	4.40E-20	Middle
098-02	1.985	-1.523	0.80	75	1994	43.33	1.93E-27	Upper
106-03	0.446	0.550	0.63	60	1994	4.59	3.21E-14	Lower
106-03	0.486	0.176	0.71	62	1994	3.95	1.02E-17	Middle
110-02	1.119	0.185	0.98	18	1989	0.26	6.50E-16	Lower
110-02	1.991	-0.860	1.00	16	1989	0.18	5.86E-18	Middle
110-02	1.833	-1.006	0.97	23	1989	2.03	8.55E-17	Upper
112-02	1.517	-1.069	0.94	94	1980	13.46	3.32E-59	Lower
112-02	1.544	-1.341	0.98	93	1957	4.27	4.99E-82	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
112-02	1.412	-1.409	0.91	104	1957	21.64	3.51E-54	Upper
112-03	1.634	-0.669	0.90	164	1988	41.97	2.69E-82	Lower
112-03	1.724	-1.136	0.98	166	1988	8.23	1.40E-141	Middle
112-03	1.518	-1.368	0.94	175	1989	21.61	7.91E-107	Upper
112-04	0.980	0.076	0.99	82	1977	0.90	1.09E-76	Lower
112-04	1.362	-0.673	0.90	81	1977	14.56	7.29E-41	Middle
112-04	1.560	-1.313	0.96	88	1977	8.25	3.28E-60	Upper
112-05	1.541	-1.334	1.00	18	1946	0.22	4.17E-20	Lower
112-05	1.388	-1.497	0.99	23	1946	0.73	7.67E-21	Middle
112-05	1.294	-1.601	0.98	24	1946	1.03	1.52E-19	Upper
112-06	1.699	-0.918	0.95	124	1985	13.93	2.42E-83	Lower
112-06	1.646	-1.225	0.99	123	1985	2.83	7.27E-122	Middle
112-06	1.414	-1.489	0.95	130	1985	10.87	2.44E-85	Upper
112-07	0.965	0.085	0.96	47	1986	1.58	3.70E-34	Lower
112-07	1.655	-0.802	0.90	48	1986	13.50	6.31E-25	Middle
112-07	1.707	-1.169	0.98	52	1986	2.34	1.71E-46	Upper
113-03	1.234	-0.433	0.86	171	1981	38.25	2.96E-74	Lower
113-03	1.630	-1.238	0.99	172	1977	3.92	4.89E-175	Middle
113-03	1.437	-1.436	0.94	182	1981	22.34	5.16E-110	Upper
114-01	1.333	-0.651	0.89	291	1981	58.60	6.54E-143	Lower
114-01	1.561	-1.276	0.99	296	1981	10.16	2.00E-271	Middle
114-01	1.401	-1.443	0.95	302	1963	30.85	2.93E-194	Upper
114-02	0.945	0.248	0.91	190	1995	10.76	1.59E-101	Lower
114-02	1.667	-0.825	0.87	186	1995	53.70	1.96E-82	Middle
114-02	1.665	-1.485	0.76	200	1991	115.61	8.22E-63	Upper
114-03	0.988	0.589	0.93	240	1995	10.10	1.31E-142	Lower
114-03	1.156	0.227	0.90	240	1995	21.17	1.08E-121	Middle
114-03	1.948	-1.119	0.79	250	1995	151.16	2.38E-86	Upper
117-01	1.808	-1.049	0.82	134	1986	90.86	1.97E-51	Lower
117-01	1.751	-1.373	0.89	132	1986	48.82	1.15E-63	Middle
117-01	1.468	-1.627	0.86	143	1986	47.56	5.70E-62	Upper
117-02	1.241	-0.245	0.85	116	1987	29.04	5.60E-48	Lower
117-02	1.697	-1.161	0.99	114	1987	2.43	3.62E-119	Middle
117-02	1.477	-1.420	0.96	124	1987	9.58	5.01E-88	Upper
117-03	1.627	-0.829	0.93	78	1983	12.58	2.40E-45	Lower
117-03	1.702	-1.187	0.98	81	1983	4.29	2.96E-67	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
117-03	1.561	-1.339	0.96	84	1983	6.72	3.68E-59	Upper
122-03	1.436	-0.583	0.87	115	1982	30.01	4.57E-52	Lower
122-03	1.632	-1.255	0.97	116	1982	8.95	2.13E-85	Middle
122-03	1.442	-1.467	0.91	121	1982	21.15	5.11E-64	Upper
122-30	1.137	-0.063	0.90	109	1981	12.65	2.44E-56	Lower
122-30	1.753	-1.083	0.98	106	1979	4.16	1.25E-96	Middle
122-30	1.618	-1.258	0.96	119	1981	10.04	3.61E-85	Upper
123-04	0.984	-0.001	0.81	168	1976	43.05	7.30E-61	Lower
123-04	0.937	-0.195	0.74	169	1976	56.55	8.16E-51	Middle
123-04	1.472	-1.340	0.87	182	1976	61.71	8.46E-82	Upper
124-01	0.930	0.286	0.99	198	1980	1.93	3.40E-184	Lower
124-01	0.969	0.058	0.98	199	1980	2.51	1.21E-176	Middle
124-01	0.857	-0.111	0.83	204	1980	25.59	2.08E-78	Upper
124-03	0.421	0.980	0.58	280	1989	25.72	8.08E-54	Lower
124-03	0.746	0.489	0.62	281	1989	68.24	4.52E-60	Middle
124-03	1.382	-0.415	0.62	286	1989	232.77	5.23E-62	Upper
125-01	1.722	-1.515	0.75	275	1982	247.41	3.31E-84	Upper
125-02	0.642	0.483	0.80	38	1975	2.49	4.00E-14	Lower
125-02	0.612	0.093	0.83	41	1975	2.00	1.02E-16	Middle
125-03	0.940	0.003	0.96	24	1976	0.85	5.31E-17	Lower
125-03	1.836	-1.383	0.84	26	1990	14.75	3.38E-11	Middle
125-03	1.632	-1.534	0.86	32	1982	12.79	2.19E-14	Upper
125-04	1.705	-1.165	1.00	5	1978	0.01	9.21E-06	Lower
125-04	1.658	-1.214	1.00	7	1978	0.06	1.13E-07	Middle
125-04	1.509	-1.380	0.92	10	1978	1.79	1.06E-05	Upper
126-01	0.675	0.518	0.86	242	1991	14.13	2.54E-104	Lower
126-01	0.678	0.238	0.75	242	1991	29.45	3.64E-74	Middle
126-01	0.645	-0.077	0.53	252	1987	72.01	7.64E-43	Upper
127-01	0.758	0.729	0.67	119	1990	22.90	8.28E-30	Lower
127-01	0.863	0.369	0.51	119	1990	58.07	9.18E-20	Middle
127-02	1.597	-0.877	0.62	233	1987	303.06	4.51E-50	Middle
127-02	1.839	-1.427	0.82	241	1987	147.78	2.36E-90	Upper
128-03	1.636	-1.559	0.73	51	1983	48.75	2.13E-15	Middle
128-03	1.448	-1.738	0.72	58	1983	43.77	2.86E-17	Upper
128-05	0.886	0.124	0.93	127	1989	5.59	2.05E-75	Lower
128-05	0.791	-0.097	0.89	128	1989	7.86	1.87E-62	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
128-05	0.629	-0.361	0.55	132	1989	32.94	1.54E-24	Upper
129-01	1.012	-0.373	0.68	177	1981	108.38	9.26E-46	Lower
129-01	1.566	-1.483	0.92	173	1953	47.46	2.91E-96	Middle
129-01	1.449	-1.612	0.88	190	1953	67.65	8.34E-89	Upper
129-02	0.764	0.346	0.86	240	1988	17.32	3.77E-105	Lower
129-02	0.612	0.199	0.68	238	1988	32.46	4.09E-61	Middle
130-02	0.747	0.357	0.78	94	1975	15.21	7.74E-32	Lower
130-02	0.931	-0.220	0.69	100	1975	39.40	1.23E-26	Middle
130-02	1.500	-1.575	0.70	100	1975	95.62	1.20E-27	Upper
131-01	0.927	0.302	0.98	20	1986	0.29	1.48E-16	Lower
131-01	0.998	0.078	0.99	17	1986	0.15	2.39E-16	Middle
131-01	0.905	-0.022	0.95	25	1986	0.75	5.93E-17	Upper
132-01	1.465	-0.894	0.88	35	1980	10.39	1.52E-16	Lower
132-01	1.617	-1.236	0.95	32	1980	4.06	3.03E-21	Middle
132-01	1.421	-1.447	0.91	40	1980	8.07	3.59E-21	Upper
132-02	1.475	-0.597	0.87	189	1992	51.80	3.70E-85	Lower
132-02	1.686	-1.135	0.98	191	1988	7.06	1.83E-173	Middle
132-02	1.467	-1.397	0.95	200	1992	18.99	2.22E-130	Upper
132-03	0.832	0.060	0.95	169	1960	8.11	2.04E-112	Lower
132-03	1.525	-1.163	0.95	169	1960	30.26	6.23E-109	Middle
132-03	1.336	-1.346	0.90	175	1960	49.45	2.30E-87	Upper
133-01	0.787	0.514	0.88	22	1966	1.18	8.79E-11	Lower
133-01	0.726	0.335	0.82	22	1966	1.51	6.09E-09	Middle
133-01	0.760	-0.120	0.83	26	1966	2.07	1.37E-10	Upper
133-02	1.401	-1.186	0.62	189	1966	255.04	1.93E-41	Lower
133-02	1.561	-1.570	0.81	189	1955	124.88	2.93E-69	Middle
133-02	1.447	-1.697	0.82	200	1955	107.05	8.27E-75	Upper
133-03	0.925	-0.071	0.61	93	1988	50.78	2.96E-20	Lower
133-03	1.563	-1.174	0.90	92	1988	26.13	4.46E-46	Middle
133-03	1.241	-1.677	0.79	100	1988	40.30	3.42E-35	Upper
134-01	1.627	-1.240	0.99	122	1972	2.98	3.31E-123	Lower
134-01	1.480	-1.407	0.99	122	1977	3.03	6.65E-118	Middle
134-01	1.253	-1.652	0.94	134	1977	12.20	5.47E-83	Upper
135-01	1.570	-0.805	0.92	18	1987	3.45	3.99E-10	Lower
135-01	1.591	-1.311	0.97	17	1987	1.25	1.12E-12	Middle
135-01	1.455	-1.434	0.92	24	1987	3.58	1.24E-13	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
139-01	0.731	0.595	0.80	114	1987	12.10	4.60E-41	Lower
139-01	1.242	-0.179	0.71	115	1987	58.11	2.60E-32	Middle
139-01	1.712	-0.956	0.90	120	1987	32.63	1.29E-59	Upper
139-02	0.655	0.442	0.81	100	1987	8.53	1.43E-36	Lower
139-02	1.272	-0.330	0.69	99	1987	58.76	2.01E-26	Middle
139-02	1.673	-1.007	0.86	106	1987	39.18	3.43E-46	Upper
139-03	2.089	-0.979	0.69	147	1994	150.99	8.88E-39	Upper
139-04	1.609	-0.945	0.92	103	1975	30.41	9.29E-57	Lower
139-04	1.636	-1.231	0.99	104	1975	2.09	1.55E-115	Middle
139-04	1.439	-1.440	0.98	110	1981	6.82	2.50E-90	Upper
139-05	1.673	-1.614	0.60	54	1993	70.24	5.11E-12	Lower
139-05	1.445	-1.909	0.55	55	1993	65.60	7.01E-11	Middle
139-05	1.296	-2.001	0.57	60	1993	54.45	4.43E-12	Upper
139-06	1.584	-1.448	0.93	236	1964	61.75	2.12E-134	Lower
139-06	1.449	-1.630	0.94	237	1964	39.57	2.83E-148	Middle
139-06	1.260	-1.815	0.91	247	1964	51.34	1.03E-128	Upper
139-07	1.476	-0.946	0.94	73	1964	10.78	1.73E-44	Lower
139-07	1.531	-1.350	0.99	75	1964	1.01	2.14E-84	Middle
139-07	1.343	-1.551	0.95	79	1964	7.34	2.04E-52	Upper
140-01	1.752	-0.871	0.94	65	1990	13.42	2.83E-39	Lower
140-01	1.663	-1.160	0.97	66	1990	5.71	1.16E-49	Middle
140-01	1.411	-1.451	0.95	71	1990	6.64	1.36E-47	Upper
140-02	1.746	-0.950	0.95	58	1990	9.86	8.42E-38	Lower
140-02	1.619	-1.193	0.97	60	1990	5.62	9.69E-45	Middle
140-02	1.374	-1.449	0.94	69	1990	9.11	8.24E-42	Upper
140-03	1.633	-0.992	0.95	162	1980	19.53	7.36E-108	Lower
140-03	1.594	-1.294	0.98	160	1980	7.37	3.31E-137	Middle
140-03	1.383	-1.529	0.94	168	1980	17.12	4.61E-106	Upper
141-01	1.763	-1.417	0.80	21	1978	16.49	5.39E-08	Middle
141-01	1.725	-1.513	0.75	29	1978	25.99	9.86E-10	Upper
141-02	0.950	0.503	0.96	92	1982	2.24	1.50E-66	Lower
141-02	1.256	-0.026	0.82	93	1982	21.85	5.24E-36	Middle
141-02	1.822	-1.000	0.96	96	1982	8.76	5.97E-69	Upper
141-03	1.414	-0.790	0.92	210	1982	37.03	1.29E-115	Lower
141-03	1.576	-1.301	1.00	211	1962	2.49	6.27E-244	Middle
141-03	1.410	-1.441	0.95	219	1962	22.73	3.36E-143	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
142-02	0.688	0.228	0.87	106	1984	7.29	3.13E-48	Lower
142-02	1.280	-0.656	0.77	102	1984	48.53	3.85E-34	Middle
142-02	1.433	-1.552	0.84	112	1984	41.84	3.46E-46	Upper
142-04	1.093	0.166	0.99	10	1989	0.05	3.29E-10	Lower
142-04	1.033	0.097	0.99	15	1989	0.07	1.38E-15	Middle
142-04	1.571	-0.640	0.90	15	1989	2.71	5.72E-08	Upper
143-06	0.775	1.039	0.84	80	1977	4.96	4.21E-33	Lower
143-06	1.003	0.735	0.92	79	1977	3.83	6.12E-44	Middle
143-06	1.637	-0.263	0.62	88	1984	82.66	1.18E-19	Upper
144-01	0.946	-0.225	0.58	186	1978	125.26	1.21E-36	Lower
144-01	1.456	-1.140	0.66	183	1978	213.72	8.33E-44	Middle
144-01	1.724	-1.543	0.86	192	1978	98.89	3.91E-82	Upper
144-02	0.961	0.227	0.96	164	1991	4.17	9.98E-119	Lower
144-02	0.929	-0.048	0.94	167	1986	6.17	2.13E-104	Middle
144-02	1.600	-1.213	0.93	173	1986	22.54	6.52E-103	Upper
144-03	1.830	-1.362	0.85	84	1987	52.53	4.72E-35	Middle
144-03	1.692	-1.508	0.85	88	1987	47.66	1.40E-36	Upper
144-04	1.350	-0.486	0.86	194	1986	43.00	6.58E-83	Lower
144-04	1.670	-1.179	0.99	198	1986	4.66	1.83E-192	Middle
144-04	1.489	-1.395	0.95	203	1986	16.55	5.29E-134	Upper
145-01	1.572	-0.913	0.93	139	1983	20.99	2.52E-80	Lower
145-01	1.595	-1.305	0.98	136	1983	5.53	1.67E-116	Middle
145-01	1.447	-1.470	0.95	145	1983	13.18	1.20E-93	Upper
145-02	1.086	-0.242	0.81	89	1976	29.15	8.02E-33	Lower
145-02	1.618	-1.217	0.95	89	1976	15.43	4.13E-57	Middle
145-02	1.523	-1.732	0.81	94	1976	60.20	1.37E-34	Upper
146-01	1.722	-1.137	0.98	147	1977	6.42	5.04E-132	Lower
146-01	1.636	-1.238	0.98	146	1978	7.44	1.60E-123	Middle
146-01	1.519	-1.367	0.94	160	1978	20.61	3.32E-98	Upper
147-01	1.796	-1.053	0.99	36	1992	0.99	4.09E-37	Lower
147-01	1.645	-1.223	0.99	32	1992	0.78	2.07E-32	Middle
147-01	1.415	-1.461	0.98	42	1992	1.81	2.48E-35	Upper
147-02	1.505	-0.719	0.88	56	1973	21.79	1.92E-26	Lower
147-02	1.674	-1.135	0.99	58	1973	2.95	3.60E-53	Middle
147-02	1.530	-1.298	0.97	60	1973	4.65	1.11E-47	Upper
147-03	0.641	0.270	0.77	133	1989	18.04	5.20E-44	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
147-03	0.677	-0.062	0.74	137	1989	24.38	8.17E-42	Middle
147-03	1.280	-1.152	0.77	144	1965	75.83	2.02E-47	Upper
147-04	1.717	-0.829	0.94	100	1986	14.67	3.56E-63	Lower
147-04	1.675	-1.165	0.98	97	1986	4.25	3.23E-84	Middle
147-04	1.445	-1.419	0.94	106	1986	12.71	1.09E-63	Upper
147-05	1.900	-0.950	1.00	24	1978	0.16	2.27E-31	Lower
147-05	1.732	-1.131	1.00	25	1978	0.13	6.08E-33	Middle
147-05	1.441	-1.445	0.99	27	1978	0.63	9.16E-26	Upper
149-05	1.709	-1.506	0.79	134	1975	109.07	2.51E-46	Middle
149-05	1.646	-1.574	0.78	142	1975	110.11	4.13E-48	Upper
151-02	1.116	0.077	0.88	61	1976	8.42	5.52E-29	Lower
151-02	1.942	-0.875	0.99	62	1959	2.07	6.90E-61	Middle
151-02	1.678	-1.166	0.96	65	1976	5.45	1.82E-47	Upper
153-01	0.609	0.568	0.80	70	1987	6.49	2.51E-25	Lower
153-01	1.363	-0.406	0.77	68	1987	37.81	1.18E-22	Middle
153-01	1.625	-1.056	0.88	80	1987	26.51	4.10E-38	Upper
154-01	1.590	-0.978	0.64	60	1980	75.17	1.37E-14	Middle
154-01	1.785	-1.430	0.77	68	1980	54.47	1.14E-22	Upper
154-02	0.932	-0.146	0.74	196	1980	62.74	1.08E-58	Lower
154-02	1.656	-1.203	0.94	198	1980	35.67	1.04E-122	Middle
154-02	1.498	-1.396	0.89	208	1981	59.05	1.39E-100	Upper
154-03	0.878	-0.024	0.95	109	1981	3.91	1.59E-71	Lower
154-03	1.557	-1.200	0.96	110	1981	8.74	7.68E-80	Middle
154-03	1.424	-1.434	0.94	118	1978	14.25	5.79E-71	Upper
154-30	0.885	0.033	0.96	111	1983	3.55	1.92E-78	Lower
154-30	1.457	-0.789	0.86	109	1983	37.35	1.43E-47	Middle
154-30	1.522	-1.448	0.84	117	1983	51.13	1.73E-47	Upper
155-01	0.908	0.000	0.88	123	1975	13.02	2.08E-58	Lower
155-01	1.471	-1.014	0.89	121	1978	33.58	2.30E-58	Middle
155-01	1.464	-1.389	0.92	134	1977	23.42	1.83E-74	Upper
155-02	1.005	0.032	0.91	130	1979	12.24	1.07E-69	Lower
155-02	1.384	-0.653	0.87	131	1975	36.15	1.59E-58	Middle
155-02	1.608	-1.309	0.95	141	1979	18.14	2.11E-92	Upper
155-03	1.734	-1.130	0.99	12	1985	0.25	2.35E-12	Lower
155-03	1.575	-1.310	0.98	11	1985	0.66	1.16E-08	Middle
155-03	1.448	-1.453	0.96	17	1985	1.57	7.40E-12	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
156-01	0.832	-0.025	0.89	84	1975	9.52	1.49E-40	Lower
156-01	1.216	-0.771	0.81	85	1977	37.93	3.21E-31	Middle
156-01	1.434	-1.377	0.92	94	1975	20.03	9.52E-53	Upper
156-02	1.452	-1.020	0.58	129	1979	189.18	7.51E-26	Middle
156-02	1.718	-1.510	0.77	137	1979	114.75	4.67E-45	Upper
156-03	0.962	0.107	0.97	164	1978	6.39	1.10E-121	Lower
156-03	1.563	-1.131	0.77	163	1965	143.15	1.77E-53	Middle
156-03	1.670	-1.585	0.88	174	1978	76.53	1.32E-82	Upper
157-01	1.410	-1.075	0.92	22	1957	5.16	3.53E-12	Lower
157-01	1.496	-1.382	0.97	22	1957	1.86	7.18E-17	Middle
157-01	1.358	-1.523	0.90	28	1957	7.10	1.87E-14	Upper
157-02	1.070	-0.303	0.77	57	1987	21.02	2.71E-19	Lower
157-02	1.521	-1.252	0.94	58	1957	9.80	4.59E-36	Middle
157-02	1.364	-1.394	0.88	68	1957	16.79	1.54E-32	Upper
157-03	0.765	0.300	0.83	193	1983	19.59	5.97E-75	Lower
157-03	1.280	-0.400	0.73	195	1983	95.46	3.67E-57	Middle
157-03	1.632	-1.097	0.86	202	1983	72.92	3.82E-87	Upper
157-04	1.066	-0.067	0.68	68	1985	31.51	7.93E-18	Lower
157-04	1.724	-1.139	0.87	69	1985	26.22	1.78E-31	Middle
157-04	1.489	-1.662	0.69	73	1985	62.08	1.28E-19	Upper
158-01	1.372	-0.699	0.88	158	1977	43.55	1.52E-74	Lower
158-01	1.553	-1.275	0.97	165	1951	12.53	3.16E-127	Middle
158-01	1.390	-1.451	0.93	171	1978	27.93	8.22E-98	Upper
159-02	0.502	0.636	0.60	76	1983	11.16	2.51E-16	Lower
159-02	1.008	-0.250	0.53	77	1983	61.03	6.02E-14	Middle
159-02	1.397	-1.127	0.70	82	1983	60.46	2.34E-22	Upper
161-01	1.626	-0.661	0.54	24	1989	36.39	3.88E-05	Lower
161-01	1.996	-1.106	0.78	19	1989	15.42	5.82E-07	Middle
161-01	1.839	-1.313	0.76	30	1989	20.95	2.66E-10	Upper
161-02	0.470	0.733	0.57	170	1975	20.88	9.66E-33	Lower
161-02	0.772	0.173	0.51	175	1975	72.20	8.97E-29	Middle
161-02	1.418	-1.241	0.56	179	1975	209.26	1.53E-33	Upper
161-03	0.527	0.580	0.70	94	1983	11.35	1.01E-25	Lower
161-03	0.663	0.200	0.67	89	1983	19.70	1.38E-22	Middle
161-03	1.458	-0.997	0.75	99	1983	69.13	3.12E-31	Upper
161-04	1.048	0.472	0.93	75	1990	4.53	1.23E-43	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
161-04	1.396	-0.126	0.79	75	1990	29.02	4.22E-26	Middle
161-04	1.827	-1.018	0.97	79	1990	6.49	1.24E-58	Upper
161-05	1.296	-0.434	0.79	21	1980	11.70	6.28E-08	Lower
161-05	1.701	-1.164	1.00	22	1980	0.24	8.42E-27	Middle
161-05	1.335	-1.548	0.97	25	1980	1.55	1.64E-19	Upper
161-06	0.870	-0.134	0.84	103	1980	16.10	1.45E-41	Lower
161-06	1.458	-1.414	0.96	103	1980	8.66	9.01E-75	Middle
161-06	1.211	-1.686	0.91	112	1980	16.56	1.62E-59	Upper
161-07	0.899	0.886	0.97	60	1981	0.92	3.70E-46	Lower
161-07	0.943	0.612	0.99	62	1981	0.54	1.72E-56	Middle
161-07	1.034	0.071	0.74	64	1981	15.13	8.14E-20	Upper
161-08	0.558	0.762	0.76	202	1980	20.49	5.31E-63	Lower
161-08	0.869	0.218	0.83	205	1980	32.14	3.25E-79	Middle
161-08	1.261	-0.577	0.70	209	1980	143.89	1.05E-55	Upper
161-09	0.450	0.719	0.57	186	1983	23.15	1.17E-35	Lower
161-09	0.718	0.276	0.62	186	1983	48.46	2.88E-40	Middle
161-09	1.604	-0.823	0.75	194	1983	136.27	2.36E-59	Upper
162-01	1.019	-0.007	0.92	74	1975	8.53	4.58E-42	Lower
162-01	1.736	-1.133	1.00	74	1981	1.26	5.04E-87	Middle
162-01	1.624	-1.250	0.99	85	1975	2.55	7.87E-88	Upper
163-02	2.079	-0.757	1.00	3	1977	0.00	1.61E-16	Lower
163-02	1.858	-0.977	1.00	6	1977	0.04	1.93E-06	Middle
163-02	1.686	-1.161	0.97	7	1977	0.51	4.95E-05	Upper
164-01	1.799	-1.020	0.97	12	1981	1.25	2.57E-09	Lower
164-01	1.753	-1.107	0.99	13	1981	0.28	9.40E-14	Middle
164-01	1.635	-1.242	0.98	18	1981	1.46	2.58E-14	Upper
165-04	1.548	-1.432	0.73	143	1983	135.15	9.09E-42	Lower
165-04	1.542	-1.646	0.81	144	1972	83.51	6.89E-54	Middle
165-04	1.392	-1.810	0.81	155	1972	74.99	2.49E-56	Upper
165-05	1.797	-1.061	1.00	16	1958	0.06	1.31E-21	Lower
165-05	1.640	-1.230	1.00	17	1958	0.11	7.23E-21	Middle
165-05	1.387	-1.498	0.97	19	1958	1.09	3.95E-14	Upper
166-01	1.097	0.052	0.81	70	1995	14.55	7.54E-26	Lower
166-01	1.727	-1.530	0.65	70	1995	78.50	2.49E-17	Middle
166-01	1.541	-1.852	0.62	75	1995	78.59	8.43E-17	Upper
166-05	0.410	0.175	0.63	13	1936	1.86	1.24E-03	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
166-05	1.137	-1.019	0.75	12	1936	8.04	2.91E-04	Middle
166-05	1.003	-1.362	0.77	19	1936	7.89	7.77E-07	Upper
167-01	1.666	-1.230	0.71	49	1993	47.71	2.65E-14	Lower
167-01	1.702	-1.427	0.75	49	1993	42.78	1.19E-15	Middle
167-01	1.598	-1.527	0.74	60	1961	45.98	1.21E-18	Upper
167-02	1.502	-1.023	0.93	123	1978	37.09	4.74E-70	Lower
167-02	1.541	-1.337	1.00	126	1963	0.63	1.69E-181	Middle
167-02	1.416	-1.462	0.99	132	1963	6.01	9.33E-123	Upper
167-03	0.447	0.582	0.60	60	1983	6.80	2.77E-13	Lower
167-03	0.649	0.154	0.63	61	1983	13.17	1.96E-14	Middle
167-03	1.147	-0.708	0.54	66	1983	63.42	2.24E-12	Upper
169-01	1.020	0.598	0.94	98	1995	3.29	2.45E-60	Lower
169-01	1.046	0.266	0.95	99	1995	2.84	2.14E-65	Middle
170-01	1.430	-0.874	0.63	179	1978	201.32	1.69E-40	Lower
170-01	1.705	-1.494	0.78	177	1978	138.79	1.98E-59	Middle
170-01	1.584	-1.623	0.77	185	1978	128.89	7.68E-61	Upper
170-02	1.801	-0.940	0.97	78	1989	5.79	1.42E-61	Lower
170-02	1.755	-1.116	0.98	75	1989	3.10	2.76E-67	Middle
170-02	1.606	-1.278	0.96	84	1989	8.13	1.70E-57	Upper
171-01	0.828	0.411	0.83	165	1986	18.40	4.93E-64	Lower
171-01	1.597	-0.604	0.84	169	1986	61.82	4.92E-69	Middle
171-01	1.585	-1.504	0.73	171	1986	123.67	9.57E-50	Upper
171-02	1.662	-1.756	0.58	104	1995	146.18	3.59E-21	Lower
171-02	1.449	-1.915	0.59	103	1995	105.36	1.65E-21	Middle
171-02	1.221	-2.085	0.59	109	1995	80.93	2.28E-22	Upper
171-03	0.919	0.114	0.81	136	1986	23.00	7.30E-50	Lower
171-03	1.835	-0.920	0.92	137	1986	32.03	2.45E-77	Middle
171-03	1.610	-1.168	0.88	141	1986	40.36	7.66E-67	Upper
172-01	1.388	-1.020	0.60	166	1981	221.06	3.65E-34	Lower
172-01	1.604	-1.617	0.78	166	1981	124.50	2.28E-55	Middle
172-01	1.407	-1.786	0.77	172	1981	105.17	1.24E-55	Upper
172-30	0.537	0.359	0.80	60	1970	5.71	1.20E-21	Lower
172-30	0.992	-0.440	0.63	63	1970	46.80	1.28E-14	Middle
172-30	1.335	-1.211	0.81	65	1970	35.31	3.90E-24	Upper
173-01	0.845	1.008	0.87	209	1983	11.37	1.22E-92	Lower
173-01	1.041	0.648	0.94	209	1983	6.90	3.69E-130	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
173-01	1.951	-0.397	0.69	212	1985	176.27	6.32E-56	Upper
177-03	1.611	-1.294	0.88	227	1977	92.59	2.66E-105	Lower
177-03	1.564	-1.489	0.92	229	1977	56.92	9.59E-126	Middle
177-03	1.393	-1.692	0.89	240	1977	62.26	2.53E-117	Upper
177-04	1.532	-0.558	0.62	310	1992	374.66	4.04E-66	Lower
177-04	1.627	-1.464	0.65	311	1982	361.09	4.23E-73	Middle
177-04	1.447	-1.645	0.66	321	1992	290.26	1.56E-76	Upper
177-05	0.702	0.675	0.78	363	1995	41.70	1.71E-120	Lower
177-05	0.849	0.256	0.82	364	1995	46.98	1.33E-137	Middle
177-05	1.430	-0.858	0.69	372	1982	281.10	6.27E-96	Upper
178-02	1.071	-0.183	0.64	195	1980	135.38	2.78E-44	Lower
178-02	1.661	-1.139	0.86	187	1973	94.28	5.63E-80	Middle
178-02	1.649	-1.432	0.88	208	1973	76.22	1.74E-98	Upper
178-03	0.956	-0.039	0.70	240	1977	97.65	2.23E-63	Lower
178-03	1.269	-0.866	0.61	241	1977	256.89	2.73E-50	Middle
178-03	1.601	-1.556	0.83	254	1977	135.66	4.07E-98	Upper
185-01	1.330	-0.565	0.81	144	1971	78.41	1.13E-52	Lower
185-01	1.656	-1.202	0.99	147	1981	3.31	5.50E-161	Middle
185-01	1.450	-1.426	0.98	153	1980	10.25	5.41E-124	Upper
187-01	1.600	-1.614	0.75	193	1973	163.63	1.15E-59	Middle
187-01	1.437	-1.773	0.75	203	1978	140.06	2.67E-62	Upper
187-02	0.574	0.318	0.76	98	1983	9.93	1.05E-31	Lower
187-02	1.134	-0.391	0.62	101	1983	79.11	2.78E-22	Middle
187-02	1.607	-1.033	0.86	103	1983	44.11	2.99E-44	Upper
187-03	1.851	-1.336	0.84	29	1982	18.14	2.92E-12	Middle
187-03	1.706	-1.528	0.83	39	1982	22.18	7.26E-16	Upper
187-04	1.307	0.007	0.66	310	1985	215.14	3.50E-74	Lower
187-04	1.915	-0.825	0.93	313	1990	63.47	5.49E-186	Middle
187-04	1.652	-1.340	0.86	319	1990	111.94	4.64E-137	Upper
188-01	0.946	0.155	0.91	169	1989	10.88	1.66E-88	Lower
188-01	1.346	-0.443	0.82	171	1989	47.90	5.38E-64	Middle
188-01	1.684	-1.120	0.90	180	1990	41.02	1.95E-89	Upper
188-02	1.008	-0.081	0.55	128	1990	84.08	1.26E-23	Lower
188-02	1.853	-1.088	0.83	128	1990	68.95	1.31E-50	Middle
188-02	1.635	-1.388	0.80	136	1984	69.25	3.95E-49	Upper
188-03	1.571	-1.540	0.68	141	1986	118.49	6.19E-36	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
188-03	1.366	-1.930	0.67	147	1986	97.37	7.85E-37	Upper
190-01	1.584	-0.959	0.86	206	1986	72.53	1.12E-89	Lower
190-01	1.621	-1.335	0.92	210	1983	41.50	1.01E-116	Middle
190-01	1.447	-1.535	0.87	216	1983	58.11	1.02E-96	Upper
190-02	1.698	-1.020	0.96	212	1984	19.52	2.33E-153	Lower
190-02	1.636	-1.229	0.98	209	1984	11.31	6.69E-171	Middle
190-02	1.410	-1.474	0.91	221	1986	38.02	1.02E-114	Upper
192-01	1.752	-0.872	0.95	84	1989	11.13	2.87E-55	Lower
192-01	1.699	-1.128	0.97	84	1989	5.65	3.18E-65	Middle
192-01	1.507	-1.330	0.92	90	1989	14.02	1.19E-50	Upper
193-01	0.532	0.847	0.57	299	1991	60.27	2.43E-56	Lower
193-01	1.216	-0.181	0.68	299	1991	190.30	1.99E-76	Middle
193-01	1.606	-0.910	0.79	313	1979	201.15	2.12E-106	Upper
193-02	0.371	0.936	0.52	224	1977	19.45	1.06E-37	Lower
193-02	0.762	0.438	0.68	216	1977	41.84	2.00E-54	Middle
193-02	0.821	0.145	0.63	238	1990	64.40	1.36E-52	Upper
193-03	0.619	1.224	0.81	42	1980	2.12	6.60E-16	Lower
193-03	2.048	-1.415	0.65	46	1980	57.10	1.12E-11	Upper
193-04	0.633	1.217	0.89	111	1980	3.30	9.84E-54	Lower
193-04	0.618	1.102	0.86	110	1980	3.99	2.39E-48	Middle
193-05	0.562	1.160	0.83	80	1981	2.86	5.47E-32	Lower
193-05	0.555	1.022	0.82	83	1981	3.15	5.23E-32	Middle
193-05	0.478	0.848	0.52	85	1981	9.98	6.05E-15	Upper
193-06	1.139	0.334	0.98	58	1991	0.81	7.69E-51	Lower
193-06	1.146	0.202	0.98	55	1991	0.81	2.67E-47	Middle
193-06	1.613	-0.544	0.87	64	1991	14.93	4.30E-29	Upper
193-31	0.906	0.627	0.97	27	1995	0.40	1.01E-20	Lower
193-31	0.824	0.485	0.96	25	1995	0.41	1.26E-17	Middle
193-31	0.698	0.295	0.73	31	1995	3.42	1.19E-09	Upper
194-01	1.218	-0.176	0.56	171	1989	166.17	7.11E-32	Lower
194-01	1.669	-0.747	0.72	170	1986	158.80	1.15E-47	Middle
194-01	1.910	-1.287	0.87	180	1986	79.21	3.29E-81	Upper
194-02	1.023	0.162	0.57	355	1987	245.98	6.87E-66	Lower
194-02	1.739	-0.665	0.76	358	1987	288.44	1.73E-113	Middle
194-02	1.816	-1.187	0.87	366	1987	150.85	6.56E-165	Upper
194-03	1.017	0.200	0.98	332	1986	6.92	7.12E-272	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
194-03	1.290	-0.443	0.68	336	1988	218.49	6.18E-85	Middle
194-03	1.788	-1.331	0.89	341	1986	110.43	2.59E-166	Upper
194-06	1.072	-0.277	0.57	151	1978	146.80	4.15E-29	Lower
194-06	1.732	-1.331	0.83	150	1978	107.04	4.03E-58	Middle
194-06	1.680	-1.580	0.87	158	1978	73.38	2.09E-71	Upper
194-07	0.780	0.052	0.79	120	1984	20.15	9.37E-42	Lower
194-07	1.286	-0.904	0.78	119	1984	56.06	1.49E-40	Middle
194-07	1.373	-1.408	0.83	131	1974	52.28	8.32E-51	Upper
195-02	0.650	0.771	0.86	54	1990	2.72	3.52E-24	Lower
195-02	0.799	0.521	0.83	54	1990	5.48	1.51E-21	Middle
195-02	0.948	0.210	0.82	59	1990	8.56	4.95E-23	Upper
195-03	1.395	-1.905	0.53	66	1995	81.22	5.08E-12	Upper
196-01	0.587	1.025	0.68	159	1978	14.68	9.62E-41	Lower
196-01	0.611	0.694	0.65	158	1978	17.99	9.63E-38	Middle
196-01	1.640	-0.888	0.56	167	1978	196.52	1.59E-31	Upper
196-02	0.618	0.733	0.78	61	1989	4.95	4.11E-21	Lower
196-02	0.864	0.289	0.83	63	1989	7.19	3.46E-25	Middle
196-02	1.695	-0.914	0.80	70	1989	37.69	1.75E-25	Upper
196-03	0.810	0.493	0.80	155	1983	22.47	1.44E-55	Lower
196-03	1.338	-0.483	0.74	160	1983	88.92	2.52E-48	Middle
196-03	1.716	-1.414	0.80	163	1983	105.98	6.30E-58	Upper
196-04	0.490	1.179	0.73	174	1985	11.43	2.51E-51	Lower
196-04	0.880	0.766	0.74	175	1985	35.74	1.75E-52	Middle
196-04	1.184	0.082	0.64	180	1985	106.08	2.01E-41	Upper
198-02	0.831	0.640	0.86	182	1978	16.75	9.42E-79	Lower
198-02	1.282	-0.014	0.78	185	1978	70.39	1.47E-61	Middle
198-02	1.811	-0.965	0.92	190	1990	45.49	7.60E-104	Upper
198-03	0.944	0.038	0.96	105	1980	3.43	1.64E-76	Lower
198-03	1.509	-0.749	0.85	102	1982	39.75	1.25E-43	Middle
198-03	1.678	-1.181	0.98	111	1982	5.66	5.97E-97	Upper
198-30	0.541	0.877	0.69	42	1984	4.26	7.77E-12	Lower
198-30	0.837	0.384	0.61	46	1984	15.41	1.59E-10	Middle
198-30	1.757	-0.674	0.79	48	1984	29.52	2.29E-17	Upper
199-01	0.589	0.572	0.86	117	1983	3.78	8.16E-51	Lower
199-01	0.521	0.444	0.78	120	1983	5.17	5.00E-41	Middle
199-02	0.640	0.301	0.80	132	1995	9.10	1.95E-47	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
199-02	0.595	0.069	0.72	136	1995	12.65	6.55E-39	Middle
199-02	0.553	-0.290	0.50	137	1995	27.69	2.40E-22	Upper
200-01	0.858	0.704	0.96	56	1982	1.23	1.36E-38	Lower
200-01	0.895	0.471	0.97	59	1982	0.93	1.10E-45	Middle
200-01	1.471	-0.298	0.78	60	1982	24.37	1.12E-20	Upper
200-02	0.982	0.072	0.98	248	1983	3.25	1.60E-217	Lower
200-02	1.363	-0.613	0.88	245	1983	45.46	1.21E-115	Middle
200-02	1.618	-1.232	0.96	257	1983	22.20	2.62E-177	Upper
201-03	0.977	0.052	0.90	213	1987	19.10	1.82E-109	Lower
201-03	1.628	-1.060	0.95	215	1987	29.24	2.14E-137	Middle
201-03	1.508	-1.218	0.94	224	1957	28.61	2.54E-137	Upper
203-01	0.694	0.770	0.87	65	1995	2.71	1.39E-29	Lower
203-01	0.660	0.616	0.79	68	1995	4.59	4.29E-24	Middle
203-02	1.001	-0.109	0.62	234	1987	137.15	4.10E-50	Lower
203-02	0.982	-0.256	0.59	239	1980	146.72	1.21E-47	Middle
203-02	1.597	-1.224	0.82	247	1987	126.51	3.58E-93	Upper
203-03	1.279	-0.649	0.60	112	1990	143.96	1.10E-23	Lower
203-03	1.603	-1.398	0.78	118	1961	100.76	8.37E-40	Middle
203-03	1.427	-1.644	0.77	125	1961	89.20	9.84E-41	Upper
203-04	0.924	0.230	0.98	13	1990	0.18	1.68E-10	Lower
203-04	0.893	0.013	0.95	14	1990	0.43	2.89E-09	Middle
203-04	1.475	-0.838	0.85	19	1990	5.15	1.94E-08	Upper
204-01	1.117	-0.135	0.90	177	1983	18.82	9.35E-89	Lower
204-01	1.717	-1.136	1.00	179	1983	1.60	1.12E-214	Middle
204-01	1.564	-1.305	0.96	183	1983	13.89	8.62E-129	Upper
204-02	0.945	0.016	0.99	87	1983	0.48	6.91E-91	Lower
204-02	1.244	-0.508	0.87	87	1983	14.30	1.09E-39	Middle
204-02	1.628	-1.230	0.98	93	1983	3.13	5.87E-83	Upper
204-03	0.916	0.046	0.96	156	1981	4.34	2.98E-107	Lower
204-03	1.669	-1.051	0.95	151	1981	16.18	6.80E-101	Middle
204-03	1.535	-1.193	0.92	167	1981	24.42	8.05E-93	Upper
204-04	0.889	0.335	0.95	28	1992	0.71	2.67E-18	Lower
204-04	0.935	0.002	0.95	28	1992	0.86	1.84E-18	Middle
204-04	1.360	-0.851	0.77	34	1992	10.82	7.44E-12	Upper
205-02	1.645	-1.220	0.75	87	1982	80.65	2.20E-27	Lower
205-02	1.716	-1.527	0.86	85	1982	41.72	2.30E-37	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
205-02	1.586	-1.634	0.84	93	1982	44.18	2.21E-38	Upper
205-03	1.005	-0.100	0.89	105	1988	10.60	3.19E-51	Lower
205-03	1.657	-1.201	0.98	104	1988	4.05	3.27E-91	Middle
205-03	1.404	-1.483	0.94	111	1988	11.49	7.36E-68	Upper
206-01	1.556	-1.338	0.74	279	1963	288.10	2.70E-82	Lower
206-01	1.569	-1.622	0.79	281	1963	214.80	8.59E-98	Middle
206-01	1.481	-1.720	0.79	285	1963	192.49	2.40E-99	Upper
207-01	0.995	0.303	0.96	254	1995	7.01	4.75E-185	Lower
207-01	1.003	0.063	0.97	248	1984	6.20	1.32E-186	Middle
207-01	1.347	-0.680	0.74	268	1995	125.91	1.90E-80	Upper
207-02	0.998	0.417	0.99	228	1986	1.47	1.00E-231	Lower
207-02	1.037	0.213	0.99	226	1986	1.79	1.00E-223	Middle
207-02	1.000	0.038	0.95	234	1986	8.54	1.17E-152	Upper
207-03	0.622	0.813	0.75	56	1981	7.65	4.79E-18	Lower
207-03	0.999	0.199	0.95	52	1981	3.13	1.39E-33	Middle
207-03	1.429	-0.741	0.69	64	1981	61.19	2.76E-17	Upper
207-05	1.293	-0.281	0.88	18	1982	3.02	7.26E-09	Lower
207-05	1.790	-1.077	0.99	23	1982	0.42	5.78E-24	Middle
207-05	1.700	-1.182	0.97	24	1982	1.69	4.71E-18	Upper
207-06	0.958	0.403	0.98	77	1985	1.22	6.33E-63	Lower
207-06	0.988	0.224	0.98	76	1985	1.27	1.90E-62	Middle
207-06	1.083	-0.093	0.88	86	1985	9.94	5.21E-40	Upper
207-08	0.899	-0.018	0.97	27	1987	0.53	4.04E-20	Lower
207-08	0.796	-0.126	0.95	26	1987	0.68	8.76E-17	Middle
207-08	1.590	-1.245	0.94	33	1987	3.51	5.44E-21	Upper
207-09	1.272	-0.280	0.79	151	1983	56.44	1.11E-51	Lower
207-09	1.765	-1.295	0.80	150	1983	95.58	3.53E-54	Middle
207-09	1.629	-1.552	0.75	157	1983	114.18	4.74E-49	Upper
208-01	0.971	0.355	0.99	42	1982	0.17	1.30E-46	Lower
208-01	1.011	0.172	0.99	44	1982	0.41	9.59E-43	Middle
208-01	0.934	0.026	0.95	48	1982	1.63	8.70E-32	Upper
208-02	0.956	0.046	0.97	18	1975	0.37	4.06E-14	Lower
208-02	0.886	-0.028	0.95	17	1975	0.62	3.65E-11	Middle
208-02	1.028	-0.375	0.82	24	1975	4.61	9.07E-10	Upper
208-30	1.014	0.169	0.96	81	1991	1.89	1.28E-58	Lower
208-30	1.175	-0.161	0.85	79	1991	11.03	1.24E-33	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
208-30	1.780	-1.019	0.95	87	1991	8.51	1.80E-57	Upper
210-01	0.955	0.274	0.98	126	1985	1.31	6.59E-115	Lower
210-01	0.981	0.074	0.99	129	1985	0.82	4.14E-131	Middle
210-01	1.024	-0.224	0.84	137	1985	20.31	4.23E-55	Upper
210-02	0.939	0.161	0.95	111	1991	3.31	2.32E-72	Lower
210-02	1.188	-0.366	0.82	114	1991	21.80	5.98E-43	Middle
210-02	1.615	-1.144	0.91	117	1991	18.00	3.21E-63	Upper
211-01	1.036	0.105	0.98	41	1979	1.01	7.35E-35	Lower
211-01	1.715	-0.790	0.93	40	1979	10.13	1.95E-23	Middle
211-01	1.762	-1.121	0.99	46	1979	1.66	2.72E-45	Upper
211-02	1.502	-1.085	0.96	119	1952	12.55	3.66E-82	Lower
211-02	1.530	-1.356	0.99	112	1952	2.77	3.10E-112	Middle
211-02	1.420	-1.475	0.98	128	1954	6.60	7.98E-104	Upper
211-03	1.542	-1.095	0.82	133	1955	101.37	4.52E-51	Lower
211-03	1.701	-1.600	0.92	135	1955	50.55	1.29E-74	Middle
211-03	1.614	-1.664	0.92	139	1955	47.94	3.58E-76	Upper
211-04	1.620	-1.253	1.00	28	1962	0.21	3.86E-36	Lower
211-04	1.553	-1.325	1.00	24	1962	0.03	8.56E-39	Middle
211-04	1.387	-1.494	0.93	34	1962	5.80	2.02E-20	Upper
213-02	0.996	0.101	0.98	6	1976	0.18	2.29E-04	Lower
213-02	1.278	-0.227	0.83	8	1976	3.06	1.72E-03	Middle
213-02	1.806	-0.978	0.98	10	1976	0.90	7.43E-08	Upper
213-04	1.154	-0.292	0.53	60	1980	69.59	4.38E-11	Lower
213-04	1.693	-1.036	0.74	61	1980	58.62	3.83E-19	Middle
213-04	1.823	-1.403	0.87	66	1980	32.77	1.30E-29	Upper
213-05	1.050	0.126	0.99	84	1982	0.94	9.66E-79	Lower
213-05	1.583	-0.726	0.93	81	1982	12.72	2.71E-46	Middle
213-05	1.732	-1.136	0.98	90	1982	4.43	2.02E-75	Upper
213-06	1.862	-1.363	0.71	64	1987	69.25	3.63E-18	Upper
213-08	1.029	0.257	0.98	97	1983	1.40	1.94E-85	Lower
213-08	0.986	0.079	0.97	97	1983	2.45	2.90E-73	Middle
213-08	0.954	-0.264	0.72	103	1983	27.55	6.01E-30	Upper
214-01	0.974	-0.065	0.94	173	1982	9.46	1.78E-109	Lower
214-01	1.614	-1.249	0.99	178	1965	2.48	1.66E-199	Middle
214-01	1.521	-1.347	0.99	184	1965	5.58	3.93E-172	Upper
215-01	1.367	-0.567	0.88	122	1983	27.14	1.18E-56	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
215-01	1.677	-1.190	0.99	123	1983	1.73	8.45E-138	Middle
215-01	1.518	-1.383	0.96	127	1983	9.18	1.33E-92	Upper
216-01	0.877	-0.046	0.97	118	1978	2.43	1.10E-90	Lower
216-01	0.760	-0.158	0.92	123	1978	5.56	6.91E-68	Middle
216-01	1.270	-1.154	0.83	124	1978	36.79	2.09E-48	Upper
216-02	1.009	0.094	0.99	5	1982	0.02	1.73E-04	Lower
216-02	0.946	0.027	0.99	8	1982	0.06	2.24E-07	Middle
216-02	0.887	-0.039	0.99	10	1982	0.08	5.54E-09	Upper
217-01	0.990	0.722	0.99	96	1989	0.70	1.60E-92	Lower
217-01	1.012	0.577	1.00	101	1989	0.28	2.53E-119	Middle
217-01	0.945	0.428	0.90	102	1989	6.25	3.54E-52	Upper
217-02	0.954	0.361	0.96	161	1983	4.32	8.00E-115	Lower
217-02	1.018	0.143	0.96	167	1983	4.67	5.36E-120	Middle
217-02	0.936	0.057	0.93	171	1983	8.79	2.84E-97	Upper
218-01	0.936	0.336	0.98	148	1983	1.90	2.71E-127	Lower
218-01	0.972	0.139	0.97	151	1983	3.07	3.52E-118	Middle
218-01	0.931	-0.051	0.88	159	1983	13.84	4.55E-74	Upper
218-30	0.903	0.296	0.97	24	1982	0.59	1.02E-17	Lower
218-30	0.914	0.073	0.94	24	1982	1.08	3.78E-15	Middle
218-30	1.109	-0.443	0.79	29	1982	8.24	1.12E-10	Upper
219-01	0.917	0.029	0.91	114	1979	8.58	4.62E-61	Lower
219-01	0.818	-0.083	0.85	115	1979	12.73	9.25E-49	Middle
219-01	1.338	-1.102	0.81	120	1979	48.00	8.28E-44	Upper
219-02	1.032	-0.104	0.74	311	1983	109.07	3.14E-91	Lower
219-02	1.628	-1.055	0.93	309	1982	59.48	1.25E-175	Middle
219-02	1.472	-1.325	0.86	333	1982	104.06	1.44E-143	Upper
219-03	1.206	-0.370	0.84	123	1977	39.84	1.77E-49	Lower
219-03	1.703	-1.455	0.84	128	1977	78.30	1.02E-52	Middle
219-03	1.608	-1.655	0.81	131	1977	91.85	7.67E-48	Upper
219-04	0.742	0.285	0.76	86	1985	12.59	6.54E-28	Lower
219-04	1.723	-0.995	0.94	86	1985	13.56	1.42E-53	Middle
219-04	1.608	-1.097	0.91	93	1985	20.79	1.48E-48	Upper
219-05	1.285	-0.361	0.88	218	1982	40.48	8.08E-100	Lower
219-05	1.735	-1.119	0.99	215	1982	3.83	1.35E-228	Middle
219-05	1.552	-1.320	0.93	227	1985	33.74	7.20E-130	Upper
219-07	0.949	0.258	0.94	177	1984	8.09	1.19E-111	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
219-07	0.920	-0.242	0.63	181	1984	76.21	5.61E-41	Middle
219-07	1.550	-1.624	0.71	186	1970	155.84	9.93E-52	Upper
219-08	1.326	-1.999	0.65	36	1981	21.50	3.08E-09	Middle
219-08	1.250	-2.062	0.63	38	1981	21.56	3.14E-09	Upper
219-30	1.603	-1.231	0.87	124	1962	56.92	5.10E-56	Lower
219-30	1.580	-1.522	0.91	123	1962	36.12	5.66E-65	Middle
219-30	1.434	-1.672	0.89	138	1962	39.27	4.45E-68	Upper
220-02	0.662	0.665	0.82	44	1995	3.07	2.04E-17	Lower
220-02	0.666	0.544	0.84	43	1995	2.78	9.80E-18	Middle
220-02	0.674	0.462	0.84	47	1995	3.13	3.11E-19	Upper
221-01	1.828	-1.559	0.64	73	1995	85.02	3.40E-17	Middle
221-01	1.576	-1.753	0.62	78	1995	71.90	1.35E-17	Upper
221-02	0.935	0.233	0.54	47	1995	21.01	4.96E-09	Lower
221-02	1.878	-1.500	0.63	48	1995	59.20	1.86E-11	Middle
221-02	1.679	-1.658	0.62	52	1995	53.60	5.22E-12	Upper
223-03	1.317	-0.055	0.73	116	1990	55.56	7.12E-34	Lower
223-03	1.794	-1.088	0.80	117	1990	67.80	1.50E-42	Middle
223-03	1.569	-1.522	0.68	130	1990	112.69	1.86E-33	Upper
224-01	1.109	-0.201	0.88	135	1986	18.46	1.85E-63	Lower
224-01	1.654	-1.192	0.98	135	1978	5.77	5.97E-117	Middle
224-01	1.519	-1.332	0.92	144	1978	22.30	3.69E-81	Upper
224-02	1.198	-0.208	0.86	132	1981	32.92	2.34E-57	Lower
224-02	1.803	-1.361	0.87	136	1979	69.48	3.48E-61	Middle
224-02	1.653	-1.511	0.85	141	1981	71.48	5.28E-59	Upper
226-01	0.497	0.792	0.71	68	1979	5.77	1.46E-19	Lower
226-01	0.944	0.232	0.60	65	1979	32.77	2.72E-14	Middle
226-01	1.711	-0.673	0.81	74	1979	42.64	1.07E-27	Upper
227-03	0.938	0.069	0.97	40	1987	0.72	5.76E-31	Lower
227-03	1.291	-0.579	0.85	42	1987	9.44	7.36E-18	Middle
227-03	1.549	-1.280	0.89	46	1987	9.67	1.65E-22	Upper
228-04	1.551	-0.683	0.70	69	1984	57.45	3.29E-19	Lower
228-04	1.774	-1.400	0.82	68	1984	38.37	2.22E-26	Middle
228-04	1.645	-1.542	0.80	75	1984	39.75	1.68E-27	Upper
228-05	1.911	-1.062	0.76	26	1988	22.33	5.74E-09	Lower
228-05	1.978	-1.231	0.82	24	1988	16.10	1.10E-09	Middle
228-05	1.740	-1.502	0.78	32	1988	20.42	2.73E-11	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
228-06	1.996	-1.240	0.82	223	1988	147.92	5.95E-84	Middle
228-06	1.771	-1.455	0.80	230	1988	136.31	3.40E-81	Upper
229-05	1.923	-1.076	0.68	134	1993	133.38	1.21E-34	Lower
229-05	1.900	-1.451	0.65	137	1993	152.06	1.33E-32	Middle
229-05	1.647	-1.628	0.61	140	1993	139.06	4.12E-30	Upper
230-02	0.793	0.712	0.90	75	1980	3.30	2.25E-38	Lower
230-02	0.882	0.386	0.97	74	1980	1.24	2.86E-55	Middle
230-02	1.212	-0.184	0.78	79	1980	20.64	3.96E-27	Upper
230-03	1.634	-1.298	0.74	89	1979	84.44	6.63E-27	Lower
230-03	1.507	-1.636	0.75	90	1979	67.85	7.18E-28	Middle
230-03	1.361	-1.776	0.75	99	1979	59.52	9.93E-31	Upper
230-05	0.970	0.115	0.98	235	1990	3.57	2.30E-196	Lower
230-05	0.899	-0.005	0.98	236	1984	3.40	7.29E-192	Middle
230-05	1.038	-0.580	0.72	250	1984	73.89	5.58E-71	Upper
232-01	0.840	0.373	0.88	229	1995	18.87	2.21E-107	Lower
232-01	0.810	0.061	0.84	232	1995	26.05	4.83E-92	Middle
232-01	1.204	-0.879	0.70	242	1987	126.13	1.59E-65	Upper
232-30	1.804	-1.397	0.66	140	1987	202.62	3.75E-34	Upper
232-31	1.821	-1.380	0.71	23	1986	28.27	4.50E-07	Upper
236-01	1.790	-1.225	0.80	91	1979	71.47	1.17E-32	Middle
236-01	1.807	-1.443	0.86	94	1979	49.22	1.81E-40	Upper
236-02	0.830	0.639	0.91	82	1991	4.52	8.41E-44	Lower
236-02	0.949	0.265	0.88	85	1991	8.91	1.56E-39	Middle
236-02	1.267	-0.403	0.79	92	1981	30.20	1.19E-32	Upper
238-01	0.751	-0.002	0.80	17	1976	2.18	1.52E-06	Lower
238-01	0.769	-0.144	0.86	19	1976	1.78	8.64E-09	Middle
238-01	0.803	-0.614	0.63	23	1976	7.49	5.70E-06	Upper
238-02	0.835	0.253	0.92	106	1991	4.98	5.62E-59	Lower
238-02	0.868	-0.005	0.92	104	1981	5.55	2.73E-57	Middle
238-02	0.725	-0.169	0.69	116	1981	20.44	6.14E-31	Upper
238-03	0.921	0.589	0.93	18	1984	1.00	1.29E-10	Lower
238-03	1.109	0.277	0.96	17	1984	0.76	4.14E-12	Middle
238-03	1.284	-0.172	0.81	23	1984	7.29	4.96E-09	Upper
239-31	0.935	0.375	0.97	65	1988	1.17	4.79E-52	Lower
239-31	0.917	0.131	0.91	63	1988	3.87	3.34E-34	Middle
239-31	0.820	-0.054	0.82	70	1988	8.30	8.85E-27	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
240-03	0.973	0.056	0.99	138	1978	1.46	5.98E-133	Lower
240-03	0.896	-0.025	0.96	136	1978	3.69	3.87E-99	Middle
240-03	1.052	-0.474	0.80	143	1978	36.68	2.39E-51	Upper
241-03	0.862	0.364	0.94	56	1990	1.83	6.88E-35	Lower
241-03	0.897	0.092	0.94	54	1990	2.14	1.29E-32	Middle
241-03	0.755	-0.115	0.77	61	1990	7.30	1.95E-20	Upper
243-01	1.148	-0.540	0.85	165	1973	39.59	3.31E-68	Lower
243-01	1.534	-1.332	0.97	164	1973	14.31	4.03E-120	Middle
243-01	1.383	-1.498	0.90	171	1973	35.44	3.07E-87	Upper
243-02	0.818	-0.106	0.92	70	1979	5.11	7.39E-39	Lower
243-02	0.675	-0.243	0.79	70	1970	10.19	4.40E-25	Middle
243-02	1.221	-1.537	0.83	80	1970	27.56	3.12E-32	Upper
244-01	1.011	0.028	0.82	118	1984	23.89	1.25E-45	Lower
244-01	0.946	-0.059	0.82	117	1985	22.04	1.25E-44	Middle
244-01	1.503	-1.066	0.83	128	1984	53.76	3.61E-50	Upper
247-01	0.889	0.177	0.96	120	1983	3.80	2.40E-85	Lower
247-01	1.464	-0.719	0.80	121	1983	66.96	6.77E-43	Middle
247-01	1.711	-1.534	0.85	125	1983	63.12	5.22E-53	Upper
247-02	0.952	0.287	0.97	69	1982	1.90	1.85E-53	Lower
247-02	0.989	0.060	0.97	71	1982	2.07	2.21E-55	Middle
247-02	1.490	-1.031	0.69	74	1982	75.50	5.31E-20	Upper
247-30	1.118	0.208	0.99	24	1990	0.28	3.45E-22	Lower
247-30	1.968	-0.842	0.99	23	1990	0.74	8.18E-22	Middle
247-30	1.840	-1.001	0.98	29	1990	1.71	2.76E-23	Upper
249-90	1.209	-0.544	0.87	132	1970	31.61	4.34E-59	Lower
249-90	1.576	-1.292	0.98	130	1970	5.62	2.26E-117	Middle
249-90	1.395	-1.497	0.95	137	1970	15.62	8.20E-89	Upper
250-01	0.938	0.390	0.92	14	1989	0.34	5.14E-08	Lower
250-01	0.900	0.056	0.80	24	1986	1.79	3.51E-09	Upper
250-03	1.706	-0.565	0.92	170	1989	29.27	2.19E-94	Lower
250-03	1.894	-0.952	0.99	169	1989	6.34	2.22E-154	Middle
250-03	1.770	-1.097	0.95	176	1989	20.46	4.41E-114	Upper
250-04	0.985	0.082	0.97	223	1988	5.01	1.46E-166	Lower
250-04	1.419	-0.601	0.88	223	1986	42.82	3.07E-103	Middle
250-04	1.645	-1.196	0.95	232	1986	21.04	4.95E-155	Upper
251-01	1.830	-1.028	0.99	107	1981	3.16	1.11E-108	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
251-01	1.747	-1.117	0.99	106	1985	4.14	1.88E-99	Middle
251-01	1.613	-1.252	0.95	116	1985	14.59	5.17E-76	Upper
251-02	1.103	0.149	0.82	178	1993	31.34	5.84E-68	Lower
251-02	1.902	-1.040	0.79	175	1985	113.31	1.65E-60	Middle
251-02	1.763	-1.477	0.65	186	1993	203.39	2.39E-44	Upper
252-02	1.537	-0.528	0.71	63	1987	42.22	4.58E-18	Lower
252-02	1.934	-1.224	0.81	62	1987	40.52	3.23E-23	Middle
252-02	1.817	-1.375	0.78	73	1993	46.25	9.53E-25	Upper
252-03	1.770	-0.968	0.97	94	1990	8.49	1.45E-70	Lower
252-03	1.674	-1.150	0.98	90	1990	4.80	2.39E-75	Middle
252-03	1.472	-1.354	0.93	100	1990	13.02	7.99E-60	Upper
253-03	1.465	-1.035	0.62	33	1975	44.60	4.56E-08	Lower
253-03	1.724	-1.418	0.80	36	1975	28.06	2.01E-13	Middle
253-03	1.633	-1.567	0.78	39	1975	29.80	1.05E-13	Upper
253-04	1.607	-1.191	0.66	123	1982	145.98	3.42E-30	Middle
253-04	1.707	-1.534	0.77	127	1982	99.60	2.72E-41	Upper
254-02	1.569	-0.856	0.90	122	1989	23.65	1.30E-62	Lower
254-02	1.598	-1.232	0.97	118	1989	7.02	4.26E-90	Middle
254-02	1.415	-1.419	0.92	128	1989	17.28	2.21E-69	Upper
254-03	1.149	-0.445	0.63	161	1977	142.75	6.01E-36	Lower
254-03	1.724	-1.363	0.90	168	1989	60.71	1.91E-85	Middle
254-03	1.606	-1.493	0.89	174	1975	60.54	8.64E-85	Upper
254-04	1.028	-0.209	0.51	31	1985	26.47	6.92E-06	Lower
254-04	1.788	-1.160	0.74	35	1985	31.44	4.60E-11	Middle
254-04	1.855	-1.382	0.84	37	1985	19.56	1.81E-15	Upper
254-05	1.198	-0.442	0.57	274	1985	291.17	1.47E-51	Lower
254-05	1.726	-1.183	0.83	271	1985	167.72	4.47E-104	Middle
254-05	1.599	-1.382	0.77	288	1989	211.38	1.83E-93	Upper
254-06	0.654	0.495	0.78	118	1981	14.93	1.75E-39	Lower
254-06	1.451	-0.492	0.78	117	1981	72.51	2.20E-39	Middle
254-06	1.658	-1.205	0.87	122	1981	50.72	3.28E-55	Upper
254-07	2.185	-0.637	1.00	84	1990	0.75	1.29E-110	Lower
254-07	2.074	-0.764	1.00	84	1990	0.30	7.53E-125	Middle
254-07	1.892	-0.974	0.97	87	1990	7.42	4.87E-68	Upper
255-02	0.955	0.038	0.99	47	1975	0.53	3.28E-43	Lower
255-02	0.908	-0.010	0.98	49	1975	0.76	1.53E-41	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
255-02	0.847	-0.069	0.92	58	1976	3.06	9.26E-32	Upper
255-30	0.843	0.033	0.87	38	1956	5.03	2.13E-17	Lower
255-30	1.406	-1.007	0.90	39	1956	11.11	3.89E-20	Middle
255-30	1.522	-1.222	0.92	46	1956	10.32	4.21E-26	Upper
256-02	1.272	-0.422	0.80	61	1985	27.87	1.31E-22	Lower
256-02	1.777	-1.082	0.99	63	1985	1.25	1.13E-70	Middle
256-02	1.668	-1.212	0.99	71	1980	2.71	2.02E-68	Upper
256-03	1.135	0.408	0.98	107	1992	1.71	1.89E-89	Lower
256-03	1.321	0.075	0.90	110	1992	12.15	4.63E-56	Middle
256-03	2.000	-0.837	0.96	113	1992	11.63	2.20E-77	Upper
256-04	1.615	-1.010	0.96	144	1974	12.77	1.91E-103	Lower
256-04	1.619	-1.237	0.99	144	1974	4.40	1.05E-134	Middle
256-04	1.463	-1.391	0.92	155	1974	25.63	1.21E-84	Upper
256-05	1.034	0.115	0.99	181	1981	2.22	3.14E-165	Lower
256-05	1.189	-0.261	0.88	181	1981	25.35	8.30E-85	Middle
256-05	1.698	-1.166	0.98	190	1984	8.17	1.80E-162	Upper
256-06	1.065	0.145	0.99	30	1981	0.18	5.23E-32	Lower
256-06	1.032	0.109	0.99	35	1981	0.21	4.45E-37	Middle
256-06	1.363	-0.527	0.88	36	1981	6.73	1.61E-17	Upper
258-01	0.995	0.071	0.99	24	1981	0.14	7.55E-25	Lower
258-01	1.769	-1.087	1.00	21	1981	0.25	1.01E-23	Middle
258-01	1.660	-1.194	0.97	30	1981	1.83	2.54E-23	Upper
259-01	0.486	0.754	0.61	293	1973	39.70	2.98E-62	Lower
259-01	1.259	-0.288	0.61	294	1973	267.50	1.97E-62	Middle
259-01	1.491	-1.039	0.73	299	1973	224.11	1.37E-86	Upper
260-01	1.424	-0.559	0.82	185	1977	80.36	1.09E-70	Lower
260-01	1.660	-1.407	0.79	183	1977	129.74	4.14E-64	Middle
260-01	1.499	-1.636	0.76	191	1977	133.65	1.36E-60	Upper
260-02	0.864	0.209	0.68	191	1978	72.06	3.27E-49	Lower
260-02	1.193	-0.431	0.66	189	1978	151.53	1.11E-45	Middle
260-02	1.619	-1.320	0.84	200	1978	104.09	5.83E-82	Upper
260-03	1.477	-0.582	0.86	172	1979	71.57	8.72E-74	Lower
260-03	1.746	-1.103	0.99	175	1979	4.18	2.89E-189	Middle
260-03	1.602	-1.278	0.98	176	1979	9.98	8.94E-152	Upper
260-04	1.518	-1.187	0.60	126	1979	189.35	3.83E-26	Lower
260-04	1.685	-1.535	0.75	124	1979	113.69	2.34E-38	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
260-04	1.562	-1.652	0.74	131	1979	105.48	5.64E-40	Upper
260-05	1.586	-0.443	0.89	102	1989	24.52	1.16E-49	Lower
260-05	1.869	-0.946	0.98	100	1989	4.78	1.61E-87	Middle
260-05	1.753	-1.084	0.96	108	1989	11.79	1.82E-73	Upper
260-06	0.655	0.728	0.84	36	1995	1.99	5.95E-15	Lower
260-06	0.567	0.572	0.68	35	1995	3.38	9.74E-10	Middle
260-07	0.769	0.452	0.92	210	1995	7.56	1.35E-116	Lower
260-07	1.234	-0.227	0.73	213	1995	86.17	3.33E-61	Middle
260-07	1.677	-1.183	0.82	220	1985	95.98	6.08E-83	Upper
260-08	1.821	-1.034	0.98	50	1986	2.51	7.08E-43	Lower
260-08	1.733	-1.137	0.97	49	1986	3.60	2.47E-37	Middle
260-08	1.589	-1.286	0.93	55	1986	7.54	4.75E-33	Upper
261-01	1.368	-0.447	0.70	223	1988	157.01	5.74E-59	Lower
261-01	1.843	-1.216	0.91	225	1986	62.14	3.35E-120	Middle
261-01	1.616	-1.450	0.88	233	1986	68.54	3.09E-109	Upper
261-02	1.520	-0.393	0.62	160	1992	155.42	5.25E-35	Lower
261-02	1.962	-1.198	0.77	162	1988	126.12	4.70E-53	Middle
261-02	1.776	-1.387	0.78	171	1992	108.52	1.11E-56	Upper
261-06	0.869	0.336	0.88	30	1993	1.94	1.47E-14	Lower
261-06	1.616	-1.439	0.56	32	1993	44.48	9.40E-07	Middle
261-06	1.495	-1.817	0.62	36	1993	31.13	1.19E-08	Upper
262-03	0.825	0.109	0.76	110	1989	19.73	7.43E-35	Lower
262-03	1.337	-0.705	0.73	114	1989	60.80	1.01E-33	Middle
262-03	1.578	-1.424	0.85	125	1989	41.81	4.18E-53	Upper
262-04	1.408	-0.634	0.63	194	1974	220.11	6.51E-43	Lower
262-04	1.727	-1.428	0.82	191	1974	121.67	9.02E-72	Middle
262-04	1.562	-1.579	0.79	200	1974	121.15	8.73E-70	Upper
262-05	0.829	0.429	0.92	118	1991	4.16	2.60E-66	Lower
262-05	0.823	0.250	0.89	121	1991	6.49	3.57E-58	Middle
262-05	0.702	0.132	0.63	124	1991	21.71	2.86E-28	Upper
262-06	0.689	0.983	0.94	110	1994	1.82	9.14E-68	Lower
262-06	0.713	0.863	0.96	110	1994	1.32	1.05E-75	Middle
262-06	0.658	0.683	0.80	116	1994	6.98	3.33E-41	Upper
262-07	0.751	0.869	0.92	69	1994	2.03	1.06E-38	Lower
262-07	0.738	0.701	0.92	72	1994	1.89	2.23E-40	Middle
262-07	0.722	0.403	0.76	77	1994	7.64	6.83E-25	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
262-30	1.250	-0.823	0.52	82	1979	115.33	2.33E-14	Lower
262-30	1.680	-1.542	0.79	83	1979	61.83	6.90E-29	Middle
262-30	1.515	-1.673	0.78	88	1979	55.32	7.58E-30	Upper
262-31	0.782	0.914	0.92	10	1988	0.25	1.05E-05	Lower
262-31	1.085	0.760	0.73	10	1988	1.73	1.74E-03	Middle
263-01	1.014	0.316	0.87	184	1988	22.83	2.18E-83	Lower
263-01	1.933	-1.032	0.80	181	1988	136.64	2.09E-65	Middle
263-01	1.885	-1.379	0.80	190	1988	137.45	6.07E-68	Upper
263-02	1.706	-0.890	0.94	109	1986	16.22	3.70E-68	Lower
263-02	1.715	-1.136	0.96	110	1986	9.66	5.10E-80	Middle
263-02	1.571	-1.297	0.90	114	1986	25.73	4.11E-58	Upper
263-03	1.911	-1.289	0.85	65	1982	36.79	5.35E-28	Middle
263-03	1.737	-1.501	0.84	70	1982	36.70	1.60E-28	Upper
263-04	0.662	0.073	0.79	146	1992	17.86	3.70E-51	Lower
263-04	1.362	-1.085	0.81	143	1992	64.10	1.74E-53	Middle
263-04	1.243	-1.280	0.77	157	1965	77.31	1.24E-50	Upper
263-05	0.939	0.199	0.93	58	1989	2.78	1.17E-34	Lower
263-05	0.907	0.017	0.94	60	1989	2.28	5.89E-38	Middle
263-05	1.412	-0.834	0.80	64	1989	23.62	1.67E-23	Upper
263-06	1.379	-1.512	0.99	101	1952	2.71	8.92E-102	Lower
263-06	1.288	-1.611	0.99	101	1952	3.46	3.42E-94	Middle
263-06	1.137	-1.776	0.94	107	1952	11.62	6.46E-68	Upper
265-01	0.969	0.357	0.99	66	1980	0.39	1.31E-70	Lower
265-01	1.028	0.164	0.99	71	1980	0.67	1.07E-68	Middle
265-01	0.953	0.033	0.91	80	1976	5.42	1.80E-43	Upper
265-02	0.850	0.009	0.84	49	1978	7.13	2.18E-20	Lower
265-02	0.786	-0.115	0.84	46	1978	5.79	2.07E-19	Middle
265-02	1.291	-1.080	0.82	58	1978	21.79	3.28E-22	Upper
266-01	0.385	1.103	0.61	68	1979	5.36	3.83E-15	Lower
266-01	0.795	0.493	0.71	65	1979	14.95	1.16E-18	Middle
266-01	1.228	-0.410	0.62	77	1979	58.64	3.09E-17	Upper
266-02	1.019	0.111	0.98	129	1991	2.49	8.86E-107	Lower
266-02	0.958	0.036	0.96	127	1980	3.61	8.24E-93	Middle
266-02	1.110	-0.400	0.77	139	1980	40.91	2.48E-45	Upper
266-03	1.274	-0.235	0.81	14	1979	5.95	1.12E-05	Lower
266-03	1.800	-1.028	0.99	16	1979	0.68	4.90E-15	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
266-03	1.645	-1.147	0.92	19	1979	4.38	5.59E-11	Upper
267-02	0.806	0.252	0.84	211	1978	23.58	1.74E-86	Lower
267-02	1.409	-0.821	0.70	208	1978	168.72	2.01E-55	Middle
267-02	1.625	-1.492	0.74	218	1978	184.23	1.08E-65	Upper
268-01	1.093	-0.025	0.78	149	1981	54.24	3.72E-50	Lower
268-01	1.872	-0.953	0.96	146	1981	25.22	5.12E-100	Middle
268-01	1.786	-1.069	0.93	157	1981	37.53	1.48E-93	Upper
268-02	0.968	0.101	0.91	109	1992	6.58	3.32E-58	Lower
268-02	1.643	-0.700	0.88	105	1992	26.74	1.65E-48	Middle
268-02	1.685	-1.139	0.85	117	1992	39.13	1.32E-48	Upper
268-03	1.911	-0.745	0.95	25	1967	5.00	3.92E-16	Lower
268-03	1.896	-0.954	1.00	25	1967	0.05	6.53E-39	Middle
268-03	1.777	-1.062	0.97	29	1967	2.63	3.74E-22	Upper
269-02	1.007	-0.283	0.74	88	1977	32.62	4.25E-27	Lower
269-02	1.602	-1.400	0.82	91	1966	55.07	1.52E-34	Middle
269-02	1.508	-1.664	0.77	96	1966	67.59	7.95E-32	Upper
269-03	0.859	0.108	0.89	26	1977	2.33	4.44E-13	Lower
269-03	1.008	-0.294	0.76	30	1977	8.83	3.59E-10	Middle
269-03	1.565	-1.328	0.83	32	1977	15.22	4.45E-13	Upper
269-04	0.990	0.093	0.97	88	1990	1.97	1.28E-66	Lower
269-04	0.885	-0.075	0.93	86	1990	3.69	7.50E-51	Middle
269-04	1.513	-1.101	0.87	99	1983	23.61	1.98E-44	Upper
269-05	1.251	-0.517	0.64	253	1957	235.07	5.82E-58	Middle
269-05	1.451	-1.312	0.72	263	1957	226.06	7.82E-75	Upper
269-06	1.283	-0.238	0.72	60	1986	33.31	1.01E-17	Lower
269-06	1.852	-0.950	0.98	62	1986	4.27	3.33E-51	Middle
269-06	1.636	-1.198	0.96	65	1986	6.04	2.93E-46	Upper
269-07	0.826	0.211	0.87	74	1983	6.98	2.85E-33	Lower
269-07	1.534	-0.674	0.82	78	1983	36.25	6.68E-30	Middle
269-07	1.613	-1.127	0.90	81	1983	19.46	4.16E-42	Upper
269-08	0.992	-0.033	0.76	109	1952	42.97	1.32E-34	Lower
269-08	1.551	-1.210	0.88	111	1952	44.73	3.74E-52	Middle
269-08	1.220	-2.005	0.74	114	1952	74.85	2.83E-34	Upper
270-01	1.138	-0.030	0.87	54	1987	11.01	2.54E-24	Lower
270-01	1.895	-0.946	1.00	56	1990	0.99	3.21E-64	Middle
270-01	1.715	-1.146	0.97	60	1987	4.60	7.70E-48	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
270-02	0.971	0.076	0.99	56	1990	0.49	1.68E-57	Lower
270-02	0.953	-0.096	0.93	61	1978	4.04	2.99E-36	Middle
270-02	1.632	-1.204	0.98	63	1978	3.24	1.15E-54	Upper
270-05	0.883	0.253	0.72	122	1976	40.67	1.06E-34	Lower
270-05	1.803	-0.899	0.93	123	1976	32.36	8.80E-72	Middle
270-05	1.672	-1.191	0.91	128	1976	36.79	1.14E-68	Upper
271-01	0.723	0.318	0.87	37	1987	1.60	3.76E-17	Lower
271-01	0.755	0.051	0.87	38	1987	1.85	2.50E-17	Middle
271-01	1.619	-1.135	0.66	42	1987	32.94	8.34E-11	Upper
272-02	1.925	-0.845	0.98	180	1988	9.84	1.03E-154	Lower
272-02	1.863	-0.968	0.98	180	1988	8.31	9.32E-159	Middle
272-02	1.747	-1.092	0.96	186	1988	18.60	9.66E-129	Upper
272-03	1.029	-0.335	0.72	156	1979	66.60	1.06E-44	Lower
272-03	1.549	-1.182	0.93	153	1979	27.43	2.95E-91	Middle
272-03	1.448	-1.644	0.83	164	1981	74.84	1.82E-63	Upper
272-04	1.559	-0.961	0.71	122	1986	113.33	2.19E-34	Lower
272-04	1.742	-1.310	0.84	122	1986	65.91	6.32E-50	Middle
272-04	1.599	-1.481	0.81	135	1985	74.12	5.03E-50	Upper
273-03	0.624	0.623	0.90	10	1983	0.24	2.64E-05	Lower
273-03	0.582	0.304	0.83	10	1983	0.47	2.31E-04	Middle
274-02	0.487	0.649	0.65	150	1986	13.79	7.73E-36	Lower
274-02	1.205	-0.036	0.53	148	1986	138.86	6.11E-26	Middle
274-02	1.800	-0.694	0.80	156	1986	93.29	2.85E-55	Upper
274-30	1.591	-0.916	0.92	25	1987	4.67	2.56E-14	Lower
274-30	1.605	-1.231	0.97	24	1987	1.61	4.84E-18	Middle
274-30	1.393	-1.447	0.91	31	1987	4.86	6.28E-17	Upper
275-02	1.044	0.186	0.94	133	1991	6.25	6.55E-80	Lower
275-02	1.734	-0.658	0.90	136	1991	27.46	4.02E-70	Middle
275-02	1.754	-1.042	0.90	139	1991	29.00	4.99E-71	Upper
276-05	1.667	-1.513	0.73	47	1978	45.91	2.42E-14	Middle
276-05	1.587	-1.606	0.70	53	1978	51.16	4.25E-15	Upper
277-01	1.421	-0.435	0.86	113	1986	31.96	3.75E-49	Lower
277-01	1.815	-1.039	1.00	117	1986	1.65	1.97E-134	Middle
277-01	1.614	-1.267	0.96	119	1988	9.71	1.33E-86	Upper
277-02	0.730	0.423	0.89	39	1957	1.23	3.24E-19	Lower
277-02	0.757	0.226	0.89	40	1957	1.34	1.16E-19	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
277-02	0.952	-0.073	0.54	42	1957	15.22	2.68E-08	Upper
277-03	1.598	-1.333	0.80	126	1973	98.84	1.15E-44	Lower
277-03	1.643	-1.600	0.90	125	1973	47.86	4.22E-62	Middle
277-03	1.499	-1.724	0.88	132	1973	49.15	3.70E-61	Upper
278-01	1.435	-0.547	0.86	91	1986	22.18	2.29E-40	Lower
278-01	1.689	-1.158	0.99	92	1986	2.83	4.66E-84	Middle
278-01	1.505	-1.358	0.92	97	1986	14.67	1.95E-53	Upper
278-02	0.454	0.493	0.61	119	1990	12.85	1.93E-25	Lower
278-02	1.542	-0.943	0.71	125	1990	96.66	3.24E-35	Upper
278-03	0.563	0.641	0.69	101	1963	11.89	6.11E-27	Lower
278-03	1.139	-0.153	0.58	102	1963	81.34	1.36E-20	Middle
278-03	1.541	-0.953	0.76	108	1963	65.29	5.83E-35	Upper
279-01	1.167	-0.125	0.78	71	1973	20.21	1.52E-24	Lower
279-01	1.786	-1.018	0.98	69	1973	3.42	3.19E-58	Middle
279-01	1.579	-1.242	0.96	75	1973	6.11	5.27E-52	Upper
279-04	0.589	0.343	0.83	187	1994	12.75	2.62E-72	Lower
279-04	1.152	-0.389	0.69	187	1994	104.32	7.72E-49	Middle
279-04	1.522	-1.115	0.84	198	1976	78.41	3.47E-81	Upper
280-01	0.914	0.247	0.92	62	1985	3.63	1.91E-34	Lower
280-01	0.933	-0.177	0.61	63	1985	27.18	3.15E-14	Middle
280-01	1.727	-1.370	0.78	68	1985	45.34	3.16E-23	Upper
280-02	0.556	0.318	0.81	191	1992	10.95	1.64E-69	Lower
280-02	1.165	-0.327	0.61	190	1992	129.83	6.46E-40	Middle
280-02	1.603	-0.934	0.80	196	1992	95.43	1.69E-70	Upper
280-03	0.678	0.473	0.87	111	1992	6.41	1.80E-49	Lower
280-03	1.664	-0.603	0.86	116	1988	41.54	4.83E-50	Middle
280-03	1.730	-0.883	0.89	123	1992	34.85	2.13E-60	Upper
284-01	0.788	-0.017	0.89	90	1984	6.94	1.13E-43	Lower
284-01	0.749	-0.148	0.92	88	1984	4.30	1.60E-48	Middle
284-01	1.125	-0.952	0.78	95	1984	32.86	1.61E-32	Upper
284-02	1.741	-1.224	0.83	95	1981	65.46	5.67E-37	Lower
284-02	1.740	-1.469	0.88	92	1981	43.28	2.05E-42	Middle
284-02	1.670	-1.565	0.87	100	1981	45.37	7.95E-45	Upper
284-30	0.926	0.051	0.88	32	1988	3.00	1.62E-15	Lower
284-30	1.230	-0.463	0.77	28	1988	10.47	8.43E-10	Middle
284-30	1.652	-1.138	0.90	37	1988	8.73	2.17E-19	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
293-01	1.747	-0.666	0.87	109	1986	40.70	1.87E-48	Lower
293-01	1.580	-1.562	0.65	111	1986	119.67	2.89E-26	Middle
293-01	1.415	-1.708	0.64	115	1986	103.98	1.58E-26	Upper
293-02	1.060	-0.174	0.82	185	1955	53.83	4.73E-69	Lower
293-02	1.568	-1.492	0.81	185	1955	123.44	3.32E-67	Middle
293-02	1.404	-1.914	0.76	191	1955	138.97	1.03E-59	Upper
293-03	1.642	-1.229	0.99	33	1955	0.56	3.63E-37	Lower
293-03	1.563	-1.316	0.99	38	1955	0.66	6.24E-42	Middle
293-03	1.436	-1.450	0.95	38	1955	4.57	9.11E-26	Upper
297-01	0.926	0.140	0.94	63	1980	3.43	6.48E-39	Lower
297-01	0.872	-0.051	0.91	64	1980	5.22	1.79E-33	Middle
297-01	1.330	-1.060	0.75	71	1980	40.79	2.87E-22	Upper
297-03	1.633	-1.393	0.84	21	1958	14.20	7.08E-09	Lower
297-03	1.590	-1.573	0.83	22	1958	14.04	4.52E-09	Middle
297-03	1.428	-1.645	0.84	27	1958	12.97	1.69E-11	Upper
307-02	1.798	-0.939	0.96	90	1991	10.52	2.59E-61	Lower
307-02	1.692	-1.175	0.95	92	1991	9.93	5.15E-62	Middle
307-02	1.486	-1.360	0.93	96	1991	11.88	1.16E-56	Upper
313-01	0.997	0.089	0.97	89	1987	1.68	9.39E-71	Lower
313-01	0.903	-0.032	0.97	90	1987	1.83	3.73E-67	Middle
313-01	1.585	-1.266	0.93	95	1987	12.46	6.54E-56	Upper
313-02	1.666	-1.127	0.98	115	1985	6.17	6.41E-99	Lower
313-02	1.536	-1.341	0.99	115	1985	2.77	6.88E-115	Middle
313-02	1.376	-1.525	0.97	121	1985	7.69	6.66E-90	Upper
317-01	0.976	0.591	0.96	83	1979	1.67	4.04E-58	Lower
317-01	0.961	0.371	0.94	85	1995	2.71	2.00E-51	Middle
317-01	0.923	0.150	0.77	88	1995	12.02	1.51E-29	Upper
319-01	1.135	-0.307	0.88	88	1976	15.98	7.82E-41	Lower
319-01	1.626	-1.244	0.99	86	1976	1.44	1.26E-94	Middle
319-01	1.431	-1.450	0.95	93	1976	9.42	4.04E-62	Upper
319-30	1.429	-1.280	0.96	55	1963	5.71	8.43E-38	Lower
319-30	1.380	-1.516	0.99	54	1963	1.29	2.19E-53	Middle
319-30	1.190	-1.729	0.92	61	1963	8.46	7.52E-34	Upper
328-03	1.557	-1.323	0.99	48	1956	1.60	6.74E-45	Lower
328-03	1.457	-1.432	0.99	49	1956	1.06	1.32E-49	Middle
328-03	1.279	-1.628	0.93	54	1956	6.72	6.69E-32	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
330-01	0.679	0.618	0.81	143	1981	14.53	4.41E-52	Lower
330-01	0.905	0.220	0.83	144	1981	21.05	2.23E-57	Middle
330-01	1.305	-0.495	0.70	151	1981	98.77	8.43E-41	Upper
332-03	1.552	-1.258	0.98	131	1956	7.45	1.92E-114	Lower
332-03	1.511	-1.368	0.99	131	1956	2.74	1.08E-140	Middle
332-03	1.379	-1.503	0.95	137	1956	16.69	4.24E-91	Upper
334-02	1.316	-0.759	0.81	124	1955	65.14	6.26E-46	Lower
334-02	1.549	-1.708	0.82	123	1955	84.65	5.86E-47	Middle
334-02	1.486	-1.775	0.82	132	1955	84.94	1.56E-49	Upper
344-01	1.712	-1.148	0.84	143	1983	80.45	6.54E-59	Lower
344-01	1.722	-1.424	0.88	143	1983	56.53	4.60E-68	Middle
344-01	1.540	-1.580	0.86	152	1983	60.25	7.83E-66	Upper
353-01	1.158	-0.286	0.86	75	1963	22.20	2.78E-33	Lower
353-01	1.680	-1.487	0.87	76	1963	42.39	6.60E-35	Middle
353-01	1.579	-1.700	0.84	80	1963	51.23	4.05E-33	Upper
353-02	0.998	0.074	0.76	140	1975	40.56	5.61E-45	Lower
353-02	1.733	-0.971	0.94	139	1975	27.11	9.10E-84	Middle
353-02	1.484	-1.301	0.85	154	1991	54.81	6.58E-65	Upper
353-03	1.581	-1.159	0.75	90	1978	86.07	3.10E-28	Lower
353-03	1.650	-1.547	0.84	94	1978	54.20	1.56E-38	Middle
353-03	1.507	-1.667	0.84	98	1978	48.89	1.75E-39	Upper
355-01	0.981	0.302	0.99	102	1981	0.89	2.70E-97	Lower
355-01	0.995	0.099	0.99	105	1975	1.09	3.71E-97	Middle
355-01	1.611	-0.863	0.91	114	1989	22.12	2.94E-59	Upper
361-03	0.703	0.372	0.73	66	1980	10.71	4.35E-20	Lower
361-03	0.783	-0.015	0.78	63	1980	10.16	1.13E-21	Middle
361-03	1.070	-0.663	0.55	72	1980	62.15	1.34E-13	Upper
361-04	0.846	0.004	0.92	186	1981	11.11	6.87E-101	Lower
361-04	0.786	-0.147	0.86	190	1963	16.85	1.22E-83	Middle
361-04	0.686	-0.363	0.60	202	1981	54.44	3.98E-42	Upper
366-01	1.496	-1.180	0.54	145	1978	208.53	9.29E-26	Lower
366-01	1.578	-1.694	0.66	141	1993	137.23	3.48E-34	Middle
366-01	1.337	-1.913	0.65	153	1993	109.30	4.56E-36	Upper
366-02	1.483	-0.586	0.85	8	1963	3.54	1.14E-03	Lower
366-02	1.648	-1.331	0.79	8	1963	6.32	3.27E-03	Middle
366-02	1.549	-1.627	0.79	14	1963	8.95	1.92E-05	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
377-01	1.611	-0.634	0.82	61	1965	28.35	1.05E-23	Lower
377-01	1.768	-1.077	0.99	59	1965	1.72	3.73E-57	Middle
377-01	1.457	-1.409	0.98	65	1965	2.19	6.29E-56	Upper
377-02	1.607	-1.271	0.82	222	1965	165.21	8.57E-85	Lower
377-02	1.647	-1.602	0.90	226	1965	91.07	4.73E-114	Middle
377-02	1.509	-1.717	0.89	232	1965	86.70	3.79E-112	Upper
380-01	1.754	-1.099	0.99	66	1985	1.64	3.37E-65	Lower
380-01	1.645	-1.233	0.98	65	1985	2.78	5.19E-56	Middle
380-01	1.450	-1.439	0.94	72	1985	7.71	7.20E-44	Upper
380-02	0.883	0.293	0.89	217	1992	17.75	7.98E-106	Lower
380-02	1.639	-0.867	0.77	216	1992	151.76	4.56E-70	Middle
380-02	1.510	-1.520	0.69	225	1951	203.87	5.50E-58	Upper
380-03	0.643	0.373	0.75	13	1994	1.27	1.43E-04	Lower
380-03	0.755	0.095	0.88	8	1994	0.43	5.50E-04	Middle
380-03	1.361	-0.948	0.68	22	1987	12.20	2.51E-06	Upper
384-01	1.509	-0.327	0.76	248	1984	139.81	4.95E-78	Lower
384-01	1.918	-1.270	0.81	249	1984	169.48	3.36E-90	Middle
384-01	1.683	-1.480	0.79	255	1984	145.33	6.98E-89	Upper
384-02	0.651	0.516	0.76	312	1984	31.19	3.21E-99	Lower
384-02	1.477	-0.491	0.68	313	1984	250.86	5.16E-78	Middle
384-02	1.684	-1.560	0.78	320	1988	198.74	7.92E-106	Upper
385-03	0.949	-0.105	0.67	139	1975	61.60	1.64E-34	Lower
385-03	1.398	-1.321	0.57	140	1975	203.84	5.16E-27	Middle
385-03	1.557	-1.682	0.75	145	1975	116.85	1.71E-44	Upper
385-04	0.595	1.021	0.85	42	1974	1.46	2.49E-18	Lower
385-04	0.496	0.869	0.78	43	1974	1.64	5.49E-15	Middle
385-04	0.446	0.635	0.59	47	1974	3.77	3.34E-10	Upper
385-05	0.799	0.119	0.87	41	1992	2.75	9.45E-19	Lower
385-05	1.219	-0.509	0.78	40	1992	12.93	6.94E-14	Middle
385-05	1.571	-1.187	0.94	47	1992	4.72	9.98E-30	Upper
388-02	0.929	0.068	0.94	85	1983	3.41	1.80E-53	Lower
388-02	0.862	-0.039	0.90	81	1983	5.00	1.44E-41	Middle
388-02	0.727	-0.165	0.65	91	1983	19.81	4.10E-22	Upper
388-03	1.287	-0.586	0.87	138	1985	28.31	1.57E-62	Lower
388-03	1.596	-1.246	0.98	131	1976	4.53	3.78E-119	Middle
388-03	1.464	-1.369	0.94	149	1976	16.19	1.42E-92	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
389-02	0.926	0.364	0.98	22	1987	0.21	1.50E-19	Lower
389-02	0.860	0.255	0.95	22	1987	0.61	1.84E-14	Middle
389-02	0.878	-0.011	0.78	28	1987	4.18	3.94E-10	Upper
389-03	0.963	-0.059	0.90	81	1989	5.81	1.05E-40	Lower
389-03	1.712	-1.095	0.98	79	1989	3.40	1.24E-65	Middle
389-03	1.544	-1.272	0.92	87	1989	11.76	7.97E-49	Upper
390-02	1.462	-0.524	0.58	55	1987	79.44	1.95E-11	Middle
390-02	1.957	-1.286	0.83	62	1987	42.05	7.20E-25	Upper
390-03	0.916	0.307	0.98	45	1987	0.49	4.63E-39	Lower
390-03	0.960	0.074	0.94	42	1987	1.79	1.88E-25	Middle
390-03	0.870	-0.012	0.84	51	1987	4.97	2.16E-21	Upper
391-01	0.964	0.175	0.94	63	1993	2.44	2.03E-38	Lower
391-01	0.819	-0.071	0.92	67	1993	2.28	3.66E-38	Middle
391-01	1.339	-1.011	0.75	69	1993	25.86	1.11E-21	Upper
391-02	0.981	0.123	0.95	13	1982	0.56	2.34E-08	Lower
391-02	1.967	-0.867	0.98	15	1982	0.63	5.00E-13	Middle
391-02	1.883	-0.987	0.98	17	1982	0.79	1.03E-14	Upper
392-01	0.903	0.044	0.95	208	1989	8.49	5.64E-134	Lower
392-01	1.368	-0.840	0.89	200	1978	43.70	1.40E-97	Middle
392-01	1.490	-1.275	0.93	224	1959	32.42	1.59E-130	Upper
392-03	1.262	-0.306	0.88	18	1981	2.98	8.16E-09	Lower
392-03	1.770	-1.090	0.99	23	1981	0.51	4.25E-23	Middle
392-03	1.707	-1.153	0.99	24	1981	0.69	2.13E-22	Upper
393-01	0.959	0.052	0.99	99	1981	1.18	5.35E-91	Lower
393-01	1.572	-1.012	0.95	101	1981	11.18	2.10E-67	Middle
393-01	1.511	-1.375	0.97	104	1981	5.74	4.51E-82	Upper
393-02	1.173	0.015	0.85	50	1991	8.85	2.04E-21	Lower
393-02	1.863	-0.971	0.99	48	1991	0.78	5.02E-52	Middle
393-02	1.641	-1.245	0.97	55	1991	3.42	1.17E-41	Upper
393-03	0.801	0.856	0.92	99	1995	3.89	2.21E-55	Lower
393-03	0.817	0.711	0.90	99	1995	5.01	6.53E-51	Middle
393-03	0.906	0.381	0.83	106	1995	12.57	5.66E-42	Upper
395-01	0.844	0.028	0.87	105	1981	9.34	1.08E-47	Lower
395-01	0.776	-0.116	0.85	107	1981	9.86	2.33E-44	Middle
395-01	0.878	-0.640	0.61	111	1981	47.14	9.95E-24	Upper
395-02	0.966	0.049	0.99	24	1976	0.22	6.57E-23	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
395-02	0.914	-0.006	0.99	28	1976	0.24	9.74E-27	Middle
395-02	0.876	-0.046	0.98	30	1976	0.34	3.31E-26	Upper
395-03	0.940	0.016	0.98	18	1976	0.25	2.59E-15	Lower
395-03	0.876	-0.049	0.99	15	1976	0.15	1.09E-13	Middle
395-03	1.413	-0.964	0.91	24	1976	4.15	8.40E-13	Upper
395-04	1.008	0.097	0.99	18	1976	0.17	4.86E-17	Lower
395-04	0.942	0.022	0.99	17	1976	0.09	1.08E-17	Middle
395-04	0.828	-0.086	0.89	24	1976	1.74	6.04E-12	Upper
397-03	1.034	0.311	0.98	11	1982	0.22	2.87E-09	Lower
397-03	1.794	-0.671	0.91	14	1982	4.96	1.65E-07	Middle
397-03	1.676	-0.962	0.89	18	1982	6.10	6.28E-09	Upper
397-05	1.566	-0.707	0.88	34	1986	10.22	1.75E-16	Lower
397-05	1.716	-1.148	0.97	36	1986	3.15	1.96E-27	Middle
397-05	1.553	-1.325	0.92	38	1986	7.79	6.69E-21	Upper
400-30	1.034	0.339	0.98	84	1989	1.01	9.15E-74	Lower
400-30	1.067	0.159	0.99	82	1989	0.84	4.57E-76	Middle
400-30	1.108	-0.179	0.83	90	1989	14.14	9.90E-36	Upper
401-02	0.591	0.262	0.58	38	1992	7.38	3.01E-08	Lower
401-02	0.623	-0.124	0.64	37	1992	6.09	2.77E-09	Middle
412-02	0.938	0.365	0.94	28	1993	0.92	2.96E-17	Lower
412-02	0.953	0.115	0.91	28	1993	1.43	5.34E-15	Middle
412-02	1.264	-0.439	0.70	34	1993	12.94	6.31E-10	Upper
414-02	0.973	0.621	0.99	144	1991	1.21	2.07E-131	Lower
414-02	1.021	0.427	0.99	142	1991	0.46	3.68E-161	Middle
414-02	0.988	0.253	0.96	150	1991	3.92	2.25E-102	Upper
414-03	1.019	0.344	0.66	90	1991	31.30	1.78E-22	Lower
414-03	2.020	-1.139	0.75	97	2001	85.30	1.98E-30	Upper
426-01	0.806	0.259	0.79	26	2002	1.72	1.39E-09	Lower
426-02	0.637	0.629	0.61	13	2002	1.39	1.69E-03	Lower
428-01	0.586	0.511	0.68	273	1997	36.01	1.05E-68	Lower
428-01	0.673	0.161	0.65	270	1997	52.91	8.87E-64	Middle
428-01	0.827	-0.318	0.54	289	1997	131.10	6.29E-51	Upper
432-01	1.712	-0.657	0.75	131	2003	87.54	1.24E-40	Lower
432-01	1.446	-1.697	0.60	131	2003	127.88	2.68E-27	Middle
432-01	1.267	-1.886	0.57	139	2000	115.23	6.34E-27	Upper
830-08	1.367	-0.828	0.56	73	1988	87.49	3.02E-14	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
830-08	1.719	-1.476	0.81	80	1988	44.68	2.03E-29	Upper
831-07	0.984	0.059	0.99	43	1978	0.50	4.94E-41	Lower
831-07	0.909	-0.023	0.98	40	1978	0.59	1.42E-34	Middle
831-07	1.027	-0.495	0.77	48	1978	14.71	2.22E-16	Upper
831-19	0.820	0.211	0.86	5	1978	0.49	2.23E-02	Lower
831-19	0.846	-0.072	0.88	8	1978	0.82	5.57E-04	Middle
831-19	1.538	-1.312	0.90	10	1978	2.30	2.39E-05	Upper
832-12	0.825	0.327	0.72	15	1993	2.60	6.21E-05	Lower
832-12	0.802	0.180	0.66	17	1993	2.93	8.03E-05	Middle
832-12	1.555	-0.865	0.67	21	1993	15.41	5.52E-06	Upper
832-13	0.715	0.267	0.81	16	1963	1.30	1.76E-06	Lower
832-13	0.685	-0.001	0.79	12	1963	1.04	1.05E-04	Middle
832-13	1.341	-1.041	0.77	20	1963	7.34	3.69E-07	Upper
832-14	0.923	0.192	0.93	11	1981	0.73	1.44E-06	Lower
832-14	1.298	-0.403	0.80	10	1981	4.83	4.89E-04	Middle
832-14	1.810	-0.997	0.96	15	1981	2.11	1.73E-10	Upper
832-29	0.973	0.393	0.99	103	1988	1.01	1.30E-95	Lower
832-29	1.031	0.140	0.99	102	1988	0.97	2.76E-97	Middle
832-29	1.220	-0.318	0.83	108	1988	24.68	3.56E-42	Upper
834-07	0.927	0.390	0.85	191	1986	24.14	3.59E-80	Lower
834-07	1.595	-0.929	0.72	196	1976	163.00	2.30E-55	Middle
834-07	1.495	-1.517	0.81	200	1976	89.16	2.74E-73	Upper
837-06	1.071	-0.117	0.83	26	1983	8.17	1.37E-10	Lower
837-06	1.744	-1.111	1.00	25	1974	0.44	1.13E-28	Middle
837-06	1.691	-1.176	0.99	32	1974	1.27	4.95E-31	Upper
837-15	1.599	-1.370	0.88	106	1950	57.14	1.24E-49	Lower
837-15	1.582	-1.574	0.92	107	1950	35.62	4.52E-59	Middle
837-15	1.473	-1.659	0.92	115	1959	32.71	8.34E-64	Upper
839-15	1.237	-0.353	0.84	25	1979	6.50	9.01E-11	Lower
839-15	1.710	-1.161	1.00	23	1979	0.17	9.58E-28	Middle
839-15	1.617	-1.106	0.93	34	1979	5.84	1.11E-19	Upper
839-16	1.318	-0.618	0.87	105	1981	22.29	1.64E-47	Lower
839-16	1.610	-1.251	0.98	103	1981	3.78	1.54E-91	Middle
839-16	1.463	-1.406	0.93	111	1981	14.39	3.83E-65	Upper
839-17	1.507	-1.352	0.95	20	1959	2.94	1.69E-13	Lower
839-17	1.459	-1.409	0.95	20	1959	3.19	2.22E-13	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
839-17	1.338	-1.521	0.86	27	1959	9.56	2.68E-12	Upper
840-35	1.217	-0.318	0.77	74	1986	36.37	2.33E-24	Lower
840-35	1.710	-1.155	0.99	72	1979	1.76	1.04E-75	Middle
840-35	1.528	-1.357	0.98	80	1979	3.13	2.05E-72	Upper
840-36	0.874	-0.019	0.94	8	1984	0.38	7.57E-05	Lower
840-36	0.778	-0.146	0.97	6	1984	0.11	2.58E-04	Middle
840-36	1.505	-1.329	0.93	12	1984	1.87	3.58E-07	Upper
840-43	1.476	-1.397	0.98	41	1951	2.62	2.77E-33	Lower
840-43	1.404	-1.471	0.96	40	1951	3.35	8.36E-29	Middle
840-43	1.241	-1.644	0.92	47	1951	7.81	6.41E-26	Upper
843-02	1.057	0.133	0.99	12	1982	0.08	8.27E-12	Lower
843-02	0.997	0.064	0.99	11	1982	0.10	4.59E-10	Middle
843-02	1.191	-0.391	0.86	18	1982	3.06	2.54E-08	Upper
845-02	1.610	-1.142	0.97	86	1979	7.02	1.12E-64	Lower
845-02	1.525	-1.343	0.99	88	1974	2.51	2.14E-82	Middle
845-02	1.325	-1.562	0.94	95	1979	9.93	1.51E-58	Upper
847-02	0.934	0.248	0.91	64	1980	5.16	4.01E-34	Lower
847-02	0.934	0.018	0.95	62	1980	2.51	1.73E-41	Middle
847-02	1.461	-0.755	0.83	72	1982	28.86	1.41E-28	Upper
849-21	1.659	-1.216	0.99	6	1971	0.08	9.94E-06	Lower
849-21	1.591	-1.296	0.99	5	1971	0.18	6.77E-04	Middle
849-21	1.444	-1.440	0.91	11	1971	2.17	5.06E-06	Upper
849-23	0.984	0.391	0.99	55	1984	0.31	5.24E-58	Lower
849-23	0.967	0.081	0.97	59	1984	1.14	5.29E-47	Middle
849-23	0.754	-0.150	0.73	61	1984	9.64	1.25E-18	Upper
849-26	0.712	0.961	0.90	5	1986	0.17	1.45E-02	Lower
849-26	0.728	0.907	0.91	9	1986	0.30	7.97E-05	Middle
849-26	0.721	0.781	0.91	10	1986	0.30	1.90E-05	Upper
849-35	1.411	-0.474	0.88	71	1986	13.70	3.21E-33	Lower
849-35	1.710	-1.138	0.99	72	1986	1.53	5.95E-72	Middle
849-35	1.554	-1.308	0.95	77	1986	7.14	8.14E-50	Upper
849-44	0.850	0.198	0.75	18	1987	2.89	3.27E-06	Lower
849-44	0.831	-0.024	0.78	21	1987	3.00	1.25E-07	Middle
849-44	0.597	-0.260	0.51	24	1987	5.46	8.40E-05	Upper
852-26	0.614	0.517	0.79	13	1963	1.27	4.48E-05	Lower
852-26	0.702	0.303	0.80	13	1963	1.62	3.81E-05	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-26	1.544	-0.812	0.79	19	1963	11.21	3.18E-07	Upper
852-27	0.716	0.423	0.88	10	1995	0.49	6.25E-05	Lower
852-27	0.631	0.280	0.84	7	1995	0.39	3.54E-03	Middle
852-27	0.564	0.076	0.62	15	1995	1.92	4.65E-04	Upper
853-27	1.420	-0.791	0.91	158	1977	27.09	6.69E-83	Lower
853-27	1.592	-1.265	0.98	161	1977	6.48	3.35E-140	Middle
853-27	1.473	-1.388	0.94	164	1977	18.68	1.03E-101	Upper
853-33	1.310	-0.692	0.59	13	1982	15.85	2.05E-03	Lower
853-33	1.828	-1.319	0.91	9	1982	3.35	6.41E-05	Middle
853-33	1.662	-1.613	0.83	19	1982	10.73	6.71E-08	Upper
855-08	0.946	0.020	1.00	6	1979	0.01	8.32E-07	Middle
855-08	1.694	-1.388	0.83	9	1979	5.43	6.22E-04	Upper
857-22	0.815	-0.063	0.95	29	1992	0.76	3.47E-19	Lower
857-22	0.794	-0.331	0.76	29	1992	4.34	8.47E-10	Middle
857-22	1.445	-1.291	0.90	34	1992	5.77	1.01E-17	Upper
859-09	0.881	0.103	0.79	179	1993	32.07	1.17E-62	Lower
859-09	1.769	-1.013	0.90	182	1993	58.09	1.14E-90	Middle
859-09	1.561	-1.327	0.80	188	1981	98.21	1.27E-67	Upper
859-10	0.615	0.158	0.70	55	1951	11.54	2.01E-15	Lower
859-10	1.201	-0.859	0.74	56	1951	35.41	1.56E-17	Middle
859-10	1.268	-1.316	0.82	60	1951	26.27	1.46E-23	Upper
859-18	0.635	0.487	0.76	142	1981	15.87	2.47E-45	Lower
859-18	1.401	-0.392	0.71	146	1981	103.60	2.70E-40	Middle
859-18	1.630	-1.265	0.74	148	1981	119.38	7.46E-45	Upper
860-08	1.228	-0.490	0.85	136	1987	35.07	2.27E-57	Lower
860-08	1.560	-1.258	0.97	143	1973	10.31	3.24E-108	Middle
860-08	1.384	-1.446	0.92	152	1973	22.44	1.08E-85	Upper
861-01	0.954	0.027	0.98	33	1979	0.40	1.11E-29	Lower
861-01	1.273	-0.608	0.84	33	1979	8.61	6.66E-14	Middle
861-01	1.585	-1.253	0.91	39	1979	7.83	2.99E-21	Upper
861-02	1.227	-0.201	0.82	28	1986	7.15	2.51E-11	Lower
861-02	1.822	-1.238	0.81	28	1986	18.47	9.03E-11	Middle
861-02	1.689	-1.509	0.74	34	1986	25.69	5.82E-11	Upper
861-03	1.513	-1.368	0.99	36	1964	0.53	1.34E-38	Lower
861-03	1.467	-1.415	0.99	38	1964	0.98	1.33E-36	Middle
861-03	1.349	-1.536	0.93	42	1964	5.39	5.95E-25	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
862-20	0.452	0.564	0.60	151	1962	21.35	8.09E-32	Lower
862-20	1.280	-0.720	0.64	150	1962	152.04	1.37E-34	Middle
862-20	1.295	-1.271	0.63	160	1962	164.90	1.07E-35	Upper
862-22	1.646	-1.229	1.00	3	1986	0.00	1.19E-02	Lower
862-22	1.524	-1.355	1.00	4	1986	0.00	2.84E-04	Middle
862-22	1.319	-1.547	0.94	9	1986	0.80	1.31E-05	Upper
863-02	0.896	0.068	0.87	100	1986	11.58	8.35E-45	Lower
863-02	1.185	-0.537	0.74	100	1986	47.24	1.63E-30	Middle
863-02	1.522	-1.292	0.89	106	1986	29.20	4.13E-51	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-05	0.915	0.003	0.94	116	1986	5.07	1.50E-72	Lower
004-05	1.559	-1.082	0.67	117	1986	118.16	2.07E-29	Middle
004-05	1.691	-1.501	0.81	122	1986	71.64	1.60E-44	Upper
005-05	1.780	-1.530	0.56	22	1980	22.91	5.70E-05	Middle
005-05	1.589	-1.688	0.52	26	1980	25.36	3.08E-05	Upper
005-06	1.799	-1.045	0.99	5	1977	0.11	3.82E-04	Lower
005-06	1.875	-0.977	1.00	3	1977	0.00	1.03E-16	Middle
005-06	1.741	-1.107	0.99	9	1978	0.14	1.13E-08	Upper
008-07	0.695	-0.244	0.59	58	1987	16.48	1.47E-12	Lower
008-07	1.070	-0.796	0.61	67	1987	40.58	8.38E-15	Upper
008-08	1.604	-1.444	0.82	184	1986	99.51	8.62E-70	Middle
008-08	1.550	-1.523	0.81	198	1986	105.81	2.75E-72	Upper
008-09	1.617	-1.456	0.75	300	1988	259.41	5.31E-91	Middle
008-09	1.606	-1.589	0.80	317	1966	208.13	1.59E-110	Upper
009-01	1.966	-0.414	0.72	18	1972	18.10	7.86E-06	Middle
009-01	1.272	-1.352	0.69	32	1994	27.74	3.94E-09	Upper
009-02	0.760	-0.138	0.93	249	1989	10.87	1.30E-144	Lower
009-02	1.541	-1.054	0.91	247	1989	55.47	2.39E-132	Middle
009-02	1.549	-1.234	0.95	259	1969	33.85	6.42E-167	Upper
009-03	0.757	-0.159	0.90	213	1985	16.08	7.64E-106	Lower
009-03	1.102	-0.762	0.79	212	1974	78.31	1.16E-73	Middle
009-03	1.416	-1.423	0.93	223	1974	36.62	8.38E-131	Upper
009-04	1.706	-1.098	0.98	90	1992	2.86	7.40E-81	Lower
009-04	1.666	-1.145	0.98	91	1992	2.83	8.58E-82	Middle
009-04	1.602	-1.210	0.98	95	1992	3.56	1.45E-79	Upper
009-05	1.627	-1.543	0.72	89	1988	82.25	9.60E-26	Lower
009-05	1.567	-1.615	0.71	90	1988	80.01	1.29E-25	Middle
009-05	1.517	-1.672	0.71	93	1988	78.60	4.38E-26	Upper
010-01	1.473	-0.886	0.88	204	1989	60.76	3.03E-94	Lower
010-01	1.631	-1.224	0.99	202	1989	2.75	2.48E-230	Middle
010-01	1.551	-1.306	0.99	212	1974	5.36	3.61E-209	Upper
010-06	1.643	-1.645	0.64	61	1989	55.44	1.39E-14	Lower
010-06	1.636	-1.704	0.69	63	1982	46.99	6.09E-17	Middle
010-06	1.663	-1.707	0.72	71	1982	48.18	7.63E-21	Upper
012-10	1.779	-1.021	0.97	68	1970	4.46	1.34E-51	Lower
012-10	1.673	-1.147	0.98	68	1990	2.89	6.63E-56	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-10	1.508	-1.322	0.97	75	1990	3.33	5.96E-58	Upper
012-11	1.709	-1.651	0.72	8	1994	5.22	7.72E-03	Upper
013-01	1.338	-1.556	0.99	10	1978	0.16	1.37E-08	Lower
013-01	1.292	-1.600	0.96	22	1971	0.90	4.24E-15	Upper
015-01	1.442	-1.225	0.94	49	1977	8.28	9.11E-30	Lower
015-01	1.457	-1.334	0.97	48	1977	4.15	6.69E-36	Middle
015-01	1.345	-1.397	0.93	64	1981	9.08	3.94E-38	Upper
019-30	1.554	-1.313	0.97	6	1979	0.51	2.87E-04	Lower
019-30	1.550	-1.320	0.98	5	1979	0.35	1.32E-03	Middle
019-30	1.457	-1.417	0.96	9	1979	0.91	2.83E-06	Upper
019-31	1.549	-1.308	0.98	62	1984	3.76	2.83E-51	Lower
019-31	1.461	-1.410	0.98	61	1984	2.40	7.77E-55	Middle
019-31	1.359	-1.519	0.99	67	1984	1.99	1.51E-61	Upper
021-02	1.403	-1.480	0.63	138	1983	134.86	1.75E-31	Middle
021-02	1.366	-1.805	0.67	147	1983	115.85	4.15E-37	Upper
021-05	1.624	-1.407	0.86	19	1986	8.90	1.43E-08	Lower
021-05	1.564	-1.369	0.93	22	1986	4.11	2.67E-13	Middle
021-05	1.522	-1.576	0.81	32	1986	15.23	2.31E-12	Upper
025-08	0.763	-0.015	0.98	4	1987	0.05	1.24E-02	Lower
025-08	0.741	-0.149	0.97	5	1987	0.05	1.85E-03	Middle
025-08	1.720	-1.295	0.83	10	1987	4.82	2.44E-04	Upper
026-09	1.626	-1.188	0.98	83	1991	3.86	8.61E-69	Lower
026-09	1.569	-1.234	0.97	84	1991	4.50	2.22E-65	Middle
026-09	1.503	-1.308	0.97	91	1991	4.47	1.93E-71	Upper
027-01	1.637	-1.554	0.86	277	1978	133.98	2.37E-121	Lower
027-01	1.614	-1.624	0.87	279	1978	121.68	5.40E-126	Middle
027-01	1.535	-1.689	0.87	283	1978	116.70	1.80E-125	Upper
027-02	0.715	-0.081	0.82	218	1988	17.71	3.55E-83	Lower
027-02	0.669	-0.211	0.79	222	1988	18.75	1.44E-77	Middle
027-02	0.594	-0.337	0.70	227	1983	24.70	2.26E-61	Upper
027-03	1.581	-1.579	0.85	199	1982	93.79	4.86E-84	Middle
027-03	1.495	-1.645	0.84	217	1969	96.85	6.75E-89	Upper
027-05	1.631	-1.069	0.63	47	1981	42.21	2.69E-11	Lower
027-05	1.856	-1.523	0.77	48	1981	29.32	2.63E-16	Middle
027-05	1.703	-1.589	0.77	55	1981	29.49	1.59E-18	Upper
028-04	0.913	0.185	0.96	336	1984	9.30	1.90E-237	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
028-04	0.934	0.009	0.97	335	1984	6.33	3.27E-266	Middle
028-04	1.062	-0.277	0.78	345	1988	90.36	2.43E-114	Upper
028-05	0.882	-0.189	0.73	190	1978	65.26	1.05E-55	Lower
028-05	1.341	-0.948	0.78	193	1975	116.70	8.05E-65	Middle
028-05	1.470	-1.503	0.91	202	1978	47.96	5.46E-109	Upper
029-02	1.647	-1.200	0.99	118	1991	2.12	2.09E-123	Lower
029-02	1.570	-1.280	0.99	118	1991	2.18	2.82E-120	Middle
029-02	1.484	-1.366	0.99	123	1991	3.22	2.56E-113	Upper
029-03	1.017	-0.239	0.81	85	1973	21.42	3.14E-31	Lower
029-03	1.729	-1.078	0.98	84	1973	4.89	2.43E-72	Middle
029-03	1.606	-1.206	0.97	94	1973	6.65	1.73E-74	Upper
029-05	1.473	-1.526	0.94	72	1971	13.59	3.80E-44	Lower
029-05	1.379	-1.613	0.93	73	1971	13.84	2.02E-42	Middle
029-05	1.301	-1.696	0.92	82	1974	15.23	1.28E-45	Upper
029-06	1.555	-1.682	0.85	149	1971	74.62	1.97E-61	Lower
029-06	1.482	-1.736	0.84	147	1971	67.76	1.65E-60	Middle
029-06	1.363	-1.842	0.84	155	1971	62.58	1.00E-62	Upper
030-01	1.779	-1.629	0.71	294	1978	212.49	1.12E-80	Lower
030-01	1.679	-1.705	0.71	299	1993	195.29	2.76E-81	Middle
030-01	1.598	-1.748	0.70	303	1993	183.30	1.53E-81	Upper
030-02	1.433	-1.087	0.55	18	1993	16.34	3.95E-04	Lower
030-02	1.744	-1.584	0.68	20	1993	14.77	7.50E-06	Middle
030-02	1.665	-1.666	0.67	24	1993	17.64	9.04E-07	Upper
030-04	1.244	-0.749	0.83	202	1981	65.49	8.19E-78	Lower
030-04	1.545	-1.300	0.96	204	1981	18.66	7.10E-147	Middle
030-04	1.434	-1.418	0.95	217	1985	21.03	3.02E-145	Upper
031-01	0.898	-0.340	0.55	173	1958	98.10	2.63E-31	Lower
031-01	1.617	-1.548	0.73	176	1958	143.71	2.03E-51	Middle
031-01	1.540	-1.610	0.74	185	1985	135.43	5.47E-55	Upper
031-02	0.884	0.060	0.94	348	1983	15.77	9.74E-214	Lower
031-02	1.260	-0.659	0.70	346	1983	211.06	1.88E-92	Middle
031-02	1.561	-1.593	0.75	356	1983	261.73	4.19E-109	Upper
031-04	1.641	-1.228	1.00	43	1957	0.16	5.60E-61	Lower
031-04	1.618	-1.253	1.00	44	1974	0.30	1.24E-56	Middle
031-04	1.611	-1.261	1.00	48	1974	0.39	3.75E-61	Upper
031-05	0.549	0.107	0.73	93	1978	6.23	1.11E-27	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-05	0.579	-0.086	0.75	91	1978	5.93	7.54E-29	Middle
031-05	0.534	-0.266	0.69	98	1978	7.50	2.75E-26	Upper
031-06	0.850	-0.157	0.74	231	1991	50.04	6.03E-69	Lower
031-06	1.525	-1.632	0.67	229	1991	223.19	1.35E-56	Middle
031-06	1.474	-1.668	0.69	243	1988	208.54	8.84E-63	Upper
031-07	1.625	-1.612	0.75	52	1980	46.90	7.06E-17	Upper
031-08	0.392	0.382	0.51	163	1979	14.22	1.42E-26	Lower
031-08	0.476	0.121	0.68	163	1979	10.05	5.68E-42	Middle
031-09	0.653	0.324	0.72	196	1990	23.63	8.34E-55	Lower
031-09	0.626	0.230	0.67	201	1990	27.03	3.48E-50	Middle
031-09	0.866	-0.179	0.63	206	1990	64.13	1.41E-45	Upper
032-01	0.765	0.032	0.95	10	1976	0.27	1.75E-06	Lower
032-01	1.297	-0.721	0.77	10	1976	4.21	8.51E-04	Middle
032-01	1.547	-1.182	0.81	16	1976	8.12	2.45E-06	Upper
032-02	0.695	0.262	0.93	49	1976	1.57	8.03E-29	Lower
032-02	1.299	-0.389	0.76	48	1976	23.43	1.16E-15	Middle
032-02	1.662	-0.918	0.87	55	1976	18.88	1.38E-25	Upper
032-04	1.612	-1.181	0.89	141	1988	47.78	4.47E-68	Lower
032-04	1.537	-1.317	0.90	141	1987	39.40	6.66E-71	Middle
032-04	1.438	-1.455	0.90	154	1987	37.65	1.44E-76	Upper
033-01	1.080	-0.581	0.67	134	1978	82.38	6.52E-34	Lower
033-01	1.577	-1.237	0.92	130	1985	32.27	6.43E-71	Middle
033-01	1.448	-1.378	0.89	149	1983	43.43	1.05E-71	Upper
033-02	1.633	-1.453	0.82	107	1982	60.14	2.14E-41	Lower
033-02	1.560	-1.577	0.83	109	1982	52.28	1.98E-43	Middle
033-02	1.493	-1.642	0.83	113	1982	50.84	1.87E-44	Upper
033-03	0.808	-0.300	0.68	115	1984	37.43	2.16E-29	Lower
033-03	0.766	-0.329	0.64	116	1979	40.62	6.32E-27	Middle
033-03	1.172	-1.062	0.72	126	1979	66.98	3.27E-36	Upper
033-04	1.075	-0.972	0.59	140	1983	125.15	2.14E-28	Middle
033-04	1.511	-1.576	0.87	149	1979	53.35	7.32E-68	Upper
034-05	0.537	0.153	0.63	24	1993	3.21	4.27E-06	Lower
034-05	1.518	-1.126	0.89	18	1974	4.49	5.36E-09	Middle
034-05	1.386	-1.275	0.78	37	1985	13.61	3.30E-13	Upper
034-06	1.610	-1.094	0.82	21	1975	10.41	1.66E-08	Lower
034-06	1.695	-1.154	0.99	18	1975	0.42	1.48E-17	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
034-06	1.647	-1.305	0.84	30	1975	11.88	7.87E-13	Upper
035-01	0.677	-0.232	0.85	95	1980	6.83	2.94E-40	Lower
035-01	0.929	-0.731	0.73	92	1980	26.21	3.50E-27	Middle
035-01	1.358	-1.495	0.95	101	1980	8.31	3.13E-67	Upper
035-02	0.719	-0.133	0.84	44	1987	3.69	3.79E-18	Lower
035-02	1.404	-1.053	0.86	44	1987	12.36	1.13E-19	Middle
035-02	1.459	-1.350	0.93	50	1987	6.11	4.94E-30	Upper
035-03	1.096	-0.565	0.76	201	1984	94.27	4.53E-64	Lower
035-03	1.571	-1.300	0.99	201	1991	8.89	4.97E-186	Middle
035-03	1.517	-1.349	0.97	214	1975	15.61	1.18E-171	Upper
035-04	1.509	-1.844	0.64	135	1993	121.11	1.34E-31	Middle
035-04	1.486	-1.853	0.64	145	1993	122.09	1.15E-33	Upper
036-01	1.661	-1.202	0.81	18	1995	6.95	3.11E-07	Lower
036-01	1.624	-1.741	0.65	18	1995	15.88	5.80E-05	Middle
036-01	1.563	-1.778	0.64	23	1995	18.77	4.08E-06	Upper
036-04	1.402	-0.942	0.52	195	1993	256.08	1.32E-32	Lower
036-04	1.531	-1.670	0.67	194	1993	164.61	1.53E-47	Middle
036-04	1.485	-1.712	0.68	205	1993	152.24	2.94E-52	Upper
036-05	0.649	0.184	0.83	151	1980	12.79	8.08E-59	Lower
036-05	0.706	-0.067	0.73	151	1980	26.53	1.63E-44	Middle
036-05	1.180	-0.975	0.59	163	1980	151.38	1.45E-32	Upper
036-06	1.378	-1.056	0.63	129	1974	170.47	5.08E-29	Lower
036-06	1.668	-1.576	0.87	129	1974	63.53	6.05E-58	Middle
036-06	1.628	-1.623	0.86	135	1974	66.10	3.70E-59	Upper
037-01	1.619	-1.448	0.79	218	1985	125.46	8.45E-76	Upper
038-01	1.505	-1.511	0.89	74	1972	27.11	1.21E-36	Lower
038-01	1.494	-1.578	0.90	71	1972	22.77	1.08E-36	Middle
038-01	1.477	-1.604	0.90	78	1972	26.33	3.75E-39	Upper
038-02	1.574	-1.598	0.82	103	1976	61.05	3.87E-39	Lower
038-02	1.547	-1.694	0.82	102	1976	54.57	1.59E-39	Middle
038-02	1.503	-1.726	0.83	107	1976	52.04	1.11E-42	Upper
038-04	0.808	-0.125	0.98	114	1981	2.42	1.26E-91	Lower
038-04	1.336	-0.877	0.82	116	1981	59.07	1.14E-43	Middle
038-04	1.583	-1.286	0.97	118	1981	9.82	3.90E-94	Upper
039-04	1.724	-1.484	0.68	101	1972	84.75	1.47E-26	Middle
039-04	1.637	-1.574	0.70	111	1976	78.52	1.66E-30	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
040-01	1.519	-1.341	0.98	191	1978	7.08	1.12E-170	Lower
040-01	1.460	-1.401	0.98	189	1973	9.82	1.16E-152	Middle
040-01	1.366	-1.508	0.97	202	1976	9.63	8.65E-160	Upper
040-02	1.554	-1.162	0.76	86	1977	55.15	4.14E-28	Lower
040-02	1.417	-1.708	0.67	83	1977	69.64	2.54E-21	Middle
040-02	1.381	-1.759	0.68	92	1977	72.30	6.94E-24	Upper
040-03	0.683	-0.242	0.90	155	1980	6.80	5.84E-80	Lower
040-03	1.332	-1.214	0.90	154	1980	27.04	9.66E-79	Middle
040-03	1.379	-1.486	0.96	161	1980	9.99	3.47E-117	Upper
040-04	1.717	-1.305	0.78	123	1989	87.65	1.77E-41	Lower
040-04	1.643	-1.365	0.79	124	1989	74.47	1.46E-43	Middle
040-04	1.564	-1.460	0.78	129	1989	77.45	5.73E-43	Upper
040-32	0.908	-0.017	0.99	6	1985	0.04	2.06E-05	Lower
040-32	1.107	-0.467	0.77	7	1985	2.83	9.13E-03	Middle
040-32	1.612	-1.211	0.96	11	1985	1.26	2.11E-07	Upper
041-01	0.640	-0.107	0.75	112	1983	14.29	1.53E-34	Lower
041-01	0.625	-0.282	0.75	114	1982	13.54	2.19E-35	Middle
041-01	0.601	-0.376	0.64	123	1983	22.43	2.31E-28	Upper
041-03	0.583	-0.114	0.85	11	1989	0.57	4.80E-05	Lower
041-03	0.719	-0.156	0.86	9	1989	0.71	3.16E-04	Middle
041-03	1.518	-0.999	0.85	17	1989	5.82	1.63E-07	Upper
041-04	0.702	-0.045	0.84	71	1989	5.55	3.86E-29	Lower
041-04	0.713	-0.127	0.84	76	1989	6.18	7.21E-31	Middle
041-05	1.115	-0.766	0.58	208	1979	173.48	2.17E-40	Middle
041-05	1.529	-1.604	0.75	218	1989	150.50	1.36E-67	Upper
042-03	0.693	-0.219	0.87	164	1981	10.89	3.07E-74	Lower
042-03	0.667	-0.355	0.74	165	1981	23.36	6.91E-50	Middle
042-03	1.365	-1.483	0.94	170	1981	19.81	5.01E-103	Upper
042-04	0.718	-0.176	0.87	81	1985	4.39	3.13E-37	Lower
042-04	0.662	-0.234	0.82	77	1985	5.42	2.36E-29	Middle
042-04	0.611	-0.287	0.75	87	1985	8.04	5.23E-27	Upper
043-02	1.448	-1.447	0.62	191	1987	198.07	5.09E-42	Lower
043-02	1.540	-1.709	0.76	191	1987	119.75	6.88E-60	Middle
043-02	1.473	-1.771	0.75	199	1987	116.61	2.35E-61	Upper
043-03	0.825	-0.203	0.61	93	1987	31.22	3.13E-20	Lower
043-03	1.714	-1.458	0.73	99	1987	80.40	1.78E-29	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
043-05	0.678	-0.271	0.98	4	1995	0.03	7.95E-03	Middle
043-05	1.671	-1.271	0.68	10	1995	6.92	3.15E-03	Upper
043-06	1.711	-1.457	0.72	286	1988	223.09	1.94E-81	Upper
045-30	1.439	-1.783	0.75	70	1976	54.53	3.86E-22	Lower
045-30	1.415	-1.811	0.75	71	1976	53.04	1.21E-22	Middle
045-30	1.311	-1.900	0.75	75	1976	49.81	2.10E-23	Upper
046-04	1.224	-1.679	1.00	26	1967	0.00	6.41E-54	Lower
046-04	1.213	-1.691	1.00	25	1979	0.00		Middle
046-04	1.231	-1.671	1.00	30	1981	0.05	1.15E-41	Upper
046-05	1.622	-1.002	0.86	35	1981	13.58	6.78E-16	Lower
046-05	1.605	-1.266	1.00	36	1981	0.26	2.42E-44	Middle
046-05	1.444	-1.434	0.97	40	1967	2.89	8.99E-31	Upper
046-06	1.035	-2.140	0.56	178	1972	125.08	2.32E-33	Lower
046-06	0.904	-2.253	0.57	180	1972	94.40	1.95E-34	Middle
046-06	0.861	-2.286	0.57	181	1972	85.93	1.18E-34	Upper
047-01	1.123	-0.316	0.70	233	1974	85.18	5.98E-63	Lower
047-01	1.740	-1.082	0.85	239	1992	87.21	3.05E-99	Middle
047-01	1.691	-1.296	0.83	247	1992	98.34	2.07E-96	Upper
047-02	0.942	0.137	0.96	144	1991	4.08	6.80E-101	Lower
047-02	1.336	-0.285	0.77	145	1991	58.25	1.01E-47	Middle
047-02	1.818	-0.964	0.96	155	1991	14.92	1.37E-112	Upper
047-03	1.398	-1.491	1.00	56	1976	0.03	1.44E-101	Lower
047-03	1.367	-1.525	1.00	54	1988	0.00	1.75E-117	Middle
047-03	1.334	-1.560	1.00	60	1988	0.06	3.44E-100	Upper
048-02	0.787	-0.170	0.86	119	1977	14.40	5.38E-51	Lower
048-02	1.592	-1.535	0.90	117	1977	38.64	1.56E-59	Middle
048-02	1.485	-1.643	0.89	129	1977	40.93	5.81E-62	Upper
048-03	0.700	-0.222	0.85	96	1983	9.23	2.26E-40	Lower
048-03	0.911	-0.662	0.65	100	1983	49.16	9.09E-24	Middle
048-03	1.439	-1.439	0.93	103	1983	16.69	8.46E-61	Upper
050-07	0.921	0.318	0.98	8	1995	0.06	1.09E-06	Lower
050-07	0.831	0.236	0.96	9	1995	0.14	3.09E-06	Middle
050-07	0.685	0.040	0.82	12	1995	0.73	4.71E-05	Upper
051-03	0.945	-0.014	0.80	130	1995	16.35	1.07E-46	Lower
051-08	1.083	-0.514	0.80	155	1988	39.69	2.93E-55	Lower
051-08	1.571	-1.270	0.97	155	1988	9.93	9.60E-120	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
051-08	1.459	-1.387	0.97	166	1988	9.64	2.46E-125	Upper
052-05	0.630	0.432	0.87	98	1972	3.21	1.42E-43	Lower
052-05	0.635	0.329	0.87	98	1972	3.21	5.71E-44	Middle
052-06	1.508	-0.248	0.71	18	1975	9.18	1.04E-05	Lower
052-06	1.520	-1.432	0.60	19	1975	17.22	1.05E-04	Middle
052-07	0.730	-0.166	0.81	165	1982	18.27	4.86E-60	Lower
052-07	0.661	-0.247	0.82	164	1982	13.95	1.27E-61	Middle
052-07	0.688	-0.437	0.66	170	1982	36.48	7.83E-41	Upper
052-08	0.912	-0.627	0.51	249	1975	208.77	4.97E-40	Lower
052-08	1.553	-1.438	0.85	250	1975	112.97	1.05E-103	Middle
052-08	1.501	-1.484	0.85	260	1978	108.62	1.58E-107	Upper
052-30	0.814	-0.023	0.93	175	1972	5.25	1.27E-103	Lower
052-30	1.255	-0.565	0.79	184	1993	46.45	9.11E-64	Middle
052-30	1.594	-1.015	0.90	189	1991	31.63	3.17E-97	Upper
053-01	1.410	-1.241	0.93	78	1989	13.93	3.75E-45	Lower
053-01	1.427	-1.411	0.96	77	1974	6.92	3.23E-55	Middle
053-01	1.332	-1.509	0.95	94	1983	8.79	1.91E-62	Upper
053-02	0.818	-0.200	0.83	115	1980	19.19	1.81E-45	Lower
053-02	1.499	-1.364	0.97	116	1980	8.91	1.07E-90	Middle
053-02	1.398	-1.469	0.97	127	1979	7.87	8.80E-101	Upper
053-03	1.164	-0.785	0.81	219	1980	75.14	7.64E-80	Lower
053-03	1.457	-1.381	0.94	221	1981	29.53	1.79E-138	Middle
053-03	1.338	-1.513	0.95	233	1974	23.08	1.25E-151	Upper
053-04	0.609	-0.001	0.82	244	1990	18.44	1.10E-92	Lower
053-04	1.368	-0.914	0.82	245	1990	93.09	2.30E-93	Middle
053-04	1.490	-1.325	0.89	257	1974	66.40	1.75E-123	Upper
053-05	0.987	-0.633	0.54	21	1993	13.36	1.40E-04	Middle
053-05	1.589	-1.574	0.67	29	1993	22.61	4.84E-08	Upper
053-08	0.603	0.150	0.82	196	1990	10.58	1.50E-73	Lower
053-08	0.735	-0.049	0.85	190	1990	12.08	2.51E-79	Middle
053-08	0.935	-0.369	0.62	209	1990	77.11	4.43E-45	Upper
054-01	1.827	-1.305	0.66	119	1990	137.60	3.29E-29	Upper
054-03	1.664	-1.683	0.75	9	1994	5.18	2.55E-03	Upper
055-01	1.493	-1.381	0.98	17	1960	1.46	1.04E-13	Lower
055-01	1.399	-1.485	0.98	16	1960	1.04	2.15E-13	Middle
055-01	1.232	-1.668	0.99	21	1960	0.43	3.64E-21	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
055-02	1.380	-1.241	0.91	38	1960	8.26	1.37E-20	Lower
055-02	1.406	-1.457	0.92	37	1960	8.04	1.83E-20	Middle
055-02	1.350	-1.514	0.89	44	1960	11.91	1.88E-21	Upper
055-03	0.734	-0.199	0.91	78	1960	5.32	2.81E-42	Lower
055-03	0.758	-0.360	0.80	79	1960	15.64	1.16E-28	Middle
055-03	1.320	-1.562	0.94	83	1960	12.50	4.57E-51	Upper
056-04	1.435	-0.729	0.84	80	1995	29.47	2.95E-32	Lower
056-04	1.694	-1.357	0.81	78	1995	44.84	2.17E-29	Middle
056-04	1.581	-1.552	0.78	90	1982	54.39	5.41E-31	Upper
056-05	0.644	0.211	0.60	111	1990	21.08	1.09E-23	Lower
056-05	0.595	0.082	0.56	107	1990	20.49	1.44E-20	Middle
056-05	1.267	-0.736	0.69	117	1990	59.42	8.07E-31	Upper
056-07	1.412	-1.469	0.97	67	1952	6.63	5.59E-53	Lower
056-07	1.375	-1.508	0.97	64	1952	6.30	5.45E-50	Middle
056-07	1.267	-1.619	0.96	77	1952	8.88	2.27E-54	Upper
056-30	0.695	0.182	0.77	136	1990	12.22	7.59E-45	Lower
056-30	0.647	0.124	0.71	135	1990	14.99	1.26E-37	Middle
056-30	0.726	-0.182	0.54	142	1990	40.78	4.19E-25	Upper
056-31	0.811	-0.050	0.79	71	1986	9.10	4.81E-25	Lower
056-31	0.749	-0.108	0.76	73	1986	9.41	1.52E-23	Middle
056-31	0.794	-0.332	0.63	77	1986	20.89	8.83E-18	Upper
057-03	1.562	-1.516	0.83	323	1983	178.25	6.53E-127	Lower
057-03	1.567	-1.654	0.87	325	1983	133.80	1.11E-145	Middle
057-03	1.485	-1.724	0.86	333	1976	130.01	1.96E-145	Upper
057-04	1.618	-1.226	0.99	46	1990	1.60	6.05E-43	Lower
057-04	1.509	-1.340	0.98	46	1990	1.97	1.19E-39	Middle
057-04	1.418	-1.430	0.98	52	1990	2.19	2.68E-43	Upper
057-05	1.635	-1.608	0.77	187	1981	173.09	6.30E-61	Middle
057-05	1.552	-1.686	0.77	193	1972	164.34	3.79E-62	Upper
057-06	1.158	-2.136	0.50	118	1995	109.51	2.20E-19	Middle
057-06	1.184	-2.114	0.52	122	1995	110.64	5.41E-21	Upper
057-07	1.591	-1.221	0.92	169	1983	30.12	1.06E-93	Lower
057-07	1.517	-1.318	0.95	167	1983	16.31	5.74E-110	Middle
057-07	1.440	-1.405	0.96	178	1981	11.16	1.25E-128	Upper
057-08	0.621	0.336	0.80	51	1995	3.13	1.12E-18	Lower
057-08	0.681	0.156	0.82	53	1995	3.58	2.15E-20	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
057-08	0.709	-0.108	0.65	56	1995	9.39	5.34E-14	Upper
058-01	1.667	-1.127	0.97	220	1991	12.48	4.24E-164	Lower
058-01	1.577	-1.234	0.97	219	1991	9.36	2.15E-172	Middle
058-01	1.479	-1.352	0.98	225	1991	6.74	7.59E-187	Upper
058-02	0.942	0.083	0.98	179	1986	2.49	1.28E-153	Lower
058-02	1.152	-0.204	0.78	178	1986	51.21	1.32E-60	Middle
058-02	1.886	-0.891	0.97	184	1986	13.86	3.62E-146	Upper
058-03	0.895	0.101	0.96	146	1975	4.16	9.20E-104	Lower
058-03	1.534	-0.659	0.84	145	1975	58.56	3.26E-58	Middle
058-03	1.620	-1.257	0.85	152	1975	64.29	6.36E-63	Upper
058-04	1.634	-1.393	0.79	117	1975	90.80	1.68E-40	Lower
058-04	1.625	-1.568	0.83	121	1975	72.06	3.09E-47	Middle
058-04	1.502	-1.681	0.82	123	1975	66.26	1.02E-46	Upper
058-05	1.601	-1.213	0.97	98	1976	8.06	2.36E-78	Lower
058-05	1.621	-1.249	1.00	101	1976	0.35	3.80E-149	Middle
058-05	1.502	-1.376	0.99	104	1973	2.38	4.39E-109	Upper
059-02	1.686	-1.607	0.71	358	1987	303.73	4.98E-97	Middle
059-02	1.563	-1.705	0.71	365	1987	268.97	7.80E-99	Upper
059-03	1.554	-0.591	0.84	101	1982	54.33	1.54E-40	Lower
059-03	1.834	-1.011	1.00	99	1982	0.71	4.12E-134	Middle
059-03	1.712	-1.136	0.99	106	1982	2.99	1.61E-109	Upper
059-04	0.967	0.049	0.99	193	1990	1.84	2.73E-181	Lower
059-04	1.811	-0.680	0.91	194	1990	49.32	6.00E-101	Middle
059-04	1.868	-0.963	0.99	197	1990	6.82	4.13E-186	Upper
060-01	1.192	-1.713	1.00	7	1994	0.04	5.18E-07	Middle
060-01	1.155	-1.618	0.73	17	1957	4.58	1.17E-05	Upper
060-02	1.472	-1.406	1.00	10	1981	0.09	1.24E-10	Lower
060-02	1.406	-1.487	1.00	11	1986	0.04	5.59E-13	Middle
060-02	1.331	-1.556	0.99	16	1986	0.16	1.45E-16	Upper
060-04	1.329	-0.993	0.85	137	1990	39.34	1.87E-57	Lower
060-04	1.512	-1.351	0.99	137	1990	4.09	1.12E-127	Middle
060-04	1.448	-1.403	0.97	143	1990	8.31	1.23E-109	Upper
061-01	1.523	-1.147	0.67	58	1989	54.35	3.01E-15	Middle
061-01	1.610	-1.426	0.78	68	1989	41.56	1.27E-23	Upper
061-04	1.343	-1.551	1.00	105	1945	0.06	1.95E-194	Lower
061-04	1.300	-1.597	1.00	105	1942	0.13	4.31E-177	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
061-04	1.189	-1.717	0.99	110	1942	1.52	1.50E-124	Upper
061-05	1.530	-1.385	0.97	107	1993	9.31	6.63E-79	Lower
061-05	1.463	-1.473	0.95	110	1991	12.32	4.68E-73	Middle
061-05	1.420	-1.511	0.95	115	1991	12.54	3.14E-75	Upper
061-06	0.498	0.133	0.70	187	1992	12.67	2.98E-50	Lower
061-06	0.559	-0.036	0.63	188	1992	21.15	3.08E-42	Middle
061-06	0.655	-0.292	0.55	196	1989	43.28	1.78E-35	Upper
061-08	2.078	-1.250	0.70	85	1994	84.29	1.44E-23	Lower
061-08	1.996	-1.348	0.72	81	1994	70.25	2.22E-23	Middle
061-08	1.859	-1.463	0.73	91	1994	63.33	5.57E-27	Upper
063-05	0.710	-0.151	0.83	59	1990	4.05	1.57E-23	Lower
063-05	0.633	-0.235	0.83	60	1990	3.46	9.45E-24	Middle
063-05	0.551	-0.324	0.79	65	1990	3.46	6.00E-23	Upper
063-07	1.398	-1.687	0.54	173	1993	207.30	6.79E-31	Lower
063-07	1.445	-1.921	0.63	177	1993	157.54	1.17E-39	Middle
063-07	1.415	-1.941	0.63	179	1993	151.52	3.20E-40	Upper
064-30	1.634	-1.725	0.65	50	1993	46.50	1.46E-12	Lower
064-30	1.547	-1.801	0.64	51	1993	45.03	1.42E-12	Middle
064-30	1.535	-1.802	0.66	56	1993	43.89	3.41E-14	Upper
065-06	1.677	-1.179	1.00	42	1992	0.33	2.28E-51	Lower
065-06	1.566	-1.294	0.99	45	1992	0.62	8.74E-49	Middle
065-06	1.467	-1.397	0.99	47	1992	0.68	7.12E-49	Upper
066-06	1.318	-0.721	0.53	252	1990	233.67	1.96E-43	Middle
066-06	1.747	-1.311	0.79	263	1994	127.22	4.09E-91	Upper
066-07	0.683	-0.257	0.99	6	1995	0.02	7.89E-05	Lower
066-07	1.582	-1.148	0.94	8	1995	0.52	5.95E-05	Middle
066-07	1.533	-1.275	0.68	14	1995	7.27	2.58E-04	Upper
068-04	1.623	-1.754	0.76	139	1994	79.51	6.43E-44	Upper
070-05	1.386	-1.604	0.59	123	1991	101.97	1.74E-25	Lower
070-05	1.418	-1.717	0.69	126	1991	70.86	1.14E-33	Middle
070-05	1.406	-1.727	0.70	128	1991	69.17	4.85E-35	Upper
070-06	1.009	-0.502	0.73	86	1991	27.54	6.88E-26	Lower
070-06	1.575	-1.247	0.97	84	1991	5.83	8.34E-64	Middle
070-06	1.485	-1.328	0.96	93	1991	7.24	2.67E-65	Upper
071-03	0.693	-0.276	0.72	44	1990	7.35	2.55E-13	Lower
071-03	1.519	-1.268	0.93	46	1990	6.22	1.10E-27	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
071-03	1.462	-1.361	0.96	50	1990	3.67	7.11E-36	Upper
073-01	1.925	-1.431	0.76	149	1994	98.20	4.22E-47	Lower
073-01	1.853	-1.493	0.76	152	1994	93.30	4.41E-48	Middle
073-01	1.747	-1.576	0.76	155	1994	84.05	6.02E-49	Upper
073-02	1.385	-0.932	0.54	105	1994	94.71	6.10E-19	Middle
073-02	1.769	-1.544	0.74	113	1994	68.75	1.98E-34	Upper
073-03	1.825	-1.513	0.65	164	1993	172.46	2.25E-38	Lower
073-03	1.734	-1.583	0.65	166	1993	156.86	9.54E-39	Middle
073-03	1.619	-1.677	0.64	170	1993	141.93	1.77E-39	Upper
077-02	1.733	-1.098	0.99	64	1990	1.49	1.02E-63	Lower
077-02	1.679	-1.171	1.00	64	1990	0.48	1.00E-78	Middle
077-02	1.586	-1.276	0.99	69	1990	1.26	1.25E-69	Upper
080-01	0.698	-0.110	0.84	8	1993	0.48	1.31E-03	Lower
080-01	1.620	-1.691	0.62	14	1993	13.65	7.69E-04	Upper
080-02	1.872	-1.608	0.73	104	1993	75.03	7.77E-31	Lower
080-02	1.781	-1.681	0.74	102	1993	62.60	8.96E-31	Middle
080-02	1.646	-1.763	0.72	110	1993	63.43	5.47E-32	Upper
082-03	1.840	-1.291	0.76	78	1991	54.16	5.97E-25	Upper
083-06	1.014	0.081	0.99	6	1989	0.04	4.52E-05	Lower
083-06	0.857	-0.078	0.96	8	1989	0.18	2.26E-05	Middle
087-02	0.616	0.020	0.82	99	1991	6.57	6.26E-38	Lower
087-02	1.273	-0.797	0.76	96	1991	39.03	5.53E-31	Middle
087-02	1.531	-1.245	0.93	105	1991	15.08	1.33E-60	Upper
088-03	0.665	0.141	0.77	16	1991	1.33	8.79E-06	Lower
088-03	0.627	0.060	0.80	16	1991	1.23	3.44E-06	Middle
088-03	0.822	-0.385	0.59	22	1991	6.19	2.71E-05	Upper
089-05	1.619	-1.526	0.63	10	1990	10.08	6.03E-03	Lower
089-05	1.500	-1.849	0.57	10	1990	11.29	1.12E-02	Middle
089-05	1.527	-1.816	0.60	15	1990	15.02	6.87E-04	Upper
090-05	1.190	-0.985	0.79	26	1991	10.44	1.74E-09	Lower
090-05	1.474	-1.375	0.97	25	1991	1.77	4.80E-19	Middle
090-05	1.444	-1.393	0.97	32	1991	2.18	7.89E-24	Upper
092-03	0.767	-0.144	0.87	95	1977	8.92	1.78E-43	Lower
092-03	1.349	-1.091	0.87	96	1977	29.62	1.09E-42	Middle
092-03	1.453	-1.390	0.93	101	1977	18.61	1.19E-57	Upper
097-01	1.769	-1.446	0.81	46	1990	28.20	1.18E-17	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
097-01	1.701	-1.474	0.83	45	1990	23.93	4.76E-18	Middle
097-01	1.602	-1.602	0.81	51	1990	26.64	3.78E-19	Upper
106-03	1.747	-1.681	0.77	51	1994	32.30	3.04E-17	Lower
106-03	1.636	-1.781	0.76	50	1994	29.94	1.63E-16	Middle
106-03	1.630	-1.757	0.77	57	1994	31.20	4.65E-19	Upper
110-02	0.761	-0.150	0.90	15	1989	0.79	5.78E-08	Lower
110-02	0.691	-0.191	0.78	16	1989	1.44	6.40E-06	Middle
110-02	1.591	-1.232	0.96	20	1989	1.70	4.88E-14	Upper
112-02	1.286	-1.461	0.94	71	1980	9.27	2.56E-44	Lower
112-02	1.280	-1.610	0.96	71	1957	6.03	6.47E-51	Middle
112-02	1.183	-1.639	0.93	81	1957	10.23	1.95E-47	Upper
112-03	0.759	-0.117	0.85	170	1988	13.33	1.50E-70	Lower
112-03	0.670	-0.199	0.74	168	1988	20.04	6.87E-51	Middle
112-03	0.829	-0.526	0.61	181	1989	57.92	7.62E-39	Upper
112-04	1.557	-1.299	0.97	48	1977	4.10	4.22E-37	Lower
112-04	1.500	-1.362	0.97	48	1977	4.35	3.51E-36	Middle
112-04	1.356	-1.520	0.97	54	1977	3.30	4.11E-42	Upper
112-05	1.372	-1.511	0.95	11	1946	1.53	2.45E-07	Lower
112-05	1.350	-1.540	0.98	13	1946	0.70	5.52E-11	Middle
112-05	1.251	-1.641	0.96	16	1946	1.70	7.18E-11	Upper
112-06	0.679	-0.234	0.87	97	1985	5.92	1.12E-44	Lower
112-06	1.214	-1.001	0.80	100	1985	34.03	3.47E-36	Middle
112-06	1.412	-1.431	0.95	103	1985	10.08	3.66E-67	Upper
112-07	0.864	-0.063	0.93	32	1986	1.75	5.38E-19	Lower
112-07	1.578	-0.766	0.82	32	1986	17.25	7.25E-13	Middle
112-07	1.706	-1.154	0.98	35	1986	2.51	2.11E-28	Upper
113-03	0.703	-0.210	0.86	152	1977	11.75	7.56E-66	Lower
113-03	0.981	-0.728	0.75	155	1981	46.83	1.39E-48	Middle
113-03	1.379	-1.470	0.94	163	1977	18.89	1.60E-99	Upper
114-01	0.683	-0.254	0.88	192	1981	15.30	8.44E-89	Lower
114-01	1.301	-1.294	0.90	195	1963	46.67	4.57E-97	Middle
114-01	1.314	-1.538	0.94	203	1963	24.97	7.40E-128	Upper
114-02	0.588	0.110	0.75	204	1991	14.42	4.21E-63	Lower
114-02	1.536	-1.338	0.67	214	1995	154.43	1.92E-52	Upper
114-03	0.601	0.005	0.82	203	1995	10.90	6.71E-77	Lower
114-03	0.794	-0.370	0.65	201	1995	45.81	1.01E-47	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
114-03	1.586	-1.531	0.71	213	1995	143.28	2.66E-59	Upper
117-01	0.947	-0.454	0.55	153	1986	100.67	4.22E-28	Lower
117-01	1.653	-1.417	0.87	151	1986	56.59	1.34E-67	Middle
117-01	1.537	-1.539	0.87	162	1986	48.57	3.95E-74	Upper
117-02	0.781	-0.105	0.88	118	1987	8.76	3.11E-54	Lower
117-02	1.319	-0.868	0.81	124	1987	42.76	2.16E-46	Middle
117-02	1.478	-1.317	0.94	129	1987	16.38	9.56E-78	Upper
117-03	1.485	-1.369	0.97	58	1983	4.38	4.90E-43	Lower
117-03	1.412	-1.453	0.97	59	1983	3.33	1.92E-46	Middle
117-03	1.330	-1.542	0.98	64	1983	2.34	7.55E-54	Upper
122-03	0.740	-0.173	0.91	111	1982	4.93	1.08E-59	Lower
122-03	0.689	-0.218	0.86	110	1982	7.34	3.58E-47	Middle
122-03	0.990	-0.762	0.74	117	1982	33.35	6.52E-36	Upper
122-30	0.724	-0.188	0.90	95	1979	5.22	5.21E-48	Lower
122-30	0.685	-0.286	0.71	95	1979	16.04	6.01E-27	Middle
122-30	0.866	-0.738	0.66	105	1981	35.59	3.43E-26	Upper
123-04	1.004	-0.546	0.70	162	1976	74.13	4.35E-44	Lower
123-04	1.515	-1.388	0.92	162	1978	36.28	1.83E-88	Middle
123-04	1.412	-1.489	0.90	176	1976	39.67	1.47E-89	Upper
124-01	0.719	-0.198	0.89	120	1980	8.50	6.72E-59	Lower
124-01	1.495	-1.352	0.95	116	1980	14.27	6.37E-78	Middle
124-01	1.400	-1.457	0.95	126	1980	13.45	1.45E-84	Upper
124-03	1.566	-1.602	0.75	193	1989	119.27	6.86E-60	Middle
124-03	1.509	-1.645	0.76	197	1989	111.06	1.12E-61	Upper
125-01	0.783	-0.102	0.93	278	1982	11.25	1.20E-159	Lower
125-01	1.175	-0.586	0.74	278	1982	114.49	1.43E-82	Middle
125-01	1.504	-1.611	0.73	284	1982	196.22	2.75E-83	Upper
125-02	1.508	-1.885	0.68	31	1975	21.53	1.25E-08	Lower
125-02	1.409	-1.957	0.66	33	1975	20.92	7.47E-09	Middle
125-02	1.477	-1.897	0.70	36	1975	22.25	2.50E-10	Upper
125-03	1.030	-0.747	0.60	22	1976	17.87	2.33E-05	Lower
125-03	1.598	-1.674	0.87	24	1976	9.39	2.37E-11	Middle
125-03	1.563	-1.664	0.89	30	1982	9.24	3.46E-15	Upper
125-04	0.693	-0.203	0.78	6	1978	0.66	1.93E-02	Lower
125-04	0.696	-0.209	0.80	11	1978	1.15	2.04E-04	Middle
125-04	1.008	-0.877	0.76	12	1978	3.20	2.37E-04	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
126-01	0.690	0.046	0.87	225	1991	13.00	2.43E-100	Lower
126-01	0.754	-0.129	0.85	223	1987	18.22	1.85E-92	Middle
126-01	1.262	-0.958	0.59	235	1987	202.26	1.44E-47	Upper
127-01	0.760	-0.014	0.52	112	1990	40.75	2.06E-19	Lower
127-01	1.784	-1.352	0.71	120	1990	106.97	2.92E-33	Upper
127-02	1.556	-1.456	0.69	180	1987	166.59	3.95E-47	Middle
127-02	1.603	-1.621	0.78	188	1987	117.34	2.08E-62	Upper
128-03	1.037	-2.096	0.50	36	1983	27.88	1.33E-06	Middle
128-05	0.716	-0.152	0.84	136	1989	10.52	6.65E-55	Lower
128-05	0.730	-0.322	0.69	138	1989	25.77	8.43E-37	Middle
128-05	1.460	-1.318	0.92	142	1989	21.09	8.25E-78	Upper
129-01	1.294	-1.638	0.85	119	1981	53.77	2.77E-50	Lower
129-01	1.275	-1.771	0.89	116	1953	37.54	1.35E-55	Middle
129-01	1.206	-1.860	0.89	131	1953	34.84	7.25E-64	Upper
129-02	1.136	-0.675	0.75	144	1988	65.90	6.61E-45	Lower
129-02	1.537	-1.308	0.96	146	1988	15.10	4.52E-103	Middle
129-02	1.440	-1.423	0.98	149	1988	6.61	1.92E-127	Upper
130-02	0.882	-0.282	0.72	93	1975	29.04	5.52E-27	Lower
130-02	1.510	-1.118	0.89	96	1975	29.37	3.07E-46	Middle
130-02	1.394	-1.706	0.74	99	1975	70.52	5.64E-30	Upper
131-01	0.555	-0.002	0.57	21	1986	3.75	8.28E-05	Lower
131-01	0.618	-0.170	0.67	19	1986	2.89	1.69E-05	Middle
131-01	0.921	-0.722	0.67	27	1986	8.22	1.52E-07	Upper
132-01	0.712	-0.090	0.67	36	1980	8.68	9.37E-10	Lower
132-01	1.095	-0.757	0.74	35	1980	14.86	3.83E-11	Middle
132-01	1.399	-1.447	0.94	42	1980	4.94	3.88E-26	Upper
132-02	1.640	-1.170	0.97	173	1988	12.58	4.58E-133	Lower
132-02	1.536	-1.271	0.96	176	1988	14.90	3.84E-124	Middle
132-02	1.444	-1.377	0.96	182	1992	13.42	3.88E-129	Upper
132-03	0.721	-0.483	0.72	123	1960	38.39	4.61E-35	Lower
132-03	1.248	-1.449	0.90	123	1960	31.14	1.31E-63	Middle
132-03	1.167	-1.647	0.87	128	1960	40.81	5.87E-57	Upper
133-01	1.213	-0.341	0.62	10	1966	5.77	6.69E-03	Lower
133-01	2.054	-0.784	1.00	7	1966	0.02	1.91E-08	Middle
133-01	1.807	-1.030	0.99	13	1966	0.44	1.91E-11	Upper
133-02	1.159	-0.704	0.61	190	1955	168.10	2.68E-40	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
133-02	1.530	-1.579	0.79	190	1955	120.13	6.83E-66	Middle
133-02	1.415	-1.678	0.78	202	1955	117.93	1.74E-67	Upper
133-03	0.850	-0.045	0.94	132	1988	5.46	2.38E-82	Lower
133-03	0.793	-0.110	0.90	133	1988	8.41	2.13E-68	Middle
133-03	1.431	-1.329	0.70	139	1988	114.92	3.32E-37	Upper
134-01	1.506	-1.275	0.97	104	1972	7.77	7.06E-80	Lower
134-01	1.430	-1.443	0.98	106	1977	3.97	3.58E-94	Middle
134-01	1.319	-1.560	0.97	115	1977	5.96	9.90E-90	Upper
135-01	0.784	-0.105	0.92	20	1987	0.85	3.82E-11	Lower
135-01	0.767	-0.127	0.90	22	1987	1.15	1.51E-11	Middle
135-01	1.394	-1.027	0.87	26	1987	5.59	3.85E-12	Upper
139-01	1.770	-1.406	0.71	111	1987	108.34	2.85E-31	Upper
139-02	1.750	-1.405	0.72	121	1987	111.12	1.25E-34	Upper
139-03	0.479	0.497	0.56	132	1994	12.72	1.16E-24	Lower
139-04	1.077	-0.180	0.84	127	1975	31.21	1.04E-51	Lower
139-04	1.765	-1.058	0.99	126	1975	3.67	3.78E-131	Middle
139-04	1.640	-1.182	0.97	134	1975	10.57	8.12E-107	Upper
139-05	1.798	-1.563	0.64	82	1993	89.63	1.25E-19	Lower
139-05	1.721	-1.626	0.64	85	1993	87.51	4.09E-20	Middle
139-05	1.620	-1.702	0.64	88	1993	78.01	6.41E-21	Upper
139-06	1.485	-1.610	0.92	145	1949	41.02	1.89E-80	Lower
139-06	1.437	-1.639	0.92	145	1964	41.56	1.65E-78	Middle
139-06	1.380	-1.705	0.90	156	1964	48.75	9.42E-79	Upper
139-07	1.389	-1.495	0.98	40	1964	2.02	2.56E-35	Lower
139-07	1.327	-1.560	0.97	41	1964	3.41	1.62E-31	Middle
139-07	1.234	-1.660	0.97	45	1964	3.65	4.16E-33	Upper
140-01	1.624	-1.095	0.95	81	1990	10.41	4.30E-52	Lower
140-01	1.601	-1.196	0.95	83	1990	8.67	1.52E-55	Middle
140-01	1.506	-1.303	0.95	87	1990	9.69	1.83E-55	Upper
140-02	1.599	-1.053	0.93	84	1990	14.30	6.02E-48	Lower
140-02	1.606	-1.189	0.95	82	1990	8.92	1.86E-54	Middle
140-02	1.431	-1.310	0.92	95	1990	13.91	7.85E-53	Upper
140-03	0.731	-0.191	0.93	182	1980	6.07	1.76E-105	Lower
140-03	0.664	-0.255	0.89	182	1980	8.64	7.85E-87	Middle
140-03	0.959	-0.833	0.74	188	1980	49.89	3.33E-56	Upper
141-01	1.654	-1.602	0.75	19	1978	18.51	1.53E-06	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
141-01	1.695	-1.517	0.80	18	1978	14.47	6.34E-07	Middle
141-01	1.591	-1.683	0.75	24	1978	20.84	3.97E-08	Upper
141-02	1.434	-0.535	0.83	92	1982	28.67	7.88E-36	Lower
141-02	1.828	-0.984	0.98	92	1982	3.58	4.04E-82	Middle
141-02	1.722	-1.096	0.98	96	1982	4.34	1.18E-80	Upper
141-03	1.225	-1.677	1.00	62	1982	0.64	6.89E-74	Lower
141-03	1.166	-1.740	0.99	61	1962	1.03	3.94E-65	Middle
141-03	1.148	-1.738	0.98	70	1962	2.93	4.97E-61	Upper
142-02	1.240	-1.038	0.59	108	1984	113.07	1.64E-22	Middle
142-02	1.639	-1.575	0.84	117	1984	58.67	1.02E-47	Upper
142-04	0.767	-0.103	0.85	10	1989	0.69	1.30E-04	Lower
142-04	0.751	-0.138	0.82	13	1989	1.21	2.38E-05	Middle
142-04	1.258	-0.928	0.82	15	1989	3.49	3.01E-06	Upper
143-06	0.793	0.172	0.61	70	1977	14.43	1.66E-15	Lower
143-06	0.911	-0.098	0.50	73	1977	31.52	1.90E-12	Middle
143-06	1.936	-0.772	0.79	78	1977	41.71	1.23E-27	Upper
144-01	0.729	0.193	0.93	207	1978	6.87	1.15E-118	Lower
144-01	1.374	-0.429	0.77	204	1978	93.34	4.03E-66	Middle
144-01	1.762	-0.947	0.89	212	1978	65.52	4.48E-102	Upper
144-02	1.595	-1.264	0.98	53	1991	3.19	1.47E-45	Lower
144-02	1.499	-1.371	0.98	54	1986	2.65	2.57E-47	Middle
144-02	1.396	-1.478	0.99	61	1986	2.00	7.82E-57	Upper
144-03	1.222	-0.184	0.72	67	1987	31.28	1.42E-19	Lower
144-03	1.717	-1.251	0.76	66	1987	47.31	1.29E-21	Middle
144-03	1.542	-1.570	0.76	74	1987	47.03	4.31E-24	Upper
144-04	0.790	-0.028	0.90	172	1986	9.25	7.49E-87	Lower
144-04	0.756	-0.124	0.86	171	1986	12.48	2.22E-74	Middle
144-04	0.842	-0.402	0.67	181	1986	49.14	1.55E-44	Upper
145-01	0.763	-0.145	0.92	113	1983	5.15	8.48E-63	Lower
145-01	0.957	-0.486	0.76	111	1983	29.36	1.24E-35	Middle
145-01	1.474	-1.364	0.95	119	1983	12.66	4.14E-77	Upper
145-02	1.517	-1.602	0.69	61	1976	64.52	8.87E-17	Lower
145-02	1.390	-1.828	0.70	62	1976	53.31	2.33E-17	Middle
145-02	1.350	-1.878	0.71	66	1976	52.49	7.30E-19	Upper
146-01	0.752	-0.154	0.88	115	1977	8.69	7.81E-55	Lower
146-01	1.183	-0.822	0.79	111	1980	43.21	7.07E-39	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
146-01	1.418	-1.378	0.92	129	1978	21.96	2.08E-71	Upper
147-01	0.614	0.317	0.66	109	1992	12.13	1.05E-26	Lower
147-01	0.545	0.258	0.58	114	1992	13.99	6.44E-23	Middle
147-02	0.917	0.005	0.99	54	1973	0.46	3.68E-53	Lower
147-02	1.351	-0.504	0.78	55	1973	26.24	3.57E-19	Middle
147-02	1.681	-1.036	0.93	59	1973	11.38	2.71E-35	Upper
147-03	0.693	-0.129	0.85	163	1989	13.39	1.52E-68	Lower
147-03	1.189	-0.951	0.76	162	1989	69.32	7.67E-52	Middle
147-03	1.306	-1.312	0.82	174	1965	60.80	1.06E-66	Upper
147-04	0.775	-0.110	0.90	113	1986	5.63	2.68E-57	Lower
147-04	0.713	-0.156	0.82	113	1986	9.12	4.50E-43	Middle
147-04	1.245	-1.031	0.81	119	1986	31.78	3.09E-44	Upper
147-05	1.494	-0.658	0.79	26	1978	13.50	1.76E-09	Lower
147-05	1.765	-1.074	0.98	27	1978	1.07	2.66E-24	Middle
147-05	1.669	-1.171	0.98	30	1978	1.30	5.79E-26	Upper
149-05	1.312	-1.344	0.58	122	1975	164.29	1.19E-24	Lower
149-05	1.511	-1.699	0.78	120	1975	87.20	2.13E-40	Middle
149-05	1.432	-1.774	0.77	128	1975	86.70	1.06E-41	Upper
151-02	1.779	-1.066	0.99	43	1959	0.85	9.93E-46	Lower
151-02	1.674	-1.182	0.99	42	1959	0.71	5.22E-45	Middle
151-02	1.610	-1.240	0.99	47	1981	1.57	5.00E-43	Upper
153-01	1.156	-0.885	0.55	58	1987	65.87	2.53E-11	Lower
153-01	1.555	-1.553	0.78	58	1987	41.36	4.74E-20	Middle
153-01	1.497	-1.603	0.80	68	1987	38.70	1.16E-24	Upper
154-01	1.445	-1.453	0.66	44	1980	50.06	1.65E-11	Middle
154-01	1.494	-1.740	0.73	47	1980	39.48	1.61E-14	Upper
154-02	0.804	-0.207	0.75	203	1980	48.05	7.34E-62	Lower
154-02	0.757	-0.271	0.75	198	1981	41.63	1.56E-60	Middle
154-02	1.529	-1.384	0.92	215	1980	45.49	4.24E-119	Upper
154-03	0.748	-0.256	0.86	102	1981	8.92	6.62E-44	Lower
154-03	1.492	-1.348	0.96	96	1978	9.58	1.78E-65	Middle
154-03	1.402	-1.440	0.93	111	1978	14.18	8.50E-66	Upper
154-30	1.234	-1.146	0.51	106	1983	157.78	1.26E-17	Middle
154-30	1.577	-1.640	0.75	115	1983	95.92	1.59E-35	Upper
155-01	1.106	-0.628	0.81	111	1975	32.83	2.10E-41	Lower
155-01	1.537	-1.314	0.97	111	1975	8.77	1.17E-84	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
155-01	1.424	-1.422	0.93	123	1977	18.40	2.83E-72	Upper
155-02	0.710	-0.262	0.79	128	1979	17.10	2.07E-44	Lower
155-02	0.752	-0.434	0.70	125	1979	29.62	5.29E-34	Middle
155-02	1.389	-1.503	0.91	141	1979	24.88	2.37E-75	Upper
155-03	0.775	-0.123	0.93	20	1985	0.76	1.10E-11	Lower
155-03	0.722	-0.187	0.89	20	1985	0.80	3.31E-10	Middle
155-03	1.028	-0.655	0.77	26	1985	6.34	3.42E-09	Upper
156-01	1.288	-0.631	0.82	67	1985	31.80	1.28E-25	Lower
156-01	1.665	-1.180	0.99	65	1975	3.02	3.02E-61	Middle
156-01	1.538	-1.291	0.96	75	1977	8.20	2.59E-54	Upper
156-02	1.396	-1.651	0.65	96	1979	104.61	3.49E-23	Middle
156-02	1.380	-1.832	0.71	101	1979	82.79	5.23E-28	Upper
156-03	1.311	-1.307	0.63	115	1978	136.19	1.98E-26	Lower
156-03	1.553	-1.675	0.86	118	1978	55.51	1.07E-51	Middle
156-03	1.435	-1.793	0.86	124	1978	51.41	1.56E-53	Upper
157-01	1.414	-1.469	0.98	12	1957	0.92	1.19E-09	Lower
157-01	1.417	-1.468	0.98	10	1957	0.68	3.33E-08	Middle
157-01	1.257	-1.639	0.97	16	1957	1.09	1.33E-12	Upper
157-02	1.213	-1.449	0.91	27	1987	6.71	2.12E-14	Lower
157-02	1.230	-1.622	0.97	32	1957	2.45	3.43E-24	Middle
157-02	1.181	-1.628	0.94	38	1957	5.10	3.34E-23	Upper
157-03	0.859	-0.020	0.96	194	1983	4.54	1.39E-139	Lower
157-03	0.820	-0.069	0.95	197	1983	5.42	4.62E-131	Middle
157-03	1.046	-0.407	0.72	202	1983	71.65	5.71E-57	Upper
157-04	0.827	-0.078	0.95	83	1985	2.14	4.28E-56	Lower
157-04	0.787	-0.131	0.93	79	1985	2.69	2.02E-47	Middle
157-04	0.760	-0.231	0.82	89	1985	8.98	9.35E-34	Upper
158-01	1.430	-1.391	0.95	161	1951	18.30	2.19E-106	Lower
158-01	1.364	-1.468	0.94	156	1977	18.87	8.29E-99	Middle
158-01	1.263	-1.584	0.95	177	1978	14.81	1.91E-117	Upper
159-02	0.594	0.246	0.84	84	1983	4.75	6.90E-35	Lower
159-02	0.751	0.012	0.86	81	1983	6.70	2.56E-35	Middle
159-02	1.033	-0.612	0.55	90	1983	69.01	1.01E-16	Upper
161-01	0.810	-0.018	0.87	23	1989	1.76	1.05E-10	Lower
161-01	1.609	-1.385	0.71	29	1989	22.38	9.36E-09	Upper
161-02	1.704	-1.282	0.71	171	1975	162.07	3.19E-47	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
161-02	1.600	-1.472	0.72	181	1993	148.11	5.81E-51	Upper
161-03	1.524	-1.672	0.74	85	1983	70.03	5.42E-26	Middle
161-03	1.414	-1.785	0.73	91	1983	65.66	2.17E-27	Upper
161-04	0.787	0.150	0.86	80	1990	5.92	2.71E-35	Lower
161-04	1.359	-0.530	0.72	81	1990	44.17	1.80E-23	Middle
161-04	1.718	-1.124	0.99	84	1990	2.27	3.12E-80	Upper
161-05	0.906	-0.203	0.82	22	1980	4.39	5.34E-09	Lower
161-05	1.721	-1.143	1.00	21	1980	0.30	6.65E-24	Middle
161-05	1.595	-1.266	0.99	26	1980	0.75	1.22E-25	Upper
161-06	0.658	-0.258	0.85	145	1980	8.71	1.39E-61	Lower
161-06	0.615	-0.301	0.82	142	1980	9.98	2.87E-53	Middle
161-06	1.096	-1.080	0.79	154	1980	38.24	4.10E-54	Upper
161-07	1.734	-1.085	0.98	43	1977	1.81	1.19E-37	Lower
161-07	1.668	-1.160	0.98	43	1981	1.81	3.03E-37	Middle
161-07	1.622	-1.197	0.98	47	1981	2.43	8.43E-38	Upper
161-08	0.915	-0.224	0.56	169	1980	114.94	1.83E-31	Lower
161-08	1.439	-1.082	0.65	168	1980	187.90	3.66E-40	Middle
161-08	1.695	-1.488	0.86	176	1980	82.02	5.25E-77	Upper
161-09	0.742	0.066	0.90	173	1983	8.77	1.44E-86	Lower
161-09	0.755	-0.114	0.92	169	1983	6.80	1.97E-93	Middle
161-09	1.597	-1.191	0.79	181	1983	98.25	1.33E-62	Upper
162-01	0.883	-0.035	0.97	93	1981	2.13	1.07E-71	Lower
162-01	1.330	-0.574	0.80	94	1975	39.29	2.50E-34	Middle
162-01	1.645	-1.118	0.96	104	1975	11.35	7.74E-74	Upper
164-01	1.678	-1.188	1.00	8	1981	0.04	1.68E-09	Lower
164-01	1.558	-1.318	1.00	10	1981	0.01	1.07E-14	Middle
164-01	1.503	-1.381	1.00	12	1981	0.16	3.48E-13	Upper
165-04	0.755	-0.060	0.90	146	1972	7.75	2.08E-75	Lower
165-04	1.431	-0.820	0.79	150	1979	71.37	1.34E-52	Middle
165-04	1.499	-1.453	0.74	159	1972	110.92	1.20E-47	Upper
165-05	1.740	-1.104	0.99	33	1958	0.47	3.49E-36	Lower
165-05	1.676	-1.162	0.99	33	1958	0.77	2.80E-32	Middle
165-05	1.619	-1.219	0.99	37	1958	1.12	1.11E-33	Upper
166-01	1.294	-2.007	0.52	59	1995	62.00	1.14E-10	Middle
166-01	1.250	-2.041	0.52	62	1995	60.79	3.62E-11	Upper
166-05	1.463	-1.796	0.90	10	1936	3.94	2.89E-05	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
166-05	1.383	-1.804	0.89	10	1936	3.77	4.89E-05	Middle
166-05	1.303	-1.891	0.86	15	1936	6.38	6.93E-07	Upper
167-01	0.585	-0.133	0.76	55	1993	5.24	7.72E-18	Lower
167-01	0.715	-0.312	0.63	50	1993	13.78	7.30E-12	Middle
167-01	1.238	-1.096	0.77	68	1961	26.19	1.29E-22	Upper
167-02	1.473	-1.384	0.97	94	1978	7.59	1.20E-73	Lower
167-02	1.462	-1.390	0.97	96	1963	9.37	2.82E-71	Middle
167-02	1.360	-1.498	0.97	103	1963	9.23	5.39E-76	Upper
167-03	1.367	-1.061	0.60	49	1983	53.42	6.92E-11	Lower
167-03	1.607	-1.525	0.79	47	1983	28.79	1.27E-16	Middle
167-03	1.531	-1.602	0.79	55	1983	29.23	8.96E-20	Upper
170-01	1.213	-1.070	0.50	158	1978	234.63	2.64E-25	Lower
170-01	1.602	-1.603	0.76	154	1978	127.27	4.83E-49	Middle
170-01	1.541	-1.661	0.75	164	1978	128.74	6.06E-51	Upper
170-02	0.830	-0.391	0.76	82	1989	14.16	1.31E-26	Lower
170-02	1.526	-1.284	0.96	81	1989	6.22	1.32E-56	Middle
170-02	1.444	-1.395	0.98	88	1989	3.25	4.68E-73	Upper
171-01	0.855	0.045	0.92	139	1986	6.75	6.73E-79	Lower
171-01	1.165	-0.479	0.66	139	1986	80.32	1.14E-33	Middle
171-01	1.538	-1.601	0.70	145	1986	119.10	2.77E-39	Upper
171-02	0.768	-0.036	0.92	155	1995	4.57	1.32E-86	Lower
171-02	0.713	-0.150	0.94	155	1995	2.83	2.12E-96	Middle
171-02	1.061	-0.814	0.51	160	1995	100.74	1.69E-26	Upper
171-03	0.927	0.025	0.98	147	1986	2.61	6.55E-120	Lower
171-03	0.864	-0.081	0.97	148	1986	2.47	3.54E-118	Middle
171-03	1.822	-1.008	0.99	152	1986	6.33	1.00E-139	Upper
172-01	1.484	-1.717	0.74	147	1981	119.59	6.76E-44	Middle
172-01	1.357	-1.832	0.74	149	1981	101.46	2.40E-44	Upper
172-30	1.406	-1.668	0.74	52	1970	46.92	3.61E-16	Lower
172-30	1.434	-1.829	0.79	55	1970	37.36	8.54E-20	Middle
172-30	1.316	-1.913	0.80	57	1970	31.65	7.15E-21	Upper
173-01	0.907	0.144	0.92	190	1985	6.52	2.69E-105	Lower
173-01	1.991	-0.441	0.83	190	1983	71.94	1.78E-75	Middle
173-01	1.618	-1.486	0.62	193	1985	146.65	1.89E-42	Upper
177-03	1.272	-0.997	0.76	237	1993	137.89	6.05E-74	Lower
177-03	1.510	-1.522	0.89	230	1977	72.17	5.44E-112	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
177-03	1.435	-1.619	0.87	250	1977	81.55	5.66E-113	Upper
177-04	0.774	0.043	0.88	365	1992	22.64	3.26E-170	Lower
177-04	1.086	-0.375	0.71	369	1992	133.96	1.97E-101	Middle
177-04	1.568	-1.507	0.69	377	1971	324.96	5.18E-97	Upper
177-05	0.854	0.014	0.91	334	1985	19.29	2.67E-179	Lower
177-05	1.531	-1.671	0.68	343	1995	317.08	9.69E-87	Upper
177-30	1.701	-1.436	0.62	123	1953	112.47	2.70E-27	Upper
178-02	0.679	-0.136	0.86	184	1980	14.12	9.75E-81	Lower
178-02	1.089	-0.740	0.75	182	1973	77.16	6.87E-56	Middle
178-02	1.492	-1.510	0.87	196	1980	64.33	1.70E-89	Upper
178-03	1.276	-1.282	0.64	178	1977	196.43	7.76E-41	Lower
178-03	1.503	-1.659	0.82	184	1977	105.92	1.55E-70	Middle
178-03	1.427	-1.731	0.82	191	1977	100.81	1.70E-72	Upper
185-01	1.123	-0.519	0.75	144	1971	73.80	2.82E-44	Lower
185-01	1.636	-1.218	0.99	143	1981	5.93	1.72E-135	Middle
185-01	1.535	-1.322	0.98	153	1980	7.65	4.98E-135	Upper
187-01	1.631	-1.219	0.74	186	1973	145.19	3.50E-56	Lower
187-01	1.564	-1.615	0.70	185	1978	164.83	6.09E-50	Middle
187-01	1.497	-1.677	0.69	191	1978	161.15	2.67E-50	Upper
187-02	0.854	-0.049	0.93	94	1983	5.61	5.08E-54	Lower
187-02	1.632	-0.904	0.90	95	1983	29.96	1.44E-47	Middle
187-02	1.551	-1.320	0.84	98	1983	45.97	3.73E-40	Upper
187-03	0.926	0.187	0.95	35	1982	1.28	1.54E-23	Lower
187-03	0.963	0.034	0.97	31	1982	0.65	9.94E-25	Middle
187-03	1.272	-0.660	0.60	40	1982	37.72	5.63E-09	Upper
187-04	1.003	-0.150	0.75	289	1990	76.51	1.42E-89	Lower
187-04	1.757	-1.027	0.94	289	1990	49.52	1.71E-173	Middle
187-04	1.629	-1.368	0.88	298	1990	89.63	1.46E-136	Upper
188-01	0.689	0.140	0.82	188	1990	12.38	1.08E-71	Lower
188-01	0.752	-0.027	0.81	189	1990	15.80	6.03E-69	Middle
188-01	0.674	-0.142	0.70	199	1989	24.44	2.68E-53	Upper
188-02	1.191	-0.601	0.54	118	1990	117.42	4.78E-21	Middle
188-02	1.674	-1.286	0.79	127	1984	74.45	1.69E-44	Upper
188-03	1.551	-1.783	0.61	128	1986	129.95	7.33E-28	Middle
188-03	1.381	-1.918	0.63	134	1986	101.98	2.56E-30	Upper
190-01	0.804	-0.182	0.64	191	1986	63.86	1.17E-43	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
190-01	0.758	-0.275	0.55	189	1983	82.80	2.90E-34	Middle
190-01	1.310	-1.201	0.75	201	1983	102.46	5.67E-62	Upper
190-02	0.770	-0.089	0.75	244	1984	35.91	1.69E-75	Lower
190-02	0.709	-0.148	0.71	242	1984	37.74	5.70E-66	Middle
190-02	0.757	-0.346	0.60	253	1986	71.81	3.84E-52	Upper
192-01	0.672	-0.192	0.76	84	1989	9.46	2.41E-27	Lower
192-01	0.582	-0.273	0.63	87	1989	13.40	3.26E-20	Middle
192-01	1.165	-0.957	0.71	90	1989	38.68	1.10E-25	Upper
193-01	1.016	-0.987	0.56	210	1979	190.36	1.10E-38	Middle
193-01	1.422	-1.548	0.82	223	1991	109.14	1.22E-83	Upper
193-02	1.598	-1.435	0.81	171	1990	86.91	1.67E-62	Upper
193-03	1.474	-1.866	0.56	39	1980	34.00	3.85E-08	Middle
193-03	1.456	-1.870	0.59	41	1980	32.07	5.28E-09	Upper
193-04	0.505	0.508	0.69	102	1980	7.18	6.85E-27	Lower
193-04	0.655	0.159	0.87	107	1980	4.13	2.44E-48	Middle
193-04	1.745	-1.420	0.66	107	1980	102.44	3.77E-26	Upper
193-05	0.375	0.315	0.51	73	1981	5.87	1.77E-12	Lower
193-05	0.526	-0.039	0.77	74	1981	3.57	7.50E-25	Middle
193-06	0.657	-0.398	0.50	53	1991	15.40	2.91E-09	Upper
193-31	0.585	0.124	0.72	26	1995	2.15	4.94E-08	Lower
193-31	0.671	-0.075	0.79	22	1995	1.59	2.77E-08	Middle
194-01	1.427	-1.199	0.68	142	1986	127.57	1.38E-36	Middle
194-01	1.614	-1.541	0.83	152	1986	72.85	3.01E-60	Upper
194-02	1.626	-1.050	0.77	276	1987	208.91	3.42E-88	Middle
194-02	1.688	-1.328	0.87	292	1987	114.45	5.20E-131	Upper
194-03	1.467	-1.017	0.69	250	1986	225.72	2.08E-64	Middle
194-03	1.640	-1.452	0.86	257	1986	101.24	5.49E-112	Upper
194-06	1.638	-1.542	0.84	154	1978	90.69	1.59E-62	Lower
194-06	1.608	-1.620	0.86	155	1978	74.59	1.40E-67	Middle
194-06	1.493	-1.731	0.86	163	1978	69.95	8.12E-70	Upper
194-07	0.806	-0.091	0.88	125	1984	11.50	1.37E-58	Lower
194-07	1.562	-1.179	0.94	125	1984	21.23	2.41E-75	Middle
194-07	1.487	-1.332	0.94	136	1974	21.06	1.87E-81	Upper
195-02	1.052	-0.132	0.74	43	1990	13.41	1.81E-13	Lower
195-02	1.624	-1.387	0.72	43	1990	35.32	6.80E-13	Middle
195-02	1.468	-1.670	0.65	48	1990	44.09	5.43E-12	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
195-03	1.436	-1.883	0.59	67	1995	71.35	4.89E-14	Middle
195-03	1.386	-1.940	0.59	71	1995	68.54	3.66E-15	Upper
196-01	0.408	0.275	0.53	126	1994	10.98	4.94E-22	Lower
196-01	0.460	0.065	0.65	131	1978	8.64	1.39E-31	Middle
196-01	1.498	-1.318	0.56	134	1978	136.52	1.40E-25	Upper
196-02	0.939	0.142	0.96	62	1989	1.82	8.11E-43	Lower
196-02	0.872	-0.008	0.96	65	1989	1.53	1.66E-45	Middle
196-02	1.383	-0.826	0.69	71	1975	46.01	4.58E-19	Upper
196-03	0.784	-0.120	0.92	136	1983	6.97	5.40E-76	Lower
196-03	1.329	-1.196	0.66	135	1983	121.76	1.14E-32	Middle
196-03	1.421	-1.710	0.81	143	1983	67.19	4.60E-52	Upper
196-04	0.931	0.052	0.96	165	1985	4.01	1.60E-120	Lower
196-04	0.890	-0.110	0.81	165	1985	23.83	2.05E-60	Middle
196-04	1.756	-1.427	0.83	171	1985	83.80	1.49E-66	Upper
198-02	0.894	0.254	0.97	179	1993	4.01	1.18E-132	Lower
198-02	0.935	-0.117	0.70	176	1990	54.45	1.74E-47	Middle
198-02	1.786	-1.067	0.89	187	1978	60.05	2.52E-90	Upper
198-03	1.870	-0.879	0.96	58	1982	7.85	1.93E-42	Lower
198-03	1.777	-1.082	1.00	57	1982	0.10	5.22E-92	Middle
198-03	1.604	-1.259	0.99	64	1982	2.04	2.21E-62	Upper
198-30	0.787	0.114	0.94	37	1984	1.30	2.10E-22	Lower
198-30	0.829	-0.049	0.94	37	1984	1.23	2.11E-23	Middle
198-30	1.367	-0.739	0.78	43	1984	18.68	7.11E-15	Upper
200-01	0.859	0.150	0.91	38	1982	2.05	5.15E-20	Lower
200-01	0.875	-0.008	0.91	40	1982	2.06	9.83E-22	Middle
200-01	0.771	-0.118	0.88	42	1982	2.34	3.31E-20	Upper
200-02	1.710	-1.037	0.94	92	1983	20.83	3.22E-58	Lower
200-02	1.632	-1.220	0.97	91	1983	10.78	8.87E-68	Middle
200-02	1.462	-1.404	0.97	100	1983	8.65	2.03E-76	Upper
201-03	0.794	-0.388	0.65	139	1987	56.71	2.52E-33	Lower
201-03	1.339	-1.328	0.85	135	1987	52.29	1.20E-56	Middle
201-03	1.257	-1.437	0.86	150	1957	46.22	9.69E-65	Upper
203-01	0.784	0.449	0.86	36	1995	2.08	3.93E-16	Lower
203-01	0.719	0.303	0.78	37	1995	3.20	6.62E-13	Middle
203-02	1.211	-0.694	0.75	152	1980	81.97	5.96E-47	Lower
203-02	1.586	-1.448	0.85	153	1980	74.78	9.49E-64	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
203-02	1.482	-1.533	0.84	165	1987	72.16	1.36E-67	Upper
203-03	1.103	-0.407	0.66	121	1990	79.63	1.91E-29	Lower
203-03	1.525	-1.509	0.77	123	1961	88.21	4.20E-40	Middle
203-03	1.440	-1.612	0.78	135	1961	81.11	1.28E-45	Upper
203-04	0.626	0.128	0.60	20	1990	2.98	6.12E-05	Lower
203-04	0.563	0.066	0.57	20	1990	2.70	1.17E-04	Middle
203-04	0.801	-0.325	0.56	26	1990	7.51	1.02E-05	Upper
204-01	1.576	-1.248	0.92	144	1983	28.40	5.37E-80	Lower
204-01	1.520	-1.306	0.91	144	1983	30.14	1.45E-75	Middle
204-01	1.451	-1.381	0.90	149	1983	32.69	8.58E-75	Upper
204-02	0.870	-0.042	0.90	51	1983	4.61	1.01E-25	Lower
204-02	0.790	-0.124	0.87	50	1983	4.67	3.14E-23	Middle
204-02	0.996	-0.514	0.72	57	1983	21.74	5.24E-17	Upper
204-03	0.695	-0.092	0.67	132	1992	26.38	9.73E-33	Lower
204-03	1.491	-1.162	0.87	130	1981	36.59	7.77E-59	Middle
204-03	1.374	-1.241	0.84	143	1981	41.93	2.08E-57	Upper
204-04	0.538	0.221	0.69	30	1992	2.18	1.33E-08	Lower
204-04	0.535	0.059	0.72	29	1992	2.15	6.49E-09	Middle
204-04	0.922	-0.470	0.64	36	1992	9.54	4.27E-09	Upper
205-02	1.810	-1.297	0.79	82	1982	64.53	4.52E-29	Middle
205-02	1.773	-1.436	0.82	87	1982	53.89	1.92E-33	Upper
205-03	0.788	-0.071	0.87	116	1988	8.16	5.68E-52	Lower
205-03	0.725	-0.133	0.84	118	1988	8.41	5.07E-48	Middle
205-03	1.179	-0.806	0.77	122	1988	37.42	3.59E-40	Upper
206-01	1.522	-1.734	0.73	191	1963	189.03	3.24E-56	Lower
206-01	1.480	-1.786	0.73	193	1963	184.05	4.23E-56	Middle
206-01	1.425	-1.837	0.73	196	1963	174.81	6.49E-57	Upper
207-01	0.592	0.212	0.69	157	1995	20.62	1.73E-41	Lower
207-01	1.122	-0.425	0.70	156	1995	70.17	4.96E-42	Middle
207-01	1.645	-1.097	0.91	166	1984	35.64	6.77E-89	Upper
207-02	1.186	-0.367	0.77	115	1986	51.54	1.00E-37	Lower
207-02	1.717	-1.097	0.93	116	1986	26.96	7.88E-68	Middle
207-02	1.636	-1.181	0.92	121	1986	29.97	9.89E-67	Upper
207-03	1.362	-0.847	0.69	42	1981	39.73	1.26E-11	Lower
207-03	1.635	-1.601	0.84	43	1981	23.93	4.06E-18	Middle
207-03	1.589	-1.607	0.83	50	1981	27.55	3.56E-20	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
207-05	0.713	-0.169	0.76	17	1982	2.21	5.97E-06	Lower
207-05	0.677	-0.198	0.68	21	1982	3.83	4.79E-06	Middle
207-05	0.811	-0.550	0.64	23	1982	6.67	4.76E-06	Upper
207-06	1.707	-0.944	0.90	34	1985	12.94	1.43E-17	Lower
207-06	1.612	-1.231	0.94	30	1985	6.20	1.30E-18	Middle
207-06	1.460	-1.398	0.96	42	1985	4.61	9.92E-29	Upper
207-08	1.700	-1.076	0.89	18	1987	6.43	4.59E-09	Lower
207-08	1.694	-1.089	0.89	16	1987	6.21	5.66E-08	Middle
207-08	1.543	-1.241	0.87	23	1987	7.94	1.13E-10	Upper
207-09	0.839	0.131	0.93	135	1983	5.42	1.54E-80	Lower
207-09	1.598	-0.645	0.84	138	1983	52.41	9.78E-57	Middle
207-09	1.673	-1.170	0.84	141	1983	59.50	1.01E-57	Upper
208-01	1.729	-1.136	1.00	17	1982	0.28	4.14E-19	Lower
208-01	1.629	-1.240	1.00	19	1982	0.27	2.54E-21	Middle
208-01	1.512	-1.365	0.99	21	1982	0.52	4.40E-21	Upper
208-02	1.425	-1.444	0.96	10	1975	0.99	4.94E-07	Lower
208-02	1.349	-1.523	0.95	12	1975	1.26	6.09E-08	Middle
208-02	1.322	-1.553	0.95	15	1975	1.54	4.76E-10	Upper
208-30	0.700	0.164	0.78	64	1991	5.84	3.14E-22	Lower
208-30	0.599	0.081	0.65	62	1991	7.79	2.14E-15	Middle
208-30	1.069	-0.508	0.61	70	1991	33.51	1.12E-15	Upper
210-01	0.786	-0.052	0.75	87	1985	16.50	1.24E-27	Lower
210-01	1.009	-0.416	0.69	88	1985	36.33	1.39E-23	Middle
210-01	1.496	-1.325	0.90	96	1985	20.74	8.72E-50	Upper
210-02	0.663	0.134	0.70	98	1991	12.95	1.09E-26	Lower
210-02	1.150	-0.495	0.68	96	1991	39.90	2.72E-25	Middle
210-02	1.559	-1.170	0.90	104	1991	19.68	1.85E-52	Upper
211-01	1.855	-0.890	0.97	32	1979	4.16	9.81E-24	Lower
211-01	1.848	-1.012	1.00	30	1979	0.28	6.64E-38	Middle
211-01	1.707	-1.146	0.99	36	1979	0.61	3.11E-40	Upper
211-02	1.308	-1.582	0.97	57	1952	4.37	1.60E-45	Lower
211-02	1.249	-1.643	0.96	54	1952	5.99	4.30E-38	Middle
211-02	1.168	-1.732	0.96	66	1954	5.36	3.01E-48	Upper
211-03	0.465	0.013	0.68	87	1955	12.79	1.59E-22	Lower
211-03	0.880	-0.715	0.54	88	1955	80.99	3.87E-16	Middle
211-03	1.143	-1.340	0.73	93	1955	63.73	6.53E-28	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
211-04	1.343	-1.534	0.96	29	1962	3.00	4.99E-20	Lower
211-04	1.285	-1.595	0.95	27	1962	2.77	6.13E-18	Middle
211-04	1.230	-1.658	0.95	34	1962	3.48	2.75E-22	Upper
213-02	1.848	-0.990	1.00	5	1976	0.06	6.83E-05	Lower
213-02	1.840	-0.999	1.00	6	1976	0.04	1.10E-06	Middle
213-02	1.676	-1.125	0.98	10	1976	0.76	9.89E-08	Upper
213-04	1.321	-1.168	0.58	43	1980	57.66	3.66E-09	Lower
213-04	1.578	-1.634	0.84	45	1980	23.34	1.83E-18	Middle
213-04	1.464	-1.763	0.84	48	1980	20.79	7.51E-20	Upper
213-05	1.650	-1.194	0.96	48	1982	5.63	1.46E-34	Lower
213-05	1.607	-1.237	0.95	47	1982	7.58	1.81E-30	Middle
213-05	1.486	-1.364	0.92	54	1982	11.21	2.99E-30	Upper
213-06	1.457	-1.132	0.53	43	1987	64.75	2.77E-08	Lower
213-06	1.552	-1.610	0.63	39	1987	44.41	1.45E-09	Middle
213-06	1.430	-1.727	0.64	49	1987	45.37	3.97E-12	Upper
213-08	1.549	-1.183	0.93	55	1983	11.36	1.21E-32	Lower
213-08	1.479	-1.378	0.97	50	1983	4.06	2.95E-38	Middle
213-08	1.361	-1.510	0.98	61	1983	2.78	3.11E-51	Upper
214-01	1.601	-1.271	0.99	72	1982	1.60	2.86E-81	Lower
214-01	1.533	-1.339	0.99	73	1965	2.66	3.27E-73	Middle
214-01	1.407	-1.476	0.98	80	1965	4.87	1.26E-68	Upper
215-01	0.802	-0.171	0.79	104	1983	17.42	7.84E-36	Lower
215-01	1.556	-1.266	0.92	108	1983	21.66	5.11E-60	Middle
215-01	1.432	-1.416	0.93	110	1983	14.96	1.24E-65	Upper
216-01	1.615	-1.226	0.95	88	1978	12.44	6.32E-59	Lower
216-01	1.539	-1.300	0.94	88	1978	14.07	1.56E-54	Middle
216-01	1.468	-1.378	0.94	94	1978	15.17	1.49E-56	Upper
216-02	0.738	-0.160	0.90	6	1982	0.28	3.98E-03	Lower
216-02	1.123	-0.760	0.82	10	1982	2.44	3.22E-04	Middle
216-02	1.499	-1.343	0.97	12	1982	0.70	9.97E-09	Upper
217-01	1.526	-1.343	0.99	48	1989	1.06	2.19E-49	Lower
217-01	1.429	-1.451	1.00	49	1989	0.30	9.64E-62	Middle
217-01	1.388	-1.484	0.99	54	1989	1.31	4.99E-52	Upper
217-02	1.244	-0.609	0.76	57	1983	36.29	1.47E-18	Lower
217-02	1.489	-1.380	0.98	57	1989	4.04	5.85E-46	Middle
217-02	1.411	-1.461	0.97	66	1983	5.75	6.53E-49	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
218-01	0.772	-0.139	0.89	77	1983	6.54	3.12E-37	Lower
218-01	0.755	-0.311	0.76	79	1983	15.88	1.24E-25	Middle
218-01	1.470	-1.376	0.93	86	1983	14.45	4.49E-51	Upper
218-30	0.756	-0.151	0.81	17	1982	2.48	8.30E-07	Lower
218-30	1.024	-0.652	0.70	17	1982	8.23	2.58E-05	Middle
218-30	1.414	-1.438	0.93	23	1982	3.41	8.78E-14	Upper
219-01	1.603	-1.269	1.00	39	1979	0.08	9.75E-62	Lower
219-01	1.516	-1.363	1.00	39	1979	0.16	1.74E-54	Middle
219-01	1.367	-1.525	1.00	43	1979	0.31	4.75E-54	Upper
219-02	1.202	-0.881	0.78	171	1982	84.31	2.16E-57	Lower
219-02	1.430	-1.459	0.90	168	1982	48.72	2.93E-83	Middle
219-02	1.345	-1.638	0.86	189	1982	68.50	2.12E-80	Upper
219-03	1.350	-1.747	0.67	92	1977	91.23	2.78E-23	Lower
219-03	1.364	-1.846	0.74	96	1977	71.75	7.28E-29	Middle
219-03	1.273	-1.935	0.73	99	1977	64.84	1.17E-29	Upper
219-04	1.497	-1.379	0.87	49	1985	19.28	3.25E-22	Lower
219-04	1.442	-1.589	0.89	51	1985	15.41	8.27E-25	Middle
219-04	1.368	-1.687	0.87	55	1985	16.73	2.08E-25	Upper
219-05	0.739	-0.161	0.90	200	1982	10.57	2.36E-99	Lower
219-05	0.682	-0.216	0.85	198	1982	13.51	1.55E-82	Middle
219-05	1.375	-1.256	0.89	209	1985	41.14	2.92E-100	Upper
219-07	1.432	-0.434	0.73	135	1970	71.60	3.13E-39	Lower
219-07	1.476	-1.518	0.64	134	1984	111.51	3.57E-31	Middle
219-07	1.233	-1.863	0.56	141	1984	117.64	7.51E-27	Upper
219-08	0.353	0.378	0.51	64	1981	4.26	2.79E-11	Lower
219-08	0.405	0.227	0.61	65	1981	3.89	1.21E-14	Middle
219-30	1.269	-1.300	0.73	85	1962	66.89	1.47E-25	Lower
219-30	1.383	-1.722	0.89	88	1962	28.29	1.41E-42	Middle
219-30	1.315	-1.786	0.89	99	1962	28.60	5.62E-48	Upper
220-02	1.300	-0.719	0.62	37	1995	25.49	8.14E-09	Lower
221-01	0.461	0.189	0.50	55	1995	7.97	1.28E-09	Middle
221-02	0.602	0.247	0.75	45	1995	3.15	1.07E-14	Lower
221-02	0.623	0.095	0.79	45	1995	2.82	5.45E-16	Middle
221-02	0.888	-0.286	0.70	50	1995	9.98	3.67E-14	Upper
223-03	0.873	-0.011	0.96	126	1990	3.32	3.01E-86	Lower
223-03	1.486	-0.591	0.81	123	1990	49.98	7.59E-45	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
223-03	1.729	-1.005	0.95	139	1990	18.04	8.66E-89	Upper
224-01	1.525	-1.321	0.97	85	1978	6.47	1.82E-66	Lower
224-01	1.467	-1.380	0.97	85	1978	6.58	9.03E-65	Middle
224-01	1.343	-1.520	0.97	93	1978	4.93	3.73E-74	Upper
224-02	1.213	-1.145	0.58	106	1981	128.46	1.88E-21	Middle
224-02	1.458	-1.669	0.81	116	1981	63.93	1.84E-43	Upper
226-01	1.081	-0.099	0.61	41	1979	21.33	1.78E-09	Lower
226-01	1.661	-1.185	0.76	38	1979	24.05	1.49E-12	Middle
226-01	1.447	-1.699	0.72	46	1979	28.34	1.19E-13	Upper
227-03	1.579	-1.275	0.99	29	1987	0.69	2.68E-28	Lower
227-03	1.491	-1.372	0.99	31	1987	0.78	1.68E-29	Middle
227-03	1.394	-1.479	0.99	34	1987	0.55	4.39E-34	Upper
228-04	0.647	0.257	0.91	68	1984	2.14	3.68E-36	Lower
228-04	1.255	-0.284	0.68	66	1984	38.56	2.70E-17	Middle
228-04	1.776	-0.780	0.88	73	1984	24.45	6.75E-34	Upper
228-05	1.404	-1.773	0.64	18	1988	11.92	6.29E-05	Lower
228-05	1.397	-1.746	0.67	16	1988	9.37	1.02E-04	Middle
228-05	1.418	-1.777	0.69	22	1988	13.19	1.66E-06	Upper
228-06	1.527	-1.624	0.71	156	1988	105.16	9.60E-43	Lower
228-06	1.457	-1.717	0.73	155	1988	86.63	4.68E-45	Middle
228-06	1.372	-1.795	0.72	161	1988	81.30	4.41E-46	Upper
229-05	1.117	-2.197	0.50	65	1993	59.30	3.86E-11	Lower
229-05	1.081	-2.223	0.50	65	1993	55.38	3.66E-11	Middle
229-05	1.116	-2.194	0.53	70	1993	58.92	1.33E-12	Upper
230-02	0.823	-0.066	0.94	61	1980	1.97	1.02E-36	Lower
230-02	0.741	-0.158	0.94	61	1980	1.55	6.30E-37	Middle
230-02	1.350	-0.778	0.79	65	1980	22.13	1.00E-22	Upper
230-03	1.480	-1.626	0.74	80	1979	67.41	1.32E-24	Middle
230-03	1.477	-1.728	0.78	94	1979	60.91	4.07E-32	Upper
230-05	1.556	-1.243	0.96	146	1993	12.68	1.08E-106	Lower
230-05	1.468	-1.379	0.98	148	1984	5.32	3.11E-131	Middle
230-05	1.409	-1.462	0.97	160	1984	8.28	5.03E-126	Upper
232-01	1.518	-1.459	0.72	163	1995	141.18	2.39E-46	Lower
232-01	1.485	-1.724	0.75	159	1995	115.71	1.20E-48	Middle
232-01	1.404	-1.791	0.76	174	1980	106.22	1.76E-54	Upper
232-30	1.608	-1.559	0.69	120	1987	125.57	4.83E-32	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
232-30	1.598	-1.609	0.71	119	1987	115.48	4.31E-33	Middle
232-30	1.526	-1.688	0.70	124	1987	112.58	9.71E-34	Upper
232-31	1.348	-1.287	0.58	18	1986	22.46	2.28E-04	Lower
232-31	1.476	-1.751	0.70	18	1986	15.10	1.32E-05	Middle
232-31	1.451	-1.730	0.76	23	1986	14.50	7.46E-08	Upper
236-01	1.713	-1.469	0.84	92	1979	45.56	6.65E-38	Middle
236-01	1.584	-1.585	0.83	97	1979	45.27	5.97E-38	Upper
236-02	0.619	0.166	0.75	64	1994	7.96	2.56E-20	Lower
236-02	0.638	-0.045	0.73	68	1991	9.76	1.44E-20	Middle
236-02	1.356	-1.080	0.78	75	1981	34.90	6.75E-26	Upper
238-01	1.449	-1.424	0.98	10	1976	0.66	8.22E-08	Lower
238-01	1.449	-1.421	0.97	11	1976	1.10	4.99E-08	Middle
238-01	1.317	-1.568	0.98	16	1976	0.65	2.64E-13	Upper
238-02	0.705	-0.164	0.88	99	1991	5.69	7.16E-46	Lower
238-02	1.265	-1.070	0.86	101	1981	22.17	3.22E-44	Middle
238-02	1.374	-1.422	0.94	109	1981	10.86	2.94E-66	Upper
238-03	0.893	-0.031	0.98	14	1984	0.17	4.36E-12	Lower
238-03	1.149	-0.315	0.75	14	1984	5.86	6.32E-05	Middle
238-03	1.644	-1.129	0.95	19	1984	2.33	1.32E-12	Upper
239-31	0.845	-0.005	0.81	66	1988	9.14	1.19E-24	Lower
239-31	0.981	-0.408	0.72	63	1988	19.38	2.41E-18	Middle
239-31	1.507	-1.306	0.94	71	1988	8.23	4.13E-44	Upper
240-03	1.532	-1.321	0.95	103	1978	15.47	1.22E-66	Lower
240-03	1.454	-1.400	0.93	106	1978	19.84	8.89E-61	Middle
240-03	1.364	-1.504	0.94	109	1978	14.38	6.20E-68	Upper
241-03	1.720	-1.070	0.96	60	1990	5.67	1.34E-41	Lower
241-03	1.658	-1.139	0.96	58	1990	4.92	7.57E-41	Middle
241-03	1.570	-1.236	0.96	65	1990	5.32	1.48E-44	Upper
243-01	1.096	-0.681	0.79	100	1973	45.92	1.64E-34	Lower
243-01	1.453	-1.412	0.95	98	1973	14.08	1.00E-65	Middle
243-01	1.339	-1.538	0.95	105	1973	14.01	2.30E-68	Upper
243-02	1.295	-1.245	0.90	93	1970	18.19	8.53E-47	Lower
243-02	1.358	-1.510	0.97	95	1970	6.33	1.32E-69	Middle
243-02	1.279	-1.594	0.97	104	1970	5.93	2.59E-76	Upper
244-01	1.544	-1.308	0.93	77	1984	15.46	3.37E-46	Lower
244-01	1.504	-1.431	0.96	78	1985	9.52	4.65E-54	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
244-01	1.427	-1.561	0.92	85	1985	16.66	2.95E-48	Upper
247-01	1.404	-1.796	0.75	81	1983	44.42	1.03E-25	Lower
247-01	1.336	-1.859	0.75	80	1983	40.66	4.66E-25	Middle
247-01	1.253	-1.931	0.77	86	1983	35.75	1.46E-28	Upper
247-02	1.281	-1.904	0.63	41	1982	24.33	6.47E-10	Lower
247-02	1.218	-1.949	0.63	42	1982	22.28	3.89E-10	Middle
247-02	1.185	-1.995	0.68	45	1982	20.81	3.73E-12	Upper
247-30	1.647	-1.168	0.97	23	1990	1.62	4.20E-17	Lower
247-30	1.579	-1.259	0.98	23	1990	0.77	4.20E-20	Middle
247-30	1.519	-1.325	0.98	28	1990	0.95	5.62E-24	Upper
249-90	1.464	-1.406	0.97	77	1970	6.80	9.73E-61	Lower
249-90	1.431	-1.439	0.96	78	1970	10.13	1.52E-54	Middle
249-90	1.341	-1.536	0.95	83	1970	12.01	7.35E-54	Upper
250-01	1.669	-1.150	0.96	8	1986	0.54	2.86E-05	Lower
250-01	1.446	-1.294	0.90	18	1988	1.85	1.57E-09	Upper
250-03	1.414	-0.856	0.87	127	1989	32.38	6.61E-57	Lower
250-03	1.602	-1.252	0.99	127	1989	3.78	1.32E-118	Middle
250-03	1.522	-1.336	0.98	133	1989	4.38	3.69E-118	Upper
250-04	1.567	-1.287	0.99	157	1986	4.52	5.80E-149	Lower
250-04	1.471	-1.395	0.99	155	1986	2.61	8.01E-161	Middle
250-04	1.397	-1.475	0.99	165	1986	2.50	1.79E-170	Upper
251-01	0.886	-0.408	0.80	109	1981	19.67	1.91E-39	Lower
251-01	1.549	-1.307	0.98	108	1985	4.37	8.48E-95	Middle
251-01	1.466	-1.400	0.97	118	1985	6.07	4.52E-94	Upper
251-02	1.631	-1.223	0.62	200	1993	204.03	1.34E-43	Lower
251-02	1.717	-1.567	0.69	201	1993	163.34	5.31E-53	Middle
251-02	1.610	-1.650	0.70	208	1993	143.88	6.64E-56	Upper
252-02	1.627	-1.487	0.75	47	1987	32.82	3.97E-15	Lower
252-02	1.584	-1.506	0.76	48	1987	31.52	1.16E-15	Middle
252-02	1.524	-1.597	0.75	56	1993	32.76	6.80E-18	Upper
252-03	1.680	-1.169	1.00	114	1990	1.08	2.48E-134	Lower
252-03	1.617	-1.237	1.00	110	1990	1.05	1.08E-127	Middle
252-03	1.508	-1.345	0.99	119	1990	3.07	1.29E-109	Upper
253-02	1.574	-1.295	0.52	68	1993	82.85	3.43E-12	Upper
253-03	1.374	-1.829	0.72	22	1975	17.38	5.96E-07	Lower
253-03	1.263	-1.925	0.73	22	1975	14.72	4.79E-07	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
253-03	1.298	-1.891	0.72	27	1975	19.25	2.58E-08	Upper
253-04	1.473	-1.575	0.70	85	1994	78.73	1.29E-23	Lower
253-04	1.435	-1.789	0.72	86	1982	70.41	9.18E-25	Middle
253-04	1.388	-1.818	0.71	93	1982	71.73	3.30E-26	Upper
254-02	1.462	-1.253	0.95	68	1989	8.29	1.58E-45	Lower
254-02	1.444	-1.428	0.99	68	1989	2.25	2.29E-63	Middle
254-02	1.376	-1.500	0.99	73	1989	1.77	5.47E-71	Upper
254-03	1.560	-1.428	0.82	106	1975	52.11	6.84E-41	Lower
254-03	1.514	-1.529	0.84	107	1977	42.78	9.85E-44	Middle
254-03	1.428	-1.617	0.85	117	1975	41.42	3.35E-49	Upper
254-04	1.783	-1.366	0.78	26	1985	17.73	2.09E-09	Lower
254-04	1.739	-1.455	0.76	28	1985	19.19	1.25E-09	Middle
254-04	1.617	-1.545	0.78	30	1985	16.85	1.04E-10	Upper
254-05	0.723	-0.099	0.52	282	1970	137.01	1.53E-46	Lower
254-05	1.201	-0.849	0.60	282	1989	276.96	2.00E-57	Middle
254-05	1.547	-1.453	0.76	297	1989	227.25	1.40E-92	Upper
254-06	0.797	0.124	0.87	131	1981	11.24	1.07E-59	Lower
254-06	0.773	-0.088	0.86	127	1981	11.24	6.53E-56	Middle
254-06	0.865	-0.417	0.65	136	1981	51.05	3.04E-32	Upper
254-07	0.946	0.205	0.98	111	1990	1.55	5.78E-93	Lower
254-07	0.943	0.013	1.00	112	1990	0.25	3.75E-136	Middle
254-07	1.500	-0.574	0.82	115	1990	39.62	2.45E-44	Upper
255-02	1.527	-1.335	0.98	36	1975	2.11	1.85E-29	Lower
255-02	1.492	-1.374	0.98	41	1975	2.07	2.53E-34	Middle
255-02	1.392	-1.486	0.98	45	1976	1.56	2.61E-39	Upper
255-30	1.178	-1.729	1.00	13	1956	0.08	1.51E-15	Lower
255-30	1.109	-1.803	1.00	14	1956	0.00	1.24E-30	Middle
255-30	1.128	-1.780	0.99	18	1956	0.52	8.55E-17	Upper
256-02	0.946	0.022	0.99	53	1985	0.44	4.36E-56	Lower
256-02	1.588	-0.855	0.90	56	1980	19.19	6.41E-29	Middle
256-02	1.695	-1.163	0.99	62	1980	1.36	1.50E-68	Upper
256-04	1.242	-0.910	0.86	118	1985	29.40	1.14E-51	Lower
256-04	1.493	-1.347	0.96	119	1974	10.16	4.50E-85	Middle
256-04	1.421	-1.417	0.94	129	1974	16.67	1.66E-78	Upper
256-05	1.617	-1.235	0.98	106	1984	4.77	3.83E-96	Lower
256-05	1.546	-1.313	0.99	102	1984	3.85	2.48E-94	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-05	1.409	-1.463	0.98	113	1984	4.70	1.82E-97	Upper
256-06	1.579	-1.283	0.99	18	1981	0.59	6.93E-17	Lower
256-06	1.514	-1.356	0.99	18	1981	0.58	4.69E-17	Middle
256-06	1.442	-1.431	0.98	22	1981	1.18	7.29E-18	Upper
258-01	1.445	-1.439	1.00	14	1981	0.04	5.82E-19	Lower
258-01	1.399	-1.491	1.00	14	1981	0.06	6.22E-18	Middle
258-01	1.342	-1.547	1.00	20	1981	0.17	1.20E-22	Upper
259-01	0.734	0.043	0.72	247	1973	45.41	8.90E-69	Lower
259-01	1.633	-0.950	0.84	243	1973	102.36	6.39E-99	Middle
259-01	1.505	-1.592	0.78	253	1973	140.89	7.49E-84	Upper
260-01	1.513	-1.707	0.78	135	1977	101.65	1.36E-45	Lower
260-01	1.482	-1.747	0.78	133	1977	96.79	7.65E-45	Middle
260-01	1.393	-1.828	0.77	141	1977	92.30	8.42E-47	Upper
260-02	1.322	-1.268	0.62	154	1978	189.03	1.73E-33	Lower
260-02	1.541	-1.673	0.83	151	1978	85.51	9.10E-59	Middle
260-02	1.434	-1.781	0.82	163	1978	81.38	4.15E-62	Upper
260-03	1.099	-0.326	0.80	150	1979	55.76	1.52E-53	Lower
260-03	1.655	-1.197	0.99	153	1979	4.78	1.44E-155	Middle
260-03	1.517	-1.337	0.98	155	1979	9.93	3.23E-128	Upper
260-04	1.407	-1.787	0.65	94	1979	89.54	9.38E-23	Middle
260-04	1.347	-1.842	0.66	98	1979	85.31	6.48E-24	Upper
260-05	0.803	-0.043	0.84	106	1989	9.12	1.14E-43	Lower
260-05	0.717	-0.126	0.79	106	1989	10.32	1.15E-36	Middle
260-05	0.825	-0.439	0.63	112	1989	31.46	8.87E-26	Upper
260-06	0.669	-0.204	0.92	40	1995	0.97	1.67E-22	Lower
260-06	1.467	-1.065	0.80	37	1995	12.68	1.17E-13	Middle
260-06	1.572	-1.785	0.65	45	1995	37.26	2.34E-11	Upper
260-07	0.693	0.213	0.85	188	1995	11.63	6.96E-78	Lower
260-07	0.839	-0.021	0.89	187	1985	11.68	2.11E-90	Middle
260-07	0.758	-0.178	0.78	197	1985	23.31	2.84E-65	Upper
260-08	0.757	-0.141	0.91	54	1986	2.38	1.89E-28	Lower
260-08	0.693	-0.207	0.83	55	1986	4.07	7.77E-22	Middle
260-08	0.687	-0.376	0.66	60	1986	10.78	3.21E-15	Upper
261-01	0.867	-0.353	0.54	201	1986	120.79	5.25E-35	Lower
261-01	1.261	-0.898	0.67	202	1986	145.98	2.64E-50	Middle
261-01	1.583	-1.451	0.89	211	1988	61.05	7.65E-101	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
261-02	1.615	-0.946	0.60	175	1992	209.59	1.53E-36	Middle
261-02	1.875	-1.271	0.79	185	1992	119.37	3.69E-64	Upper
261-06	0.504	0.117	0.58	43	1993	4.60	3.86E-09	Middle
261-06	1.698	-1.587	0.64	48	1993	41.19	6.72E-12	Upper
262-03	0.803	-0.279	0.59	66	1989	29.16	5.00E-14	Lower
262-03	1.557	-1.248	0.82	69	1974	36.27	1.67E-26	Middle
262-03	1.487	-1.393	0.83	79	1989	34.87	5.24E-31	Upper
262-04	1.330	-0.974	0.55	171	1974	238.41	9.90E-31	Middle
262-04	1.763	-1.475	0.83	178	1974	108.68	7.21E-69	Upper
262-05	1.546	-1.318	0.99	46	1991	1.16	3.56E-46	Lower
262-05	1.488	-1.385	0.99	46	1991	0.66	8.11E-51	Middle
262-05	1.448	-1.423	0.99	51	1991	0.99	1.88E-52	Upper
262-06	1.267	-2.080	0.62	47	1994	28.88	6.73E-11	Lower
262-06	1.185	-2.141	0.61	44	1994	24.32	4.96E-10	Middle
262-06	1.245	-2.095	0.64	51	1994	28.16	1.66E-12	Upper
262-07	1.515	-1.265	0.59	41	1994	48.42	3.97E-09	Lower
262-07	1.647	-1.711	0.75	41	1994	27.58	3.17E-13	Middle
262-07	1.575	-1.745	0.77	48	1994	26.17	2.70E-16	Upper
262-30	1.550	-1.491	0.67	63	1979	79.46	2.64E-16	Middle
262-30	1.563	-1.664	0.75	68	1979	59.88	1.46E-21	Upper
263-01	1.537	-1.366	0.71	197	1988	163.58	4.95E-55	Middle
263-01	1.609	-1.596	0.82	203	1988	102.51	6.25E-76	Upper
263-02	0.767	-0.074	0.89	127	1986	7.12	5.29E-61	Lower
263-02	0.727	-0.169	0.88	124	1986	6.34	6.10E-59	Middle
263-02	0.920	-0.581	0.71	133	1986	34.81	1.08E-36	Upper
263-03	1.552	-1.335	0.71	53	1982	53.33	3.19E-15	Middle
263-03	1.608	-1.633	0.81	59	1982	35.81	6.27E-22	Upper
263-04	1.452	-1.286	0.96	156	1992	16.37	9.23E-106	Lower
263-04	1.416	-1.348	0.96	155	1992	14.15	2.35E-107	Middle
263-04	1.344	-1.428	0.94	168	1965	21.39	6.79E-101	Upper
263-05	0.830	-0.023	0.85	53	1989	5.20	2.65E-22	Lower
263-05	0.769	-0.080	0.80	56	1989	6.55	1.75E-20	Middle
263-05	0.719	-0.264	0.65	59	1989	12.66	1.44E-14	Upper
263-06	1.290	-1.606	0.99	119	1952	1.69	5.53E-130	Lower
263-06	1.218	-1.687	1.00	120	1952	0.77	5.49E-149	Middle
263-06	1.148	-1.763	1.00	124	1952	0.97	5.21E-145	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
265-01	1.506	-1.363	0.99	31	1981	1.46	3.69E-28	Lower
265-01	1.422	-1.452	0.98	32	1976	1.50	5.31E-28	Middle
265-01	1.322	-1.558	0.98	40	1976	2.19	1.64E-32	Upper
265-02	1.535	-1.344	1.00	21	1985	0.14	4.32E-27	Lower
265-02	1.399	-1.490	1.00	20	1978	0.05	1.13E-28	Middle
265-02	1.316	-1.578	1.00	24	1978	0.13	1.78E-30	Upper
266-01	0.735	-2.357	0.51	18	1979	4.33	8.24E-04	Middle
266-01	1.114	-2.030	0.75	24	1979	8.23	4.37E-08	Upper
266-02	0.716	-0.212	0.90	89	1980	5.18	6.43E-46	Lower
266-02	0.926	-0.595	0.75	92	1980	27.94	8.90E-29	Middle
266-02	1.443	-1.400	0.94	97	1991	12.67	1.17E-60	Upper
266-03	0.963	0.025	0.98	11	1979	0.19	1.72E-09	Lower
266-03	1.639	-0.942	0.93	13	1979	3.45	1.44E-07	Middle
266-03	1.599	-1.256	0.98	15	1979	0.88	1.27E-12	Upper
268-01	1.323	-0.872	0.74	103	1981	76.84	6.25E-31	Lower
268-01	1.567	-1.331	0.96	102	1981	13.06	4.13E-71	Middle
268-01	1.408	-1.514	0.93	109	1981	18.77	3.29E-64	Upper
268-02	0.513	0.139	0.69	111	1992	8.65	2.63E-29	Lower
268-02	0.523	0.006	0.60	109	1992	12.50	2.93E-23	Middle
268-02	1.423	-1.026	0.78	119	1992	44.41	8.32E-40	Upper
268-03	0.831	-0.084	0.99	47	1967	0.25	5.44E-45	Lower
268-03	1.412	-0.660	0.83	50	1967	13.48	6.44E-20	Middle
268-03	1.725	-1.072	0.98	51	1967	2.46	4.40E-41	Upper
269-02	1.490	-1.698	0.69	68	1966	62.40	1.55E-18	Middle
269-02	1.375	-1.775	0.69	71	1966	56.58	2.28E-19	Upper
269-03	0.805	-0.130	0.98	25	1977	0.29	5.60E-21	Lower
269-03	1.755	-0.995	0.97	24	1977	2.23	1.10E-17	Middle
269-03	1.592	-1.406	0.80	30	1977	15.75	2.26E-11	Upper
269-04	0.948	-0.449	0.77	68	1983	15.34	5.47E-23	Lower
269-04	1.547	-1.294	0.96	69	1990	5.49	5.39E-50	Middle
269-04	1.457	-1.391	0.97	78	1990	4.91	3.65E-57	Upper
269-05	0.579	0.171	0.85	212	1982	15.31	5.49E-87	Lower
269-05	1.141	-0.576	0.70	212	1957	138.59	1.06E-56	Middle
269-05	1.436	-1.262	0.81	221	1982	128.22	3.82E-80	Upper
269-06	1.034	0.112	0.99	78	1986	0.56	4.50E-81	Lower
269-06	0.994	0.064	1.00	78	1986	0.23	3.41E-94	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
269-06	1.128	-0.165	0.83	83	1986	17.28	5.52E-33	Upper
269-07	0.992	0.076	0.99	83	1983	0.85	5.20E-80	Lower
269-07	0.954	0.029	1.00	83	1983	0.34	4.74E-95	Middle
269-07	1.112	-0.326	0.69	90	1983	41.92	2.26E-24	Upper
269-08	1.448	-1.112	0.75	140	1952	97.74	6.91E-44	Lower
269-08	1.448	-1.687	0.73	139	1952	111.17	3.13E-40	Middle
269-08	1.359	-1.763	0.72	146	1952	105.30	3.66E-42	Upper
270-01	0.838	0.023	0.90	64	1990	4.70	6.48E-33	Lower
270-01	1.470	-0.732	0.83	64	1987	26.08	9.72E-26	Middle
270-01	1.616	-1.196	0.95	72	1987	8.57	3.60E-48	Upper
270-02	0.827	-0.087	0.87	51	1978	5.87	1.63E-23	Lower
270-02	1.563	-1.296	0.97	53	1978	5.11	2.81E-39	Middle
270-02	1.430	-1.408	0.94	60	1978	8.17	2.36E-37	Upper
270-05	1.316	-0.963	0.58	136	1976	155.30	5.83E-27	Lower
270-05	1.645	-1.390	0.78	136	1976	91.64	5.35E-46	Middle
270-05	1.547	-1.476	0.79	145	1976	82.89	2.66E-50	Upper
271-01	1.472	-1.259	0.56	39	1987	41.82	3.96E-08	Lower
271-01	1.641	-1.761	0.72	40	1987	26.72	4.24E-12	Middle
271-01	1.637	-1.749	0.74	44	1987	26.81	1.07E-13	Upper
272-02	0.735	0.009	0.84	180	1988	13.58	1.54E-72	Lower
272-02	0.740	-0.133	0.86	182	1988	11.76	2.69E-79	Middle
272-02	0.678	-0.292	0.66	186	1988	32.58	1.98E-44	Upper
272-03	0.699	-0.171	0.89	177	1979	10.28	5.09E-86	Lower
272-03	1.495	-1.161	0.92	176	1981	35.29	1.16E-95	Middle
272-03	1.453	-1.402	0.86	187	1979	59.27	5.64E-82	Upper
272-04	1.606	-1.444	0.80	89	1986	56.83	1.33E-32	Middle
272-04	1.496	-1.561	0.79	105	1985	63.09	1.06E-36	Upper
273-03	1.441	-1.816	0.72	7	1983	4.01	1.52E-02	Middle
273-03	1.578	-1.829	0.74	10	1983	5.89	1.41E-03	Upper
274-02	0.744	0.224	0.93	149	1986	4.70	1.06E-86	Lower
274-02	0.877	0.011	0.94	150	1986	5.47	5.04E-93	Middle
274-02	1.195	-0.569	0.61	155	1986	104.03	1.64E-33	Upper
274-30	1.109	-0.694	0.77	30	1987	8.87	2.63E-10	Lower
274-30	1.498	-1.314	0.96	28	1987	2.03	3.27E-19	Middle
274-30	1.398	-1.448	0.98	36	1987	1.24	1.29E-29	Upper
275-02	0.643	-0.130	0.72	103	1991	12.72	5.86E-30	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
275-02	1.558	-1.219	0.93	102	1991	14.10	6.42E-60	Middle
275-02	1.486	-1.305	0.95	109	1991	10.74	2.14E-69	Upper
276-05	1.511	-1.508	0.66	49	1978	47.83	1.23E-12	Lower
276-05	1.535	-1.597	0.71	49	1978	39.89	4.11E-14	Middle
276-05	1.435	-1.711	0.69	55	1978	42.68	3.63E-15	Upper
277-01	0.805	-0.052	0.84	131	1986	13.91	5.80E-53	Lower
277-01	1.237	-0.709	0.78	127	1988	46.77	6.59E-43	Middle
277-01	1.523	-1.308	0.94	139	1988	16.35	5.00E-87	Upper
277-03	1.580	-1.513	0.82	112	1973	74.38	2.56E-43	Lower
277-03	1.594	-1.641	0.87	111	1973	50.81	5.59E-51	Middle
277-03	1.548	-1.692	0.87	118	1973	53.55	1.29E-52	Upper
278-01	0.783	-0.087	0.85	96	1986	7.30	5.47E-41	Lower
278-01	0.733	-0.129	0.81	94	1986	8.35	6.43E-35	Middle
278-01	0.989	-0.617	0.69	102	1986	32.88	6.75E-27	Upper
278-02	1.369	-0.784	0.53	178	1990	228.71	9.41E-31	Middle
278-02	1.882	-1.280	0.81	184	1990	116.31	2.13E-68	Upper
278-03	1.352	-0.683	0.58	121	1986	105.24	2.12E-24	Lower
278-03	1.829	-1.296	0.76	122	1963	89.93	1.50E-38	Middle
278-03	1.724	-1.434	0.74	128	1963	88.68	1.51E-38	Upper
279-01	1.291	-0.388	0.82	91	1973	19.85	4.20E-35	Lower
279-01	1.806	-1.008	0.99	89	1973	2.16	1.02E-84	Middle
279-01	1.668	-1.141	0.97	95	1973	4.28	1.74E-75	Upper
279-04	1.778	-1.304	0.83	184	1976	95.54	4.95E-73	Lower
279-04	1.703	-1.408	0.85	184	1994	78.34	1.51E-76	Middle
279-04	1.613	-1.484	0.85	194	1976	76.28	8.08E-80	Upper
280-01	1.663	-1.322	0.64	40	1985	49.05	5.67E-10	Lower
280-01	1.722	-1.496	0.77	42	1985	30.67	3.39E-14	Middle
280-01	1.516	-1.701	0.76	44	1985	25.54	1.08E-14	Upper
280-02	0.670	0.286	0.82	230	1992	15.43	3.25E-87	Lower
280-02	0.632	0.128	0.80	225	1992	15.14	4.56E-81	Middle
280-03	0.623	0.247	0.74	112	1992	11.10	2.77E-34	Lower
280-03	0.695	0.085	0.74	116	1992	14.04	7.30E-35	Middle
284-01	1.332	-1.562	1.00	38	1984	0.01	8.08E-70	Lower
284-01	1.300	-1.597	1.00	38	1984	0.00	2.56E-81	Middle
284-01	1.285	-1.613	1.00	41	1984	0.04	2.62E-66	Upper
284-02	1.553	-1.657	0.79	68	1981	39.77	2.64E-24	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
284-02	1.517	-1.664	0.80	68	1981	37.55	1.27E-24	Middle
284-02	1.450	-1.745	0.80	74	1981	38.12	1.26E-26	Upper
284-30	1.799	-1.040	0.97	18	1988	1.91	1.30E-13	Lower
284-30	1.842	-0.996	0.98	15	1988	0.83	3.10E-13	Middle
284-30	1.658	-1.177	0.95	23	1988	3.43	2.90E-15	Upper
293-01	0.920	0.044	0.97	149	1986	2.90	1.06E-114	Lower
293-01	0.857	-0.037	0.96	150	1986	3.93	7.89E-102	Middle
293-01	1.136	-0.615	0.55	155	1986	121.79	1.17E-28	Upper
293-02	1.086	-2.103	0.56	128	1955	105.36	1.63E-24	Lower
293-02	0.959	-2.281	0.54	127	1955	87.55	8.22E-23	Middle
293-02	0.930	-2.299	0.58	133	1955	78.51	2.31E-26	Upper
293-03	1.328	-1.564	0.98	16	1955	0.91	1.10E-13	Lower
293-03	1.240	-1.659	0.99	18	1955	0.49	1.52E-17	Middle
293-03	1.159	-1.747	0.99	21	1955	0.25	2.88E-23	Upper
297-01	0.900	-0.547	0.68	57	1980	23.40	3.72E-15	Lower
297-01	1.472	-1.471	0.90	57	1980	15.61	8.62E-29	Middle
297-01	1.374	-1.589	0.88	65	1980	16.74	5.52E-31	Upper
297-03	1.272	-1.838	0.82	15	1958	6.59	3.29E-06	Lower
297-03	1.289	-1.838	0.76	17	1958	9.70	4.59E-06	Middle
297-03	1.207	-1.886	0.80	20	1958	9.06	9.94E-08	Upper
307-02	1.609	-1.164	0.97	85	1991	5.12	5.62E-68	Lower
307-02	1.583	-1.269	0.99	88	1991	1.90	1.48E-87	Middle
307-02	1.508	-1.351	0.99	91	1991	2.41	1.72E-85	Upper
313-01	0.746	-0.136	0.86	81	1987	5.79	2.19E-35	Lower
313-01	0.652	-0.217	0.74	80	1987	9.13	2.11E-24	Middle
313-01	0.679	-0.403	0.60	87	1987	20.39	8.21E-19	Upper
313-02	0.745	-0.153	0.91	182	1985	7.33	2.02E-96	Lower
313-02	0.697	-0.199	0.87	183	1985	9.62	7.57E-82	Middle
313-02	0.683	-0.331	0.73	188	1985	24.09	1.16E-54	Upper
319-01	1.470	-1.393	0.97	75	1976	5.57	1.74E-57	Lower
319-01	1.405	-1.460	0.96	77	1976	8.01	1.29E-52	Middle
319-01	1.317	-1.562	0.97	80	1976	4.91	1.07E-60	Upper
319-30	1.344	-1.358	0.94	42	1963	6.51	5.00E-26	Lower
319-30	1.340	-1.545	0.97	43	1963	2.93	5.89E-34	Middle
319-30	1.262	-1.624	0.95	48	1963	4.92	3.59E-32	Upper
328-03	1.355	-1.531	0.98	44	1956	1.92	8.39E-37	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
328-03	1.299	-1.591	0.97	43	1956	2.69	5.35E-33	Middle
328-03	1.199	-1.698	0.97	50	1956	2.65	2.65E-37	Upper
330-01	0.806	-0.155	0.77	118	1981	21.59	9.55E-39	Lower
330-01	0.885	-0.397	0.60	120	1981	58.51	3.72E-25	Middle
330-01	1.600	-1.239	0.91	126	1981	31.04	2.30E-65	Upper
332-03	1.378	-1.510	0.98	81	1956	4.21	7.28E-73	Lower
332-03	1.298	-1.596	0.98	82	1956	4.07	1.98E-72	Middle
332-03	1.227	-1.674	0.99	86	1956	2.67	2.81E-82	Upper
334-02	1.377	-1.880	0.77	99	1955	72.32	5.87E-33	Lower
334-02	1.315	-1.924	0.77	96	1955	63.43	3.98E-32	Middle
334-02	1.255	-1.985	0.78	105	1965	61.87	1.10E-35	Upper
344-01	1.201	-0.900	0.60	144	1983	143.20	1.16E-29	Middle
344-01	1.614	-1.487	0.86	153	1983	65.23	3.52E-66	Upper
353-01	0.841	-2.308	0.60	46	1963	19.84	3.33E-10	Upper
353-02	0.705	0.049	0.52	143	1991	51.74	3.17E-24	Lower
353-02	0.803	-0.095	0.59	141	1991	51.59	2.48E-28	Middle
353-02	1.549	-0.921	0.74	157	1991	108.60	1.21E-46	Upper
353-03	1.131	-0.537	0.65	76	1978	57.18	1.08E-18	Lower
353-03	1.513	-1.621	0.78	76	1978	54.94	7.85E-26	Middle
353-03	1.473	-1.643	0.78	84	1978	54.99	4.45E-29	Upper
355-01	0.711	-0.166	0.83	90	1975	7.63	2.61E-35	Lower
355-01	1.008	-0.625	0.68	88	1989	35.07	5.08E-23	Middle
355-01	1.462	-1.300	0.92	101	1981	14.73	4.01E-56	Upper
361-03	0.879	-0.337	0.51	71	1980	49.76	3.01E-12	Lower
361-03	1.320	-1.105	0.62	67	1980	67.37	2.01E-15	Middle
361-03	1.627	-1.518	0.82	77	1980	40.77	6.66E-30	Upper
361-04	0.697	-0.219	0.87	135	1980	10.03	8.06E-62	Lower
361-04	1.194	-1.028	0.83	135	1981	43.26	5.62E-53	Middle
361-04	1.369	-1.476	0.94	151	1963	18.09	2.00E-93	Upper
366-01	1.610	-1.413	0.71	186	1993	130.49	1.19E-51	Upper
366-02	0.945	-2.229	0.61	7	1963	3.72	3.83E-02	Upper
377-01	1.618	-1.254	1.00	33	1965	0.07	1.41E-41	Lower
377-01	1.611	-1.261	1.00	32	1965	0.05	6.02E-40	Middle
377-01	1.610	-1.259	0.99	37	1965	0.37	3.14E-38	Upper
377-02	1.350	-1.268	0.71	211	1965	220.95	2.58E-57	Lower
377-02	1.564	-1.675	0.88	213	1965	98.34	1.59E-98	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
377-02	1.444	-1.776	0.88	220	1965	87.40	4.58E-101	Upper
380-01	1.585	-1.225	0.89	40	1985	13.67	4.09E-20	Lower
380-01	1.521	-1.294	0.90	39	1985	11.09	4.23E-20	Middle
380-01	1.429	-1.410	0.93	44	1985	7.79	9.12E-26	Upper
380-02	0.739	0.246	0.86	199	1992	13.49	2.98E-87	Lower
380-02	1.077	-0.219	0.70	199	1992	79.55	2.49E-53	Middle
380-02	1.546	-1.329	0.63	207	1951	227.59	1.17E-46	Upper
380-03	1.494	-0.313	0.75	6	1987	2.46	2.50E-02	Middle
380-03	1.838	-1.463	0.78	16	1994	10.80	6.29E-06	Upper
384-01	0.942	0.058	0.98	260	1984	3.59	5.86E-221	Lower
384-01	1.732	-1.257	0.76	267	1989	186.72	4.46E-85	Upper
384-02	0.872	0.109	0.91	348	1984	19.62	9.51E-182	Lower
384-02	1.859	-1.397	0.80	356	1988	230.40	1.02E-124	Upper
385-03	1.480	-1.174	0.62	117	1975	121.57	4.38E-26	Lower
385-03	1.357	-1.775	0.62	121	1975	106.64	5.49E-27	Middle
385-03	1.286	-1.833	0.62	122	1975	97.02	3.88E-27	Upper
385-04	0.632	-0.084	0.78	29	1974	2.16	1.84E-10	Lower
385-04	1.278	-1.172	0.50	28	1974	30.43	2.47E-05	Middle
385-04	1.589	-1.810	0.74	34	1974	20.40	8.65E-11	Upper
385-05	0.582	0.299	0.56	56	1992	8.82	3.74E-11	Lower
385-05	0.683	0.103	0.52	57	1992	15.36	2.67E-10	Middle
385-05	1.605	-0.978	0.82	62	1992	21.19	1.13E-23	Upper
388-02	1.821	-1.011	0.96	36	1983	6.18	2.03E-25	Lower
388-02	1.726	-1.110	0.94	36	1983	8.20	1.02E-22	Middle
388-02	1.653	-1.187	0.93	41	1983	10.85	9.16E-24	Upper
388-03	1.519	-0.823	0.87	61	1985	28.44	9.82E-28	Lower
388-03	1.644	-1.196	0.95	61	1976	11.28	1.36E-40	Middle
388-03	1.525	-1.315	0.94	69	1976	14.51	1.71E-41	Upper
389-02	1.748	-1.083	0.96	10	1987	1.32	5.42E-07	Lower
389-02	1.782	-1.058	0.97	9	1987	0.82	7.27E-07	Middle
389-02	1.635	-1.196	0.94	13	1987	2.30	3.28E-08	Upper
389-03	0.840	-0.275	0.72	63	1989	14.55	2.08E-18	Lower
389-03	1.584	-1.171	0.91	59	1989	11.98	1.37E-31	Middle
389-03	1.477	-1.317	0.94	69	1989	8.42	1.09E-41	Upper
390-02	1.315	-1.761	0.59	29	1987	23.27	1.00E-06	Lower
390-02	1.445	-1.726	0.69	31	1987	19.73	6.64E-09	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
390-02	1.336	-1.854	0.73	34	1987	17.29	1.34E-10	Upper
390-03	1.727	-1.110	0.98	23	1987	1.29	5.03E-20	Lower
390-03	1.694	-1.142	0.98	21	1987	1.55	6.76E-17	Middle
390-03	1.583	-1.263	0.96	27	1987	3.20	1.22E-18	Upper
391-01	0.567	0.386	0.68	59	1993	5.10	6.98E-16	Lower
391-02	0.923	0.020	0.97	16	1982	0.26	2.62E-12	Lower
391-02	0.859	-0.066	1.00	12	1982	0.02	4.90E-14	Middle
391-02	0.917	-0.310	0.74	20	1982	3.84	1.02E-06	Upper
392-01	1.520	-1.259	0.94	101	1989	19.38	3.99E-64	Lower
392-01	1.468	-1.370	0.94	101	1978	19.42	1.02E-62	Middle
392-01	1.414	-1.412	0.92	113	1959	25.09	4.57E-64	Upper
392-03	1.655	-1.195	0.96	7	1981	1.13	1.31E-04	Lower
392-03	1.794	-1.064	1.00	8	1981	0.00	2.51E-15	Middle
392-03	1.566	-1.287	0.95	10	1981	1.83	2.38E-06	Upper
393-01	0.927	-0.274	0.78	65	1981	18.57	4.15E-22	Lower
393-01	1.579	-1.266	0.94	67	1981	12.17	1.05E-41	Middle
393-01	1.459	-1.402	0.95	70	1981	8.44	1.09E-46	Upper
393-02	0.730	0.228	0.72	55	1991	7.73	2.65E-16	Lower
393-02	0.695	0.206	0.66	51	1991	8.56	4.21E-13	Middle
393-02	0.711	0.022	0.53	61	1991	18.68	3.80E-11	Upper
393-03	0.954	-0.261	0.74	105	1995	22.51	3.36E-32	Lower
393-03	1.671	-1.511	0.72	108	1987	75.45	1.76E-31	Middle
393-03	1.574	-1.657	0.72	113	1995	75.50	4.52E-32	Upper
395-01	1.034	-0.348	0.77	80	1981	26.35	1.45E-26	Lower
395-01	1.620	-1.214	0.95	82	1981	11.22	1.04E-54	Middle
395-01	1.507	-1.350	0.97	86	1981	6.62	2.50E-64	Upper
395-02	1.670	-1.181	0.96	11	1976	1.85	1.65E-07	Lower
395-02	1.733	-1.121	0.98	11	1976	1.08	9.12E-09	Middle
395-02	1.494	-1.370	0.92	16	1976	3.96	4.44E-09	Upper
395-03	1.745	-1.121	0.98	8	1976	0.56	1.55E-06	Lower
395-03	1.532	-1.335	0.94	8	1976	1.75	8.08E-05	Middle
395-03	1.481	-1.384	0.91	14	1976	3.76	1.50E-07	Upper
395-04	1.804	-1.057	0.99	8	1976	0.23	9.23E-08	Lower
395-04	1.769	-1.093	1.00	9	1976	0.11	3.25E-10	Middle
395-04	1.579	-1.293	0.96	12	1976	1.71	3.72E-08	Upper
397-03	1.651	-0.734	0.63	7	1982	7.02	3.34E-02	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
397-03	1.674	-1.194	1.00	7	1982	0.01	4.08E-10	Middle
397-03	1.658	-1.028	0.86	14	1982	5.98	1.71E-06	Upper
397-05	0.866	-0.038	0.91	36	1986	2.43	2.65E-19	Lower
397-05	0.809	-0.091	0.86	39	1986	3.87	3.28E-17	Middle
397-05	0.880	-0.366	0.70	41	1986	12.42	1.28E-11	Upper
400-30	0.611	0.170	0.71	55	1989	7.02	7.10E-16	Lower
400-30	1.241	-0.579	0.71	53	1989	29.11	3.22E-15	Middle
400-30	1.620	-1.141	0.90	61	1989	14.89	6.02E-31	Upper
401-02	1.769	-0.923	0.88	62	1992	17.94	1.39E-29	Lower
401-02	1.699	-1.004	0.88	61	1992	15.75	4.97E-29	Middle
401-02	1.611	-1.114	0.88	67	1992	16.26	9.54E-32	Upper
412-02	1.718	-1.562	0.58	22	1993	28.07	3.89E-05	Middle
412-02	1.640	-1.660	0.61	27	1993	28.87	1.65E-06	Upper
414-02	1.666	-1.198	1.00	91	1991	0.43	7.20E-123	Lower
414-02	1.590	-1.277	1.00	92	1991	0.34	7.45E-127	Middle
414-02	1.484	-1.387	0.99	96	1991	1.07	3.62E-107	Upper
414-03	1.548	-1.551	0.74	49	1991	37.28	2.48E-15	Lower
414-03	1.458	-1.690	0.74	50	1991	34.66	1.48E-15	Middle
414-03	1.388	-1.789	0.72	55	2001	37.48	4.06E-16	Upper
428-01	1.644	-1.233	0.79	181	1982	113.68	1.84E-63	Middle
428-01	1.582	-1.435	0.82	189	1997	92.33	1.91E-71	Upper
432-01	1.670	-1.258	0.62	157	2003	185.89	2.06E-34	Lower
432-01	1.639	-1.498	0.62	156	2003	177.83	2.26E-34	Middle
432-01	1.529	-1.631	0.63	165	2000	156.41	5.95E-37	Upper
830-08	1.685	-1.523	0.80	57	1988	35.02	1.19E-20	Lower
830-08	1.599	-1.572	0.81	56	1988	29.11	4.03E-21	Middle
830-08	1.563	-1.632	0.79	62	1988	32.94	3.05E-22	Upper
831-07	1.499	-1.372	0.98	33	1978	1.95	3.19E-27	Lower
831-07	1.428	-1.449	0.98	32	1978	1.79	9.73E-26	Middle
831-07	1.346	-1.539	0.98	37	1978	1.51	1.15E-31	Upper
831-19	0.873	-0.057	1.00	3	1978	0.00	1.67E-02	Lower
831-19	1.678	-1.186	1.00	5	1978	0.08	1.27E-04	Middle
831-19	1.575	-1.296	0.99	6	1978	0.23	6.11E-05	Upper
832-13	1.519	-1.866	0.61	17	1963	18.20	2.35E-04	Lower
832-13	1.573	-1.812	0.64	16	1963	14.81	1.85E-04	Middle
832-13	1.464	-1.893	0.62	22	1963	20.00	1.41E-05	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
832-14	1.825	-1.018	0.99	10	1981	0.17	3.45E-10	Lower
832-14	1.743	-1.119	1.00	8	1981	0.00	1.92E-18	Middle
832-14	1.705	-1.135	0.98	14	1981	0.57	4.13E-12	Upper
832-29	1.291	-1.102	0.86	73	1988	19.21	3.79E-32	Lower
832-29	1.451	-1.401	0.97	71	1988	3.80	1.56E-56	Middle
832-29	1.391	-1.475	0.99	79	1988	1.72	3.12E-76	Upper
834-07	1.620	-1.392	0.79	173	1976	103.87	7.74E-60	Middle
834-07	1.511	-1.488	0.80	181	1986	92.32	9.16E-64	Upper
837-06	1.067	-0.248	0.76	31	1974	10.57	2.25E-10	Lower
837-06	1.704	-1.060	0.96	30	1974	3.64	7.71E-21	Middle
837-06	1.556	-1.196	0.94	38	1983	5.19	4.55E-24	Upper
837-15	1.289	-1.445	0.66	76	1950	68.19	7.65E-19	Lower
837-15	1.341	-1.705	0.80	80	1959	40.76	5.67E-29	Middle
837-15	1.249	-1.770	0.80	85	1959	37.89	1.27E-30	Upper
839-15	1.302	-1.191	0.91	18	1979	3.32	5.86E-10	Lower
839-15	1.433	-1.450	1.00	16	1979	0.09	1.93E-19	Middle
839-15	1.343	-1.429	0.93	25	1979	3.32	4.85E-15	Upper
839-16	1.460	-1.312	0.98	89	1981	4.40	2.13E-72	Lower
839-16	1.453	-1.421	0.99	91	1981	1.46	5.64E-95	Middle
839-16	1.370	-1.509	0.99	95	1981	2.14	4.26E-90	Upper
839-17	1.187	-1.719	1.00	10	1959	0.02	3.71E-14	Lower
839-17	1.160	-1.748	1.00	11	1959	0.02	3.04E-15	Middle
839-17	1.126	-1.785	1.00	17	1959	0.02	2.54E-25	Upper
840-35	1.362	-0.670	0.81	84	1979	36.96	2.40E-31	Lower
840-35	1.737	-1.125	1.00	83	1979	0.42	1.51E-114	Middle
840-35	1.668	-1.192	1.00	90	1979	1.19	4.99E-104	Upper
840-36	0.921	0.297	1.00	6	1984	0.02	7.69E-06	Lower
840-36	0.921	0.296	1.00	5	1984	0.02	7.86E-05	Middle
840-36	1.352	-0.862	0.83	10	1984	3.78	2.57E-04	Upper
840-43	1.370	-1.518	0.99	33	1951	0.87	1.30E-32	Lower
840-43	1.306	-1.583	0.98	32	1951	1.54	1.10E-26	Middle
840-43	1.266	-1.626	0.97	39	1951	2.54	5.38E-30	Upper
843-02	0.654	-0.250	0.80	7	1982	0.83	6.68E-03	Lower
843-02	0.606	-0.287	0.72	7	1982	1.13	1.60E-02	Middle
843-02	1.104	-1.089	0.77	12	1982	4.48	1.79E-04	Upper
845-02	1.478	-1.380	0.97	77	1979	5.94	8.20E-58	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
845-02	1.411	-1.457	0.97	78	1974	4.70	7.39E-61	Middle
845-02	1.323	-1.555	0.97	85	1979	4.30	8.37E-67	Upper
847-02	0.901	-0.028	1.00	33	1980	0.00	2.61E-59	Lower
847-02	1.524	-0.748	0.82	35	1982	19.53	1.06E-13	Middle
847-02	1.802	-1.054	1.00	38	1980	0.11	4.87E-57	Upper
849-21	1.629	-1.236	0.98	4	1971	0.27	1.07E-02	Lower
849-21	1.478	-1.390	0.95	5	1971	0.53	4.12E-03	Middle
849-21	1.374	-1.485	0.90	9	1971	2.05	9.09E-05	Upper
849-23	1.632	-1.211	0.97	37	1984	3.04	2.04E-28	Lower
849-23	1.558	-1.294	0.97	36	1984	3.31	1.02E-26	Middle
849-23	1.435	-1.420	0.96	43	1984	3.77	5.72E-30	Upper
849-26	0.461	-0.120	0.54	8	1986	0.93	3.79E-02	Upper
849-35	0.825	-0.047	0.79	54	1986	7.99	2.20E-19	Lower
849-35	0.826	-0.199	0.74	54	1986	11.15	5.30E-17	Middle
849-35	1.534	-1.272	0.92	60	1986	9.61	5.27E-34	Upper
849-44	1.457	-0.735	0.82	7	1987	3.45	4.66E-03	Lower
849-44	1.693	-1.173	1.00	7	1987	0.03	1.77E-08	Middle
849-44	1.504	-1.348	0.97	11	1987	0.79	3.47E-08	Upper
852-26	0.785	-0.102	0.98	11	1963	0.15	3.66E-09	Lower
852-26	1.606	-1.086	0.94	11	1963	2.16	7.88E-07	Middle
852-26	1.473	-1.732	0.77	17	1963	12.55	4.34E-06	Upper
852-27	1.426	-1.930	0.61	7	1995	6.39	3.81E-02	Middle
852-27	1.254	-2.065	0.56	12	1995	10.81	5.36E-03	Upper
853-27	1.521	-1.333	0.96	161	1977	12.06	2.82E-115	Lower
853-27	1.480	-1.379	0.97	163	1977	9.22	5.21E-125	Middle
853-27	1.414	-1.445	0.96	167	1977	10.56	2.34E-120	Upper
853-33	1.618	-1.611	0.86	11	1982	4.85	3.90E-05	Lower
853-33	1.470	-1.642	0.89	8	1982	2.42	4.29E-04	Middle
853-33	1.524	-1.739	0.86	17	1982	6.48	8.80E-08	Upper
855-08	0.847	-0.114	0.99	4	1979	0.03	4.98E-03	Lower
855-08	1.429	-1.697	0.79	6	1979	3.80	1.84E-02	Middle
855-08	1.559	-1.769	0.74	9	1979	7.92	2.92E-03	Upper
857-22	0.596	0.314	0.58	50	1992	7.48	1.19E-10	Lower
857-22	0.543	0.252	0.54	48	1992	7.28	2.36E-09	Middle
859-09	0.891	0.007	0.96	200	1993	5.64	1.35E-138	Lower
859-09	1.447	-0.937	0.71	209	1981	143.87	1.76E-57	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
859-10	0.732	-0.148	0.97	54	1951	1.30	7.21E-40	Lower
859-10	1.424	-1.214	0.91	53	1951	13.85	2.72E-28	Middle
859-10	1.316	-1.319	0.89	59	1951	16.77	1.67E-28	Upper
859-18	0.871	0.124	0.92	92	1981	4.57	2.07E-51	Lower
859-18	1.824	-0.861	0.89	89	1981	27.05	1.84E-43	Middle
859-18	1.167	-2.001	0.55	98	1981	85.54	1.86E-18	Upper
860-08	1.190	-0.927	0.85	140	1987	32.65	2.62E-59	Lower
860-08	1.427	-1.389	0.95	143	1973	13.78	2.20E-94	Middle
860-08	1.333	-1.488	0.94	156	1973	17.43	1.54E-93	Upper
861-01	1.305	-1.251	0.90	14	1979	3.82	2.32E-07	Lower
861-01	1.377	-1.502	0.97	14	1979	1.05	8.57E-11	Middle
861-01	1.324	-1.562	0.98	20	1979	0.86	3.89E-17	Upper
861-02	1.495	-1.676	0.69	19	1986	16.91	9.26E-06	Lower
861-02	1.493	-1.636	0.72	22	1986	16.89	5.31E-07	Middle
861-02	1.401	-1.772	0.70	24	1986	18.12	4.07E-07	Upper
861-03	1.350	-1.534	0.98	26	1964	1.06	1.65E-22	Lower
861-03	1.311	-1.576	0.98	25	1964	1.27	7.00E-21	Middle
861-03	1.218	-1.676	0.98	31	1964	1.36	3.72E-25	Upper
862-20	0.794	-0.193	0.64	147	1962	56.64	2.73E-34	Lower
862-20	1.487	-1.114	0.84	142	1962	65.63	8.35E-58	Middle
862-20	1.449	-1.530	0.80	155	1962	85.91	4.76E-56	Upper
863-02	1.476	-1.397	0.99	98	1986	2.04	9.26E-101	Lower
863-02	1.380	-1.503	1.00	100	1986	0.90	9.21E-118	Middle
863-02	1.331	-1.556	1.00	103	1986	0.70	1.65E-125	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-12	1.401	-0.601	0.64	16	1976	16.34	2.13E-04	Lower
450-12	1.678	-1.269	0.92	15	1976	3.28	2.42E-08	Middle
450-12	1.509	-1.500	0.88	19	1976	5.20	2.68E-09	Upper
450-18	2.086	-1.360	0.61	96	1988	183.11	6.50E-21	Lower
450-18	1.987	-1.408	0.63	97	1984	153.60	1.89E-22	Middle
450-18	1.827	-1.589	0.63	106	1984	145.43	6.82E-24	Upper
450-34	0.852	0.486	0.91	10	1989	0.52	1.77E-05	Lower
450-34	1.629	-0.498	0.80	12	1989	6.53	9.18E-05	Middle
450-34	1.559	-1.500	0.63	16	1989	18.21	2.47E-04	Upper
450-36	0.750	0.746	0.93	12	1990	0.40	3.48E-07	Lower
450-36	1.519	-0.072	0.70	12	1990	10.49	6.65E-04	Middle
450-36	2.071	-1.065	0.80	18	1990	15.56	4.86E-07	Upper
450-43	0.720	0.615	0.94	20	1993	0.57	2.09E-12	Lower
450-43	0.672	0.465	0.76	24	1993	2.43	2.59E-08	Middle
450-43	0.740	0.105	0.51	30	1991	11.84	9.77E-06	Upper
450-90	1.407	-1.789	0.51	77	1977	81.32	3.19E-13	Middle
450-90	1.455	-1.746	0.61	89	1990	78.68	1.59E-19	Upper
450-91	1.340	-1.727	0.54	103	1989	80.30	9.34E-19	Middle
450-91	1.208	-1.864	0.54	107	1989	71.51	1.85E-19	Upper
451-06	1.578	-1.492	0.59	227	1993	242.09	6.09E-46	Middle
451-06	1.412	-1.658	0.59	235	1993	203.71	3.93E-47	Upper
451-07	0.973	0.090	0.74	38	1998	6.51	4.77E-12	Lower
451-08	1.530	-1.193	0.57	350	1975	496.87	3.90E-66	Lower
451-08	1.656	-1.558	0.77	351	1975	231.62	1.01E-113	Middle
451-08	1.501	-1.698	0.77	358	1975	197.31	6.41E-115	Upper
452-90	1.658	-1.849	0.72	9	1987	7.70	3.78E-03	Upper
455-01	1.911	-0.918	0.99	75	1979	2.63	7.66E-73	Lower
455-01	1.674	-1.181	0.99	74	1979	1.91	1.33E-72	Middle
455-01	1.469	-1.400	0.99	80	1979	1.80	3.81E-76	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-11	1.403	-1.719	0.64	87	1975	61.95	1.59E-20	Lower
450-11	1.404	-1.783	0.67	87	1975	54.61	2.51E-22	Middle
450-11	1.377	-1.805	0.67	91	1976	55.16	2.40E-23	Upper
450-12	1.634	-1.315	0.93	17	1976	3.13	3.25E-10	Lower
450-12	1.518	-1.434	0.93	17	1976	2.66	2.90E-10	Middle
450-12	1.440	-1.569	0.89	20	1976	4.59	3.35E-10	Upper
450-15	1.250	-1.928	0.66	7	1981	3.66	2.55E-02	Upper
450-34	1.624	-1.525	0.61	13	1989	16.75	1.73E-03	Middle
450-34	1.443	-1.724	0.55	15	1989	17.54	1.55E-03	Upper
450-36	1.576	-1.475	0.64	10	1990	6.81	5.37E-03	Middle
450-36	1.698	-1.429	0.74	15	1990	9.66	3.49E-05	Upper
450-43	1.316	-1.775	0.58	13	1991	12.40	2.60E-03	Lower
450-43	1.450	-1.695	0.67	14	1991	12.78	3.55E-04	Middle
450-43	1.438	-1.686	0.67	20	1993	16.52	9.04E-06	Upper
450-90	1.617	-1.584	0.69	109	1990	88.58	4.63E-29	Upper
450-91	1.563	-1.507	0.68	118	1989	87.21	2.02E-30	Middle
450-91	1.434	-1.641	0.65	121	1989	85.22	3.54E-29	Upper
451-01	1.506	-1.701	0.58	214	1991	191.06	2.10E-41	Middle
451-01	1.515	-1.699	0.59	223	1991	195.00	3.47E-45	Upper
451-08	1.657	-1.496	0.75	378	1975	270.71	1.08E-113	Middle
451-08	1.528	-1.603	0.72	385	1975	263.63	1.15E-108	Upper
455-01	0.754	-0.147	0.97	98	1979	1.26	5.66E-72	Lower
455-01	0.709	-0.182	0.95	98	1979	1.79	1.35E-62	Middle
455-01	0.676	-0.306	0.77	104	1979	8.76	1.01E-34	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
455-01	1.029	0.021	0.77	54	1979	16.93	3.10E-18	Lower
455-01	1.639	-1.166	0.95	55	1979	8.13	2.17E-35	Middle
455-01	1.491	-1.333	0.95	59	1979	6.44	2.81E-39	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-04	1.748	-1.495	0.68	162	1993	138.81	8.39E-42	Middle
450-04	1.615	-1.617	0.69	167	1996	123.13	2.74E-43	Upper
450-05	1.782	-0.788	0.88	123	1991	37.16	1.02E-57	Lower
450-05	1.710	-1.142	0.99	123	1990	2.26	3.87E-126	Middle
450-05	1.452	-1.423	0.99	126	1990	2.53	4.40E-118	Upper
450-08	0.713	0.560	0.73	479	1998	69.63	2.81E-137	Lower
450-08	1.201	-0.294	0.69	478	1974	231.57	1.28E-124	Middle
450-08	1.348	-1.757	0.59	485	1974	465.40	1.91E-96	Upper
450-11	0.767	0.355	0.85	136	1975	10.70	3.73E-56	Lower
450-11	0.853	-0.080	0.91	133	1975	6.73	2.91E-71	Middle
450-11	1.658	-1.302	0.72	144	1976	112.24	7.71E-41	Upper
450-12	0.966	0.222	0.93	19	1976	1.30	2.13E-11	Lower
450-12	0.930	-0.133	0.67	20	1976	8.66	9.75E-06	Middle
450-12	1.208	-0.629	0.58	22	1976	22.61	3.75E-05	Upper
450-15	0.892	0.566	0.91	12	1981	1.05	1.49E-06	Lower
450-15	1.101	0.275	0.96	13	1981	0.67	3.88E-09	Middle
450-15	1.282	-0.409	0.61	19	1981	21.66	8.21E-05	Upper
450-18	0.773	0.557	0.85	124	1968	8.86	2.20E-51	Lower
450-18	1.893	-1.072	0.64	135	1984	173.54	1.55E-31	Upper
450-34	0.723	0.902	0.86	15	1989	1.12	7.60E-07	Lower
450-34	0.908	0.596	0.91	15	1989	0.94	3.77E-08	Middle
450-36	0.666	0.672	0.86	17	1990	1.08	9.61E-08	Lower
450-36	0.771	0.343	0.90	18	1990	1.08	2.80E-09	Middle
450-36	0.963	-0.064	0.74	24	1990	5.99	5.98E-08	Upper
450-43	0.757	0.663	0.91	29	1993	1.09	7.92E-16	Lower
450-43	0.792	0.535	0.90	27	1993	1.13	2.82E-14	Middle
450-43	0.844	0.297	0.90	40	1993	1.84	5.45E-21	Upper
450-90	0.636	0.826	0.78	127	1977	9.91	6.48E-43	Lower
450-90	1.310	-0.575	0.52	138	1990	145.96	1.27E-23	Upper
450-91	0.764	0.633	0.81	223	1989	20.58	1.26E-81	Lower
450-91	0.848	0.194	0.93	228	1989	8.11	3.53E-133	Middle
450-91	1.122	-0.420	0.60	234	1991	131.58	8.51E-48	Upper
451-01	0.979	0.452	0.95	322	1991	9.78	2.14E-212	Lower
451-01	1.662	-1.583	0.74	329	1991	202.74	1.33E-96	Upper
451-03	0.535	0.472	0.59	312	1994	39.29	1.18E-62	Lower
451-03	1.292	-0.359	0.62	313	1994	206.67	2.43E-67	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
451-03	1.488	-1.236	0.64	318	1994	258.27	1.85E-71	Upper
451-04	1.291	-0.409	0.71	217	1998	100.20	3.86E-60	Lower
451-04	1.641	-1.271	0.85	215	1998	70.65	1.73E-89	Middle
451-04	1.337	-1.801	0.65	227	1998	145.69	7.42E-54	Upper
451-05	1.047	0.476	0.83	404	1993	46.20	3.13E-159	Lower
451-05	1.630	-1.287	0.63	402	1997	337.69	2.41E-87	Middle
451-06	0.889	0.217	0.89	325	1993	18.58	1.48E-159	Lower
451-06	0.859	-0.107	0.81	322	1993	33.65	2.57E-118	Middle
451-06	1.806	-1.113	0.87	334	1993	100.58	1.81E-148	Upper
451-07	0.759	0.225	0.90	72	1998	2.82	2.38E-36	Lower
451-07	0.827	-0.041	0.94	74	1998	1.95	5.84E-45	Middle
451-07	1.396	-1.179	0.58	81	1998	66.84	1.77E-16	Upper
451-08	1.581	-0.934	0.62	462	1975	549.97	1.52E-97	Middle
451-08	1.813	-1.318	0.79	476	1975	307.08	4.85E-165	Upper
452-90	2.256	-1.395	0.77	7	1987	6.39	9.38E-03	Lower
452-90	0.526	0.780	0.66	7	1990	0.00	2.64E-02	Middle
452-90	2.145	-1.468	0.76	13	1987	11.95	1.01E-04	Upper
454-03	0.691	0.321	0.74	50	1999	4.63	1.73E-15	Lower
454-03	1.296	-0.469	0.71	49	1970	18.47	3.78E-14	Middle
454-03	1.490	-1.838	0.67	54	1999	32.35	4.88E-14	Upper
455-01	0.910	0.269	0.97	154	1979	2.09	1.12E-112	Lower
455-01	0.938	0.055	0.98	152	1979	1.22	4.91E-130	Middle
455-01	0.834	-0.048	0.93	160	1979	3.98	4.27E-92	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-08	0.746	0.468	0.74	412	1998	62.66	1.60E-123	Lower
450-08	0.854	0.047	0.87	412	1974	34.35	1.23E-186	Middle
450-08	1.249	-1.525	0.51	417	1974	492.28	4.22E-67	Upper
450-11	1.503	-1.126	0.59	106	1975	124.92	4.41E-22	Lower
450-11	1.658	-1.559	0.77	104	1975	65.81	2.17E-34	Middle
450-11	1.618	-1.586	0.77	113	1976	66.67	2.36E-37	Upper
450-12	1.419	-0.773	0.72	19	1976	14.85	3.98E-06	Lower
450-12	1.777	-1.167	0.95	20	1976	3.55	5.21E-13	Middle
450-12	1.703	-1.307	0.91	22	1976	6.34	8.41E-12	Upper
450-15	1.482	-1.511	0.80	9	1979	2.80	1.12E-03	Lower
450-15	1.413	-1.559	0.67	8	1981	2.98	1.28E-02	Middle
450-15	1.503	-1.540	0.84	14	1981	5.54	4.62E-06	Upper
450-18	1.913	-0.845	0.59	116	1984	190.99	7.45E-24	Middle
450-18	1.869	-1.122	0.62	126	1984	170.77	7.42E-28	Upper
450-34	1.642	-1.568	0.64	13	1989	15.52	1.10E-03	Middle
450-34	1.423	-1.747	0.60	16	1989	16.38	4.13E-04	Upper
450-36	1.916	-1.215	0.85	13	1990	7.63	7.38E-06	Middle
450-36	1.925	-1.188	0.80	20	1990	14.03	8.82E-08	Upper
450-43	1.188	0.363	0.97	19	1991	0.56	1.87E-14	Lower
450-43	1.086	0.151	0.98	20	1993	0.36	3.35E-16	Middle
450-43	1.782	-0.545	0.89	25	1993	6.65	1.82E-12	Upper
450-90	1.668	-1.577	0.70	98	1990	84.11	5.87E-27	Middle
450-90	1.532	-1.686	0.68	101	1990	78.72	1.78E-26	Upper
450-91	0.904	0.326	0.84	160	1989	17.84	2.79E-64	Lower
450-91	1.670	-0.787	0.70	160	1991	138.47	1.30E-42	Middle
450-91	1.709	-1.367	0.77	170	1991	106.13	4.08E-55	Upper
451-01	0.847	0.560	0.77	269	1991	35.45	7.96E-87	Lower
451-01	1.763	-1.492	0.71	275	1991	218.59	1.47E-74	Upper
451-03	1.777	-1.012	0.71	317	1994	242.58	4.39E-87	Upper
451-04	0.847	0.418	0.89	191	1998	10.85	8.47E-92	Lower
451-04	0.853	0.109	0.90	188	1998	9.17	2.05E-96	Middle
451-04	1.345	-0.902	0.55	199	1998	184.21	4.68E-36	Upper
451-06	1.552	-0.401	0.54	247	1993	271.22	8.88E-44	Upper
451-07	0.881	0.241	0.91	53	1998	2.34	1.14E-28	Lower
451-07	0.946	-0.150	0.76	55	1998	9.28	6.93E-18	Middle
451-07	1.518	-1.413	0.63	60	1998	46.77	2.75E-14	Upper

$$\mathrm{RTI} = 10^{b} \cdot \left(\mathrm{SA}\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
451-08	1.693	-0.952	0.64	459	1975	566.16	3.78E-103	Middle
451-08	1.849	-1.332	0.79	470	1975	318.59	5.81E-162	Upper
455-01	1.070	0.163	0.95	117	1979	3.53	2.56E-78	Lower
455-01	1.794	-0.892	0.96	117	1979	7.44	3.34E-85	Middle
455-01	1.613	-1.131	0.90	122	1979	19.54	2.28E-61	Upper

$$TCI = 10^{b} \cdot \left(SA\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-11	1.203	-1.957	0.56	79	1975	48.43	3.02E-15	Middle
450-11	1.228	-1.934	0.58	84	1976	50.52	2.66E-17	Upper
450-12	1.365	-1.592	0.77	12	1976	2.56	1.67E-04	Middle
450-12	1.072	-1.934	0.63	14	1976	3.59	6.72E-04	Upper
450-15	1.468	-1.741	0.66	7	1981	5.05	2.55E-02	Upper
450-18	1.180	-2.093	0.53	85	1984	73.67	3.09E-15	Upper
450-34	1.047	-0.160	0.70	11	1989	3.98	1.39E-03	Lower
450-34	1.653	-1.369	0.70	13	1989	11.54	3.79E-04	Middle
450-34	1.521	-1.672	0.62	17	1989	17.79	1.72E-04	Upper
450-36	1.131	-1.954	0.65	9	1990	3.44	8.44E-03	Lower
450-36	1.120	-1.964	0.65	9	1990	3.37	8.44E-03	Middle
450-36	1.323	-1.786	0.71	13	1990	6.64	3.29E-04	Upper
450-43	1.013	-2.078	0.53	12	1991	7.78	6.99E-03	Lower
450-43	1.258	-1.855	0.62	13	1991	10.15	1.45E-03	Middle
450-43	1.345	-1.758	0.67	20	1993	14.92	1.12E-05	Upper
450-90	1.631	-1.304	0.69	102	1990	83.78	2.01E-27	Middle
450-90	1.546	-1.640	0.70	112	1990	81.40	1.57E-30	Upper
450-91	1.568	-1.503	0.79	153	1989	80.68	2.87E-52	Middle
450-91	1.522	-1.558	0.77	158	1989	82.68	4.54E-52	Upper
451-01	1.890	-1.367	0.66	244	1991	279.05	4.29E-58	Middle
451-01	1.667	-1.569	0.67	251	1991	213.35	1.72E-61	Upper
451-04	1.290	-1.839	0.56	160	1998	148.10	7.22E-30	Lower
451-04	1.276	-1.862	0.56	162	1997	145.65	2.30E-30	Middle
451-04	1.263	-1.872	0.56	167	1998	145.66	1.84E-31	Upper
451-06	1.538	-1.520	0.62	243	1993	219.63	8.80E-53	Lower
451-06	1.440	-1.610	0.62	243	1993	194.35	1.85E-52	Middle
451-06	1.398	-1.661	0.62	250	1993	193.49	2.29E-53	Upper
451-08	1.631	-1.489	0.74	360	1975	280.74	1.23E-105	Lower
451-08	1.533	-1.657	0.78	361	1975	198.06	2.76E-119	Middle
451-08	1.443	-1.739	0.77	366	1975	183.44	5.78E-119	Upper
452-90	1.767	-1.758	0.76	6	1987	3.94	2.27E-02	Lower
452-90	1.615	-1.872	0.76	11	1987	6.70	5.00E-04	Upper
455-01	1.271	-0.735	0.78	139	1979	30.74	2.20E-47	Lower
455-01	1.493	-1.225	0.91	141	1979	14.41	4.53E-76	Middle
455-01	1.411	-1.308	0.91	145	1979	14.89	1.43E-75	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-04	2.341	-1.069	0.67	30	1955	36.90	3.94E-08	Lower
001-04	2.216	-1.142	0.64	29	1955	35.40	1.63E-07	Middle
001-04	1.997	-1.335	0.63	35	1955	37.81	1.08E-08	Upper
001-08	1.069	0.406	0.94	11	1947	0.39	7.28E-07	Lower
002-01	1.889	-0.951	0.99	25	1951	1.03	2.47E-24	Lower
002-01	1.693	-1.162	0.99	26	1951	1.17	6.83E-24	Middle
006-02	1.628	-0.559	0.64	35	1971	38.16	7.29E-09	Lower
006-02	2.077	-1.484	0.82	36	1976	25.18	3.88E-14	Middle
006-02	1.800	-1.689	0.81	39	1976	21.88	6.26E-15	Upper
007-01	2.250	-1.289	0.72	47	1971	49.43	5.05E-14	Lower
007-01	2.146	-1.381	0.73	44	1971	38.40	1.75E-13	Middle
007-01	1.839	-1.587	0.70	53	1947	40.68	4.89E-15	Upper
007-02	1.649	-1.064	0.75	21	1960	17.46	3.89E-07	Lower
007-02	1.612	-1.482	0.78	22	1969	11.77	6.13E-08	Middle
008-01	1.140	0.299	0.69	93	1952	28.95	8.23E-25	Lower
008-02	1.909	-1.346	0.83	146	1954	102.74	1.38E-57	Middle
008-02	1.769	-1.463	0.82	154	1954	101.05	1.84E-58	Upper
008-03	1.839	-1.015	1.00	74	1954	0.10	2.27E-107	Lower
008-03	1.715	-1.150	1.00	72	1954	0.04	5.91E-114	Middle
008-03	1.611	-1.259	0.99	79	1954	0.54	9.12E-89	Upper
008-04	1.929	-1.413	0.87	32	1972	20.38	1.29E-14	Lower
008-04	1.855	-1.452	0.86	34	1972	20.88	4.12E-15	Middle
008-04	1.726	-1.568	0.85	42	1972	22.72	4.33E-18	Upper
008-09	0.903	0.117	0.94	16	1958	1.05	4.55E-10	Lower
008-09	1.194	-0.262	0.79	14	1973	6.11	1.87E-05	Middle
008-09	1.606	-1.193	0.96	27	1958	3.70	1.39E-18	Upper
011-01	1.788	-0.388	0.71	75	1947	79.71	3.75E-21	Middle
011-01	1.603	-1.529	0.72	89	1982	77.07	1.13E-25	Upper
011-02	1.404	-1.045	0.83	75	2002	45.06	1.85E-29	Lower
011-02	1.406	-1.504	0.93	77	1949	15.40	5.40E-46	Middle
012-13	1.647	-1.205	0.82	75	1972	48.02	3.21E-29	Lower
012-13	1.547	-1.475	0.87	74	1972	29.36	3.77E-33	Middle
013-04	1.868	-0.984	0.99	11	1959	0.28	6.64E-10	Lower
013-04	1.667	-1.201	1.00	10	1965	0.00	2.89E-127	Middle
013-04	1.557	-1.318	1.00	14	1965	0.11	6.70E-16	Upper
013-06	1.701	-1.158	0.99	12	1962	0.63	1.08E-10	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
013-06	1.501	-1.376	0.99	15	1962	0.34	2.64E-15	Middle
014-02	2.015	-0.818	0.99	17	1972	0.64	4.80E-17	Lower
014-02	1.985	-0.821	0.98	18	1972	1.33	4.66E-15	Middle
014-02	1.785	-1.024	0.93	29	1972	5.69	2.29E-17	Upper
014-04	0.867	0.161	0.96	24	1972	0.79	4.53E-17	Lower
014-04	1.618	-0.984	0.93	21	2003	5.16	3.37E-12	Middle
014-04	1.579	-1.440	0.86	31	1972	12.61	5.88E-14	Upper
015-02	1.593	-0.781	0.67	18	1956	12.01	3.14E-05	Lower
015-02	1.694	-1.172	1.00	19	1956	0.06	2.23E-24	Middle
015-02	1.502	-1.379	0.99	22	1956	0.62	1.89E-20	Upper
015-05	1.940	-1.085	0.86	51	1972	30.61	2.30E-22	Lower
015-05	1.831	-1.224	0.84	55	1972	33.63	1.22E-22	Middle
015-05	1.620	-1.440	0.85	61	1977	26.50	1.33E-25	Upper
015-06	1.702	-1.249	0.51	96	2004	192.60	2.88E-16	Lower
015-06	1.665	-1.761	0.64	95	2004	105.51	1.67E-22	Middle
015-06	1.512	-1.898	0.66	102	1974	86.71	3.71E-25	Upper
015-07	1.984	-1.239	0.77	163	1959	166.97	3.76E-53	Lower
015-07	1.839	-1.367	0.77	165	1972	143.33	2.83E-54	Middle
015-07	1.625	-1.567	0.77	170	1972	118.47	8.84E-55	Upper
016-01	1.850	-1.060	0.76	86	1977	87.52	4.69E-28	Lower
016-01	1.997	-1.345	0.84	87	1978	63.31	1.52E-35	Middle
016-01	1.880	-1.421	0.84	95	1977	61.49	2.14E-38	Upper
019-01	1.462	-1.370	0.54	24	1999	30.70	4.03E-05	Lower
019-01	1.443	-1.798	0.71	24	1954	15.06	2.18E-07	Middle
019-02	0.944	0.016	0.98	4	1982	0.06	8.35E-03	Lower
019-05	1.806	-1.662	0.58	84	1993	145.43	3.60E-17	Lower
019-05	1.768	-1.690	0.59	83	1993	131.74	2.09E-17	Middle
019-05	1.573	-1.835	0.59	89	2003	114.24	2.18E-18	Upper
020-02	2.107	-1.077	0.84	62	1957	42.16	9.46E-26	Lower
020-02	1.999	-1.130	0.86	58	1959	33.73	3.54E-25	Middle
020-02	1.883	-1.287	0.83	72	1976	40.77	8.48E-29	Upper
020-04	1.865	-0.855	0.95	127	1976	23.15	1.22E-85	Lower
020-04	1.774	-1.077	0.99	126	1976	3.34	1.28E-132	Middle
020-04	1.614	-1.252	0.99	135	1990	3.83	9.76E-136	Upper
020-06	1.183	0.625	0.70	18	1998	7.67	1.62E-05	Lower
020-06	1.736	-1.412	0.59	17	1963	26.58	3.18E-04	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
020-06	1.763	-1.380	0.63	24	1963	33.25	4.09E-06	Upper
020-07	1.600	-1.474	0.62	154	1962	187.34	2.34E-33	Middle
020-07	1.601	-1.590	0.68	161	1962	150.23	2.84E-41	Upper
020-08	0.797	0.755	0.94	13	1997	0.38	5.25E-08	Lower
020-08	0.890	0.607	0.95	14	1997	0.37	2.23E-09	Middle
020-08	1.606	-0.414	0.81	17	1997	6.93	7.16E-07	Upper
022-03	1.007	0.086	1.00	79	1959	0.42	8.65E-97	Lower
022-03	0.993	0.072	1.00	82	1959	0.36	1.08E-102	Middle
022-04	2.001	-1.189	0.84	78	1972	55.26	1.92E-32	Lower
022-04	1.948	-1.252	0.84	82	1992	58.24	2.61E-33	Middle
022-04	1.768	-1.398	0.83	87	1992	54.30	1.17E-34	Upper
022-05	1.703	-1.166	0.99	25	1970	0.45	6.90E-28	Lower
022-05	1.592	-1.284	1.00	24	1970	0.10	3.34E-33	Middle
022-07	1.591	-1.511	0.65	36	1982	34.77	3.56E-09	Middle
023-05	1.017	0.176	0.97	14	1979	0.38	9.64E-11	Lower
023-05	1.754	-0.882	0.92	14	1979	3.91	5.59E-08	Middle
023-05	1.806	-1.019	0.96	18	1952	2.28	6.34E-13	Upper
023-10	1.770	-0.877	0.74	43	1990	46.05	2.12E-13	Lower
023-10	1.722	-1.409	0.75	41	1990	39.09	3.82E-13	Middle
023-10	1.590	-1.520	0.74	50	1990	40.99	1.36E-15	Upper
023-11	2.021	-1.044	0.84	239	1997	145.78	6.96E-97	Middle
023-11	1.841	-1.246	0.84	253	1996	125.88	4.06E-102	Upper
024-05	0.779	0.534	0.93	46	1961	1.51	1.48E-27	Lower
024-05	0.937	0.227	0.96	48	1991	1.40	1.73E-33	Middle
024-05	1.821	-1.222	0.81	58	1997	31.92	1.36E-21	Upper
025-01	1.006	0.384	0.99	4	1967	0.03	4.02E-03	Middle
025-01	1.816	-0.943	0.68	11	1967	14.42	1.92E-03	Upper
025-02	1.506	-1.551	0.80	119	1956	71.06	4.01E-43	Middle
025-07	1.720	-1.099	0.90	25	1978	1.50	3.67E-13	Middle
025-07	1.516	-1.230	0.76	29	1978	3.52	8.43E-10	Upper
025-08	2.077	-1.162	0.79	151	1982	136.67	7.49E-52	Lower
025-08	1.906	-1.316	0.79	149	1967	107.61	1.95E-52	Middle
025-08	1.677	-1.528	0.78	162	1962	96.06	5.81E-55	Upper
026-02	1.375	-0.693	0.53	62	1987	73.21	2.03E-11	Lower
026-02	1.445	-1.615	0.63	62	1951	54.67	9.54E-15	Middle
026-06	1.116	0.344	0.66	201	1995	100.85	6.53E-49	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-06	1.872	-1.133	0.76	203	1995	178.32	6.39E-64	Middle
026-07	1.476	-0.353	0.63	182	1971	197.43	2.54E-40	Lower
026-07	1.590	-1.599	0.63	180	1950	217.90	1.46E-40	Middle
026-08	1.251	-0.752	0.78	23	1952	13.25	2.27E-08	Lower
026-08	1.497	-1.339	0.94	18	1971	3.43	2.19E-11	Middle
026-10	1.547	-0.977	0.94	32	1972	5.20	3.89E-20	Lower
026-10	1.677	-1.286	0.93	33	1972	6.68	1.59E-19	Middle
030-02	1.848	-0.982	0.99	5	1976	0.21	6.91E-04	Lower
030-03	1.929	-0.914	1.00	91	1987	0.86	7.47E-117	Lower
030-03	1.855	-0.998	1.00	88	1987	0.54	1.71E-119	Middle
038-03	1.976	-1.125	0.70	128	1991	170.57	2.16E-34	Lower
038-03	1.900	-1.348	0.73	128	1991	134.15	2.15E-37	Middle
038-30	1.872	-0.591	0.77	59	1982	31.56	8.84E-20	Lower
038-30	1.915	-0.927	0.99	58	1982	0.99	2.95E-57	Middle
046-03	0.668	0.819	0.84	53	1967	4.05	7.66E-22	Lower
046-03	1.188	0.059	0.70	55	1967	28.74	1.17E-15	Middle
046-03	1.772	-1.458	0.77	61	1967	50.65	9.51E-21	Upper
050-05	0.928	0.310	0.99	13	1986	0.08	8.83E-13	Lower
050-05	0.970	0.124	0.96	16	1986	0.55	3.10E-11	Middle
050-06	1.984	-1.674	0.79	5	1988	4.78	4.50E-02	Lower
050-06	1.945	-1.622	0.78	14	1988	9.95	2.69E-05	Upper
053-09	1.898	-0.885	0.81	134	1982	101.28	2.45E-49	Lower
053-09	1.857	-1.283	0.80	135	1992	104.16	2.77E-48	Middle
064-02	1.875	-1.533	0.59	135	1993	224.15	1.41E-27	Lower
064-02	1.833	-1.619	0.61	136	1993	204.58	7.29E-29	Middle
065-04	1.829	-0.506	0.61	127	1996	202.60	1.28E-27	Lower
065-04	2.232	-0.870	0.83	127	1996	96.69	2.21E-50	Middle
065-04	1.926	-1.182	0.81	132	1996	87.93	2.07E-48	Upper
148-01	1.733	-0.685	0.66	45	1971	53.85	1.17E-11	Middle
148-01	1.889	-1.081	0.86	51	1971	25.31	2.04E-22	Upper
148-02	0.758	-0.163	0.92	4	1971	0.24	4.04E-02	Middle
195-04	1.893	-0.950	0.99	23	1990	0.81	2.31E-23	Lower
195-04	1.663	-1.201	0.99	20	1990	0.34	4.82E-22	Middle
245-90	0.918	0.785	0.91	31	1987	2.08	1.49E-16	Lower
246-01	1.179	0.030	0.83	69	1983	18.79	2.19E-27	Lower
246-01	1.870	-0.938	0.98	69	1986	4.62	2.86E-59	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
283-09	1.423	-1.813	0.53	79	1986	72.50	2.70E-14	Lower
283-09	1.397	-1.847	0.54	81	1966	71.38	8.22E-15	Middle
283-30	1.640	-0.491	0.59	48	1987	71.88	2.11E-10	Lower
283-30	2.007	-1.119	0.84	51	1983	30.71	6.08E-21	Middle
283-30	1.758	-1.332	0.84	54	1983	25.07	2.83E-22	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-04	1.892	-1.532	0.67	21	1955	20.95	5.65E-06	Lower
001-04	1.859	-1.565	0.69	23	1955	19.59	1.10E-06	Middle
001-04	1.725	-1.663	0.66	26	1955	22.28	4.00E-07	Upper
002-01	1.164	-0.572	0.81	49	1951	10.33	1.24E-18	Lower
002-01	1.660	-1.140	0.98	52	1951	2.31	9.51E-43	Middle
002-01	1.588	-1.226	0.98	55	1951	2.26	1.43E-44	Upper
006-02	1.324	-2.042	0.63	20	1971	12.97	2.77E-05	Lower
006-02	1.268	-2.077	0.62	20	1976	12.10	3.53E-05	Middle
006-02	1.318	-2.045	0.68	24	1976	13.42	7.14E-07	Upper
007-01	0.506	0.018	0.70	42	1971	2.50	4.07E-12	Lower
007-01	0.435	-0.076	0.58	41	1947	2.83	8.41E-09	Middle
007-02	0.809	0.157	0.77	17	1969	2.01	4.00E-06	Lower
007-02	1.331	-0.436	0.64	20	1969	15.13	2.04E-05	Middle
007-02	1.500	-1.199	0.84	27	1950	13.35	2.43E-11	Upper
008-02	1.717	-1.505	0.84	148	1952	83.53	2.37E-59	Lower
008-02	1.584	-1.634	0.84	148	1954	67.11	1.60E-60	Middle
008-02	1.500	-1.705	0.84	155	1954	64.31	8.15E-63	Upper
008-03	1.713	-0.851	0.86	94	1954	35.14	4.25E-41	Lower
008-03	1.772	-1.085	0.99	95	1954	1.63	7.65E-103	Middle
008-03	1.730	-1.130	0.99	98	1954	3.10	1.53E-92	Upper
008-04	1.269	-1.658	0.69	26	1972	21.20	1.82E-07	Lower
008-04	1.401	-1.831	0.80	25	1974	12.63	1.53E-09	Middle
008-04	1.368	-1.870	0.84	35	1972	13.75	1.27E-14	Upper
008-09	1.715	-1.125	0.98	13	1958	0.67	5.83E-11	Lower
008-09	1.561	-1.276	0.98	16	1971	1.13	6.45E-13	Middle
008-09	1.506	-1.334	0.98	22	1958	1.43	1.38E-17	Upper
008-30	1.720	-1.138	0.99	9	1971	0.17	8.81E-09	Lower
008-30	1.546	-1.444	0.89	11	1971	2.89	1.50E-05	Middle
008-30	1.503	-1.472	0.92	14	1972	2.63	8.49E-08	Upper
011-01	1.070	-0.603	0.57	82	1982	70.21	2.00E-16	Lower
011-01	1.528	-1.670	0.81	84	1947	46.38	4.35E-31	Middle
011-01	1.468	-1.738	0.80	96	1982	52.28	1.56E-34	Upper
011-02	1.099	-0.968	0.77	114	2002	46.71	4.60E-38	Lower
011-02	1.309	-1.390	0.92	111	1949	20.00	7.69E-61	Middle
011-02	1.306	-1.558	0.90	127	1949	26.41	1.33E-64	Upper
012-13	0.869	-0.278	0.58	86	1961	54.03	1.30E-17	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-13	1.325	-0.979	0.68	90	1972	85.48	2.37E-23	Middle
012-13	1.543	-1.485	0.88	97	1972	34.80	2.78E-46	Upper
013-04	0.800	-0.002	0.88	22	1965	1.56	1.12E-10	Lower
013-04	0.731	-0.114	0.81	22	1965	2.22	1.33E-08	Middle
013-04	0.839	-0.357	0.63	29	1965	10.58	2.91E-07	Upper
013-06	1.589	-1.255	0.98	30	1962	1.04	5.29E-27	Lower
013-06	1.532	-1.312	0.98	31	1962	1.51	9.06E-26	Middle
013-06	1.419	-1.413	0.95	36	1962	3.34	1.29E-23	Upper
014-02	1.792	-1.066	1.00	9	1972	0.01	5.16E-14	Lower
014-02	1.590	-1.271	0.98	9	1972	0.39	1.84E-07	Middle
014-02	1.541	-1.322	0.99	14	1972	0.50	1.92E-12	Upper
014-04	0.785	0.193	0.71	23	1972	6.10	4.28E-07	Middle
014-04	1.445	-1.140	0.74	33	1972	21.62	1.27E-10	Upper
015-02	1.515	-1.356	0.99	40	1956	1.45	2.77E-38	Lower
015-02	1.447	-1.436	0.99	40	1956	0.80	1.09E-42	Middle
015-02	1.413	-1.463	0.98	46	1956	2.12	3.46E-40	Upper
015-03	1.611	-0.822	0.72	52	1956	36.84	1.98E-15	Lower
015-03	1.198	-1.919	0.51	53	1956	50.15	1.51E-09	Middle
015-03	1.175	-1.952	0.51	55	1956	50.68	7.06E-10	Upper
015-04	0.698	0.736	0.62	58	1982	10.81	2.04E-13	Lower
015-04	0.887	0.269	0.58	57	1981	20.35	7.68E-12	Middle
015-05	1.428	-1.301	0.80	37	1972	19.14	7.99E-14	Lower
015-05	1.371	-1.670	0.81	40	1972	18.12	2.74E-15	Middle
015-05	1.354	-1.669	0.83	47	1977	18.36	3.67E-19	Upper
015-07	0.611	0.031	0.87	140	1972	6.12	5.12E-64	Lower
015-07	0.630	-0.089	0.79	141	1972	11.98	1.73E-49	Middle
015-07	1.010	-0.527	0.62	148	1972	76.77	4.58E-32	Upper
015-31	1.428	-1.687	0.60	152	1980	160.08	7.57E-32	Middle
015-31	1.376	-1.732	0.62	158	1966	144.31	6.85E-35	Upper
016-01	0.552	0.215	0.67	104	1978	13.58	1.24E-26	Lower
016-01	0.589	0.049	0.74	102	1977	10.70	2.94E-31	Middle
016-01	1.457	-1.233	0.74	112	1977	71.22	2.17E-34	Upper
019-01	1.408	-1.350	0.54	26	1999	34.03	2.15E-05	Lower
019-01	1.434	-1.802	0.73	25	1954	14.47	4.95E-08	Middle
019-01	1.458	-1.847	0.75	31	1954	17.08	2.48E-10	Upper
019-02	0.729	0.127	0.79	5	1982	0.62	4.54E-02	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
019-02	1.074	-0.802	0.76	10	1982	3.06	9.82E-04	Upper
020-02	1.557	-1.262	0.79	59	1959	35.19	1.01E-20	Lower
020-02	1.608	-1.517	0.88	63	1959	19.32	2.64E-30	Middle
020-02	1.570	-1.601	0.86	68	1976	23.97	1.03E-29	Upper
020-04	1.611	-1.259	1.00	119	1976	0.88	3.74E-153	Lower
020-04	1.546	-1.330	1.00	118	1976	0.70	1.03E-154	Middle
020-04	1.465	-1.416	1.00	126	1990	0.77	1.60E-162	Upper
020-06	1.056	-0.573	0.54	20	1998	16.58	2.43E-04	Lower
020-06	1.562	-1.576	0.68	20	1963	19.25	8.58E-06	Middle
020-06	1.488	-1.663	0.71	27	1963	20.44	3.09E-08	Upper
020-07	1.565	-1.236	0.58	169	1968	257.79	3.91E-33	Middle
020-07	1.671	-1.548	0.74	174	1962	150.21	1.53E-51	Upper
020-08	1.710	-1.155	1.00	6	1997	0.00	3.58E-08	Lower
020-08	1.675	-1.192	1.00	5	1997	0.00	9.78E-50	Middle
020-08	1.639	-1.212	0.99	9	1997	0.25	4.76E-08	Upper
022-03	1.393	-0.981	0.89	78	1959	29.67	1.31E-37	Lower
022-03	1.436	-1.452	0.99	79	1959	2.51	1.08E-78	Middle
022-03	1.385	-1.505	1.00	82	1959	0.84	5.07E-100	Upper
022-04	1.332	-1.235	0.52	73	1992	90.18	6.08E-13	Middle
022-04	1.593	-1.451	0.74	84	1992	58.77	5.56E-26	Upper
022-05	1.549	-1.313	0.99	20	1970	0.54	9.19E-20	Lower
022-05	1.470	-1.403	0.99	22	1970	0.39	3.60E-23	Middle
022-05	1.391	-1.481	0.99	26	1970	0.59	2.01E-25	Upper
022-07	1.339	-1.868	0.61	34	1982	29.22	6.16E-08	Middle
022-07	1.280	-1.956	0.55	42	1982	38.11	1.59E-08	Upper
023-01	1.359	-1.776	0.66	72	1971	60.61	4.06E-18	Lower
023-01	1.280	-1.878	0.64	70	1981	57.15	1.39E-16	Middle
023-01	1.350	-1.839	0.66	78	1981	66.31	1.57E-19	Upper
023-05	1.541	-0.935	0.86	16	1979	6.59	2.04E-07	Lower
023-05	1.679	-1.177	0.99	14	1979	0.37	1.54E-13	Middle
023-05	1.609	-1.236	0.98	21	1952	1.21	1.44E-17	Upper
023-09	0.978	-2.245	0.56	33	1961	21.94	6.57E-07	Middle
023-09	0.963	-2.264	0.57	36	1961	22.23	9.00E-08	Upper
023-10	1.469	-1.502	0.71	47	1952	38.46	1.52E-13	Middle
023-10	1.490	-1.585	0.73	53	1952	38.14	3.01E-16	Upper
023-11	1.377	-1.281	0.59	144	1984	178.37	1.22E-29	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
023-11	1.514	-1.630	0.82	142	1997	69.38	8.02E-54	Middle
023-11	1.451	-1.688	0.82	157	1996	70.10	9.88E-60	Upper
024-01	1.400	-1.481	1.00	7	1972	0.05	4.96E-07	Lower
024-01	1.389	-1.490	0.99	9	1972	0.06	3.67E-09	Middle
024-01	1.337	-1.551	0.98	15	1972	0.44	3.40E-12	Upper
024-05	1.326	-1.089	0.66	40	1961	29.87	2.32E-10	Middle
024-05	1.589	-1.535	0.81	49	1997	21.15	1.31E-18	Upper
025-01	1.908	-1.223	0.85	7	1967	4.03	3.33E-03	Lower
025-01	2.042	-0.807	0.98	5	1967	0.32	7.87E-04	Middle
025-01	1.783	-1.438	0.83	11	1967	6.01	1.01E-04	Upper
025-02	1.110	-0.638	0.73	185	1956	108.25	1.67E-54	Lower
025-02	1.485	-1.265	0.94	184	1956	34.08	4.92E-113	Middle
025-02	1.413	-1.495	0.90	193	1956	54.85	6.84E-98	Upper
025-07	0.546	-0.395	0.91	17	1978	0.13	2.28E-09	Middle
025-07	1.216	-1.102	0.67	21	1978	3.50	6.10E-06	Upper
025-08	0.624	0.073	0.84	97	1962	6.01	1.26E-39	Lower
025-08	0.623	-0.044	0.80	96	1967	8.07	1.61E-34	Middle
025-08	1.255	-0.712	0.70	110	1962	62.17	2.57E-30	Upper
026-02	1.083	-2.024	0.50	59	1963	44.76	2.96E-10	Upper
026-06	1.230	-0.830	0.51	150	1979	191.36	1.60E-24	Lower
026-06	1.448	-1.617	0.71	152	1979	109.02	1.54E-42	Middle
026-06	1.394	-1.669	0.74	163	1995	101.89	4.76E-49	Upper
026-07	1.230	-0.763	0.52	211	1950	242.58	5.33E-35	Lower
026-07	1.542	-1.598	0.67	216	1950	207.86	1.25E-53	Middle
026-07	1.456	-1.667	0.68	227	1971	188.41	9.27E-58	Upper
026-08	0.823	-0.576	0.74	24	1952	7.20	7.06E-08	Lower
026-08	1.382	-1.384	0.93	27	1971	4.21	7.32E-16	Middle
026-08	1.335	-1.401	0.91	36	1971	6.48	2.08E-19	Upper
026-10	0.613	-0.304	0.74	40	1972	4.86	1.38E-12	Lower
026-10	0.565	-0.319	0.60	39	1972	6.79	5.85E-09	Middle
026-10	1.042	-1.149	0.70	50	1972	19.92	5.07E-14	Upper
030-03	1.455	-1.113	0.91	91	1987	17.07	6.60E-48	Lower
030-03	1.503	-1.307	0.95	88	1987	9.73	1.41E-56	Middle
030-03	1.459	-1.349	0.93	97	1987	13.08	3.40E-57	Upper
038-30	1.714	-1.066	0.97	74	1982	8.18	1.66E-54	Lower
038-30	1.705	-1.161	1.00	75	1982	0.15	7.65E-118	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
038-30	1.638	-1.227	1.00	79	1982	0.73	7.55E-98	Upper
046-03	1.544	-1.467	0.64	46	1967	57.47	2.70E-11	Middle
046-03	1.651	-1.643	0.78	51	1967	36.10	9.85E-18	Upper
050-05	0.671	0.086	0.72	13	1986	1.94	2.70E-04	Lower
050-05	0.581	0.000	0.60	18	1986	3.31	1.64E-04	Middle
053-09	1.573	-1.474	0.73	118	1992	91.90	7.26E-35	Middle
053-09	1.477	-1.539	0.73	130	1982	90.53	3.44E-38	Upper
064-02	1.738	-1.307	0.66	130	1993	120.55	1.19E-31	Upper
065-04	0.617	0.228	0.80	148	1996	10.25	2.78E-53	Lower
065-04	1.724	-0.923	0.84	149	1996	60.46	3.09E-61	Middle
065-04	1.649	-1.519	0.82	153	1996	69.10	2.79E-57	Upper
148-01	1.477	-0.889	0.71	34	1971	25.24	4.77E-10	Lower
148-01	1.341	-1.674	0.74	33	1971	12.97	1.64E-10	Middle
148-01	1.391	-1.596	0.84	42	1971	14.99	2.94E-17	Upper
195-04	1.192	-0.567	0.80	47	1990	13.49	2.92E-17	Lower
195-04	1.661	-1.147	0.98	47	1990	2.23	7.87E-39	Middle
195-04	1.609	-1.199	0.96	53	1990	3.88	8.61E-39	Upper
245-90	1.532	-1.624	0.65	32	1987	32.84	3.02E-08	Upper
246-01	0.734	0.055	0.84	75	1983	7.23	1.59E-30	Lower
246-01	0.854	-0.230	0.81	76	1986	12.12	1.57E-28	Middle
246-01	1.600	-1.212	0.94	87	1986	11.84	2.38E-54	Upper
283-09	1.519	-1.770	0.71	91	1966	66.66	1.09E-25	Middle
283-09	1.470	-1.807	0.73	94	1986	61.62	8.10E-28	Upper
283-30	1.540	-1.211	0.74	41	1987	30.03	6.73E-13	Lower
283-30	1.616	-1.501	0.82	41	1983	19.82	5.76E-16	Middle
283-30	1.590	-1.509	0.85	48	1983	19.15	2.37E-20	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-08	1.530	-1.494	0.50	14	1947	20.19	4.53E-03	Middle
002-01	0.956	0.690	0.91	15	1951	1.19	3.23E-08	Lower
002-01	1.971	-0.637	0.91	16	1951	5.61	7.98E-09	Middle
002-01	1.767	-1.041	0.93	20	1951	4.56	5.91E-12	Upper
006-02	2.116	-1.463	0.74	24	1971	28.62	8.19E-08	Lower
006-02	2.065	-1.501	0.74	24	1976	27.11	7.84E-08	Middle
006-02	1.719	-1.746	0.73	28	1976	23.45	8.48E-09	Upper
007-01	2.094	-1.452	0.65	26	1971	45.85	7.86E-07	Lower
007-01	2.087	-1.456	0.66	24	1971	38.38	1.31E-06	Middle
007-01	1.802	-1.639	0.64	32	1947	41.63	4.53E-08	Upper
007-02	1.806	-1.289	0.78	22	1950	16.41	5.03E-08	Upper
008-02	1.245	-1.930	0.60	95	1954	58.08	3.20E-20	Middle
008-02	1.198	-1.968	0.63	101	1954	55.39	6.28E-23	Upper
008-03	1.752	-0.166	0.69	88	1954	89.55	1.18E-23	Lower
008-03	2.128	-0.703	1.00	86	1954	0.91	1.06E-106	Middle
008-03	1.902	-0.949	0.98	93	1954	4.75	7.13E-82	Upper
008-04	1.908	-1.283	0.81	30	1972	28.29	1.29E-11	Lower
008-04	1.971	-1.376	0.86	30	1972	21.04	1.90E-13	Middle
008-04	1.818	-1.486	0.82	40	1972	31.71	1.58E-15	Upper
008-30	1.767	-1.228	0.75	8	1971	4.18	5.73E-03	Middle
008-30	1.537	-1.443	0.75	9	1972	3.21	2.59E-03	Upper
011-01	1.245	-1.957	0.57	57	1947	37.35	1.08E-11	Middle
011-01	1.380	-1.861	0.66	65	1982	46.61	2.17E-16	Upper
011-02	0.940	0.338	0.84	57	2002	13.13	3.49E-23	Lower
011-02	1.810	-1.016	0.96	56	2002	11.00	8.28E-39	Middle
011-02	1.653	-1.326	0.89	69	1949	29.26	2.68E-34	Upper
012-13	1.423	-0.792	0.52	57	1972	85.97	2.23E-10	Lower
012-13	1.657	-1.410	0.82	57	1972	28.95	7.14E-22	Middle
012-13	1.584	-1.458	0.84	66	1972	28.33	2.11E-27	Upper
013-06	1.229	-0.195	0.84	19	1962	6.51	3.71E-08	Lower
013-06	1.752	-1.104	1.00	19	1962	0.18	1.30E-23	Middle
013-06	1.579	-1.283	0.97	25	1962	1.79	7.21E-20	Upper
014-02	1.960	-0.885	1.00	8	1972	0.00	2.33E-15	Lower
014-02	1.934	-0.913	1.00	6	1972	0.00	1.70E-64	Middle
014-02	1.693	-1.176	0.98	12	1972	1.10	2.40E-09	Upper
014-04	0.856	0.524	0.85	22	2003	3.19	8.05E-10	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
014-04	1.199	-0.077	0.83	23	1972	7.84	1.45E-09	Middle
014-04	1.604	-1.218	0.83	30	1972	15.99	2.12E-12	Upper
015-02	1.689	-0.764	0.77	19	1956	12.10	9.03E-07	Lower
015-02	1.851	-1.002	0.99	19	1956	0.26	1.86E-19	Middle
015-02	1.626	-1.245	0.99	23	1956	0.68	2.61E-22	Upper
015-05	2.234	-0.461	0.89	27	1972	13.02	2.90E-13	Middle
015-05	1.739	-1.173	0.74	31	1972	29.42	4.35E-10	Upper
015-07	1.285	-1.820	0.51	101	1972	111.06	3.13E-17	Upper
016-01	1.742	-1.456	0.60	60	1978	74.01	3.98E-13	Middle
016-01	1.722	-1.510	0.67	66	1977	64.98	4.98E-17	Upper
019-01	1.543	-1.778	0.63	26	1954	23.87	1.36E-06	Upper
020-02	1.764	-0.689	0.60	35	1976	54.70	5.05E-08	Upper
020-04	1.846	-0.941	0.83	78	1976	12.14	1.51E-30	Lower
020-04	1.758	-1.101	0.99	83	1976	1.20	1.67E-79	Middle
020-04	1.605	-1.267	0.98	84	1990	1.64	7.61E-74	Upper
020-07	1.557	-1.450	0.51	135	1962	220.14	2.12E-22	Middle
020-07	1.556	-1.639	0.61	138	1962	154.89	2.42E-29	Upper
020-08	1.866	-0.987	1.00	5	1997	0.00	7.64E-49	Middle
020-08	1.913	-0.884	0.92	8	1997	1.94	1.40E-04	Upper
022-03	0.983	0.060	1.00	45	1959	0.08	2.40E-64	Lower
022-03	1.427	-0.719	0.85	45	1959	25.20	1.47E-19	Middle
022-03	1.596	-1.278	0.99	49	1959	2.71	6.31E-46	Upper
022-04	1.488	-1.663	0.73	60	1992	38.98	4.21E-18	Upper
022-05	1.211	-0.284	0.69	14	1970	9.40	2.28E-04	Lower
022-05	1.628	-1.234	0.97	12	1970	0.82	5.71E-09	Middle
022-05	1.625	-1.226	0.95	17	1970	2.36	2.14E-11	Upper
023-09	1.309	-1.893	0.53	34	1961	46.05	9.65E-07	Middle
023-09	1.489	-1.856	0.64	39	1961	47.18	7.71E-10	Upper
023-10	1.124	-1.978	0.54	33	1952	25.79	1.19E-06	Upper
024-05	1.710	-1.434	0.71	18	1991	14.06	1.13E-05	Middle
024-05	1.824	-1.405	0.73	25	1997	23.65	5.30E-08	Upper
025-02	1.705	-1.325	0.81	132	1956	99.32	1.41E-48	Middle
025-02	1.626	-1.408	0.80	138	1956	103.72	4.72E-49	Upper
025-08	1.382	-1.761	0.50	66	1967	89.92	2.81E-11	Middle
025-08	1.303	-1.838	0.56	77	1967	81.40	5.26E-15	Upper
026-06	1.369	-1.678	0.55	131	1979	127.94	3.13E-24	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-06	1.360	-1.690	0.59	137	1979	121.96	8.24E-28	Upper
026-08	1.474	-1.465	0.61	11	1971	6.11	4.51E-03	Upper
026-10	1.383	-0.604	0.86	16	1972	7.93	2.46E-07	Lower
026-10	1.617	-1.411	0.90	12	1972	4.89	2.12E-06	Middle
026-10	1.374	-1.620	0.93	22	1972	4.59	5.82E-13	Upper
030-03	2.028	-0.811	1.00	30	1987	0.23	3.57E-39	Lower
030-03	1.967	-0.875	1.00	30	1987	0.21	7.26E-40	Middle
030-03	1.735	-1.125	0.97	36	1987	3.47	6.25E-28	Upper
046-03	1.870	-1.543	0.79	45	1967	39.15	2.74E-16	Middle
046-03	1.795	-1.550	0.81	52	1967	39.17	1.30E-19	Upper
050-05	0.957	0.513	1.00	7	1986	0.01	6.78E-08	Lower
050-05	1.007	0.476	0.99	6	1986	0.03	1.14E-05	Middle
050-05	1.272	-0.572	0.73	11	1986	6.81	7.56E-04	Upper
053-09	1.404	-1.697	0.55	74	1992	84.99	3.03E-14	Middle
053-09	1.438	-1.661	0.66	85	1982	80.04	6.02E-21	Upper
065-04	1.778	-1.400	0.68	93	1996	87.29	4.88E-24	Middle
065-04	1.489	-1.676	0.69	99	1996	64.24	3.53E-26	Upper
148-01	1.265	-1.783	0.67	30	1971	11.48	3.69E-08	Middle
148-01	1.164	-1.875	0.74	32	1971	9.19	3.59E-10	Upper
195-04	0.876	0.501	0.95	35	1990	1.43	1.28E-22	Lower
195-04	1.522	-0.616	0.82	36	1990	15.71	2.23E-14	Middle
195-04	1.565	-1.223	0.92	41	1990	7.45	1.67E-23	Upper
246-01	0.904	0.463	0.97	57	1986	1.76	2.48E-42	Lower
246-01	1.754	-0.646	0.91	58	1986	19.64	7.96E-31	Middle
246-01	1.694	-1.137	0.94	69	1986	12.27	2.81E-43	Upper
283-09	1.498	-1.767	0.65	88	1986	75.63	3.72E-21	Upper
283-30	1.562	-1.522	0.64	33	1983	24.86	2.82E-08	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-04	0.816	0.163	0.94	32	1955	0.59	9.82E-20	Lower
001-04	0.824	-0.050	0.98	34	1955	0.23	1.30E-27	Middle
001-04	0.941	-0.306	0.79	37	1955	3.84	1.45E-13	Upper
001-08	0.911	1.083	0.94	15	1947	0.55	2.20E-09	Lower
001-08	0.992	0.819	0.93	17	1947	0.83	3.52E-10	Middle
001-08	1.493	-0.165	0.53	19	1947	25.30	3.82E-04	Upper
002-01	0.902	0.498	0.96	54	1951	0.99	2.75E-39	Lower
002-01	0.903	0.283	0.98	54	1951	0.67	2.41E-44	Middle
002-01	0.922	0.039	0.97	60	1951	1.08	2.22E-44	Upper
006-02	0.594	1.165	0.90	36	1971	1.07	2.82E-18	Lower
006-02	0.650	0.967	0.93	37	1976	0.89	2.19E-21	Middle
006-02	1.132	0.218	0.51	40	1976	35.63	2.15E-07	Upper
007-01	0.793	0.891	0.93	56	1971	1.25	1.62E-32	Lower
007-01	0.841	0.661	0.97	57	1947	0.61	8.17E-44	Middle
007-01	0.899	0.453	0.95	62	1947	1.24	1.31E-40	Upper
007-02	0.515	0.688	0.65	41	1960	4.63	1.55E-10	Lower
007-02	0.856	0.127	0.61	42	1969	15.62	1.07E-09	Middle
007-02	1.338	-0.909	0.68	53	1969	37.64	3.74E-14	Upper
008-01	0.806	0.635	0.88	159	2003	9.71	2.18E-75	Lower
008-01	0.845	0.397	0.93	156	1952	5.94	4.99E-91	Middle
008-01	0.859	-0.050	0.53	166	1952	78.82	2.00E-28	Upper
008-02	0.890	0.587	0.96	174	1954	5.66	3.30E-120	Lower
008-02	0.980	0.322	0.99	176	1954	1.89	4.22E-169	Middle
008-02	1.614	-0.757	0.73	183	1954	164.82	8.44E-53	Upper
008-03	0.843	0.547	0.87	230	1954	18.73	9.33E-102	Lower
008-03	0.827	0.288	0.81	229	1954	27.37	1.51E-83	Middle
008-03	0.967	-0.128	0.69	236	1954	74.18	4.47E-61	Upper
008-04	0.906	0.434	0.96	35	1972	1.27	7.58E-25	Lower
008-04	1.014	0.141	0.96	40	1972	1.60	6.54E-29	Middle
008-04	1.303	-0.393	0.85	46	1972	14.17	1.40E-19	Upper
008-09	0.749	0.430	0.88	29	1971	2.20	9.47E-14	Lower
008-09	0.970	0.130	0.97	18	1973	0.52	1.48E-13	Middle
008-09	1.493	-1.056	0.88	43	1958	10.88	7.35E-21	Upper
008-30	0.906	0.599	0.93	15	1972	0.93	8.86E-09	Lower
008-30	0.982	0.433	0.94	19	1971	0.91	4.17E-12	Middle
008-30	1.417	-0.294	0.83	23	1971	8.12	1.29E-09	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
010-06	0.586	0.256	0.65	9	1954	1.51	8.74E-03	Upper
011-01	0.427	0.881	0.60	122	1947	14.49	2.47E-25	Lower
011-01	0.548	0.487	0.61	130	1982	23.42	3.55E-28	Middle
011-01	0.943	-0.153	0.59	138	1947	78.50	2.81E-28	Upper
011-02	0.651	0.492	0.73	151	2002	22.51	1.41E-44	Lower
011-02	1.564	-0.938	0.89	144	1949	44.15	7.61E-69	Middle
011-02	1.517	-1.062	0.87	164	1949	52.03	6.32E-74	Upper
012-13	0.636	0.407	0.75	180	1952	22.54	7.15E-55	Lower
012-13	0.657	0.107	0.74	179	1961	24.73	4.04E-53	Middle
012-13	0.750	-0.252	0.66	192	1972	50.33	7.99E-46	Upper
013-04	0.833	0.620	0.95	50	1965	1.18	2.63E-32	Lower
013-04	0.801	0.490	0.93	52	1965	1.46	6.50E-31	Middle
013-04	0.768	0.336	0.86	62	1965	3.71	2.15E-27	Upper
013-06	0.902	0.189	0.92	49	1962	2.39	1.73E-27	Lower
013-06	0.899	-0.005	0.96	51	1962	0.92	4.18E-37	Middle
013-06	1.185	-0.576	0.83	55	1962	11.05	5.33E-22	Upper
014-02	0.954	0.337	0.98	35	1972	0.38	6.10E-30	Lower
014-02	0.958	0.212	0.98	23	1972	0.28	4.93E-20	Middle
014-02	1.112	-0.072	0.88	49	1972	4.58	4.87E-23	Upper
014-04	0.780	0.690	0.90	47	2003	2.17	1.77E-24	Lower
014-04	0.942	0.341	1.00	46	1972	0.09	1.15E-56	Middle
014-04	1.009	0.203	0.92	56	1972	3.28	1.55E-31	Upper
015-02	0.956	0.140	0.98	48	1956	1.32	6.62E-39	Lower
015-02	0.940	0.023	0.99	46	1956	0.35	1.19E-49	Middle
015-02	1.513	-0.864	0.91	55	1956	14.57	2.45E-29	Upper
015-03	0.884	0.524	0.93	56	1956	2.60	2.36E-32	Lower
015-03	0.970	0.268	0.96	56	1956	1.81	3.29E-38	Middle
015-03	0.993	0.102	0.98	59	1956	1.08	8.87E-48	Upper
015-04	0.959	0.660	0.96	73	1982	1.73	1.72E-51	Lower
015-04	0.964	0.444	0.97	74	1982	1.35	6.98E-56	Middle
015-04	1.010	0.085	0.75	80	1982	16.96	6.82E-25	Upper
015-05	1.042	0.389	0.78	77	1972	19.76	1.45E-26	Lower
015-05	1.976	-0.716	0.95	75	1972	12.94	1.46E-49	Middle
015-05	1.811	-0.879	0.93	89	1972	16.99	7.78E-53	Upper
015-06	0.735	0.583	0.87	112	2004	5.92	2.47E-51	Lower
015-06	0.838	0.335	0.97	113	1974	1.65	5.72E-87	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-06	1.108	-0.150	0.62	119	1974	59.06	1.14E-26	Upper
015-07	0.902	0.423	0.94	272	1972	7.87	1.57E-171	Lower
015-07	0.889	0.195	0.96	274	1972	5.76	1.27E-189	Middle
015-07	0.852	-0.065	0.85	282	1972	21.04	1.11E-118	Upper
015-31	0.850	0.397	0.89	228	1965	15.27	5.52E-112	Lower
015-31	0.854	-0.033	0.85	230	1980	23.56	8.57E-95	Middle
015-31	1.518	-1.404	0.67	242	1965	210.11	1.75E-60	Upper
016-01	0.459	0.994	0.76	156	1977	7.15	3.42E-50	Lower
016-01	0.615	0.688	0.78	156	1977	11.91	9.21E-52	Middle
016-01	0.843	0.286	0.80	165	1978	20.69	2.16E-58	Upper
019-01	0.714	1.038	0.88	37	1999	1.86	1.12E-17	Lower
019-01	0.796	0.756	0.96	42	1954	0.75	3.17E-30	Middle
019-01	0.993	0.372	0.62	45	1954	19.29	1.77E-10	Upper
019-02	0.977	0.332	0.97	8	1982	0.14	9.27E-06	Lower
019-02	0.922	0.287	0.96	8	1982	0.15	1.80E-05	Middle
019-02	0.997	0.030	0.87	17	1982	1.41	5.55E-08	Upper
019-05	0.756	0.338	0.88	98	2003	5.41	3.62E-45	Lower
019-05	0.845	0.043	0.95	95	2003	2.40	2.50E-62	Middle
019-05	1.216	-0.624	0.70	104	2003	43.81	1.32E-28	Upper
020-02	0.727	0.739	0.85	116	1959	6.29	2.33E-49	Lower
020-02	0.973	0.300	0.93	117	1957	5.31	2.88E-67	Middle
020-02	1.024	-0.022	0.82	126	1976	16.50	1.22E-48	Upper
020-04	0.944	0.438	0.98	262	1976	5.03	1.86E-210	Lower
020-04	0.905	0.205	0.91	271	1990	17.50	2.87E-145	Middle
020-04	0.856	-0.167	0.67	274	1976	82.59	1.69E-67	Upper
020-06	0.846	0.710	0.83	27	1998	3.06	2.89E-11	Lower
020-06	0.842	0.220	0.93	25	1963	1.06	1.66E-14	Middle
020-06	1.031	-0.340	0.57	34	1963	20.59	2.11E-07	Upper
020-07	0.862	0.847	0.94	237	1968	8.38	5.67E-145	Lower
020-07	0.883	0.572	0.93	241	1968	10.78	1.26E-137	Middle
020-07	1.019	0.163	0.71	249	1962	77.17	3.00E-68	Upper
020-08	0.832	0.594	0.93	15	1997	0.47	4.40E-09	Lower
020-08	0.866	0.365	0.96	15	1997	0.30	1.60E-10	Middle
020-08	0.888	0.183	0.93	19	1997	0.69	2.00E-11	Upper
022-02	0.793	0.578	0.85	92	1959	4.27	4.85E-39	Lower
022-02	0.787	0.383	0.93	91	1959	1.73	6.65E-54	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
022-02	0.732	0.176	0.82	95	1959	4.80	3.62E-36	Upper
022-03	0.967	0.066	1.00	79	1959	0.51	4.61E-92	Lower
022-03	0.933	0.007	1.00	82	1959	0.09	6.02E-125	Middle
022-03	1.220	-0.540	0.87	84	1959	27.83	3.40E-38	Upper
022-04	1.032	0.235	0.54	109	1992	77.41	6.24E-20	Lower
022-04	1.327	-0.417	0.56	118	1992	129.85	2.63E-22	Middle
022-04	1.957	-1.151	0.85	122	1992	64.12	8.66E-52	Upper
022-05	0.988	0.230	0.98	54	1970	0.63	2.44E-47	Lower
022-05	0.977	0.052	0.99	52	1970	0.18	1.51E-58	Middle
022-05	1.034	-0.282	0.85	60	1970	7.63	1.66E-25	Upper
022-07	1.926	-0.886	0.68	46	1982	54.73	1.31E-12	Upper
023-01	0.734	0.395	0.83	72	1981	7.06	1.14E-28	Lower
023-01	1.043	-0.081	0.67	70	1981	32.86	5.46E-18	Middle
023-01	1.782	-0.893	0.90	80	1971	26.08	1.33E-40	Upper
023-05	0.941	0.650	0.96	27	1979	0.71	1.42E-19	Lower
023-05	0.986	0.416	0.99	26	1952	0.24	7.73E-25	Middle
023-05	0.978	0.201	0.98	34	1952	0.60	5.63E-28	Upper
023-09	0.820	0.442	0.87	58	1995	5.26	2.72E-26	Lower
023-09	0.946	0.045	0.95	58	1961	2.15	2.24E-39	Middle
023-09	1.279	-0.911	0.57	69	1972	74.29	5.48E-14	Upper
023-10	0.831	0.593	0.91	66	1952	3.64	1.62E-35	Lower
023-10	0.900	0.237	0.93	67	1990	3.45	3.61E-39	Middle
023-10	1.291	-0.497	0.70	78	1990	44.19	1.82E-21	Upper
023-11	0.810	0.380	0.92	300	1996	12.79	4.75E-163	Lower
023-11	0.875	0.083	0.94	299	1996	11.00	1.43E-180	Middle
023-11	1.178	-0.476	0.75	313	1996	104.35	9.65E-95	Upper
024-01	0.891	-0.033	0.98	9	1972	0.08	1.84E-07	Lower
024-01	1.620	-1.250	1.00	11	1972	0.05	1.90E-12	Middle
024-01	1.604	-1.250	0.98	17	1972	0.74	1.93E-13	Upper
024-02	0.964	0.485	0.82	107	1998	13.67	1.10E-40	Lower
024-02	1.572	-1.249	0.59	107	1998	113.12	4.14E-22	Middle
025-01	0.843	0.475	0.94	9	1997	0.37	1.47E-05	Lower
025-01	0.755	0.240	0.90	6	1997	0.40	3.85E-03	Middle
025-01	0.871	0.139	0.88	14	1967	1.25	7.51E-07	Upper
025-02	0.857	0.276	0.91	194	1956	17.31	1.33E-104	Lower
025-02	0.887	0.004	0.97	192	1956	5.70	2.03E-149	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
025-02	1.494	-0.969	0.90	202	1956	65.34	1.80E-101	Upper
025-07	0.860	0.222	0.94	45	1978	0.24	1.49E-27	Middle
025-07	0.873	0.035	0.77	53	1978	1.23	1.06E-17	Upper
025-08	0.708	0.695	0.88	249	1967	8.71	1.29E-117	Lower
025-08	0.786	0.369	0.91	250	1967	8.28	1.96E-129	Middle
025-08	0.824	0.096	0.80	264	1967	22.99	1.16E-94	Upper
026-02	0.843	0.562	0.87	117	1951	8.64	4.89E-52	Lower
026-02	0.931	0.160	0.96	113	1963	2.51	2.70E-82	Middle
026-02	1.261	-0.454	0.67	129	1963	66.47	2.75E-32	Upper
026-06	0.783	0.365	0.88	295	1995	19.60	1.26E-135	Lower
026-06	0.832	0.077	0.87	300	1979	24.06	1.87E-134	Middle
026-06	1.061	-0.449	0.71	312	1979	112.72	1.17E-84	Upper
026-07	0.758	0.483	0.85	296	1950	22.80	5.57E-123	Lower
026-07	0.789	0.196	0.88	302	1950	19.86	1.28E-138	Middle
026-07	0.862	-0.192	0.69	312	1950	79.74	2.89E-80	Upper
026-08	0.691	0.032	0.86	48	1952	3.18	5.82E-21	Lower
026-08	1.491	-1.179	0.91	48	1971	7.56	6.57E-26	Middle
026-08	1.328	-1.252	0.81	62	1971	19.08	4.48E-23	Upper
026-10	0.799	0.406	0.92	41	1972	2.07	7.14E-23	Lower
026-10	0.928	0.114	0.96	46	1972	1.35	2.36E-31	Middle
026-10	0.904	0.069	0.96	51	1972	1.42	4.12E-36	Upper
030-02	0.963	0.042	0.99	5	1976	0.05	5.63E-04	Lower
030-02	1.258	-0.598	0.83	16	1976	3.06	8.04E-07	Upper
030-03	0.969	0.107	0.95	136	1987	4.20	2.80E-91	Lower
030-03	0.948	-0.134	0.89	133	1987	9.42	8.59E-66	Middle
030-03	1.680	-1.131	0.97	142	1987	8.32	1.05E-108	Upper
034-02	0.939	0.318	0.99	21	1951	0.10	2.19E-22	Lower
034-02	0.997	0.154	0.99	23	1951	0.20	2.45E-22	Middle
034-02	0.948	0.027	0.99	24	1951	0.14	1.07E-24	Upper
038-03	0.798	0.618	0.85	175	1991	13.02	3.24E-72	Lower
038-03	0.805	0.293	0.90	173	1995	7.83	5.24E-88	Middle
038-03	0.809	-0.018	0.67	185	1995	38.43	2.05E-45	Upper
038-30	0.902	0.369	0.93	132	1982	7.16	7.57E-77	Lower
038-30	0.878	0.021	0.89	131	1982	10.95	5.38E-64	Middle
038-30	1.310	-0.796	0.75	137	1982	68.47	1.47E-42	Upper
046-03	0.841	0.753	0.97	65	1967	1.20	5.36E-50	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
046-03	0.945	0.477	0.98	68	1967	1.17	4.56E-56	Middle
046-03	1.169	-0.095	0.74	73	1967	29.72	1.07E-22	Upper
050-05	0.859	0.403	0.88	18	1986	1.28	1.07E-08	Lower
050-05	0.895	0.237	0.89	22	1986	1.54	3.72E-11	Middle
050-05	0.935	0.062	0.89	24	1986	1.83	6.37E-12	Upper
050-06	0.584	0.956	0.85	7	1988	0.27	3.17E-03	Lower
050-06	0.602	0.813	0.85	11	1988	0.34	4.73E-05	Middle
050-06	1.359	-0.396	0.53	17	1988	15.77	9.08E-04	Upper
053-09	0.770	0.776	0.83	239	1992	17.54	1.18E-93	Lower
053-09	0.864	0.340	0.92	239	1992	9.88	2.83E-129	Middle
053-09	1.078	-0.188	0.69	252	1982	80.32	3.42E-65	Upper
064-02	0.841	0.409	0.94	160	1993	4.20	3.28E-101	Lower
064-02	0.898	0.125	0.97	161	1993	2.76	8.50E-121	Middle
064-02	1.186	-0.535	0.53	166	1993	130.03	9.57E-29	Upper
065-04	0.622	0.951	0.82	208	1996	11.05	2.41E-79	Lower
065-04	0.770	0.457	0.81	211	1996	18.18	4.86E-78	Middle
065-04	1.576	-0.769	0.70	213	1996	142.97	2.46E-57	Upper
148-01	1.019	0.235	0.94	54	1971	3.23	4.07E-33	Lower
148-01	1.136	-0.335	0.59	50	1971	39.21	1.00E-10	Middle
148-01	1.711	-1.258	0.87	62	1971	22.67	8.98E-29	Upper
148-02	0.533	-0.104	0.82	6	1971	0.35	1.31E-02	Lower
148-02	1.185	-1.644	0.66	12	1971	7.71	1.23E-03	Upper
195-04	0.879	0.726	0.95	59	1990	1.49	2.01E-39	Lower
195-04	0.885	0.560	0.98	60	1990	0.59	8.01E-51	Middle
195-04	0.899	0.408	0.97	65	1990	0.91	1.17E-51	Upper
245-90	0.888	0.640	0.94	38	1987	1.35	5.07E-24	Lower
245-90	0.894	0.445	0.95	40	1987	1.13	5.62E-27	Middle
245-90	1.010	0.087	0.65	44	1987	17.68	3.90E-11	Upper
246-01	0.922	0.702	0.96	93	1986	2.24	8.68E-68	Lower
246-01	0.978	0.439	0.97	94	1986	2.09	1.46E-72	Middle
246-01	1.111	0.084	0.83	105	1983	18.87	4.60E-42	Upper
283-09	0.722	0.918	0.88	141	1986	6.82	1.21E-66	Lower
283-09	0.838	0.554	0.91	143	1986	6.78	8.83E-77	Middle
283-09	1.023	0.008	0.67	151	1986	56.06	1.45E-37	Upper
283-30	0.911	0.672	0.94	65	1983	2.80	2.55E-39	Lower
283-30	1.048	0.291	0.96	65	1987	1.91	1.97E-47	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
283-30	1.523	-0.810	0.66	72	1983	63.41	3.85E-18	Upper
373-01	1.231	-0.068	0.76	39	1990	0.10	3.59E-13	Middle
373-01	1.117	-0.143	0.51	40	1990	0.25	2.58E-07	Upper
424-05	0.984	0.451	0.98	4	1998	0.03	8.01E-03	Middle
424-05	0.847	0.098	0.96	7	1998	0.13	1.36E-04	Upper
836-08	0.880	-0.045	0.99	4	1951	0.06	7.20E-03	Lower
836-08	1.473	-1.404	0.99	10	1951	0.29	3.78E-09	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-04	1.066	0.119	0.96	17	1955	0.45	5.66E-12	Lower
001-04	0.982	0.043	0.97	17	1955	0.25	2.29E-13	Middle
001-04	0.711	-0.184	0.70	21	1955	2.62	2.15E-06	Upper
001-08	1.790	-1.207	0.59	17	1947	23.42	3.00E-04	Upper
002-01	1.096	-0.229	0.81	40	1951	7.89	3.20E-15	Lower
002-01	1.749	-1.080	0.99	44	1951	0.91	5.23E-44	Middle
002-01	1.582	-1.220	0.95	45	1951	4.14	1.63E-29	Upper
006-02	2.350	-1.282	0.80	32	1971	32.68	5.72E-12	Lower
006-02	2.230	-1.368	0.81	34	1976	29.21	5.35E-13	Middle
006-02	1.977	-1.554	0.80	36	1976	26.42	2.58E-13	Upper
007-01	0.947	0.290	0.96	32	1947	0.61	7.65E-23	Lower
007-01	0.952	0.064	0.96	32	1971	0.81	8.31E-22	Middle
007-01	1.087	-0.232	0.71	36	1971	9.24	9.87E-11	Upper
007-02	0.463	0.660	0.59	19	1969	1.90	1.34E-04	Lower
007-02	1.249	-0.099	0.57	22	1969	19.39	4.63E-05	Middle
007-02	1.649	-0.846	0.78	26	1950	19.45	2.78E-09	Upper
008-01	0.884	0.281	0.88	137	1952	10.73	4.02E-64	Lower
008-01	1.049	-0.405	0.53	133	1952	96.76	4.50E-23	Middle
008-01	1.455	-1.782	0.60	143	1952	152.65	1.83E-29	Upper
008-02	1.348	-0.450	0.56	177	1952	234.25	3.45E-33	Lower
008-02	2.028	-1.252	0.86	177	1952	107.54	2.60E-77	Middle
008-02	1.866	-1.384	0.84	185	1954	109.60	1.02E-75	Upper
008-03	0.973	0.435	0.97	145	1954	3.82	9.97E-109	Lower
008-03	1.039	0.118	0.98	146	1954	3.09	5.01E-120	Middle
008-03	1.841	-0.809	0.93	150	1954	32.65	5.50E-87	Upper
008-04	1.333	-0.655	0.58	35	1972	48.37	9.03E-08	Lower
008-04	1.938	-1.376	0.88	40	1972	21.51	6.23E-19	Middle
008-04	1.867	-1.457	0.87	46	1972	23.35	2.17E-21	Upper
008-09	0.703	0.194	0.80	22	1958	3.18	2.16E-08	Lower
008-09	1.719	-0.752	0.88	17	1958	7.10	2.84E-08	Middle
008-09	1.491	-1.139	0.88	34	1971	10.76	3.85E-16	Upper
008-30	0.936	0.193	0.86	14	1972	1.96	1.62E-06	Lower
008-30	1.900	-1.073	0.91	16	1971	5.27	8.93E-09	Middle
008-30	1.659	-1.273	0.92	21	1971	4.77	7.64E-12	Upper
011-01	1.200	-0.557	0.57	93	1947	108.10	3.87E-18	Lower
011-01	1.562	-1.661	0.85	99	1947	46.46	3.07E-41	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
011-01	1.418	-1.748	0.82	105	1982	46.76	1.12E-40	Upper
011-02	1.196	-0.576	0.74	125	2002	68.79	1.52E-37	Lower
011-02	1.518	-1.249	0.94	119	1949	18.79	7.34E-74	Middle
011-02	1.483	-1.456	0.93	135	1949	24.13	6.27E-78	Upper
012-13	0.684	0.064	0.86	86	1952	7.53	8.65E-38	Lower
012-13	1.490	-0.954	0.83	85	1972	43.49	8.59E-34	Middle
012-13	1.467	-1.187	0.86	95	1972	38.59	3.71E-41	Upper
013-04	0.879	0.449	0.95	35	1965	1.02	4.60E-23	Lower
013-04	0.815	0.038	0.91	36	1965	1.66	2.19E-19	Middle
013-04	1.096	-0.697	0.71	43	1965	15.56	1.24E-12	Upper
013-06	1.669	-1.196	1.00	25	1962	0.21	1.78E-30	Lower
013-06	1.586	-1.274	0.98	27	1962	1.06	1.40E-23	Middle
013-06	1.545	-1.321	0.99	29	1962	0.90	5.48E-27	Upper
014-02	1.114	0.185	0.98	27	1972	0.46	5.04E-23	Lower
014-02	1.376	-0.319	0.85	20	1972	5.43	9.95E-09	Middle
014-02	1.893	-0.933	0.97	39	1972	2.88	4.92E-29	Upper
014-04	1.123	0.153	0.75	42	1972	13.15	1.09E-13	Lower
014-04	1.030	0.101	0.99	38	1972	0.25	1.06E-39	Middle
014-04	1.844	-1.185	0.90	50	1972	14.27	3.69E-25	Upper
015-02	1.634	-1.225	1.00	48	1956	0.62	4.53E-57	Lower
015-02	1.576	-1.287	1.00	46	1956	0.59	1.98E-54	Middle
015-02	1.522	-1.332	0.99	55	1956	1.40	1.79E-55	Upper
015-03	0.931	0.030	0.99	56	1956	0.39	4.21E-55	Lower
015-03	0.873	-0.050	1.00	56	1956	0.10	1.18E-68	Middle
015-03	1.501	-0.632	0.77	59	1956	29.61	6.38E-20	Upper
015-04	0.967	0.574	0.92	72	1982	3.49	7.47E-41	Lower
015-04	1.060	0.202	0.91	73	1982	4.68	1.05E-39	Middle
015-04	1.166	-0.169	0.70	79	1982	28.23	7.44E-22	Upper
015-05	1.509	-0.110	0.82	45	1972	21.09	1.16E-17	Lower
015-05	2.020	-0.781	0.99	47	1972	2.68	8.14E-43	Middle
015-05	1.853	-0.955	0.98	51	1977	3.92	1.23E-41	Upper
015-06	1.863	-1.022	0.65	98	1974	115.35	1.73E-23	Middle
015-06	1.798	-1.356	0.71	104	2004	87.39	7.32E-29	Upper
015-07	1.025	0.389	0.94	216	1959	9.32	9.83E-134	Lower
015-07	1.041	0.227	0.95	216	1972	7.71	5.08E-144	Middle
015-07	1.314	-0.267	0.80	223	1972	62.79	2.91E-79	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
015-31	1.382	-1.757	0.62	150	1980	144.92	5.32E-33	Middle
015-31	1.376	-1.757	0.66	164	1966	138.41	7.66E-40	Upper
016-01	0.879	0.591	0.87	116	1977	10.57	3.61E-53	Lower
016-01	1.360	-0.371	0.55	116	1978	137.62	9.42E-22	Middle
016-01	2.038	-1.269	0.85	123	1977	73.82	2.22E-51	Upper
019-01	0.721	0.430	0.90	31	1999	1.55	8.82E-16	Lower
019-01	1.238	-0.277	0.73	32	1954	16.36	6.12E-10	Middle
019-01	1.661	-1.360	0.80	37	1954	20.33	6.67E-14	Upper
019-02	1.054	0.128	0.98	4	1982	0.07	8.39E-03	Lower
019-02	1.057	0.121	0.98	5	1982	0.09	1.15E-03	Middle
019-02	0.946	-0.018	0.87	10	1982	1.14	9.24E-05	Upper
019-05	0.874	-0.042	0.98	76	1993	0.58	2.93E-68	Lower
020-02	0.913	0.450	0.91	79	1959	5.11	3.22E-41	Lower
020-02	1.061	-0.044	0.75	80	1959	23.42	4.94E-25	Middle
020-02	1.621	-0.883	0.85	87	1976	29.62	1.54E-36	Upper
020-04	1.087	0.235	0.98	190	1976	5.39	3.40E-154	Lower
020-04	1.052	0.128	0.98	195	1990	5.23	8.68E-158	Middle
020-04	1.849	-0.813	0.95	199	1990	33.13	4.08E-132	Upper
020-06	1.014	0.111	0.98	16	1963	0.31	9.88E-13	Lower
020-06	1.284	-0.129	0.75	15	1963	6.19	3.35E-05	Middle
020-06	1.549	-1.638	0.63	21	1998	24.82	1.70E-05	Upper
020-07	0.888	0.289	0.90	188	1968	14.20	4.62E-93	Lower
020-07	1.001	-0.344	0.51	192	1962	149.41	3.68E-31	Middle
020-07	1.706	-1.504	0.75	197	1962	150.62	2.01E-61	Upper
020-08	0.869	0.037	0.94	10	1997	0.34	3.39E-06	Lower
020-08	1.615	-0.724	0.85	11	1997	3.49	6.02E-05	Middle
020-08	1.761	-1.074	0.98	13	1997	0.47	3.30E-11	Upper
022-03	0.893	-0.036	0.99	79	1959	0.85	8.46E-81	Lower
022-03	0.859	-0.072	0.99	82	1959	0.97	1.05E-80	Middle
022-03	1.416	-1.042	0.92	84	1959	20.74	1.11E-47	Upper
022-04	1.867	-1.225	0.81	100	1992	64.35	1.09E-36	Upper
022-05	0.942	0.316	0.97	36	1970	0.81	1.89E-27	Lower
022-05	0.891	0.263	0.96	34	1970	0.84	7.83E-25	Middle
022-05	1.024	-0.055	0.86	40	1956	5.51	6.32E-18	Upper
022-07	1.655	-0.672	0.59	39	1982	54.78	9.79E-09	Middle
022-07	1.884	-1.110	0.73	45	1982	41.02	7.89E-14	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
023-01	0.626	-0.256	0.90	72	1981	2.88	2.63E-36	Lower
023-01	1.618	-1.119	0.91	70	1971	15.40	1.27E-37	Middle
023-01	1.550	-1.178	0.91	78	1981	16.59	8.54E-42	Upper
023-05	0.980	0.629	0.98	28	1979	0.44	1.19E-23	Lower
023-05	0.993	0.429	0.99	26	1952	0.19	6.39E-26	Middle
023-05	1.054	0.111	0.85	35	1952	5.64	5.29E-15	Upper
023-09	0.695	0.702	0.84	46	1972	4.29	5.18E-19	Lower
023-09	0.921	0.354	0.91	45	1972	3.91	1.13E-23	Middle
023-09	0.861	-0.093	0.75	54	1961	13.14	1.68E-17	Upper
023-10	1.822	-1.042	0.72	63	1952	68.45	1.41E-18	Middle
023-10	1.785	-1.286	0.76	70	1990	57.48	6.50E-23	Upper
023-11	0.812	0.373	0.92	191	1984	9.80	1.13E-103	Lower
023-11	0.795	0.062	0.88	186	1996	13.37	1.34E-87	Middle
023-11	1.363	-0.865	0.73	201	1984	115.50	6.78E-59	Upper
024-01	1.527	-1.374	0.95	5	1972	0.61	4.78E-03	Lower
024-01	1.467	-1.433	0.97	5	1972	0.33	2.24E-03	Middle
024-01	1.401	-1.487	0.95	11	1972	0.96	2.53E-07	Upper
024-02	1.379	0.139	0.66	89	1998	48.91	2.32E-22	Lower
024-05	1.746	-0.555	0.73	48	1991	40.06	1.62E-14	Middle
024-05	1.963	-1.219	0.81	57	1961	33.02	1.15E-21	Upper
025-01	1.775	-1.344	0.85	7	1967	3.28	2.92E-03	Lower
025-01	1.661	-1.206	1.00	5	1967	0.00	1.80E-06	Middle
025-01	1.625	-1.576	0.83	11	1967	4.99	1.02E-04	Upper
025-02	0.936	-0.246	0.78	194	1956	61.07	8.65E-66	Lower
025-02	1.517	-1.249	0.96	192	1956	25.93	8.80E-132	Middle
025-02	1.416	-1.348	0.95	202	1956	29.54	4.69E-129	Upper
025-07	0.959	0.080	0.81	28	1978	0.97	8.07E-11	Middle
025-07	0.753	-0.145	0.52	35	1978	2.50	1.04E-06	Upper
025-08	0.805	0.708	0.86	201	1962	12.24	4.44E-87	Lower
025-08	0.933	0.365	0.89	201	1967	12.04	4.52E-98	Middle
025-08	1.007	0.001	0.82	214	1982	27.96	6.25E-80	Upper
026-02	0.837	0.673	0.92	67	1963	2.92	3.85E-37	Lower
026-02	1.649	0.102	0.74	62	1951	41.09	5.08E-19	Middle
026-02	2.041	-0.698	0.89	78	1963	27.83	9.54E-39	Upper
026-06	1.485	-0.449	0.73	186	1995	147.11	2.45E-54	Lower
026-06	1.649	-1.341	0.75	187	1979	169.24	5.71E-57	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-06	1.530	-1.503	0.76	201	1995	143.96	5.21E-64	Upper
026-07	0.969	0.068	0.86	244	1950	30.37	1.84E-106	Lower
026-07	1.764	-1.398	0.73	240	1950	229.66	2.56E-69	Middle
026-07	1.593	-1.560	0.72	260	1971	211.50	5.75E-74	Upper
026-08	0.922	0.028	0.95	39	1952	1.76	5.53E-25	Lower
026-08	1.563	-0.963	0.93	36	1952	6.18	8.32E-21	Middle
026-08	1.549	-1.184	0.94	50	1971	6.66	1.90E-30	Upper
026-10	1.219	-1.107	0.88	25	1972	6.36	4.49E-12	Lower
026-10	1.347	-1.437	0.95	26	1972	2.79	5.07E-17	Middle
026-10	1.210	-1.565	0.89	33	1972	6.96	3.84E-16	Upper
030-02	1.719	-1.123	0.98	4	1976	0.19	7.86E-03	Lower
030-02	1.572	-1.201	0.95	13	1976	1.26	2.20E-08	Upper
030-03	1.501	-0.688	0.89	104	1987	22.33	5.24E-51	Lower
030-03	1.683	-1.170	1.00	99	1987	0.93	4.02E-117	Middle
030-03	1.513	-1.317	0.96	109	1987	8.63	2.74E-75	Upper
034-02	1.789	-1.067	1.00	21	1951	0.07	4.72E-29	Lower
034-02	1.744	-1.115	1.00	23	1951	0.03	5.10E-36	Middle
034-02	1.713	-1.150	1.00	24	1951	0.03	1.88E-38	Upper
038-03	1.053	0.194	0.94	125	1991	6.04	1.70E-76	Lower
038-03	0.960	0.005	0.96	120	1991	3.19	1.20E-83	Middle
038-03	1.415	-1.050	0.52	131	1995	157.84	1.56E-22	Upper
038-30	1.282	-0.379	0.73	79	1982	48.67	8.71E-24	Lower
038-30	1.761	-1.072	0.99	79	1982	3.60	8.96E-73	Middle
038-30	1.659	-1.187	0.99	82	1982	2.30	3.79E-82	Upper
046-03	1.651	-1.117	0.67	53	1967	73.50	6.52E-14	Lower
046-03	1.920	-1.505	0.84	56	1967	38.88	2.00E-23	Middle
046-03	1.802	-1.557	0.85	60	1967	35.81	1.49E-25	Upper
050-05	0.912	-0.008	0.97	15	1986	0.30	3.17E-11	Lower
050-05	0.842	-0.096	0.98	19	1986	0.25	2.61E-15	Middle
050-05	1.619	-1.229	0.98	20	1986	0.76	4.84E-17	Upper
050-06	0.845	0.004	0.97	6	1988	0.10	4.01E-04	Lower
050-06	0.717	-0.096	0.94	4	1988	0.13	3.21E-02	Middle
050-06	1.141	-0.873	0.50	12	1988	10.55	9.94E-03	Upper
053-09	1.460	-0.630	0.59	179	1992	191.20	1.03E-35	Middle
053-09	1.793	-1.254	0.78	196	1982	125.27	2.19E-65	Upper
064-02	1.795	-0.945	0.69	158	1993	144.77	9.68E-42	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
064-02	1.755	-1.318	0.76	163	1993	101.44	2.33E-51	Upper
065-04	0.767	0.685	0.89	141	1996	7.24	2.35E-67	Lower
065-04	1.439	-0.156	0.69	141	1996	89.47	7.78E-37	Middle
065-04	1.652	-1.382	0.76	145	1996	85.30	7.62E-46	Upper
148-01	1.076	-0.239	0.51	36	1971	45.01	1.08E-06	Lower
148-01	1.697	-0.962	0.86	36	1971	16.93	2.83E-16	Middle
148-01	1.546	-1.204	0.86	40	1971	17.49	4.52E-18	Upper
148-02	1.490	-1.395	0.99	6	1971	0.06	9.86E-06	Lower
148-02	1.414	-1.469	0.99	7	1971	0.08	1.58E-06	Middle
148-02	1.334	-1.553	0.98	10	1971	0.35	3.74E-08	Upper
195-04	0.971	0.123	0.97	47	1990	0.89	8.34E-37	Lower
195-04	0.854	-0.046	0.96	44	1990	0.88	1.78E-31	Middle
195-04	1.467	-0.985	0.84	52	1990	15.37	2.17E-21	Upper
245-90	1.501	-1.675	0.60	28	1987	32.54	1.28E-06	Middle
245-90	1.529	-1.636	0.66	33	1987	32.00	9.79E-09	Upper
246-01	0.972	0.180	0.95	49	1986	2.38	8.06E-33	Lower
246-01	1.108	-0.152	0.82	50	1986	14.01	1.88E-19	Middle
246-01	1.773	-1.079	0.99	56	1986	2.50	6.66E-52	Upper
283-09	1.693	-1.629	0.73	94	1986	78.71	3.82E-28	Middle
283-09	1.696	-1.629	0.77	101	1983	76.08	2.09E-33	Upper
283-30	0.695	0.558	0.70	41	1987	6.48	1.17E-11	Lower
283-30	1.052	0.051	0.65	40	1983	17.25	4.28E-10	Middle
283-30	1.813	-0.824	0.87	46	1983	17.12	3.44E-21	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-04	1.875	-1.489	0.69	31	1955	21.32	7.59E-09	Lower
001-04	1.814	-1.523	0.68	31	1955	20.45	1.12E-08	Middle
001-04	1.746	-1.600	0.69	36	1955	22.97	4.47E-10	Upper
001-08	0.971	0.128	0.95	13	1947	0.41	1.05E-08	Lower
001-08	1.631	-0.469	0.76	15	1947	7.92	2.27E-05	Middle
001-08	1.429	-1.590	0.63	17	1947	14.08	1.47E-04	Upper
002-01	1.511	-1.088	0.92	45	1951	6.13	1.05E-25	Lower
002-01	1.562	-1.252	0.97	48	1951	2.91	5.80E-36	Middle
002-01	1.483	-1.314	0.94	51	1951	4.92	5.74E-32	Upper
005-05	0.236	0.216	0.72	6	1959	0.00	3.20E-02	Lower
006-02	1.399	-1.390	0.63	32	1971	28.37	6.43E-08	Lower
006-02	1.612	-1.830	0.81	32	1976	15.13	2.59E-12	Middle
006-02	1.564	-1.863	0.81	36	1976	16.06	1.06E-13	Upper
007-01	0.665	-0.056	0.69	53	1971	4.86	1.04E-14	Lower
007-01	0.554	-0.156	0.61	51	1971	4.46	1.72E-11	Middle
007-02	0.473	0.130	0.53	22	1969	4.06	1.30E-04	Lower
007-02	0.899	-0.399	0.52	25	1969	19.79	5.02E-05	Middle
007-02	1.356	-1.146	0.79	34	1950	18.11	1.78E-12	Upper
008-01	0.844	-0.047	0.91	115	1952	5.32	3.25E-62	Lower
008-01	1.258	-1.952	0.50	121	1952	132.47	7.14E-20	Upper
008-02	1.632	-1.481	0.81	154	1954	93.32	8.31E-57	Lower
008-02	1.655	-1.569	0.85	156	1954	72.82	2.63E-65	Middle
008-02	1.617	-1.598	0.84	163	1954	75.90	1.13E-66	Upper
008-03	1.912	-0.923	0.94	106	1954	22.84	2.81E-65	Middle
008-03	1.839	-1.000	0.93	114	1954	28.28	1.50E-65	Upper
008-04	1.574	-1.705	0.86	31	1972	13.80	5.72E-14	Lower
008-04	1.577	-1.673	0.86	36	1972	15.45	6.50E-16	Middle
008-04	1.466	-1.784	0.85	41	1972	15.79	7.48E-18	Upper
008-09	1.231	-0.827	0.69	13	1973	9.55	4.08E-04	Lower
008-09	1.590	-1.230	0.95	16	1958	3.07	3.26E-10	Middle
008-09	1.473	-1.334	0.94	23	1958	3.98	2.38E-14	Upper
008-30	1.724	-1.113	0.98	13	1971	0.62	2.50E-11	Lower
008-30	1.671	-1.297	0.91	14	1971	3.70	1.28E-07	Middle
008-30	1.656	-1.273	0.92	21	1972	4.37	4.17E-12	Upper
011-01	0.534	-0.178	0.79	104	1947	7.83	3.07E-36	Lower
011-01	0.840	-0.641	0.59	106	1947	52.33	6.73E-22	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
011-01	1.281	-1.220	0.78	120	1943	54.45	2.07E-40	Upper
011-02	1.009	-0.863	0.76	151	2002	46.59	3.79E-48	Lower
011-02	1.325	-1.370	0.93	143	1949	18.30	1.27E-83	Middle
011-02	1.275	-1.409	0.90	164	1949	27.53	5.96E-83	Upper
012-13	0.677	-0.127	0.75	123	1972	19.90	3.28E-38	Lower
012-13	1.509	-1.380	0.86	120	1961	47.74	7.76E-52	Middle
012-13	1.407	-1.530	0.88	134	1972	37.92	3.02E-62	Upper
013-04	1.642	-1.211	0.99	34	1959	0.76	1.55E-33	Lower
013-04	1.570	-1.290	0.99	34	1965	0.68	1.05E-33	Middle
013-04	1.448	-1.389	0.98	41	1965	1.59	5.69E-34	Upper
013-06	1.527	-1.313	0.98	50	1962	1.29	9.96E-44	Lower
013-06	1.474	-1.366	0.97	50	1962	1.97	9.38E-40	Middle
013-06	1.428	-1.404	0.96	56	1962	2.84	5.46E-40	Upper
014-02	1.662	-1.150	0.97	27	1972	2.03	7.29E-20	Lower
014-02	1.629	-1.214	0.98	17	1972	0.66	4.84E-15	Middle
014-02	1.555	-1.247	0.95	39	1972	3.36	1.74E-25	Upper
014-04	0.913	-0.129	0.63	28	1972	12.60	4.11E-07	Lower
014-04	0.830	-0.069	0.85	26	1972	3.08	1.62E-11	Middle
014-04	1.550	-1.218	0.78	37	1972	20.93	3.73E-13	Upper
015-02	1.548	-1.332	0.99	43	1956	1.07	7.45E-45	Lower
015-02	1.473	-1.410	1.00	41	1956	0.06	1.42E-66	Middle
015-02	1.447	-1.435	1.00	49	1956	0.32	6.95E-63	Upper
015-04	0.779	-0.133	0.55	68	1982	21.74	6.75E-13	Lower
015-04	1.538	-1.563	0.61	74	1982	67.64	1.57E-16	Upper
015-05	1.479	-1.032	0.90	72	1972	15.08	4.18E-37	Lower
015-05	1.541	-1.339	0.92	72	1972	12.72	1.06E-40	Middle
015-05	1.498	-1.482	0.87	84	1977	23.63	4.09E-38	Upper
015-06	1.435	-1.896	0.63	101	2004	83.26	2.24E-23	Middle
015-06	1.413	-1.935	0.64	105	2004	80.80	1.64E-24	Upper
015-07	1.433	-0.959	0.67	251	1959	161.51	1.84E-62	Lower
015-07	1.633	-1.449	0.77	251	1972	132.07	4.56E-81	Middle
015-07	1.570	-1.517	0.77	261	1972	123.12	1.86E-84	Upper
015-31	0.972	-0.061	0.78	153	1980	30.46	1.12E-51	Lower
015-31	1.647	-1.280	0.74	156	1980	113.30	5.87E-47	Middle
015-31	1.381	-1.718	0.63	163	1963	146.01	2.75E-36	Upper
016-01	0.625	-0.062	0.69	127	1978	17.08	1.36E-33	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
016-01	1.403	-1.145	0.62	127	1977	116.28	5.58E-28	Middle
016-01	1.649	-1.527	0.83	136	2004	58.67	9.98E-53	Upper
019-01	1.607	-1.146	0.63	32	1999	37.38	7.18E-08	Lower
019-01	1.709	-1.503	0.80	35	1954	20.62	5.60E-13	Middle
019-01	1.617	-1.651	0.76	37	1954	23.53	3.07E-12	Upper
019-02	0.643	-0.259	0.69	9	1982	1.53	5.73E-03	Upper
019-05	1.394	-1.972	0.57	82	1993	87.41	1.67E-16	Lower
019-05	1.337	-2.012	0.57	78	1993	78.55	1.88E-15	Middle
019-05	1.338	-2.002	0.58	88	2003	84.34	7.92E-18	Upper
020-02	0.565	0.150	0.85	100	1957	3.99	1.70E-41	Lower
020-02	1.280	-0.684	0.77	100	1959	33.38	1.65E-33	Middle
020-02	1.480	-1.038	0.87	110	1976	23.56	6.83E-50	Upper
020-04	1.380	-0.644	0.84	244	1976	78.42	7.20E-97	Lower
020-04	1.727	-1.096	0.99	247	1976	8.80	3.51E-230	Middle
020-04	1.640	-1.184	0.98	255	1990	12.29	3.03E-215	Upper
020-06	0.828	-0.080	0.95	27	1963	0.77	7.93E-18	Lower
020-06	1.001	-0.497	0.59	28	1963	14.84	2.05E-06	Middle
020-06	1.634	-1.500	0.74	35	1963	25.91	3.00E-11	Upper
020-07	1.054	-0.326	0.53	216	1962	166.47	8.78E-37	Lower
020-07	1.795	-1.391	0.78	222	1968	154.07	2.21E-74	Middle
020-07	1.666	-1.525	0.78	228	1962	138.55	6.80E-76	Upper
020-08	1.235	-0.607	0.74	12	1997	4.94	3.42E-04	Lower
020-08	1.672	-1.144	0.98	14	1997	0.63	2.56E-11	Middle
020-08	1.659	-1.154	0.97	16	1997	0.83	1.37E-12	Upper
022-02	0.852	0.278	0.83	69	1959	3.57	9.48E-28	Lower
022-02	0.859	0.284	0.83	66	1959	3.50	2.76E-26	Middle
022-03	1.487	-1.024	0.92	56	1959	19.18	8.91E-31	Lower
022-03	1.441	-1.444	0.99	57	1959	1.61	2.10E-59	Middle
022-03	1.385	-1.506	1.00	60	1959	0.48	2.19E-77	Upper
022-04	1.474	-1.202	0.68	111	1992	89.49	6.43E-29	Middle
022-04	1.592	-1.443	0.81	119	1992	57.37	7.89E-44	Upper
022-05	1.500	-1.086	0.90	50	1970	8.78	8.19E-26	Lower
022-05	1.508	-1.308	0.97	50	1970	2.87	6.93E-37	Middle
022-05	1.437	-1.391	0.97	56	1970	2.91	2.95E-41	Upper
022-07	1.441	-1.218	0.54	37	1982	45.32	2.67E-07	Lower
022-07	1.327	-1.881	0.61	34	1982	28.28	5.29E-08	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
022-07	1.273	-1.970	0.57	42	1982	36.05	9.47E-09	Upper
023-05	1.507	-1.174	0.87	13	1979	3.61	3.37E-06	Lower
023-05	1.554	-1.323	1.00	10	1979	0.00	2.96E-133	Middle
023-05	1.518	-1.337	0.97	17	1952	1.09	4.10E-13	Upper
023-09	1.499	-1.835	0.69	39	1995	41.61	7.27E-11	Middle
023-09	1.465	-1.841	0.71	47	1961	43.49	1.50E-13	Upper
023-10	1.536	-1.521	0.75	50	1990	35.65	5.74E-16	Middle
023-10	1.467	-1.594	0.74	55	1990	36.57	5.04E-17	Upper
023-11	1.402	-1.064	0.67	270	1984	203.39	9.97E-66	Lower
023-11	1.627	-1.418	0.85	276	1997	96.73	1.88E-115	Middle
023-11	1.584	-1.472	0.85	283	1996	97.45	3.25E-116	Upper
024-01	1.384	-1.500	1.00	8	1972	0.03	4.02E-09	Lower
024-01	1.375	-1.478	0.95	11	1972	0.61	4.23E-07	Middle
024-01	1.357	-1.517	0.99	16	1972	0.20	1.60E-15	Upper
024-05	0.620	-0.180	0.85	36	1961	2.02	1.54E-15	Lower
024-05	1.594	-1.521	0.80	49	1991	22.35	3.76E-18	Upper
025-01	1.676	-1.192	1.00	4	1967	0.00	2.67E-06	Middle
025-01	1.425	-1.760	0.74	8	1967	4.29	6.21E-03	Upper
025-02	0.806	-0.012	0.86	190	1956	26.72	1.07E-81	Lower
025-02	0.798	-0.256	0.62	189	1956	96.11	2.64E-41	Middle
025-02	1.517	-1.498	0.85	198	1956	106.35	5.44E-82	Upper
025-07	1.456	-1.334	0.97	40	1978	0.28	1.97E-31	Middle
025-07	1.352	-1.350	0.92	42	1978	0.74	7.16E-24	Upper
025-08	1.205	-0.924	0.50	176	1962	179.35	5.19E-28	Lower
025-08	1.640	-1.479	0.77	173	1982	93.98	3.55E-57	Middle
025-08	1.566	-1.548	0.76	190	1967	98.74	6.18E-61	Upper
026-02	1.480	-0.736	0.74	84	1963	48.55	1.01E-25	Lower
026-02	1.564	-1.509	0.73	79	1987	55.11	1.07E-23	Middle
026-02	1.566	-1.555	0.72	96	1963	67.32	1.07E-27	Upper
026-06	1.074	-0.289	0.66	210	1979	106.12	6.66E-51	Lower
026-06	1.670	-1.357	0.78	211	1995	137.14	2.76E-71	Middle
026-06	1.551	-1.467	0.79	225	1979	125.66	3.12E-77	Upper
026-07	1.243	-1.051	0.57	182	1950	183.80	2.25E-34	Lower
026-07	1.305	-1.831	0.63	186	1950	154.70	5.18E-42	Middle
026-07	1.281	-1.848	0.66	196	1992	145.58	3.37E-47	Upper
026-08	1.288	-1.312	0.89	20	1952	5.35	3.04E-10	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-08	1.328	-1.531	0.97	19	1971	1.36	1.55E-14	Middle
026-08	1.303	-1.436	0.91	32	1971	5.71	2.32E-17	Upper
026-10	0.628	-0.221	0.75	44	1972	4.81	2.34E-14	Lower
026-10	0.598	-0.231	0.66	44	1972	6.04	1.61E-11	Middle
026-10	0.946	-0.806	0.68	54	1972	17.88	1.31E-14	Upper
030-02	1.511	-1.354	1.00	4	1976	0.04	2.00E-03	Lower
030-02	1.446	-1.331	0.93	14	1976	1.51	3.29E-08	Upper
030-03	1.557	-1.257	0.97	131	1987	5.73	6.75E-105	Lower
030-03	1.505	-1.301	0.96	133	1987	7.40	8.69E-97	Middle
030-03	1.452	-1.359	0.96	137	1987	9.11	7.65E-94	Upper
034-02	0.906	-0.018	0.96	20	1951	0.62	9.31E-14	Lower
034-02	0.855	-0.070	0.98	21	1951	0.28	1.81E-17	Middle
034-02	1.460	-0.661	0.83	23	1951	8.46	1.56E-09	Upper
038-03	0.681	-0.214	0.91	164	1991	5.09	5.46E-86	Lower
038-03	1.556	-1.575	0.70	174	1995	115.29	2.27E-47	Upper
038-30	1.578	-1.050	0.90	77	1982	21.57	9.35E-40	Lower
038-30	1.601	-1.273	1.00	77	1982	0.07	9.83E-132	Middle
038-30	1.532	-1.345	1.00	81	1982	0.69	2.74E-99	Upper
046-03	0.767	-0.087	0.89	57	1967	3.86	5.06E-28	Lower
046-03	0.692	-0.166	0.86	60	1967	4.04	7.87E-27	Middle
050-05	0.780	-0.102	0.84	15	1986	1.29	1.36E-06	Lower
050-05	0.755	-0.126	0.80	19	1986	2.09	2.11E-07	Middle
050-05	0.700	-0.176	0.72	20	1986	2.88	2.11E-06	Upper
050-06	0.491	-0.345	0.90	5	1988	0.12	1.45E-02	Lower
050-06	1.479	-1.867	0.75	14	1988	6.92	6.41E-05	Upper
053-09	0.742	-0.139	0.95	214	1992	4.20	3.36E-139	Lower
053-09	0.924	-0.460	0.75	214	1982	41.33	1.83E-65	Middle
053-09	1.520	-1.225	0.88	228	1992	48.92	2.31E-104	Upper
064-02	1.707	-1.467	0.67	153	1993	141.54	2.35E-38	Middle
064-02	1.524	-1.823	0.62	159	1993	143.51	4.78E-35	Upper
065-04	0.510	-0.002	0.73	198	1996	12.22	9.99E-58	Lower
065-04	1.593	-0.987	0.87	196	1996	48.83	1.63E-87	Middle
065-04	1.686	-1.460	0.83	203	1996	75.07	1.08E-79	Upper
148-01	1.291	-1.732	0.83	31	1971	8.09	1.64E-12	Lower
148-01	1.207	-1.841	0.79	32	1971	8.76	7.69E-12	Middle
148-01	1.297	-1.720	0.81	36	1971	11.90	7.99E-14	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
195-04	1.646	-1.136	0.93	52	1990	7.88	1.04E-30	Lower
195-04	1.566	-1.220	0.94	52	1990	5.89	6.02E-32	Middle
195-04	1.503	-1.308	0.95	57	1990	5.06	1.44E-37	Upper
245-90	0.682	0.168	0.74	33	1987	4.14	1.25E-10	Lower
245-90	1.656	-1.502	0.67	39	1987	39.63	1.66E-10	Upper
246-01	0.793	-0.121	0.89	92	1986	5.64	7.34E-45	Lower
246-01	0.896	-0.358	0.74	95	1986	21.01	4.81E-29	Middle
246-01	1.608	-1.197	0.96	104	1986	8.97	1.13E-71	Upper
283-09	1.387	-1.877	0.64	81	1986	60.44	4.97E-19	Lower
283-09	1.246	-1.988	0.61	82	1966	51.47	7.48E-18	Middle
283-09	1.325	-1.924	0.70	89	1986	51.98	2.33E-24	Upper
283-30	0.704	-0.016	0.83	45	1983	3.71	4.83E-18	Lower
283-30	1.700	-0.869	0.86	44	1983	15.14	7.75E-20	Middle
283-30	1.604	-1.302	0.85	52	1983	19.18	3.69E-22	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	1.772	-1.652	0.65	23	1996	23.20	3.58E-06	Lower
001-01	1.670	-1.724	0.65	26	1996	23.31	7.46E-07	Middle
001-01	1.627	-1.759	0.68	28	1996	20.88	5.83E-08	Upper
001-02	1.455	-0.501	0.62	141	1945	180.55	1.12E-30	Lower
001-02	1.817	-1.473	0.75	140	1945	150.67	7.59E-43	Middle
001-02	1.709	-1.565	0.77	160	1945	134.38	2.67E-52	Upper
001-07	1.011	0.087	1.00	41	1952	0.20	1.25E-48	Lower
001-07	1.738	-0.978	0.97	38	1952	3.93	2.11E-30	Middle
001-07	1.682	-1.182	0.98	50	1952	3.71	3.01E-41	Upper
001-08	1.054	-0.159	0.73	55	1947	26.89	1.01E-16	Lower
001-08	1.440	-0.735	0.82	53	1947	28.52	9.02E-21	Middle
001-08	1.687	-1.387	0.92	66	1947	18.98	3.07E-36	Upper
001-09	1.716	-1.143	1.00	17	1969	0.23	2.79E-19	Lower
001-09	1.581	-1.290	1.00	16	1969	0.14	6.78E-19	Middle
001-09	1.494	-1.383	1.00	21	1969	0.21	5.26E-24	Upper
002-01	1.780	-1.078	1.00	33	1951	0.04	5.91E-57	Lower
002-01	1.765	-1.094	1.00	34	1947	0.08	6.34E-54	Middle
002-01	1.555	-1.307	0.96	42	1947	4.93	2.19E-30	Upper
002-04	2.105	-0.701	0.99	10	1947	0.46	5.16E-09	Middle
002-04	1.760	-1.045	0.97	14	1947	1.51	2.21E-10	Upper
002-05	1.312	-0.583	0.85	20	1947	10.05	7.79E-09	Lower
002-05	1.682	-1.152	0.99	20	1947	1.12	1.35E-18	Middle
002-05	1.554	-1.251	0.96	30	1947	4.44	5.09E-21	Upper
003-03	1.979	-1.435	0.57	14	1947	27.21	1.91E-03	Middle
003-03	1.905	-1.434	0.67	20	1947	24.06	9.81E-06	Upper
003-04	0.888	0.780	0.97	33	1968	0.61	4.61E-25	Lower
003-04	0.947	0.704	0.96	31	1968	0.80	2.32E-22	Middle
003-04	2.253	-0.503	0.95	37	1968	7.91	6.29E-24	Upper
003-05	1.613	-1.234	0.99	22	1969	1.09	5.25E-20	Lower
003-05	1.550	-1.300	0.99	23	1969	0.89	3.90E-21	Middle
003-05	1.385	-1.538	0.94	32	1969	4.75	1.10E-19	Upper
003-07	1.903	-0.940	1.00	5	1972	0.06	7.20E-05	Lower
003-07	1.679	-1.188	1.00	3	1972	0.00	8.66E-17	Middle
003-07	1.758	-1.130	0.98	11	1972	0.62	4.36E-09	Upper
003-08	1.918	-0.930	0.99	16	1972	0.83	1.55E-14	Lower
003-08	1.820	-1.054	0.98	16	1972	0.96	1.88E-13	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-08	1.626	-1.243	0.97	21	1972	1.76	8.92E-16	Upper
003-11	1.969	-0.885	1.00	11	1980	0.12	1.19E-12	Lower
003-11	1.953	-0.898	1.00	12	1980	0.11	1.21E-14	Middle
003-11	1.867	-1.008	0.98	15	1980	0.81	5.25E-13	Upper
004-04	1.656	-1.193	0.98	14	1962	0.38	3.38E-11	Middle
004-04	1.515	-1.296	0.76	18	1962	4.28	2.20E-06	Upper
004-05	1.761	-1.561	0.75	25	1962	23.92	2.24E-08	Middle
004-05	1.559	-1.751	0.77	29	1962	20.26	3.77E-10	Upper
004-32	1.995	-0.837	1.00	9	1956	0.14	8.94E-10	Lower
004-32	1.962	-0.872	1.00	10	1956	0.09	2.65E-11	Middle
004-32	1.746	-1.111	0.97	14	1956	1.35	2.48E-10	Upper
005-01	0.666	1.155	0.83	52	1951	2.56	1.37E-20	Lower
005-01	0.720	0.886	0.75	53	1951	4.75	6.15E-17	Middle
005-07	0.877	0.736	0.94	8	2001	0.21	6.30E-05	Lower
005-07	0.894	0.587	0.97	5	2001	0.06	1.96E-03	Middle
007-04	1.915	-0.922	0.99	116	1970	2.00	1.58E-132	Lower
007-04	1.719	-1.133	0.98	117	1952	7.01	4.21E-98	Middle
007-04	1.459	-1.419	0.98	123	1952	3.71	1.78E-111	Upper
010-33	1.771	-0.638	0.68	16	1980	19.51	7.90E-05	Middle
010-33	2.212	-1.020	0.81	26	1980	22.04	4.23E-10	Upper
013-06	1.831	-1.023	1.00	9	1962	0.04	7.29E-12	Lower
013-06	1.683	-1.391	0.91	11	1962	3.40	4.24E-06	Middle
013-06	1.551	-1.482	0.93	14	1962	3.04	2.97E-08	Upper
013-09	1.834	-1.364	0.66	9	1954	13.06	8.20E-03	Lower
013-09	2.032	-1.055	0.79	8	1954	7.61	3.27E-03	Middle
013-09	1.809	-1.423	0.66	14	1954	18.30	3.97E-04	Upper
017-04	1.924	-1.020	0.89	13	1947	6.52	1.22E-06	Lower
017-04	1.761	-1.081	0.98	12	1947	0.92	4.14E-10	Middle
017-04	1.670	-1.274	0.82	25	1947	15.20	5.85E-10	Upper
026-10	1.817	-1.361	0.67	34	1967	44.43	2.98E-09	Lower
026-10	1.647	-1.495	0.65	33	1967	38.37	1.38E-08	Middle
026-10	1.561	-1.601	0.67	39	1967	37.80	2.17E-10	Upper
036-03	0.981	0.663	0.96	13	1997	0.29	6.67E-09	Lower
036-03	1.117	0.395	0.97	12	1997	0.19	3.77E-09	Middle
036-03	1.635	-1.017	0.53	16	1997	19.79	1.34E-03	Upper
038-02	0.776	0.356	0.94	4	1976	0.08	3.04E-02	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
038-02	1.786	-1.465	0.70	8	1976	6.40	9.88E-03	Upper
043-05	0.916	0.724	0.92	17	1993	0.94	1.41E-09	Lower
043-05	1.818	-0.240	0.77	17	1992	12.59	3.14E-06	Middle
043-05	1.944	-0.881	0.83	22	1992	12.46	3.41E-09	Upper
050-05	0.938	0.499	0.99	12	1986	0.09	1.76E-11	Lower
050-05	0.974	0.360	0.99	11	1986	0.06	2.84E-11	Middle
050-05	1.168	-0.169	0.84	17	1986	3.90	2.64E-07	Upper
051-01	1.412	-0.450	0.79	11	1975	6.42	2.46E-04	Lower
051-01	1.809	-0.998	0.97	12	1975	1.13	3.48E-09	Middle
051-01	1.563	-1.233	0.95	16	1975	2.15	1.58E-10	Upper
052-01	1.489	0.122	0.56	10	1986	15.72	1.25E-02	Lower
052-01	1.835	-1.404	0.68	11	1986	12.15	1.71E-03	Middle
052-01	1.809	-1.393	0.79	15	1986	11.29	8.28E-06	Upper
052-02	1.935	-0.905	0.99	42	1988	1.09	1.36E-44	Lower
052-02	1.809	-1.044	0.99	42	1988	1.61	5.16E-40	Middle
052-02	1.584	-1.290	0.97	47	1988	3.18	9.97E-37	Upper
052-06	0.978	0.056	0.99	17	1976	0.31	1.93E-15	Lower
052-06	0.942	0.016	1.00	15	1976	0.04	9.49E-19	Middle
052-06	1.329	-0.899	0.84	21	1975	9.40	3.98E-09	Upper
052-08	0.830	0.093	0.94	11	1992	0.60	5.79E-07	Lower
052-08	0.873	-0.017	0.91	11	1975	1.10	6.60E-06	Middle
052-08	1.094	-0.350	0.75	16	1975	7.66	1.35E-05	Upper
053-01	1.959	-0.650	0.85	49	1966	31.70	3.11E-21	Middle
053-01	1.921	-0.703	0.85	53	1989	32.95	7.23E-23	Upper
053-05	0.816	-0.316	0.53	24	1972	18.88	5.36E-05	Lower
053-05	1.218	-0.778	0.71	23	1972	19.72	4.21E-07	Middle
053-05	1.498	-1.552	0.85	29	1972	14.75	8.94E-13	Upper
056-02	1.939	-0.906	0.99	29	1985	0.69	5.95E-32	Lower
056-02	1.894	-0.953	1.00	28	1985	0.31	1.53E-34	Middle
056-02	1.738	-1.131	0.97	37	1986	3.52	2.27E-28	Upper
056-04	0.864	0.184	0.95	24	1988	0.89	9.54E-16	Lower
056-04	0.883	-0.029	0.90	24	1979	2.01	2.63E-12	Middle
056-04	1.430	-1.084	0.90	35	1979	6.56	8.49E-18	Upper
057-03	1.885	-1.362	0.83	5	1986	3.41	3.26E-02	Lower
057-03	1.671	-1.628	0.80	9	1986	5.31	1.04E-03	Upper
059-01	0.974	0.136	0.65	44	1950	23.79	4.00E-11	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
059-01	1.720	-0.797	0.79	46	1962	33.72	1.05E-16	Middle
059-01	1.709	-1.201	0.92	55	1950	15.55	1.89E-30	Upper
059-02	0.779	1.008	0.92	13	1987	0.40	2.85E-07	Lower
059-02	0.928	0.762	0.93	11	1987	0.43	1.42E-06	Middle
059-02	2.393	0.099	0.85	17	1990	9.83	1.77E-07	Upper
063-03	0.900	0.682	0.89	35	1999	1.82	1.35E-17	Lower
063-03	1.332	-0.120	0.56	33	1999	24.91	6.26E-07	Middle
063-03	1.897	-1.512	0.68	39	1999	35.91	1.31E-10	Upper
064-05	1.975	-0.870	1.00	6	1997	0.01	1.45E-07	Upper
094-01	2.087	-0.728	0.99	11	1991	0.35	9.32E-11	Lower
094-01	1.944	-0.894	0.99	13	1991	0.24	5.37E-14	Middle
094-01	1.723	-1.126	0.99	15	1991	0.38	1.48E-14	Upper
102-01	1.781	-1.038	0.98	75	1953	6.20	2.27E-64	Lower
102-01	1.654	-1.167	0.97	75	1983	8.34	2.75E-57	Middle
102-01	1.462	-1.372	0.95	84	1983	12.69	2.12E-54	Upper
122-01	0.909	-2.232	0.52	31	1982	18.40	5.48E-06	Upper
144-01	0.782	0.598	0.94	6	1978	0.25	1.25E-03	Lower
144-01	0.867	0.252	0.94	8	1986	0.33	6.25E-05	Middle
144-01	0.795	0.201	0.82	15	1986	1.61	3.57E-06	Upper
149-30	1.399	-1.490	0.99	6	1943	0.13	1.55E-05	Lower
149-30	1.407	-1.481	1.00	6	1943	0.00	2.95E-64	Middle
149-30	1.224	-1.678	0.99	9	1943	0.21	1.39E-08	Upper
181-02	1.388	-0.863	0.89	83	1982	27.65	2.23E-40	Lower
181-02	1.506	-1.295	0.97	84	1965	7.76	9.98E-65	Middle
181-02	1.317	-1.497	0.95	91	1965	10.23	4.72E-61	Upper
216-03	1.530	-1.611	0.54	47	1947	44.56	3.81E-09	Lower
216-03	1.457	-1.672	0.53	47	1942	40.94	5.67E-09	Middle
216-03	1.450	-1.700	0.66	53	1942	37.69	1.42E-13	Upper
222-04	1.641	-0.439	0.65	34	1986	29.80	1.04E-08	Lower
222-04	1.855	-0.996	0.99	35	1977	0.51	3.94E-38	Middle
222-04	1.600	-1.270	0.99	37	1977	0.58	4.58E-38	Upper
227-04	1.186	-0.489	0.75	66	1984	45.46	5.75E-21	Lower
227-04	1.539	-1.303	0.97	66	1950	7.20	1.53E-50	Middle
227-04	1.441	-1.400	0.96	72	1988	8.97	5.35E-51	Upper
230-01	1.299	-0.350	0.77	37	1979	22.89	1.06E-12	Lower
230-01	1.700	-1.165	1.00	35	1980	0.30	2.25E-44	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
230-01	1.508	-1.372	1.00	40	1979	0.56	1.74E-45	Upper
237-01	2.226	-1.240	0.64	37	1995	61.98	3.45E-09	Lower
237-01	2.175	-1.281	0.64	42	1995	66.64	2.41E-10	Middle
237-01	1.995	-1.422	0.63	42	1995	57.80	3.55E-10	Upper
242-01	1.905	-0.954	1.00	3	1986	0.02	2.88E-02	Lower
242-01	1.813	-1.047	0.99	4	1986	0.10	3.00E-03	Middle
242-01	1.763	-1.106	0.99	7	1986	0.23	3.61E-06	Upper
245-02	0.945	0.224	0.97	88	1982	2.33	4.15E-66	Lower
245-02	0.958	0.031	0.96	86	1982	3.26	4.44E-59	Middle
245-02	1.024	-0.287	0.79	93	1982	23.30	1.43E-32	Upper
245-90	0.913	0.431	0.95	103	1987	4.24	7.68E-66	Lower
245-90	0.912	0.127	0.54	100	1988	62.01	5.18E-18	Middle
245-90	1.252	-0.544	0.52	111	1987	135.87	3.76E-19	Upper
247-03	1.065	0.540	0.94	62	1988	3.34	6.46E-38	Lower
247-03	2.248	-0.455	0.97	62	1988	6.32	1.06E-48	Middle
247-03	1.811	-1.278	0.66	66	1988	80.98	1.77E-16	Upper
248-02	1.020	0.349	0.58	38	1965	21.15	2.44E-08	Lower
248-02	1.648	-1.388	0.60	36	1965	47.15	2.39E-08	Middle
248-02	1.684	-1.322	0.68	44	1965	47.50	8.19E-12	Upper
250-01	1.085	0.164	0.98	12	1986	0.16	3.16E-10	Lower
250-01	1.063	0.140	0.98	15	1986	0.22	5.07E-13	Middle
250-01	1.297	-0.264	0.87	18	1986	3.14	1.79E-08	Upper
256-10	1.716	-1.149	1.00	10	1986	0.01	1.53E-15	Lower
256-10	1.591	-1.283	1.00	8	1986	0.00	5.19E-98	Middle
256-10	1.474	-1.492	0.90	13	1986	2.54	8.33E-07	Upper
256-30	1.129	-2.002	0.53	22	1983	18.59	1.36E-04	Upper
258-02	1.969	-0.657	0.83	15	1959	6.34	2.56E-06	Lower
258-02	1.917	-0.930	1.00	14	1959	0.08	5.16E-16	Middle
258-02	1.675	-1.160	0.98	20	1971	1.14	3.94E-16	Upper
261-04	1.300	-1.849	0.55	15	1986	14.92	1.47E-03	Upper
262-01	1.151	-2.001	0.76	8	1950	2.90	4.88E-03	Middle
262-01	1.353	-1.881	0.76	11	1950	7.14	4.41E-04	Upper
264-04	1.007	0.193	0.98	33	1981	0.90	6.72E-28	Lower
264-04	1.287	-0.409	0.79	34	1981	19.67	2.78E-12	Middle
264-04	1.658	-1.207	0.99	37	1981	1.77	1.10E-34	Upper
279-04	1.683	-1.535	0.78	25	1986	17.58	6.30E-09	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
279-04	1.637	-1.599	0.80	25	1986	15.78	2.15E-09	Middle
279-04	1.446	-1.762	0.79	29	1986	14.80	1.37E-10	Upper
282-01	1.733	-0.838	0.93	14	1989	3.79	2.69E-08	Lower
282-01	1.766	-1.076	0.99	17	1989	0.88	4.18E-15	Middle
282-01	1.571	-1.287	0.98	20	1989	1.18	1.41E-16	Upper
282-02	1.575	-1.530	0.64	139	1994	149.20	1.69E-32	Middle
282-02	1.429	-1.678	0.64	144	1989	131.47	5.14E-33	Upper
283-30	1.473	-0.568	0.80	34	1987	13.65	8.85E-13	Lower
283-30	1.802	-1.132	0.94	34	1987	5.95	5.29E-21	Middle
283-30	1.642	-1.347	0.87	43	1987	12.59	1.83E-19	Upper
296-03	0.930	0.016	0.98	15	1983	0.23	5.24E-13	Lower
296-03	0.841	-0.051	0.92	17	1983	0.79	9.88E-10	Middle
296-03	1.025	-0.653	0.77	20	1983	6.50	4.51E-07	Upper
316-02	0.797	0.614	0.90	134	1986	7.40	9.78E-67	Lower
316-02	1.076	0.223	0.95	130	1986	5.87	1.86E-85	Middle
316-02	1.533	-0.782	0.65	139	1986	131.54	6.25E-33	Upper
316-03	0.939	0.408	0.98	33	1977	0.42	2.40E-29	Lower
316-03	0.964	-0.041	0.72	35	1977	11.31	1.31E-10	Middle
316-03	1.512	-1.269	0.60	39	1977	51.87	7.10E-09	Upper
832-32	2.197	-1.374	0.76	7	1994	7.44	1.06E-02	Lower
832-32	2.329	-1.274	0.82	5	1994	3.90	3.56E-02	Middle
832-32	2.045	-1.485	0.78	12	1994	9.82	1.46E-04	Upper
836-05	1.716	-1.158	0.99	11	1980	0.34	5.08E-10	Lower
836-05	1.642	-1.236	0.98	10	1980	0.44	2.20E-08	Middle
836-05	1.481	-1.414	0.97	15	1980	0.84	1.20E-11	Upper
837-14	1.402	-0.129	0.70	100	1956	91.28	2.07E-27	Lower
837-14	1.825	-0.925	0.95	101	1987	18.63	1.01E-67	Middle
837-14	1.616	-1.177	0.96	110	1956	13.17	2.52E-78	Upper
837-19	1.643	-1.227	1.00	5	1965	0.00	7.67E-07	Lower
837-19	1.629	-1.242	1.00	5	1965	0.00	8.64E-08	Middle
837-19	1.517	-1.367	0.97	9	1965	0.86	8.06E-07	Upper
838-05	0.982	0.409	0.96	9	1986	0.36	5.43E-06	Lower
838-05	1.318	-0.047	0.83	11	1986	3.37	8.96E-05	Middle
838-05	1.960	-0.828	0.97	14	1986	1.57	2.37E-10	Upper
844-02	1.377	-1.603	0.51	28	1978	27.80	1.82E-05	Middle
844-02	1.316	-1.688	0.51	34	1978	33.29	2.03E-06	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
848-13	1.899	-0.675	0.70	51	1985	53.12	1.44E-14	Upper
849-02	0.855	-0.061	0.95	5	1976	0.20	5.14E-03	Lower
849-02	0.879	-0.046	0.99	9	1976	0.06	1.35E-08	Middle
849-02	0.715	-0.212	0.88	11	1976	0.68	1.85E-05	Upper
849-47	1.910	-0.934	1.00	6	1987	0.05	1.64E-06	Lower
849-47	1.878	-0.972	1.00	5	1987	0.01	1.28E-05	Middle
849-47	1.709	-1.155	0.97	10	1987	0.94	1.95E-07	Upper
853-36	1.006	0.746	0.85	36	1981	3.39	2.11E-15	Lower
853-36	2.072	-0.433	0.83	40	1981	22.98	3.81E-16	Middle
853-36	1.593	-1.284	0.76	44	1981	27.50	2.01E-14	Upper
854-06	1.393	-1.030	0.93	95	1963	21.24	1.80E-54	Lower
854-06	1.467	-1.412	0.98	95	1959	5.24	1.10E-83	Middle
854-06	1.334	-1.558	0.97	106	1959	8.85	5.37E-79	Upper
854-10	0.901	0.439	0.79	120	1979	18.26	4.55E-42	Lower
854-10	1.204	-0.191	0.66	119	1955	63.32	3.17E-29	Middle
854-10	1.801	-1.042	0.91	127	1979	29.64	2.57E-66	Upper
854-11	0.792	0.663	0.87	120	1988	9.50	3.32E-53	Lower
854-11	1.828	-0.342	0.81	118	1988	74.71	2.10E-43	Middle
854-11	1.802	-0.912	0.89	128	1988	43.81	2.60E-61	Upper
854-23	1.769	-0.918	0.96	107	1984	18.08	1.01E-74	Lower
854-23	1.739	-1.106	0.99	104	1984	4.96	2.61E-99	Middle
854-23	1.537	-1.306	0.97	120	1984	10.49	3.85E-92	Upper
855-03	1.047	-0.014	0.86	69	1983	11.73	1.55E-30	Lower
855-03	1.868	-0.989	1.00	68	1983	1.06	4.75E-79	Middle
855-03	1.755	-1.109	0.99	74	1983	2.71	5.94E-71	Upper
855-04	1.851	-1.456	0.56	56	1996	85.22	2.92E-11	Middle
855-04	1.598	-1.700	0.56	64	1996	77.74	9.36E-13	Upper
855-07	1.900	-0.948	1.00	37	1987	0.48	1.53E-45	Lower
855-07	1.756	-1.104	0.99	38	1987	0.65	5.20E-43	Middle
855-07	1.548	-1.327	0.98	42	1987	1.76	5.86E-38	Upper
855-08	0.801	0.992	0.96	4	1979	0.09	1.90E-02	Lower
855-08	1.363	-0.491	0.68	9	1979	8.05	6.10E-03	Upper
855-18	1.595	-1.576	0.82	6	1967	4.44	1.23E-02	Middle
855-18	1.443	-1.877	0.75	12	1967	10.15	2.58E-04	Upper
860-12	1.516	-1.777	0.80	9	1953	7.33	1.14E-03	Lower
860-12	1.481	-1.690	0.88	8	1953	3.69	5.09E-04	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
860-12	1.376	-1.871	0.79	15	1953	10.33	1.00E-05	Upper
861-14	1.325	-0.680	0.84	48	1957	26.94	9.70E-20	Lower
861-14	1.547	-1.327	1.00	49	1957	0.58	7.09E-61	Middle
861-14	1.348	-1.540	0.99	51	1974	1.14	6.37E-54	Upper
861-17	1.503	0.200	0.59	8	1959	8.53	2.50E-02	Lower
861-17	2.730	-0.054	1.00	7	1959	0.06	1.54E-07	Middle
861-17	1.656	-1.393	0.68	12	1959	11.70	1.02E-03	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-02	0.687	0.080	0.83	147	1945	13.22	9.85E-58	Lower
001-02	1.514	-1.197	0.70	142	1945	123.63	1.22E-38	Middle
001-02	1.499	-1.671	0.75	173	1945	117.63	1.25E-53	Upper
001-07	0.632	0.200	0.63	46	1952	11.40	4.15E-11	Lower
001-07	0.651	0.107	0.64	46	1952	12.15	2.41E-11	Middle
001-07	0.647	-0.057	0.63	55	1952	13.84	5.85E-13	Upper
001-08	0.775	-0.125	0.52	56	1947	34.05	2.79E-10	Lower
001-08	0.742	-0.326	0.59	55	1947	23.50	5.55E-12	Middle
001-08	1.151	-0.997	0.65	70	1947	51.63	5.45E-17	Upper
001-09	0.693	-0.110	0.84	28	1969	1.95	5.55E-12	Lower
001-09	0.624	-0.206	0.80	30	1969	2.53	2.28E-11	Middle
001-09	0.639	-0.349	0.60	38	1969	8.37	1.30E-08	Upper
002-01	0.725	-0.085	0.83	49	1947	5.24	5.88E-20	Lower
002-01	1.465	-1.215	0.93	54	1947	8.49	1.50E-31	Middle
002-01	1.444	-1.405	0.97	60	1947	3.85	3.18E-45	Upper
002-04	0.939	-0.532	0.65	11	1947	6.10	2.80E-03	Lower
002-04	1.558	-1.310	0.99	10	1947	0.50	1.19E-08	Middle
002-04	1.521	-1.289	0.96	19	1947	2.55	5.56E-13	Upper
002-05	0.815	0.206	0.88	33	1947	4.07	1.35E-15	Lower
002-05	0.902	-0.006	0.86	32	1947	5.40	3.57E-14	Middle
002-05	1.438	-1.220	0.89	42	1947	13.40	1.90E-20	Upper
003-03	0.768	-0.115	0.96	14	1947	0.26	1.15E-09	Lower
003-03	1.633	-1.679	0.69	21	1947	16.80	2.83E-06	Upper
003-04	1.593	-0.738	0.83	24	1968	12.11	6.32E-10	Lower
003-04	1.717	-1.123	0.99	24	1968	0.97	4.20E-22	Middle
003-04	1.621	-1.234	0.99	29	1968	0.70	4.54E-29	Upper
003-05	0.630	0.036	0.76	31	1969	3.98	2.06E-10	Lower
003-05	0.717	-0.125	0.78	30	1969	4.09	1.04E-10	Middle
003-05	1.310	-1.198	0.82	42	1969	14.35	1.45E-16	Upper
003-07	0.875	-0.064	1.00	5	1972	0.02	1.14E-04	Lower
003-07	0.634	-0.268	0.84	6	1972	0.42	1.03E-02	Middle
003-07	1.254	-0.897	0.81	12	1972	3.93	6.46E-05	Upper
003-08	0.579	0.117	0.60	19	1972	3.73	1.05E-04	Lower
003-08	0.642	-0.183	0.73	21	1972	2.26	8.88E-07	Middle
003-08	0.707	-0.474	0.60	25	1972	6.88	5.76E-06	Upper
003-11	0.792	-0.073	0.87	11	1980	0.77	2.51E-05	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-11	0.809	-0.085	0.89	13	1980	0.82	1.35E-06	Middle
003-11	0.607	-0.235	0.66	16	1980	2.32	1.36E-04	Upper
004-04	0.390	-0.278	0.91	7	1962	0.08	8.77E-04	Middle
004-04	1.210	-1.357	0.65	16	1962	4.58	1.63E-04	Upper
004-05	1.362	-1.977	0.73	20	1962	12.19	1.48E-06	Middle
004-05	1.368	-1.981	0.79	26	1962	13.35	1.15E-09	Upper
004-32	0.792	-0.117	0.94	8	1956	0.28	6.82E-05	Lower
004-32	0.735	-0.139	0.87	10	1956	0.48	7.79E-05	Middle
004-32	0.875	-0.493	0.69	14	1956	4.02	2.48E-04	Upper
005-01	0.896	0.175	0.87	42	1951	1.95	3.15E-19	Lower
005-01	1.279	-2.027	0.60	49	1959	33.54	8.30E-11	Upper
007-04	1.575	-1.260	0.98	127	1970	4.70	1.72E-111	Lower
007-04	1.508	-1.331	0.98	133	1952	5.69	6.41E-110	Middle
007-04	1.412	-1.435	0.98	138	1952	5.52	1.88E-111	Upper
010-33	1.442	-1.766	0.72	11	1980	6.76	1.02E-03	Lower
010-33	1.621	-1.552	0.83	10	1980	5.29	2.63E-04	Middle
010-33	1.500	-1.753	0.73	14	1980	9.09	9.11E-05	Upper
013-06	0.679	-0.229	0.88	18	1962	0.95	6.51E-09	Lower
013-06	1.559	-1.466	0.90	18	1962	3.94	1.40E-09	Middle
013-06	1.451	-1.533	0.91	25	1962	4.26	1.50E-13	Upper
017-04	1.115	-0.612	0.61	10	1947	10.02	7.80E-03	Lower
017-04	1.533	-1.328	0.98	10	1947	0.52	2.15E-08	Middle
017-04	1.399	-1.425	0.85	19	1947	7.69	2.68E-08	Upper
026-10	1.205	-2.001	0.68	27	1967	18.95	1.18E-07	Lower
026-10	1.270	-1.920	0.72	30	1967	20.60	3.84E-09	Middle
026-10	1.306	-1.910	0.71	33	1967	24.30	6.90E-10	Upper
038-02	1.630	-1.632	0.76	8	1976	5.08	4.79E-03	Upper
043-05	0.957	0.196	0.89	14	1993	0.91	3.92E-07	Lower
043-05	2.058	-0.331	0.81	13	1992	6.32	2.78E-05	Middle
043-05	1.457	-1.517	0.60	18	1992	16.96	1.75E-04	Upper
050-05	0.753	0.203	0.82	11	1986	1.25	1.30E-04	Lower
050-05	0.694	0.097	0.73	12	1986	1.86	4.03E-04	Middle
050-05	0.611	-0.054	0.62	16	1986	3.16	2.92E-04	Upper
051-01	1.290	-0.548	0.79	15	1975	6.73	9.65E-06	Lower
051-01	1.708	-1.100	0.97	15	1975	1.25	1.52E-11	Middle
051-01	1.568	-1.207	0.96	20	1975	1.89	3.71E-14	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-01	1.659	-0.904	0.74	11	1986	9.23	6.59E-04	Lower
052-01	1.725	-1.553	0.80	13	1986	8.17	4.14E-05	Middle
052-01	1.648	-1.565	0.82	15	1986	7.98	4.05E-06	Upper
052-02	1.564	-1.289	0.98	28	1988	1.81	4.61E-23	Lower
052-02	1.452	-1.420	0.99	26	1988	0.69	2.55E-25	Middle
052-02	1.390	-1.484	0.99	33	1988	0.79	5.26E-32	Upper
052-06	0.885	-0.004	0.91	20	1975	2.15	9.07E-11	Lower
052-06	0.909	-0.268	0.80	18	1975	5.04	4.60E-07	Middle
052-06	1.494	-1.386	0.96	24	1976	3.23	1.81E-16	Upper
052-08	1.127	-0.176	0.63	11	1992	6.85	3.45E-03	Lower
052-08	2.010	-0.803	0.97	12	1975	0.92	8.90E-09	Middle
052-08	1.662	-1.168	0.95	14	1992	1.98	3.09E-09	Upper
053-01	0.712	0.088	0.81	71	1966	10.13	9.37E-27	Lower
053-01	1.030	-0.512	0.73	75	1989	35.29	2.32E-22	Middle
053-01	1.510	-1.414	0.90	80	1966	23.91	4.88E-41	Upper
053-04	1.524	-1.354	1.00	4	1974	0.05	1.77E-03	Lower
053-04	1.513	-1.363	0.99	5	1974	0.07	2.32E-04	Middle
053-04	1.382	-1.509	1.00	7	1974	0.10	5.80E-07	Upper
053-05	0.862	-0.113	0.72	37	1972	13.75	2.52E-11	Lower
053-05	0.818	-0.223	0.71	33	1972	12.61	9.31E-10	Middle
053-05	1.206	-0.916	0.67	44	1972	37.97	1.10E-11	Upper
056-02	0.807	-0.111	0.68	34	1985	9.80	1.96E-09	Lower
056-02	1.608	-1.205	0.94	30	1985	5.12	3.44E-18	Middle
056-02	1.482	-1.346	0.95	44	1986	4.12	2.02E-29	Upper
056-04	0.766	-0.154	0.86	15	1979	1.62	6.02E-07	Lower
056-04	1.509	-1.338	0.95	17	1988	2.10	1.96E-11	Middle
056-04	1.394	-1.419	0.95	26	1979	2.64	8.59E-17	Upper
057-03	1.732	-1.486	0.81	5	1986	2.87	3.67E-02	Lower
057-03	1.638	-1.211	0.99	4	1986	0.12	6.39E-03	Middle
057-03	1.649	-1.642	0.82	10	1986	5.05	3.31E-04	Upper
059-01	1.479	-1.189	0.86	36	1962	17.90	3.33E-16	Lower
059-01	1.509	-1.482	0.93	36	1950	8.26	2.73E-21	Middle
059-01	1.430	-1.532	0.94	44	1950	8.56	8.23E-27	Upper
059-02	0.909	0.004	0.99	16	1990	0.09	3.88E-15	Lower
059-02	1.830	-1.274	0.80	21	1990	11.11	5.58E-08	Upper
063-03	0.686	0.053	0.81	33	1999	1.92	6.99E-13	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
063-03	1.684	-1.689	0.68	37	1999	27.16	3.98E-10	Upper
094-01	0.745	-0.131	0.91	12	1991	0.44	1.25E-06	Lower
094-01	0.644	-0.217	0.79	14	1991	1.20	2.41E-05	Middle
094-01	0.798	-0.524	0.62	18	1991	4.65	9.59E-05	Upper
102-01	1.602	-1.212	0.94	54	1953	12.94	1.15E-33	Lower
102-01	1.445	-1.405	0.97	54	1983	5.32	5.56E-41	Middle
102-01	1.343	-1.507	0.97	62	1983	5.97	1.87E-45	Upper
122-01	1.402	-1.801	0.69	39	1982	33.64	7.53E-11	Middle
122-01	1.411	-1.778	0.72	44	1982	33.71	3.08E-13	Upper
128-03	1.642	-1.228	1.00	68	1985	0.26	9.69E-99	Lower
128-03	1.564	-1.311	1.00	70	1985	0.17	5.18E-107	Middle
128-03	1.453	-1.431	1.00	72	1983	0.54	2.56E-90	Upper
144-01	0.733	-0.049	0.72	7	1978	1.44	1.54E-02	Lower
144-01	1.541	-1.305	0.97	6	1986	0.47	3.41E-04	Middle
144-01	1.546	-1.472	0.87	15	1986	3.97	3.78E-07	Upper
149-30	1.248	-1.653	1.00	6	1943	0.00	2.91E-13	Lower
149-30	1.178	-1.729	1.00	8	1943	0.01	8.72E-11	Middle
149-30	1.134	-1.776	0.99	9	1943	0.17	1.15E-08	Upper
181-02	1.329	-1.537	0.98	43	1965	2.64	4.56E-36	Lower
181-02	1.261	-1.617	0.98	41	1965	2.11	5.01E-35	Middle
181-02	1.192	-1.659	0.96	50	1965	4.22	2.26E-36	Upper
194-07	1.635	-1.236	1.00	3	1984	0.00	1.66E-17	Lower
194-07	1.499	-1.373	0.99	5	1984	0.11	6.29E-04	Middle
194-07	1.418	-1.468	1.00	7	1984	0.02	2.56E-08	Upper
216-03	1.402	-1.604	0.80	63	1942	49.03	7.22E-23	Lower
216-03	1.469	-1.776	0.88	63	1942	27.97	3.49E-30	Middle
216-03	1.311	-1.898	0.88	71	1942	26.40	4.06E-33	Upper
222-04	1.292	-0.436	0.80	54	1986	30.14	5.51E-20	Lower
222-04	1.555	-1.319	1.00	54	1986	0.24	2.14E-76	Middle
222-04	1.505	-1.373	1.00	57	1977	0.43	1.35E-73	Upper
227-04	1.355	-1.020	0.78	66	1988	44.96	1.11E-22	Lower
227-04	1.451	-1.381	0.95	67	1950	9.13	3.53E-45	Middle
227-04	1.387	-1.439	0.94	71	1988	12.10	2.85E-43	Upper
230-01	1.487	-0.811	0.82	36	1980	20.71	3.38E-14	Lower
230-01	1.611	-1.261	0.99	36	1979	0.61	5.34E-40	Middle
230-01	1.473	-1.408	0.99	40	1979	1.08	1.05E-39	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
237-01	0.698	0.081	0.83	31	1995	2.06	8.57E-13	Lower
237-01	0.975	-0.315	0.75	33	1995	7.20	7.01E-11	Middle
237-01	1.593	-1.399	0.73	36	1995	22.47	3.10E-11	Upper
245-02	1.762	-1.098	0.99	25	1982	0.64	4.03E-25	Lower
245-02	1.536	-1.341	1.00	26	1982	0.27	7.55E-30	Middle
245-02	1.417	-1.469	1.00	29	1982	0.18	3.28E-36	Upper
245-90	1.743	-1.254	0.85	122	1988	56.91	5.03E-51	Middle
245-90	1.677	-1.326	0.84	136	1988	61.53	6.07E-55	Upper
247-03	1.632	-1.445	0.68	66	1988	67.89	2.85E-17	Middle
247-03	1.530	-1.626	0.68	72	1988	61.14	3.31E-19	Upper
248-02	1.143	-1.189	0.57	40	1965	49.21	1.70E-08	Lower
248-02	1.399	-1.707	0.77	41	1965	28.89	4.83E-14	Middle
248-02	1.407	-1.665	0.79	47	1965	29.42	4.91E-17	Upper
250-01	0.703	0.265	0.79	7	1986	0.82	7.16E-03	Lower
250-01	0.728	-0.189	0.89	10	1986	0.64	4.69E-05	Middle
250-01	1.587	-1.257	0.96	11	1986	0.90	7.43E-08	Upper
255-30	0.597	0.011	0.58	7	1994	1.89	4.72E-02	Lower
255-30	1.668	-0.400	0.67	7	1994	4.80	2.49E-02	Middle
255-30	1.348	-1.311	0.84	10	1956	4.15	2.11E-04	Upper
256-10	1.185	-0.374	0.72	15	1986	9.25	6.63E-05	Lower
256-10	1.740	-1.123	1.00	14	1986	0.01	6.55E-24	Middle
256-10	1.672	-1.091	0.93	18	1986	3.94	1.02E-10	Upper
256-30	1.401	-1.769	0.70	23	1983	18.41	6.52E-07	Lower
256-30	1.323	-1.880	0.66	24	1983	19.58	1.33E-06	Middle
256-30	1.301	-1.878	0.70	27	1983	18.44	4.63E-08	Upper
258-01	0.953	-2.065	0.52	25	1987	11.07	4.67E-05	Lower
258-01	1.073	-1.964	0.61	29	1981	14.77	5.47E-07	Upper
258-02	1.101	-0.486	0.65	16	1959	11.50	1.55E-04	Lower
258-02	1.671	-1.196	1.00	15	1959	0.00	6.66E-28	Middle
258-02	1.537	-1.308	0.97	23	1971	1.95	3.39E-18	Upper
261-04	1.688	-1.543	0.67	18	1986	22.08	3.70E-05	Upper
262-01	0.976	-2.153	0.76	8	1950	2.09	4.88E-03	Middle
262-01	1.129	-2.079	0.75	10	1950	4.00	1.29E-03	Upper
264-04	1.384	-0.977	0.83	32	1981	15.91	4.40E-13	Lower
264-04	1.511	-1.367	0.99	32	1981	0.95	2.12E-31	Middle
264-04	1.456	-1.424	0.97	36	1976	2.56	8.96E-29	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
266-01	1.563	-1.137	0.92	37	1978	8.69	4.79E-21	Lower
266-01	1.540	-1.330	1.00	38	1978	0.44	2.08E-44	Middle
266-01	1.450	-1.416	0.99	41	1992	1.50	1.66E-37	Upper
279-04	1.651	-1.544	0.86	36	1986	16.19	7.10E-16	Lower
279-04	1.599	-1.610	0.84	33	1986	15.21	5.55E-14	Middle
279-04	1.520	-1.673	0.84	42	1986	17.15	8.91E-18	Upper
282-01	0.801	0.316	0.80	19	1989	2.62	2.38E-07	Lower
282-01	0.844	-0.081	0.98	18	1989	0.25	1.81E-14	Middle
282-01	1.054	-0.355	0.77	22	1989	6.22	7.94E-08	Upper
282-02	1.579	-1.493	0.68	153	1989	139.45	1.29E-39	Middle
282-02	1.466	-1.640	0.68	161	1989	129.69	7.85E-41	Upper
283-30	0.843	0.152	0.84	13	1987	1.68	9.70E-06	Lower
283-30	0.889	-0.268	0.68	14	1987	5.14	2.60E-04	Middle
283-30	1.605	-1.434	0.85	20	1987	8.61	6.73E-09	Upper
296-03	0.667	0.067	0.71	15	1983	2.74	8.54E-05	Lower
296-03	1.208	-0.881	0.77	15	1983	5.35	1.67E-05	Middle
296-03	1.440	-1.408	0.96	21	1983	1.72	1.13E-14	Upper
316-02	1.572	-1.232	0.66	157	1986	153.97	2.63E-38	Lower
316-02	1.670	-1.489	0.75	152	1986	111.05	6.40E-47	Middle
316-02	1.618	-1.546	0.74	163	1986	114.00	2.81E-49	Upper
316-03	1.101	-0.606	0.56	30	1977	27.64	1.87E-06	Lower
316-03	1.559	-1.610	0.74	33	1977	26.46	1.17E-10	Middle
316-03	1.423	-1.760	0.73	36	1977	25.34	2.82E-11	Upper
372-05	0.980	0.060	0.97	26	1992	0.60	1.96E-19	Lower
372-05	1.994	-0.835	0.99	25	1992	0.64	3.12E-25	Middle
372-05	1.888	-0.947	0.99	29	1992	0.82	5.16E-28	Upper
836-05	1.582	-1.293	1.00	4	1980	0.00	1.37E-33	Lower
836-05	1.471	-1.395	0.98	5	1980	0.30	1.27E-03	Middle
836-05	1.418	-1.443	0.97	8	1980	0.74	1.30E-05	Upper
837-14	1.042	-0.510	0.76	127	1987	59.27	1.80E-40	Lower
837-14	1.520	-1.290	0.96	127	1987	16.21	9.21E-90	Middle
837-14	1.414	-1.386	0.96	139	1956	16.95	5.46E-95	Upper
838-05	1.722	-1.141	1.00	8	1986	0.01	1.86E-11	Lower
838-05	1.681	-1.184	1.00	7	1986	0.03	3.02E-08	Middle
838-05	1.658	-1.187	0.99	13	1986	0.41	5.43E-12	Upper
840-36	0.949	0.328	1.00	36	1984	0.09	2.97E-45	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-36	0.941	0.319	1.00	34	1984	0.10	4.91E-42	Middle
840-36	1.141	-0.114	0.80	39	1984	13.07	1.58E-14	Upper
848-13	0.721	0.195	0.84	52	1985	4.09	1.40E-21	Lower
848-13	0.849	-0.008	0.89	51	1985	3.61	3.47E-25	Middle
848-13	1.441	-1.277	0.63	62	1985	62.57	2.05E-14	Upper
849-02	1.445	-1.404	0.96	5	1976	0.42	3.40E-03	Lower
849-02	1.454	-1.415	0.98	8	1976	0.31	1.35E-06	Middle
849-02	1.330	-1.544	0.98	11	1976	0.45	1.61E-08	Upper
849-47	1.676	-1.177	0.99	7	1987	0.16	2.17E-06	Lower
849-47	1.595	-1.266	0.99	5	1987	0.12	5.50E-04	Middle
849-47	1.519	-1.333	0.97	12	1987	0.70	3.53E-09	Upper
853-36	1.743	-1.317	0.81	60	1981	45.46	2.49E-22	Middle
853-36	1.646	-1.531	0.87	64	1981	27.58	4.54E-29	Upper
854-06	1.251	-1.647	0.99	50	1956	0.92	3.95E-54	Lower
854-06	1.200	-1.701	0.99	50	1959	1.00	2.35E-52	Middle
854-06	1.152	-1.755	1.00	59	1963	0.48	6.49E-72	Upper
854-10	1.646	-0.967	0.85	83	1979	32.74	1.96E-35	Lower
854-10	1.674	-1.216	0.91	86	1979	19.02	2.47E-46	Middle
854-10	1.606	-1.285	0.91	89	1955	18.15	6.88E-48	Upper
854-11	0.901	0.175	0.87	120	1992	12.13	3.10E-54	Lower
854-11	1.534	-0.798	0.81	121	1988	55.53	8.36E-45	Middle
854-11	1.489	-1.602	0.71	129	1988	98.68	7.10E-36	Upper
854-23	1.517	-1.284	0.96	101	1989	11.50	8.72E-72	Lower
854-23	1.497	-1.354	0.97	95	1984	7.21	6.94E-75	Middle
854-23	1.399	-1.452	0.97	115	1984	8.23	2.55E-88	Upper
855-03	1.197	-0.409	0.71	67	1983	39.95	2.35E-19	Lower
855-03	1.746	-1.117	1.00	67	1983	0.26	1.67E-96	Middle
855-03	1.646	-1.224	1.00	71	1983	0.08	2.15E-118	Upper
855-04	1.324	-1.947	0.54	59	1996	52.35	3.24E-11	Upper
855-07	0.770	-0.141	0.94	46	1987	1.49	2.97E-29	Lower
855-07	1.247	-0.784	0.81	44	1987	14.20	8.04E-17	Middle
855-07	1.522	-1.305	0.95	52	1987	5.31	5.31E-35	Upper
855-08	1.666	-1.685	0.74	9	1979	9.11	3.10E-03	Upper
855-18	1.292	-1.239	0.68	9	1967	8.83	6.34E-03	Lower
855-18	1.443	-1.706	0.85	7	1967	3.54	3.05E-03	Middle
855-18	1.374	-1.924	0.77	13	1967	8.87	7.22E-05	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
860-12	1.341	-1.917	0.79	9	1953	6.07	1.36E-03	Lower
860-12	1.232	-1.910	0.86	7	1953	2.65	2.46E-03	Middle
860-12	1.234	-2.055	0.80	13	1953	7.03	3.78E-05	Upper
861-14	1.186	-1.720	1.00	28	1957	0.00		Lower
861-14	1.323	-1.572	1.00	28	1957	0.00		Middle
861-14	1.178	-1.728	1.00	31	1974	0.04	1.33E-42	Upper
861-17	1.203	-1.967	0.62	8	1951	6.38	2.08E-02	Middle
861-17	1.422	-1.734	0.75	10	1959	7.75	1.28E-03	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-02	1.412	-1.850	0.60	91	1945	110.41	3.45E-19	Middle
001-02	1.450	-1.766	0.63	105	1945	123.05	3.96E-24	Upper
001-07	1.016	0.438	1.00	23	1952	0.08	2.93E-28	Lower
001-07	0.992	0.372	1.00	25	1952	0.01	3.25E-44	Middle
001-07	1.475	-0.520	0.82	28	1952	17.02	3.39E-11	Upper
001-08	0.938	-0.058	0.54	35	1947	30.53	4.42E-07	Lower
001-08	1.094	-0.479	0.64	35	1947	29.33	8.53E-09	Middle
001-08	1.640	-1.389	0.87	47	1947	21.64	1.18E-21	Upper
001-09	1.683	-1.184	1.00	9	1969	0.00	2.30E-111	Lower
001-09	1.813	-1.047	0.99	11	1969	0.30	7.70E-10	Middle
001-09	1.682	-1.174	0.97	14	1969	1.07	9.50E-11	Upper
002-01	0.900	0.386	0.95	30	1947	1.62	6.08E-20	Lower
002-01	0.869	0.135	0.88	26	1947	3.63	1.72E-12	Middle
002-01	1.316	-0.773	0.81	39	1947	20.05	1.04E-14	Upper
002-04	1.741	-1.121	1.00	7	1947	0.00	3.62E-80	Middle
002-04	1.610	-1.262	1.00	10	1947	0.03	3.41E-13	Upper
002-05	1.005	0.085	1.00	16	1947	0.04	4.66E-21	Lower
002-05	1.408	-0.802	0.85	19	1947	9.98	1.54E-08	Middle
002-05	1.547	-1.313	0.95	22	1947	3.94	7.25E-15	Upper
003-03	1.337	-1.890	0.52	13	1947	14.53	5.19E-03	Upper
003-04	1.577	0.104	0.62	20	1968	21.47	3.73E-05	Lower
003-04	1.893	-0.944	0.99	21	1968	0.65	2.19E-20	Middle
003-04	1.677	-1.161	0.97	25	1968	1.63	1.00E-19	Upper
003-05	0.830	0.382	0.85	13	1969	1.85	8.42E-06	Lower
003-05	1.205	-0.249	0.77	14	1969	7.84	3.44E-05	Middle
003-05	1.676	-1.258	0.90	24	1969	9.02	1.32E-12	Upper
003-11	2.469	-0.336	1.00	5	1980	0.00	6.63E-49	Middle
003-11	1.723	-1.093	0.91	6	1980	1.66	3.47E-03	Upper
004-04	0.968	0.050	0.99	4	1962	0.03	3.59E-03	Middle
004-04	0.732	-0.154	0.52	11	1962	2.75	1.18E-02	Upper
004-05	1.454	-1.790	0.60	18	1962	21.06	1.72E-04	Lower
004-05	1.560	-1.815	0.68	19	1962	17.80	1.51E-05	Middle
004-05	1.479	-1.899	0.74	24	1962	17.86	6.90E-08	Upper
004-32	1.707	-1.149	0.98	4	1956	0.25	9.28E-03	Middle
004-32	1.574	-1.260	0.95	8	1956	1.07	3.45E-05	Upper
007-04	1.188	-0.225	0.77	62	1952	31.42	1.12E-20	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-04	1.719	-1.108	0.95	66	1970	11.51	4.54E-44	Middle
007-04	1.564	-1.273	0.95	73	1952	10.76	8.53E-48	Upper
010-33	1.606	-1.526	0.58	8	1980	7.41	2.84E-02	Middle
010-33	1.361	-1.836	0.58	13	1980	10.48	2.40E-03	Upper
013-06	1.212	-0.066	0.82	10	1962	3.82	3.06E-04	Lower
013-06	1.870	-1.209	0.92	10	1962	3.65	1.38E-05	Middle
013-06	1.661	-1.370	0.92	17	1962	4.41	1.81E-09	Upper
013-09	1.893	-1.220	0.74	6	1954	6.94	2.86E-02	Middle
013-09	1.489	-1.738	0.52	10	1954	15.16	1.83E-02	Upper
017-04	1.748	-1.114	1.00	6	1947	0.00	1.36E-64	Middle
017-04	1.457	-1.649	0.76	10	1947	4.89	9.43E-04	Upper
043-05	1.044	1.075	0.97	13	1993	0.22	1.69E-09	Lower
043-05	2.978	0.216	1.00	11	1992	0.09	1.06E-12	Middle
051-01	0.955	0.322	0.89	8	1975	0.99	4.69E-04	Lower
051-01	1.530	-0.492	0.80	10	1975	6.86	4.57E-04	Middle
051-01	1.848	-0.920	0.92	11	1975	3.95	3.97E-06	Upper
052-01	1.846	-1.460	0.74	11	1986	10.07	6.65E-04	Middle
052-01	1.677	-1.548	0.74	12	1986	8.88	3.09E-04	Upper
052-02	1.678	-0.773	0.87	19	1988	9.41	5.25E-09	Lower
052-02	1.659	-1.210	0.99	18	1988	0.92	4.75E-16	Middle
052-02	1.474	-1.386	0.97	24	1988	2.01	4.06E-18	Upper
052-08	1.639	-0.898	0.80	7	1975	3.33	6.87E-03	Lower
052-08	1.552	-1.289	0.98	11	1975	0.72	1.42E-08	Upper
053-01	1.522	-1.496	0.68	40	1966	21.07	4.74E-11	Middle
053-01	1.575	-1.434	0.79	45	1989	20.80	4.81E-16	Upper
053-05	1.015	-0.263	0.61	26	1972	23.83	2.59E-06	Lower
053-05	1.731	-1.216	0.95	23	1993	5.69	9.41E-15	Middle
053-05	1.626	-1.439	0.87	30	1972	15.40	3.67E-14	Upper
056-02	0.943	0.542	0.97	17	1986	0.55	6.40E-13	Lower
056-02	1.684	-0.344	0.85	17	1985	9.57	1.18E-07	Middle
056-02	1.850	-0.978	0.96	26	1985	4.45	3.89E-18	Upper
056-04	1.513	-0.553	0.87	12	1979	5.46	9.49E-06	Lower
056-04	1.796	-1.054	0.99	9	1988	0.31	1.25E-08	Middle
056-04	1.443	-1.441	0.98	21	1979	1.14	4.29E-17	Upper
057-03	2.104	-0.739	1.00	3	1986	0.03	2.75E-02	Middle
057-03	1.871	-1.488	0.77	8	1986	6.94	4.20E-03	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
059-01	1.213	-0.510	0.69	30	1962	27.61	1.49E-08	Lower
059-01	1.599	-1.421	0.92	30	1950	8.41	3.05E-17	Middle
059-01	1.507	-1.436	0.88	37	1950	16.49	1.94E-17	Upper
059-02	2.205	-0.776	0.77	8	1990	6.13	3.98E-03	Middle
059-02	1.654	-1.435	0.65	14	1990	11.52	4.56E-04	Upper
094-01	1.074	0.725	0.96	4	1991	0.11	2.09E-02	Lower
094-01	1.875	-0.863	0.90	9	1991	3.31	8.61E-05	Upper
102-01	1.194	-0.128	0.86	58	1983	20.92	2.33E-25	Lower
102-01	1.752	-1.077	0.99	58	1953	3.28	1.61E-55	Middle
102-01	1.544	-1.323	0.95	70	1983	12.70	4.35E-46	Upper
122-01	1.439	-1.774	0.56	32	1982	41.46	7.67E-07	Middle
122-01	1.405	-1.788	0.61	35	1982	39.21	3.48E-08	Upper
128-03	1.893	-0.640	0.93	62	1983	21.37	1.75E-35	Lower
128-03	2.027	-0.812	1.00	61	1985	0.09	4.88E-105	Middle
128-03	1.951	-0.897	0.99	66	1983	3.15	3.19E-65	Upper
181-02	1.346	-1.460	0.92	27	1965	4.01	5.18E-15	Lower
181-02	1.204	-1.701	1.00	26	1965	0.04	4.16E-36	Middle
181-02	1.260	-1.633	0.97	32	1965	2.25	1.39E-23	Upper
194-07	1.897	-0.944	1.00	3	1984	0.03	3.06E-02	Middle
194-07	1.483	-1.398	1.00	8	1984	0.07	1.30E-08	Upper
216-03	1.525	-1.711	0.81	51	1947	31.72	1.73E-19	Lower
216-03	1.418	-1.820	0.81	49	1942	25.33	1.10E-18	Middle
216-03	1.445	-1.769	0.82	59	1942	33.15	3.81E-23	Upper
227-04	1.604	-0.630	0.66	49	1988	43.45	1.35E-12	Lower
227-04	1.775	-1.077	0.97	48	1950	2.24	4.78E-38	Middle
227-04	1.498	-1.369	0.96	54	1988	4.61	1.41E-37	Upper
230-01	1.637	-0.463	0.62	27	1979	23.96	1.13E-06	Lower
230-01	1.913	-0.935	1.00	27	1979	0.00	7.27E-58	Middle
230-01	1.604	-1.269	0.98	30	1979	1.46	4.07E-24	Upper
242-01	1.933	-0.905	1.00	4	1986	0.05	1.29E-03	Middle
242-01	1.698	-1.158	0.95	8	1986	1.10	4.02E-05	Upper
245-02	1.177	0.036	0.87	44	1982	11.59	2.18E-20	Lower
245-02	1.837	-1.017	0.99	42	1982	1.62	7.04E-43	Middle
245-02	1.619	-1.251	0.97	49	1982	5.48	1.06E-36	Upper
245-90	1.549	-1.476	0.67	52	1988	47.91	1.49E-13	Middle
245-90	1.467	-1.566	0.71	61	1987	46.12	1.05E-17	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
248-02	1.133	-1.959	0.58	33	1965	22.84	2.32E-07	Upper
256-30	1.263	-1.884	0.52	22	1983	23.39	1.40E-04	Upper
258-02	1.394	-0.662	0.66	14	1959	11.67	3.80E-04	Lower
258-02	1.810	-1.028	0.98	15	1959	1.06	3.69E-12	Middle
258-02	1.541	-1.337	0.99	18	1971	0.40	1.20E-18	Upper
261-04	1.463	-1.734	0.53	14	1986	19.56	3.08E-03	Upper
264-04	1.565	-0.405	0.51	21	1981	21.61	2.74E-04	Lower
264-04	1.977	-0.867	1.00	22	1981	0.00	2.48E-66	Middle
264-04	1.792	-1.067	0.99	25	1981	0.63	6.82E-25	Upper
279-04	1.443	-1.462	0.54	23	1986	30.00	6.22E-05	Lower
279-04	1.678	-1.556	0.74	23	1986	18.50	1.54E-07	Middle
279-04	1.492	-1.714	0.78	29	1986	16.48	3.00E-10	Upper
282-02	1.583	-1.544	0.62	131	1989	152.46	7.01E-29	Middle
282-02	1.333	-1.780	0.62	138	1989	114.77	1.67E-30	Upper
283-30	1.218	-0.059	0.70	23	1987	14.29	6.46E-07	Lower
283-30	1.946	-1.019	0.95	27	1987	5.43	1.52E-17	Middle
283-30	1.656	-1.372	0.84	31	1987	13.64	3.07E-13	Upper
296-03	1.350	-1.543	1.00	7	1983	0.01	8.21E-10	Upper
396-30	1.158	0.549	1.00	3	1992	0.00	1.03E-02	Lower
396-30	2.061	-0.774	0.94	7	1992	1.42	2.55E-04	Upper
836-05	1.920	-0.924	1.00	9	1980	0.04	1.15E-11	Lower
836-05	1.892	-0.948	0.99	10	1980	0.19	2.52E-10	Middle
836-05	1.794	-1.053	0.96	13	1980	1.64	2.67E-09	Upper
837-14	1.413	-0.253	0.67	82	1987	78.84	4.05E-21	Lower
837-14	1.807	-1.008	0.97	78	1987	6.72	6.87E-61	Middle
837-14	1.571	-1.233	0.94	92	1956	16.38	1.08E-56	Upper
838-05	1.070	0.432	0.98	7	1986	0.12	1.30E-05	Lower
838-05	2.136	-0.695	1.00	7	1986	0.00	6.96E-11	Middle
838-05	2.086	-0.748	1.00	10	1986	0.02	3.78E-15	Upper
840-36	1.065	0.365	0.97	19	1984	0.61	7.01E-15	Lower
840-36	1.404	-0.318	0.77	19	1984	11.68	7.87E-07	Middle
840-36	1.812	-1.046	0.99	22	1984	0.86	3.84E-21	Upper
844-02	1.451	-1.541	0.65	28	1978	28.76	2.66E-07	Middle
844-02	1.538	-1.621	0.69	33	1978	33.39	2.13E-09	Upper
849-02	0.988	0.363	1.00	5	1976	0.01	4.00E-05	Lower
849-02	0.992	0.221	0.99	9	1976	0.08	1.52E-08	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-02	1.288	-0.601	0.85	11	1976	2.94	5.62E-05	Upper
853-36	1.589	-1.604	0.75	41	1981	27.50	3.16E-13	Middle
853-36	1.418	-1.724	0.76	46	1981	26.30	2.99E-15	Upper
854-06	1.349	-0.468	0.87	52	1959	26.38	2.00E-23	Lower
854-06	1.685	-1.182	1.00	52	1959	0.09	8.09E-89	Middle
854-06	1.572	-1.302	0.97	62	1959	7.85	3.22E-48	Upper
854-10	1.730	-0.430	0.50	48	1967	78.42	1.70E-08	Lower
854-10	1.924	-0.952	0.78	50	1979	30.13	2.98E-17	Middle
854-10	1.575	-1.325	0.80	53	1967	19.97	1.03E-19	Upper
854-11	1.465	-1.621	0.53	94	1988	124.94	1.27E-16	Upper
854-23	1.858	-0.995	1.00	47	1979	0.17	8.55E-62	Lower
854-23	1.886	-0.963	1.00	49	1984	0.34	6.85E-62	Middle
854-23	1.765	-1.092	0.98	55	1984	3.16	3.86E-47	Upper
855-03	1.030	0.571	1.00	58	1983	0.17	3.52E-72	Lower
855-03	2.073	-0.565	0.94	58	1983	15.65	2.90E-35	Middle
855-03	2.022	-0.818	0.99	63	1983	2.30	1.73E-63	Upper
855-07	1.769	-0.780	0.87	17	1987	6.94	4.21E-08	Lower
855-07	1.803	-1.052	0.99	16	1987	0.35	1.57E-16	Middle
855-07	1.620	-1.239	0.98	22	1987	1.58	9.27E-18	Upper
855-08	2.362	-0.193	0.88	6	1979	3.52	5.30E-03	Upper
855-18	1.350	-1.944	0.65	10	1967	10.07	5.03E-03	Upper
860-12	1.613	-1.575	0.84	6	1953	4.43	1.01E-02	Middle
860-12	1.320	-1.849	0.64	12	1953	14.42	1.90E-03	Upper
861-14	1.319	-0.463	0.76	37	1957	26.86	2.15E-12	Lower
861-14	1.600	-1.273	0.99	35	1957	0.80	1.00E-36	Middle
861-14	1.311	-1.583	1.00	40	1974	0.30	2.50E-49	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	0.691	0.197	0.92	36	1996	0.85	1.67E-20	Lower
001-01	0.777	-0.087	0.96	38	1996	0.57	1.06E-26	Middle
001-01	1.559	-1.299	0.71	41	1996	24.37	6.35E-12	Upper
001-02	0.688	0.820	0.85	185	1945	14.23	4.19E-76	Lower
001-02	0.953	0.401	0.92	173	1945	12.52	5.00E-94	Middle
001-02	1.277	-0.267	0.73	212	1945	110.42	3.51E-61	Upper
001-03	0.936	0.723	0.98	44	2001	0.41	1.32E-37	Lower
001-03	0.933	0.504	0.99	42	2001	0.29	3.39E-38	Middle
001-07	1.011	0.190	0.99	78	1952	0.57	4.32E-79	Lower
001-07	0.996	0.082	1.00	79	1952	0.27	3.22E-93	Middle
001-07	0.945	0.026	0.99	88	1952	0.66	1.05E-85	Upper
001-08	0.670	0.787	0.84	84	1947	6.35	4.01E-34	Lower
001-08	0.856	0.384	0.86	80	1947	8.29	1.36E-35	Middle
001-08	0.924	0.188	0.84	99	1947	12.97	1.55E-40	Upper
001-09	0.800	0.612	0.95	62	1969	1.04	4.84E-40	Lower
001-09	0.787	0.528	0.95	65	1969	1.04	3.48E-43	Middle
001-09	0.836	0.372	0.93	71	1969	1.73	2.14E-42	Upper
002-01	0.924	0.255	0.97	67	1947	1.24	1.92E-53	Lower
002-01	0.985	0.074	0.99	71	1947	0.82	7.98E-65	Middle
002-01	1.050	-0.161	0.89	81	1947	8.34	5.23E-40	Upper
002-04	0.850	0.478	0.85	19	1947	2.50	2.34E-08	Lower
002-04	0.919	-0.041	0.97	16	1947	0.40	2.31E-12	Middle
002-04	1.575	-0.754	0.88	30	1947	8.99	1.62E-14	Upper
002-05	0.960	0.314	0.98	44	1947	0.69	8.04E-40	Lower
002-05	1.010	0.094	1.00	42	1947	0.14	3.80E-52	Middle
002-05	1.010	-0.060	0.92	55	1947	4.75	4.50E-31	Upper
003-03	0.743	0.873	0.91	15	1947	0.59	5.01E-08	Lower
003-03	0.876	0.604	0.92	17	1947	0.69	1.21E-09	Middle
003-03	1.444	-0.678	0.69	24	1947	15.35	5.00E-07	Upper
003-04	0.909	0.790	0.96	36	1968	0.96	4.48E-26	Lower
003-04	0.973	0.428	0.95	36	1968	1.41	2.41E-24	Middle
003-04	1.330	-0.155	0.81	41	1968	14.83	1.77E-15	Upper
003-05	0.848	0.452	0.94	44	1969	1.72	6.53E-27	Lower
003-05	0.942	0.241	0.97	41	1969	0.89	4.20E-31	Middle
003-05	0.923	0.135	0.92	58	1969	3.04	6.71E-33	Upper
003-07	1.065	0.149	1.00	9	1972	0.03	8.49E-10	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-07	1.013	0.107	0.99	7	1972	0.03	6.69E-07	Middle
003-07	0.981	0.053	0.98	17	1972	0.27	9.03E-14	Upper
003-08	0.950	0.480	0.99	29	1972	0.10	8.24E-32	Lower
003-08	0.966	0.363	0.99	25	1972	0.08	9.67E-28	Middle
003-08	0.959	0.250	0.98	35	1972	0.41	8.17E-30	Upper
003-11	0.903	0.471	0.97	18	1980	0.25	5.83E-14	Lower
003-11	0.912	0.308	0.99	21	1980	0.11	9.99E-21	Middle
003-11	0.968	0.145	0.99	24	1980	0.19	4.52E-22	Upper
004-04	0.784	0.353	0.96	12	1962	0.16	3.63E-08	Middle
004-04	0.895	0.138	0.83	22	1962	0.96	3.00E-09	Upper
004-05	0.552	1.009	0.83	31	1962	1.72	8.24E-13	Lower
004-05	0.606	0.781	0.90	28	1962	1.02	1.42E-14	Middle
004-05	0.708	0.560	0.89	37	1962	2.17	3.62E-18	Upper
004-32	0.944	0.734	0.98	10	1956	0.13	1.42E-08	Lower
004-32	0.890	0.715	0.96	10	1956	0.22	7.99E-07	Middle
004-32	1.132	0.306	0.73	16	1956	6.14	2.27E-05	Upper
005-01	0.620	1.203	0.80	58	1951	3.09	3.17E-21	Lower
005-01	0.584	1.029	0.81	63	1951	3.25	9.29E-24	Middle
005-05	2.530	-2.413	0.63	11	1945	0.14	3.72E-03	Middle
005-05	4.534	-5.257	0.51	13	1945	0.81	6.19E-03	Upper
005-07	0.846	0.918	0.93	8	2001	0.25	1.28E-04	Lower
005-07	0.915	0.742	0.98	5	2001	0.04	9.55E-04	Middle
006-05	1.310	-0.635	0.65	9	1948	6.19	8.33E-03	Lower
007-04	0.947	0.288	0.98	225	1952	2.25	3.89E-189	Lower
007-04	0.940	0.046	0.96	230	1970	4.78	3.75E-158	Middle
007-04	0.829	-0.241	0.60	236	1952	55.19	9.88E-49	Upper
010-33	1.001	0.274	0.95	20	1980	0.73	1.56E-13	Lower
010-33	1.873	-1.180	0.77	26	1980	20.23	4.51E-09	Upper
013-06	0.858	0.290	0.94	23	1962	0.75	1.59E-14	Lower
013-06	0.882	0.073	0.94	25	1962	0.90	2.07E-15	Middle
013-06	1.112	-0.444	0.72	30	1962	10.62	3.95E-09	Upper
013-09	0.682	0.659	0.86	13	1954	0.81	5.84E-06	Lower
013-09	0.771	0.295	0.84	9	1954	0.92	4.68E-04	Middle
013-09	1.799	-0.768	0.87	19	1954	6.75	5.29E-09	Upper
017-04	0.696	0.429	0.81	21	1947	2.30	2.21E-08	Lower
017-04	1.230	-0.451	0.85	21	1947	5.77	3.01E-09	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
017-04	1.505	-0.836	0.81	36	1947	15.33	8.83E-14	Upper
019-01	0.663	1.123	0.83	66	1999	3.08	1.23E-26	Lower
019-01	0.705	0.882	0.89	69	1999	2.30	1.25E-33	Middle
026-10	0.791	-0.011	0.90	47	1967	2.71	1.52E-24	Lower
026-10	1.404	-0.825	0.84	47	1967	16.70	3.18E-19	Middle
026-10	1.513	-1.231	0.93	54	1967	8.18	2.03E-31	Upper
036-04	0.976	0.879	0.99	4	1993	0.01	2.66E-03	Lower
036-04	0.861	0.623	1.00	3	1993	0.01	3.78E-02	Middle
036-04	1.744	-0.448	0.53	8	1993	12.57	4.12E-02	Upper
038-02	1.020	1.462	1.00	3	1976	0.00	1.89E-02	Lower
038-02	1.203	1.169	0.83	5	1976	0.68	3.28E-02	Middle
043-05	0.714	1.035	0.80	26	1993	2.26	6.56E-10	Lower
043-05	0.784	0.709	0.92	25	1992	0.99	6.06E-14	Middle
043-05	0.886	0.522	0.90	31	1992	1.82	5.28E-16	Upper
050-05	0.926	0.333	0.93	18	1986	0.81	1.23E-10	Lower
050-05	0.983	0.094	0.94	16	1986	0.73	5.64E-10	Middle
050-05	0.875	0.002	0.87	24	1986	1.84	2.47E-11	Upper
051-01	0.950	0.270	0.96	18	1975	0.56	6.76E-13	Lower
051-01	0.989	0.070	0.99	16	1975	0.15	2.14E-15	Middle
051-01	1.058	-0.168	0.85	23	1975	3.98	4.79E-10	Upper
052-01	0.676	0.935	0.89	14	1986	0.67	5.01E-07	Lower
052-01	0.860	0.664	0.90	17	1986	1.08	5.96E-09	Middle
052-01	1.185	0.105	0.59	20	1986	15.66	8.44E-05	Upper
052-02	0.915	0.599	0.97	66	1988	0.95	1.56E-52	Lower
052-02	0.905	0.449	0.98	64	1988	0.75	1.12E-53	Middle
052-02	0.954	0.200	0.97	72	1988	1.12	1.61E-57	Upper
052-06	0.993	0.222	0.98	20	1975	0.47	2.61E-17	Lower
052-06	0.937	0.012	0.99	18	1976	0.25	4.43E-17	Middle
052-06	1.601	-1.030	0.94	25	1975	4.81	5.77E-16	Upper
052-08	1.556	-1.071	0.62	28	1975	37.24	6.44E-07	Middle
052-08	1.858	-1.219	0.83	34	1975	23.22	5.05E-14	Upper
053-01	0.579	0.692	0.73	81	1966	12.31	4.69E-24	Lower
053-01	0.908	0.160	0.84	83	1989	15.56	8.01E-34	Middle
053-01	1.534	-0.822	0.82	91	1989	54.82	4.04E-35	Upper
053-04	1.015	0.096	1.00	4	1974	0.00	2.41E-04	Lower
053-04	1.005	0.085	1.00	5	1974	0.00	5.46E-07	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-04	1.277	-0.288	0.86	7	1974	2.67	2.62E-03	Upper
053-05	0.840	0.497	0.91	38	1993	3.36	1.77E-20	Lower
053-05	0.999	0.128	0.97	35	1972	1.32	3.08E-27	Middle
053-05	0.959	0.160	0.92	44	1972	4.01	4.23E-25	Upper
056-02	0.918	0.472	0.97	45	1985	0.80	9.03E-36	Lower
056-02	0.894	0.294	0.96	44	1985	0.95	3.43E-32	Middle
056-02	0.921	0.060	0.93	55	1986	2.42	4.29E-33	Upper
056-04	0.897	0.172	0.97	26	1988	0.56	7.78E-20	Lower
056-04	0.923	0.024	0.97	25	1979	0.53	1.41E-19	Middle
056-04	1.006	-0.192	0.86	36	1979	4.69	6.03E-16	Upper
057-03	0.821	0.914	0.98	6	1986	0.07	1.46E-04	Lower
057-03	0.863	0.543	0.80	6	1986	0.73	1.64E-02	Middle
057-03	0.745	0.493	0.76	12	1986	1.71	2.23E-04	Upper
059-01	0.771	0.486	0.90	58	1962	3.95	4.63E-30	Lower
059-01	0.948	0.143	0.91	58	1950	5.14	3.58E-31	Middle
059-01	1.024	-0.158	0.81	71	1950	18.80	2.50E-26	Upper
059-02	0.845	1.215	0.84	13	1987	1.07	9.77E-06	Lower
059-02	1.142	0.804	0.95	12	1990	0.60	1.01E-07	Middle
059-02	1.970	-0.583	0.60	18	1990	29.38	1.75E-04	Upper
063-03	0.633	1.190	0.84	38	1999	1.59	1.05E-15	Lower
063-03	0.635	0.930	0.88	36	1999	1.07	4.47E-17	Middle
064-05	0.680	0.605	0.77	12	1997	1.03	1.66E-04	Lower
064-05	0.863	0.263	0.97	14	1997	0.18	6.08E-11	Middle
064-05	0.934	0.044	0.97	16	1997	0.24	1.81E-12	Upper
094-01	0.886	0.719	0.96	18	1991	0.37	2.57E-12	Lower
094-01	0.867	0.576	0.96	21	1991	0.42	1.18E-14	Middle
094-01	0.925	0.300	0.97	24	1991	0.38	4.44E-18	Upper
102-01	0.942	0.270	0.98	115	1983	2.60	3.60E-93	Lower
102-01	0.965	0.069	0.99	117	1953	1.36	2.70E-111	Middle
102-01	1.235	-0.464	0.87	128	1983	28.73	1.07E-57	Upper
122-01	0.852	0.583	0.97	48	1982	1.13	1.41E-36	Lower
122-01	0.957	0.307	0.97	51	1982	1.66	1.30E-37	Middle
122-01	1.046	0.050	0.93	56	1982	4.70	1.11E-32	Upper
128-03	0.982	0.268	0.97	105	1985	3.46	5.01E-79	Lower
128-03	0.974	0.054	0.99	106	1985	0.61	1.53E-118	Middle
128-03	0.944	-0.033	0.96	109	1983	4.61	1.42E-74	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
144-01	0.626	0.706	0.81	7	1978	0.64	5.70E-03	Lower
144-01	0.852	0.066	0.97	9	1978	0.16	1.11E-06	Middle
144-01	0.762	0.152	0.67	16	1986	3.38	1.07E-04	Upper
149-30	0.932	0.006	1.00	11	1943	0.03	5.60E-14	Lower
149-30	0.910	-0.018	1.00	13	1943	0.02	4.17E-18	Middle
149-30	1.427	-1.060	0.94	14	1943	3.39	1.30E-08	Upper
181-02	0.857	0.371	0.93	106	1965	6.72	3.72E-62	Lower
181-02	0.962	0.089	0.98	104	1965	1.92	1.34E-92	Middle
181-02	0.961	0.014	0.95	114	1965	6.21	5.82E-75	Upper
194-07	0.958	0.444	0.97	8	1984	0.19	5.95E-06	Lower
194-07	0.893	0.307	0.94	8	1984	0.23	6.60E-05	Middle
194-07	0.924	0.130	0.94	14	1984	0.65	1.01E-08	Upper
216-03	0.557	0.594	0.83	91	1947	6.99	1.21E-35	Lower
216-03	1.058	-0.217	0.66	91	1942	62.65	1.19E-22	Middle
216-03	1.426	-0.886	0.80	102	1942	60.43	6.73E-37	Upper
222-04	0.958	0.231	0.98	58	1977	1.67	9.86E-48	Lower
222-04	0.980	0.064	0.99	58	1977	0.62	3.79E-60	Middle
222-04	1.167	-0.312	0.81	61	1977	26.79	9.30E-23	Upper
227-04	0.861	0.324	0.95	83	1986	4.04	5.57E-56	Lower
227-04	0.958	0.084	0.97	83	1986	3.49	1.06E-61	Middle
227-04	1.738	-1.034	0.96	89	1950	13.99	4.30E-64	Upper
230-01	1.013	0.468	0.99	43	1980	0.43	2.36E-45	Lower
230-01	1.005	0.313	0.99	47	1979	0.46	8.50E-50	Middle
230-01	1.390	-0.300	0.83	47	1979	24.19	3.85E-19	Upper
237-01	0.794	0.828	0.91	39	1995	1.44	7.93E-21	Lower
237-01	0.814	0.575	0.96	43	1995	0.66	1.03E-30	Middle
242-01	0.915	0.509	0.91	6	1986	0.33	2.94E-03	Lower
242-01	0.900	0.475	0.92	9	1986	0.56	4.78E-05	Middle
242-01	0.910	0.344	0.86	12	1986	1.15	1.59E-05	Upper
245-02	0.994	0.373	0.99	95	1982	0.46	5.11E-106	Lower
245-02	1.015	0.196	0.99	94	1982	0.57	1.64E-101	Middle
245-02	0.991	0.078	0.99	100	1982	0.73	9.68E-103	Upper
245-90	0.839	0.463	0.93	151	1987	6.35	7.92E-87	Lower
245-90	0.869	0.206	0.96	150	1988	3.43	1.93E-106	Middle
245-90	0.902	0.012	0.96	161	1988	4.06	3.98E-113	Upper
247-03	0.788	0.456	0.94	88	1988	2.66	3.68E-53	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
247-03	0.898	0.189	0.94	87	1988	2.95	5.47E-55	Middle
247-03	1.091	-0.144	0.71	93	1988	31.47	1.97E-26	Upper
248-02	0.741	0.575	0.88	52	1965	4.15	1.22E-24	Lower
248-02	0.929	0.243	0.89	50	1965	5.33	6.82E-25	Middle
248-02	1.656	-0.960	0.84	60	1965	33.81	1.76E-24	Upper
250-01	0.923	0.489	0.99	12	1986	0.08	4.17E-11	Lower
250-01	0.949	0.334	0.99	14	1986	0.08	4.53E-14	Middle
250-01	0.901	0.188	0.96	18	1986	0.43	1.53E-12	Upper
255-30	0.832	0.500	0.87	7	1994	0.74	2.11E-03	Lower
255-30	0.970	-0.110	0.69	10	1994	4.93	2.93E-03	Middle
255-30	1.656	-0.984	0.89	10	1956	3.94	4.15E-05	Upper
256-10	0.947	0.147	0.94	15	1986	0.90	1.66E-09	Lower
256-10	0.938	0.013	1.00	16	1986	0.00	5.65E-29	Middle
256-10	1.295	-0.411	0.74	18	1986	11.26	4.77E-06	Upper
256-30	0.863	0.716	0.98	30	1983	0.39	1.87E-25	Lower
256-30	0.953	0.544	0.98	32	1983	0.59	5.60E-26	Middle
256-30	1.051	0.189	0.64	35	1983	18.15	6.93E-09	Upper
258-01	0.804	0.104	0.91	37	1995	2.73	8.41E-20	Lower
258-01	1.674	-0.982	0.92	39	1981	11.38	2.10E-21	Middle
258-01	1.616	-1.220	0.92	41	1981	9.87	1.93E-23	Upper
258-02	0.871	0.664	0.95	33	1959	1.21	1.17E-21	Lower
258-02	0.956	0.397	0.96	32	1959	0.93	2.51E-23	Middle
258-02	1.109	-0.021	0.85	40	1971	8.57	5.45E-17	Upper
258-31	0.718	0.229	0.89	21	1995	1.37	2.26E-10	Lower
258-31	1.076	-0.279	0.66	19	1995	11.36	2.13E-05	Middle
258-31	1.642	-0.988	0.88	25	1995	9.63	5.56E-12	Upper
261-04	0.814	0.809	0.93	19	1986	0.75	3.62E-11	Lower
261-04	0.846	0.614	0.95	17	1986	0.46	2.32E-11	Middle
261-04	0.931	0.363	0.90	25	1986	1.82	7.70E-13	Upper
262-01	0.759	0.188	0.93	11	1950	0.40	1.52E-06	Lower
262-01	0.859	0.059	0.95	13	1950	0.53	1.86E-08	Middle
262-01	0.862	-0.097	0.88	17	1950	1.47	2.16E-08	Upper
264-04	0.953	0.475	0.96	38	1981	1.62	9.67E-28	Lower
264-04	1.018	0.294	0.98	39	1976	0.92	5.67E-34	Middle
264-04	1.149	0.060	0.90	44	1981	8.01	1.25E-22	Upper
266-01	0.980	0.105	0.99	46	1992	0.71	7.08E-43	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
266-01	1.144	-0.316	0.79	48	1978	20.38	4.77E-17	Middle
266-01	1.683	-1.165	0.99	50	1978	1.52	7.60E-51	Upper
279-04	0.785	0.732	0.94	39	1986	1.47	3.21E-24	Lower
279-04	0.901	0.464	0.96	39	1986	1.25	2.58E-27	Middle
279-04	1.187	-0.097	0.66	45	1986	31.10	1.48E-11	Upper
282-01	0.933	0.328	0.99	41	1989	0.25	8.83E-40	Lower
282-01	0.976	0.176	0.99	37	1989	0.29	1.23E-34	Middle
282-01	0.977	0.078	0.99	47	1989	0.31	6.67E-46	Upper
282-02	0.961	0.480	0.95	202	1994	8.19	8.74E-129	Lower
282-02	1.011	0.083	0.76	202	1989	49.36	8.34E-65	Middle
282-02	1.595	-0.934	0.59	210	1989	278.62	1.93E-42	Upper
283-30	0.670	1.021	0.88	45	1987	1.64	3.69E-21	Lower
283-30	0.867	0.665	0.93	46	1987	1.79	2.12E-26	Middle
283-30	0.930	0.454	0.92	55	1987	2.36	1.82E-30	Upper
296-03	0.995	0.159	0.99	20	1983	0.24	4.10E-18	Lower
296-03	0.968	0.056	1.00	21	1983	0.06	5.38E-24	Middle
296-03	0.926	0.010	0.99	26	1983	0.12	7.74E-28	Upper
316-02	0.748	0.564	0.89	163	1986	8.77	3.66E-78	Lower
316-02	0.884	0.294	0.88	163	1986	13.35	2.89E-75	Middle
316-02	1.235	-0.168	0.73	169	1986	71.97	3.39E-49	Upper
316-03	0.670	0.756	0.87	42	1977	2.44	1.85E-19	Lower
316-03	0.864	0.440	0.85	42	1977	5.14	7.41E-18	Middle
316-03	1.024	0.145	0.82	48	1977	9.58	1.19E-18	Upper
372-05	0.907	0.492	0.95	36	1992	1.04	2.78E-23	Lower
372-05	0.908	0.027	0.94	35	1992	1.09	3.97E-22	Middle
372-05	0.735	-0.172	0.86	39	1992	2.23	4.14E-17	Upper
396-30	0.734	1.156	0.91	4	1992	0.16	4.78E-02	Lower
396-30	0.806	1.079	0.94	6	1992	0.19	1.23E-03	Middle
396-30	0.785	1.002	0.95	10	1992	0.21	2.01E-06	Upper
832-32	0.546	1.043	0.77	11	1994	0.70	4.18E-04	Lower
832-32	0.407	0.931	0.52	9	1994	0.70	2.86E-02	Middle
832-32	0.429	0.758	0.63	18	1994	1.35	9.35E-05	Upper
836-05	0.941	0.403	0.96	17	1980	0.39	8.47E-12	Lower
836-05	1.001	0.231	0.97	14	1980	0.30	1.62E-10	Middle
836-05	1.269	-0.308	0.87	23	1980	3.52	7.45E-11	Upper
837-14	0.682	0.450	0.88	174	1956	12.75	4.54E-80	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-14	0.824	0.138	0.87	178	1956	19.03	3.29E-81	Middle
837-14	1.569	-0.902	0.87	186	1974	75.05	1.19E-83	Upper
837-19	0.918	-0.005	0.97	8	1965	0.23	5.44E-06	Lower
837-19	1.529	-1.340	0.99	9	1965	0.30	5.59E-08	Middle
837-19	1.403	-1.480	0.97	14	1965	1.04	2.31E-10	Upper
838-05	0.990	0.553	0.95	13	1986	0.55	1.38E-08	Lower
838-05	1.029	0.392	0.93	12	1986	0.74	3.44E-07	Middle
838-05	1.398	-0.244	0.79	18	1986	7.64	8.62E-07	Upper
840-36	0.976	0.531	0.99	36	1984	0.34	5.30E-36	Lower
840-36	0.989	0.370	1.00	35	1984	0.03	3.63E-52	Middle
840-36	1.003	0.221	0.99	39	1984	0.38	3.28E-39	Upper
844-02	0.912	0.575	0.97	41	1978	0.84	5.05E-32	Lower
844-02	0.951	0.407	0.96	41	1978	1.31	1.92E-28	Middle
844-02	1.161	-0.072	0.60	46	1978	35.82	3.13E-10	Upper
847-08	0.944	0.459	0.96	11	1981	0.52	1.24E-07	Lower
847-08	0.888	0.261	0.95	10	1981	0.53	1.59E-06	Middle
847-08	1.502	-0.521	0.85	14	1980	7.33	2.79E-06	Upper
848-13	0.537	0.729	0.78	58	1985	3.65	4.97E-20	Lower
848-13	0.613	0.550	0.76	62	1985	5.93	4.55E-20	Middle
848-13	0.931	0.197	0.74	68	1985	15.93	4.23E-21	Upper
849-02	0.974	0.354	1.00	5	1976	0.02	1.17E-04	Lower
849-02	0.972	0.354	1.00	6	1976	0.03	8.13E-06	Middle
849-02	0.828	0.210	0.93	11	1976	0.47	1.23E-06	Upper
849-47	0.932	0.320	0.99	9	1987	0.07	3.23E-08	Lower
849-47	0.954	0.186	0.99	7	1987	0.07	4.33E-06	Middle
849-47	1.286	-0.265	0.87	14	1987	2.78	9.63E-07	Upper
853-36	0.675	0.742	0.82	79	1981	7.65	2.76E-30	Lower
853-36	0.963	0.285	0.94	79	1981	4.61	2.66E-48	Middle
853-36	0.990	0.005	0.93	88	1981	5.90	6.46E-52	Upper
854-06	0.952	0.056	0.98	128	1963	2.57	5.50E-111	Lower
854-06	1.066	-0.303	0.88	122	1963	22.11	5.45E-58	Middle
854-06	1.586	-1.278	0.99	139	1956	4.96	1.08E-132	Upper
854-10	0.835	0.908	0.94	139	1967	4.43	6.32E-84	Lower
854-10	0.854	0.729	0.95	141	1955	3.84	1.03E-90	Middle
854-10	1.169	0.274	0.67	147	1979	65.71	5.35E-37	Upper
854-11	0.714	0.657	0.85	173	1988	12.25	5.11E-73	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-11	0.924	0.272	0.89	172	1988	15.17	4.24E-82	Middle
854-11	1.029	-0.074	0.72	182	1988	60.77	5.51E-51	Upper
854-23	0.938	0.262	0.97	163	1985	4.90	2.18E-120	Lower
854-23	0.957	0.052	0.99	158	1984	1.75	1.52E-151	Middle
854-23	1.176	-0.377	0.84	178	1984	44.23	5.27E-72	Upper
855-03	0.844	0.266	0.87	106	1983	10.54	5.35E-48	Lower
855-03	1.082	-0.312	0.72	106	1983	45.31	2.03E-30	Middle
855-03	1.673	-1.228	0.94	111	1983	18.02	6.29E-69	Upper
855-04	0.593	0.995	0.78	69	1996	4.72	1.66E-23	Lower
855-04	0.653	0.684	0.81	69	1996	4.58	1.14E-25	Middle
855-07	0.945	0.192	0.94	71	1987	2.98	1.46E-43	Lower
855-07	0.915	0.014	0.98	71	1987	0.72	2.25E-62	Middle
855-07	1.003	-0.311	0.83	77	1987	11.14	7.26E-31	Upper
855-08	0.676	1.097	0.91	5	1979	0.23	1.10E-02	Lower
855-08	0.868	0.706	0.90	4	1979	0.33	4.91E-02	Middle
855-08	0.944	0.540	0.85	10	1979	1.64	1.61E-04	Upper
855-14	0.671	0.630	0.97	8	1980	0.11	7.44E-06	Lower
855-14	1.065	0.408	0.91	5	1979	0.60	1.27E-02	Middle
855-14	1.639	-0.922	0.85	17	1979	6.34	1.24E-07	Upper
855-17	0.875	0.657	0.86	14	1968	1.06	2.11E-06	Lower
855-17	0.869	0.417	0.86	13	1968	1.03	5.39E-06	Middle
855-17	0.904	0.216	0.80	19	1968	2.35	2.98E-07	Upper
855-18	1.760	-1.624	0.81	15	1967	13.75	4.65E-06	Upper
860-12	0.704	0.723	0.90	10	1953	0.67	2.33E-05	Lower
860-12	0.955	0.380	0.90	8	1953	0.95	3.17E-04	Middle
860-12	1.446	-0.861	0.72	16	1953	16.42	3.21E-05	Upper
861-14	0.970	0.339	1.00	53	1957	0.23	4.99E-67	Lower
861-14	1.048	0.134	1.00	54	1957	0.18	6.12E-73	Middle
861-14	1.002	0.085	1.00	56	1957	0.27	3.10E-70	Upper
861-17	0.657	0.463	0.79	11	1959	1.65	2.49E-04	Lower
861-17	1.087	0.002	0.73	13	1959	6.55	2.14E-04	Middle
861-17	1.653	-1.123	0.83	18	1959	12.12	1.30E-07	Upper
863-14	0.944	0.018	0.99	17	1965	0.10	8.83E-18	Lower
863-14	1.397	-0.825	0.92	15	1965	2.70	1.31E-08	Middle
863-14	1.600	-1.269	1.00	23	1965	0.13	3.40E-29	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-02	0.817	0.390	0.88	166	1945	13.73	2.55E-78	Lower
001-02	0.998	-0.179	0.69	155	1945	63.93	1.32E-40	Middle
001-02	1.734	-1.503	0.79	191	1945	141.33	3.51E-65	Upper
001-07	1.634	-0.944	0.95	64	1952	7.91	5.38E-42	Lower
001-07	1.676	-1.201	0.99	64	1952	1.00	1.39E-70	Middle
001-07	1.518	-1.356	0.96	72	1952	5.69	3.82E-51	Upper
001-08	1.244	-0.467	0.71	60	1947	37.63	1.91E-17	Lower
001-08	1.754	-1.199	0.95	54	1947	9.79	4.10E-35	Middle
001-08	1.667	-1.358	0.91	71	1947	19.16	1.96E-37	Upper
001-09	0.768	-0.139	0.95	29	1969	0.61	1.08E-18	Lower
001-09	0.661	-0.236	0.82	29	1969	1.82	1.37E-11	Middle
001-09	1.569	-1.106	0.87	35	1969	8.44	2.44E-16	Upper
002-01	0.961	0.027	0.96	56	1947	1.76	7.95E-41	Lower
002-01	0.954	-0.141	0.89	56	1947	5.91	2.55E-27	Middle
002-01	1.622	-1.222	0.95	67	1947	8.30	1.11E-43	Upper
002-04	1.034	-0.180	0.85	14	1947	3.52	3.29E-06	Lower
002-04	1.702	-1.163	1.00	10	1947	0.02	7.43E-15	Middle
002-04	1.642	-1.179	0.98	23	1947	1.53	2.02E-19	Upper
002-05	1.141	-0.343	0.86	38	1947	9.96	8.82E-17	Lower
002-05	1.647	-1.175	0.98	34	1947	2.16	5.04E-29	Middle
002-05	1.585	-1.259	0.98	47	1947	2.09	3.05E-42	Upper
003-03	1.030	0.468	0.86	11	1947	1.35	4.58E-05	Lower
003-03	1.034	0.098	0.99	10	1947	0.04	3.49E-10	Middle
003-03	1.089	-0.450	0.69	18	1947	7.67	2.04E-05	Upper
003-04	0.944	0.160	0.94	28	1968	1.49	4.95E-17	Lower
003-04	1.763	-0.901	0.93	26	1968	5.77	2.99E-15	Middle
003-04	1.683	-1.145	0.98	32	1968	1.55	1.98E-27	Upper
003-05	1.489	-0.981	0.88	31	1969	9.26	5.52E-15	Lower
003-05	1.537	-1.278	0.98	32	1969	1.37	2.55E-27	Middle
003-05	1.331	-1.281	0.82	42	1969	15.14	2.45E-16	Upper
003-07	0.979	0.114	0.94	8	1972	0.43	6.04E-05	Lower
003-07	1.079	0.153	0.99	5	1972	0.05	3.89E-04	Middle
003-07	1.544	-1.011	0.81	16	1972	7.11	2.22E-06	Upper
003-08	1.095	0.400	0.98	23	1972	0.32	1.85E-20	Lower
003-08	1.177	0.238	0.99	22	1972	0.25	1.77E-20	Middle
003-08	1.298	0.047	0.90	28	1972	3.62	1.01E-14	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-11	0.968	0.352	0.97	15	1980	0.30	3.44E-11	Lower
003-11	1.065	0.152	0.98	19	1980	0.36	3.45E-15	Middle
003-11	0.906	0.021	0.83	20	1980	2.24	2.74E-08	Upper
004-04	1.509	-1.333	0.95	8	1962	0.68	4.42E-05	Middle
004-04	1.331	-1.397	0.76	15	1962	3.13	2.02E-05	Upper
004-05	1.459	-1.605	0.69	22	1962	23.34	1.86E-06	Lower
004-05	1.419	-1.983	0.78	20	1962	11.17	2.11E-07	Middle
004-05	1.295	-2.072	0.82	27	1962	11.38	9.09E-11	Upper
004-32	0.987	0.426	0.99	9	1956	0.05	8.65E-09	Lower
004-32	0.943	0.321	0.93	11	1953	0.42	1.83E-06	Middle
004-32	1.134	-0.256	0.77	13	1956	4.11	9.05E-05	Upper
005-01	0.686	1.409	0.77	48	1959	3.32	2.11E-16	Lower
005-01	0.659	1.085	0.72	49	1951	4.55	1.36E-14	Middle
007-04	1.262	-0.200	0.85	157	1970	30.45	1.19E-64	Lower
007-04	1.765	-1.090	0.99	158	1970	2.77	1.34E-164	Middle
007-04	1.596	-1.240	0.95	166	1952	15.66	4.24E-106	Upper
010-33	0.982	0.372	1.00	11	1980	0.02	7.85E-13	Lower
010-33	0.979	0.157	0.96	12	1980	0.38	1.32E-08	Middle
010-33	0.865	-0.034	0.86	16	1980	1.61	2.65E-07	Upper
013-06	1.686	-1.174	0.99	12	1962	0.22	1.98E-12	Lower
013-06	1.677	-1.386	0.93	16	1962	2.97	1.79E-09	Middle
013-06	1.556	-1.457	0.93	18	1962	3.16	1.32E-10	Upper
013-09	0.754	0.516	0.72	11	1954	1.99	1.01E-03	Lower
013-09	1.897	-0.667	0.84	16	1954	8.54	6.09E-07	Upper
017-04	1.028	-0.327	0.65	15	1947	9.35	2.67E-04	Lower
017-04	1.617	-1.219	0.97	18	1947	1.51	9.97E-14	Middle
017-04	1.412	-1.082	0.82	26	1947	10.50	1.93E-10	Upper
026-10	1.012	-0.638	0.64	29	1967	17.17	2.01E-07	Lower
026-10	1.489	-1.204	0.90	32	1967	8.21	1.26E-16	Middle
026-10	1.415	-1.280	0.90	35	1967	8.02	3.65E-18	Upper
038-02	0.797	0.852	0.82	5	1976	0.54	3.52E-02	Middle
043-05	0.905	0.570	0.93	19	1993	0.73	1.78E-11	Lower
043-05	1.011	0.171	0.96	20	1992	0.66	1.29E-13	Middle
043-05	1.481	-0.337	0.71	23	1992	13.19	3.85E-07	Upper
050-05	0.988	0.056	0.99	15	1986	0.14	9.81E-14	Lower
050-05	0.938	0.004	0.99	14	1986	0.06	1.72E-14	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
050-05	0.854	-0.067	0.98	20	1986	0.23	1.03E-16	Upper
051-01	1.552	-0.992	0.89	9	1975	3.33	1.29E-04	Lower
051-01	1.660	-1.208	1.00	9	1975	0.00	2.92E-14	Middle
051-01	1.625	-1.237	1.00	12	1975	0.11	3.32E-14	Upper
052-01	1.327	-0.188	0.62	13	1986	13.43	1.42E-03	Lower
052-01	1.866	-1.443	0.83	15	1986	9.37	2.55E-06	Middle
052-01	1.751	-1.479	0.85	18	1986	8.90	5.46E-08	Upper
052-02	1.150	-0.132	0.88	55	1988	7.36	1.14E-25	Lower
052-02	1.818	-1.039	1.00	54	1988	0.24	1.95E-72	Middle
052-02	1.658	-1.181	0.97	60	1988	3.85	3.52E-45	Upper
052-06	1.446	-0.939	0.90	20	1975	6.25	1.78E-10	Lower
052-06	1.553	-1.325	1.00	18	1976	0.08	1.29E-24	Middle
052-06	1.449	-1.437	1.00	24	1975	0.11	5.17E-32	Upper
052-08	1.300	-1.520	0.62	22	1992	19.34	1.39E-05	Lower
052-08	1.416	-1.670	0.74	25	1975	13.82	2.93E-08	Middle
052-08	1.411	-1.681	0.80	27	1975	12.08	2.60E-10	Upper
053-01	0.489	0.439	0.53	78	1966	20.62	6.10E-14	Lower
053-01	1.205	-0.515	0.67	77	1966	64.01	5.70E-20	Middle
053-01	1.522	-1.084	0.85	87	1989	42.82	9.97E-37	Upper
053-04	1.645	-1.223	1.00	4	1974	0.04	1.29E-03	Lower
053-04	1.558	-1.322	0.99	5	1974	0.09	3.00E-04	Middle
053-04	1.432	-1.455	1.00	7	1974	0.02	5.86E-09	Upper
053-05	0.933	0.003	0.88	37	1993	5.71	1.23E-17	Lower
053-05	1.642	-1.161	0.98	36	1972	2.40	5.19E-31	Middle
053-05	1.581	-1.118	0.93	44	1972	9.66	4.86E-26	Upper
056-02	0.992	0.171	0.97	41	1985	1.12	1.01E-30	Lower
056-02	0.971	0.068	0.97	42	1985	0.87	1.69E-32	Middle
056-02	0.811	-0.072	0.80	50	1985	6.40	2.16E-18	Upper
056-04	1.349	-0.725	0.88	23	1988	5.18	3.68E-11	Lower
056-04	1.617	-1.222	0.99	20	1979	0.63	7.90E-19	Middle
056-04	1.537	-1.280	0.96	32	1979	2.28	3.11E-23	Upper
057-03	0.932	0.029	0.95	4	1986	0.16	2.60E-02	Middle
057-03	1.876	-1.461	0.83	11	1986	6.43	9.18E-05	Upper
059-01	0.943	-0.250	0.67	42	1950	24.21	4.58E-11	Lower
059-01	1.526	-1.089	0.87	42	1950	17.56	1.81E-19	Middle
059-01	1.377	-1.266	0.87	50	1950	17.76	5.05E-23	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
059-02	0.642	0.641	0.67	12	1987	1.55	1.07E-03	Lower
059-02	0.884	0.143	0.86	9	1990	0.89	3.54E-04	Middle
059-02	1.966	-0.800	0.80	17	1990	10.72	1.32E-06	Upper
064-05	1.820	-0.996	0.92	7	1997	1.31	5.70E-04	Middle
064-05	1.615	-1.215	0.94	8	1997	0.94	6.09E-05	Upper
094-01	0.856	0.372	0.96	15	1991	0.27	1.22E-10	Lower
094-01	0.842	0.097	0.93	16	1991	0.61	2.37E-09	Middle
094-01	0.674	-0.186	0.75	20	1991	1.88	7.89E-07	Upper
102-01	1.439	-0.836	0.91	109	1983	24.43	3.43E-57	Lower
102-01	1.575	-1.248	0.99	107	1983	3.61	2.38E-101	Middle
102-01	1.460	-1.376	0.97	120	1983	7.92	1.77E-92	Upper
122-01	1.655	-1.470	0.76	48	1982	43.92	9.91E-16	Lower
122-01	1.657	-1.600	0.78	51	1982	40.56	1.48E-17	Middle
122-01	1.565	-1.658	0.79	56	1982	36.74	6.91E-20	Upper
128-03	1.604	-1.271	1.00	105	1985	1.30	2.38E-122	Lower
128-03	1.530	-1.348	1.00	106	1985	0.06	1.57E-191	Middle
128-03	1.485	-1.397	1.00	109	1983	0.12	1.53E-179	Upper
144-01	0.854	0.286	0.89	7	1978	0.63	1.45E-03	Lower
144-01	1.886	-0.997	0.98	9	1986	0.48	2.37E-07	Middle
144-01	1.631	-0.860	0.83	14	1986	6.06	5.79E-06	Upper
149-30	1.293	-1.604	1.00	11	1943	0.03	8.71E-15	Lower
149-30	1.253	-1.648	1.00	13	1943	0.04	6.30E-18	Middle
149-30	1.184	-1.722	0.99	14	1943	0.25	2.57E-14	Upper
181-02	1.433	-1.065	0.93	79	1982	16.61	9.90E-47	Lower
181-02	1.469	-1.383	0.99	80	1965	3.65	5.62E-73	Middle
181-02	1.318	-1.518	0.95	85	1965	11.66	3.49E-54	Upper
194-07	1.799	-1.068	0.99	7	1984	0.14	1.10E-06	Lower
194-07	1.818	-1.061	0.99	5	1984	0.20	7.69E-04	Middle
194-07	1.675	-1.198	0.99	11	1984	0.30	2.55E-10	Upper
216-03	1.295	-1.513	0.75	65	1947	56.34	6.75E-21	Lower
216-03	1.351	-1.876	0.90	65	1942	21.60	8.14E-33	Middle
216-03	1.328	-1.892	0.89	73	1942	25.68	2.04E-35	Upper
222-04	1.522	-1.219	0.95	58	1977	8.86	5.02E-39	Lower
222-04	1.485	-1.389	0.99	58	1977	0.99	1.45E-64	Middle
222-04	1.450	-1.427	0.99	61	1977	1.02	1.53E-67	Upper
227-04	1.216	-0.752	0.78	83	1984	47.38	2.40E-28	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
227-04	1.547	-1.250	0.96	83	1950	9.99	4.24E-60	Middle
227-04	1.488	-1.308	0.96	89	1988	11.95	2.56E-61	Upper
230-01	0.914	-0.014	1.00	47	1980	0.06	9.17E-68	Lower
230-01	1.313	-0.624	0.81	48	1979	25.14	1.84E-18	Middle
230-01	1.654	-1.215	1.00	51	1979	0.66	8.78E-62	Upper
237-01	0.968	0.146	0.95	28	1995	0.86	1.35E-18	Lower
237-01	0.749	-0.116	0.89	30	1995	1.27	3.40E-15	Middle
237-01	0.548	-0.296	0.65	32	1995	3.30	2.59E-08	Upper
238-02	0.955	0.031	1.00	3	1981	0.00	1.81E-02	Lower
238-02	0.946	0.015	0.98	4	1981	0.06	7.65E-03	Middle
238-02	1.263	-0.618	0.85	8	1981	2.29	1.19E-03	Upper
242-01	1.008	0.083	1.00	5	1986	0.01	4.38E-05	Lower
242-01	0.848	-0.077	0.96	9	1986	0.20	3.07E-06	Middle
242-01	1.613	-1.221	0.96	10	1986	0.72	4.17E-07	Upper
245-02	0.926	0.011	0.98	88	1982	1.68	3.85E-71	Lower
245-02	0.844	-0.068	0.94	86	1982	3.52	3.05E-53	Middle
245-02	1.596	-1.237	0.94	93	1982	13.01	4.75E-58	Upper
245-90	1.412	-0.740	0.69	103	1988	81.02	9.32E-28	Lower
245-90	1.746	-1.284	0.85	99	1988	45.80	1.90E-42	Middle
245-90	1.661	-1.366	0.84	112	1987	50.73	8.16E-46	Upper
247-03	0.812	-0.029	0.54	64	1988	28.72	3.98E-12	Lower
247-03	1.777	-0.958	0.93	62	1988	12.04	2.41E-36	Middle
247-03	1.507	-1.597	0.70	68	1988	52.88	5.94E-19	Upper
248-02	1.367	-1.746	0.82	38	1965	20.63	7.76E-15	Lower
248-02	1.290	-1.857	0.81	40	1965	20.21	1.87E-15	Middle
248-02	1.278	-1.848	0.82	42	1965	20.25	2.44E-16	Upper
250-01	1.843	-1.044	0.99	10	1986	0.32	5.93E-09	Lower
250-01	1.812	-1.071	0.99	13	1986	0.34	1.62E-12	Middle
250-01	1.731	-1.153	0.99	15	1986	0.43	8.71E-14	Upper
255-30	0.683	0.079	0.71	7	1994	1.37	1.70E-02	Lower
255-30	0.790	-0.426	0.63	10	1994	4.31	6.29E-03	Middle
255-30	1.459	-1.200	0.87	10	1956	3.84	9.33E-05	Upper
256-10	1.493	-1.101	0.89	15	1986	4.63	1.35E-07	Lower
256-10	1.611	-1.261	1.00	16	1986	0.00	7.08E-34	Middle
256-10	1.602	-1.180	0.94	18	1986	2.92	2.02E-11	Upper
256-30	0.904	-0.004	0.78	30	1983	7.03	9.91E-11	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-30	1.681	-1.282	0.89	32	1983	11.20	8.99E-16	Middle
256-30	1.564	-1.651	0.77	35	1983	25.17	3.77E-12	Upper
258-01	0.849	0.118	0.93	37	1995	2.20	4.65E-22	Lower
258-01	1.373	-0.634	0.78	39	1981	23.58	1.22E-13	Middle
258-01	1.678	-1.079	0.94	41	1981	7.66	4.84E-26	Upper
258-02	1.574	-1.112	0.91	16	1959	4.20	1.06E-08	Lower
258-02	1.585	-1.270	0.99	15	1959	0.42	9.04E-14	Middle
258-02	1.549	-1.282	0.98	22	1947	1.56	3.53E-18	Upper
258-31	0.749	-0.045	0.87	21	1995	1.65	5.31E-10	Lower
258-31	0.939	-0.455	0.61	19	1995	10.97	8.04E-05	Middle
258-31	1.558	-1.065	0.86	25	1971	10.22	2.92E-11	Upper
261-04	1.827	-1.288	0.76	14	1986	12.46	4.77E-05	Middle
261-04	1.642	-1.574	0.69	20	1986	19.53	5.63E-06	Upper
262-01	1.409	-1.776	0.85	9	1950	3.90	4.25E-04	Middle
262-01	1.462	-1.809	0.81	11	1950	6.46	1.75E-04	Upper
264-04	0.964	0.163	0.97	37	1981	1.21	1.91E-29	Lower
264-04	0.964	0.033	0.99	39	1981	0.62	1.20E-36	Middle
264-04	1.358	-0.533	0.83	42	1976	21.42	9.11E-17	Upper
266-01	0.843	0.070	0.94	47	1992	2.56	3.84E-29	Lower
266-01	1.476	-0.791	0.83	49	1992	25.56	5.52E-20	Middle
266-01	1.684	-1.110	0.95	51	1978	8.44	2.37E-34	Upper
279-04	1.663	-1.153	0.75	41	1986	33.96	1.88E-13	Middle
279-04	1.739	-1.479	0.86	48	1986	21.80	2.66E-21	Upper
282-01	1.058	0.127	0.99	32	1989	0.30	8.16E-31	Lower
282-01	1.003	0.070	0.98	31	1989	0.34	1.11E-27	Middle
282-01	1.349	-0.506	0.80	37	1989	12.02	7.43E-14	Upper
282-02	1.631	-1.104	0.63	188	1994	235.47	6.22E-42	Lower
282-02	1.743	-1.324	0.75	191	1989	154.64	6.01E-59	Middle
282-02	1.642	-1.434	0.74	195	1989	148.42	9.15E-58	Upper
283-30	0.815	0.313	0.91	21	1987	1.16	1.36E-11	Lower
283-30	1.381	-0.538	0.81	23	1987	9.44	4.64E-09	Middle
283-30	1.586	-1.023	0.88	27	1987	7.57	5.00E-13	Upper
296-03	1.667	-1.218	0.98	17	1983	0.91	4.50E-14	Lower
296-03	1.550	-1.339	0.98	15	1983	0.53	8.26E-13	Middle
296-03	1.458	-1.426	0.95	22	1983	2.42	4.02E-14	Upper
316-02	1.651	-1.497	0.72	131	1986	118.76	4.49E-37	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
316-02	1.571	-1.581	0.72	130	1986	104.05	2.73E-37	Middle
316-02	1.486	-1.683	0.72	136	1986	97.30	7.44E-39	Upper
316-03	1.235	-0.395	0.72	34	1977	20.42	2.15E-10	Lower
316-03	1.615	-1.105	0.94	35	1977	5.95	1.22E-21	Middle
316-03	1.480	-1.696	0.75	39	1977	28.81	1.37E-12	Upper
372-05	0.976	-0.263	0.75	36	1992	7.18	9.62E-12	Lower
372-05	1.871	-0.955	0.99	35	1992	0.97	4.54E-33	Middle
372-05	1.808	-1.022	0.99	39	1992	1.12	5.60E-36	Upper
396-30	1.025	0.399	1.00	5	1992	0.01	3.67E-05	Middle
396-30	0.939	0.042	0.97	7	1992	0.15	6.48E-05	Upper
832-32	0.699	1.009	0.93	9	1994	0.24	3.38E-05	Lower
832-32	0.553	0.838	0.84	6	1994	0.31	1.06E-02	Middle
832-32	0.627	0.725	0.82	14	1994	0.89	9.30E-06	Upper
836-05	1.649	-1.236	0.98	8	1980	0.40	1.79E-06	Lower
836-05	1.585	-1.304	0.99	7	1980	0.28	8.26E-06	Middle
836-05	1.495	-1.393	0.99	12	1980	0.28	2.68E-11	Upper
837-14	0.914	-0.297	0.62	138	1956	92.80	1.13E-30	Lower
837-14	1.513	-1.186	0.89	141	1987	50.24	1.19E-69	Middle
837-14	1.447	-1.309	0.92	148	1956	35.07	2.62E-82	Upper
837-19	1.653	-1.221	0.99	8	1965	0.36	6.98E-07	Lower
837-19	1.461	-1.433	0.96	8	1965	0.90	2.02E-05	Middle
837-19	1.394	-1.507	0.94	13	1965	1.86	3.80E-08	Upper
838-05	1.875	-0.980	1.00	9	1986	0.09	3.25E-10	Lower
838-05	1.832	-1.027	1.00	8	1986	0.12	2.25E-08	Middle
838-05	1.784	-1.077	1.00	12	1986	0.12	4.19E-14	Upper
840-36	0.966	0.044	1.00	36	1984	0.08	2.33E-46	Lower
840-36	0.911	-0.016	1.00	35	1984	0.04	2.14E-48	Middle
840-36	1.402	-0.716	0.86	39	1984	12.79	1.93E-17	Upper
844-02	1.355	-1.797	0.63	30	1978	28.08	1.81E-07	Middle
844-02	1.473	-1.668	0.69	34	1978	30.96	1.07E-09	Upper
847-08	0.937	0.011	1.00	11	1980	0.01	1.27E-15	Lower
847-08	0.908	-0.020	1.00	10	1981	0.00	3.24E-16	Middle
847-08	1.119	-0.364	0.80	14	1981	5.77	1.61E-05	Upper
848-13	0.485	0.364	0.67	46	1985	4.64	3.58E-12	Lower
848-13	0.645	0.019	0.69	51	1985	8.51	5.09E-14	Middle
848-13	1.215	-0.857	0.62	55	1985	44.14	8.16E-13	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
849-02	0.922	0.002	0.96	5	1976	0.16	3.11E-03	Lower
849-02	1.620	-1.250	1.00	9	1976	0.11	1.97E-09	Middle
849-02	1.483	-1.396	0.94	10	1976	1.32	3.53E-06	Upper
849-47	0.880	-0.039	0.97	6	1987	0.17	4.62E-04	Lower
849-47	0.795	-0.132	0.98	5	1987	0.09	1.67E-03	Middle
849-47	1.162	-1.036	0.73	10	1987	4.97	1.72E-03	Upper
853-36	0.916	0.113	0.65	68	1981	32.74	8.31E-17	Lower
853-36	1.832	-1.393	0.89	67	1981	30.87	1.69E-32	Middle
853-36	1.753	-1.432	0.88	75	1981	32.78	1.68E-35	Upper
854-06	1.544	-1.259	0.98	94	1963	6.03	1.11E-81	Lower
854-06	1.492	-1.395	0.99	97	1959	2.54	8.76E-101	Middle
854-06	1.354	-1.541	0.97	102	1963	9.06	1.36E-75	Upper
854-10	0.936	0.692	0.88	90	1955	8.20	2.02E-42	Lower
854-10	1.136	0.083	0.78	89	1979	24.14	9.25E-31	Middle
854-10	1.751	-1.056	0.86	96	1979	37.95	1.43E-41	Upper
854-11	0.779	0.430	0.89	130	1988	9.04	5.34E-62	Lower
854-11	0.898	0.096	0.92	131	1988	8.05	9.99E-73	Middle
854-11	1.054	-0.434	0.66	137	1988	70.02	4.16E-33	Upper
854-23	1.349	-0.651	0.84	111	1984	45.14	2.66E-45	Lower
854-23	1.613	-1.240	0.98	117	1984	6.09	1.48E-103	Middle
854-23	1.453	-1.389	0.94	126	1984	19.07	5.50E-78	Upper
855-03	0.984	-0.038	0.89	72	1983	9.18	6.54E-35	Lower
855-03	1.796	-1.070	1.00	73	1983	1.25	1.92E-83	Middle
855-03	1.631	-1.250	0.99	75	1983	2.20	4.63E-74	Upper
855-04	1.630	-1.173	0.52	58	1986	81.86	1.69E-10	Upper
855-07	1.701	-0.872	0.94	58	1987	7.84	7.32E-37	Lower
855-07	1.721	-1.138	0.99	58	1987	0.77	4.47E-64	Middle
855-07	1.514	-1.319	0.95	63	1987	6.45	1.56E-40	Upper
855-08	1.769	-1.091	1.00	4	1979	0.00	5.91E-33	Middle
855-08	1.608	-1.734	0.77	10	1979	8.08	9.23E-04	Upper
855-14	0.759	-0.028	0.94	7	1979	0.31	3.25E-04	Lower
855-14	1.614	-1.260	1.00	5	1980	0.02	1.34E-05	Middle
855-14	1.379	-1.300	0.87	14	1979	3.72	1.32E-06	Upper
855-18	1.583	-1.698	0.82	11	1967	8.12	1.34E-04	Lower
855-18	1.495	-1.659	0.85	7	1967	3.97	3.29E-03	Middle
855-18	1.461	-1.855	0.79	16	1967	11.32	3.91E-06	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
860-12	1.302	-0.818	0.82	11	1953	6.07	1.20E-04	Lower
860-12	1.467	-1.336	0.98	8	1953	0.65	3.79E-06	Middle
860-12	1.389	-1.937	0.84	16	1953	8.54	6.42E-07	Upper
861-14	1.476	-1.032	0.92	53	1957	16.76	1.45E-29	Lower
861-14	1.566	-1.305	1.00	54	1957	0.36	3.95E-74	Middle
861-14	1.484	-1.392	0.99	56	1974	1.26	2.16E-61	Upper
861-17	1.485	-1.349	0.99	10	1951	0.28	1.22E-09	Lower
861-17	1.409	-1.792	0.83	11	1959	6.54	1.05E-04	Middle
861-17	1.331	-1.795	0.87	16	1959	6.04	1.33E-07	Upper
863-14	1.465	-1.429	0.98	14	1965	0.58	4.63E-12	Lower
863-14	1.424	-1.471	0.99	13	1965	0.38	5.56E-12	Middle
863-14	1.360	-1.539	0.99	19	1965	0.40	1.80E-18	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	0.413	-0.031	0.54	32	1996	2.78	1.50E-06	Lower
001-01	0.427	-0.081	0.58	32	1996	2.62	4.83E-07	Middle
001-01	1.570	-1.530	0.66	37	1996	28.07	9.33E-10	Upper
001-02	0.720	-0.021	0.82	170	1945	17.39	1.43E-64	Lower
001-02	1.384	-0.923	0.77	168	1945	84.32	8.17E-55	Middle
001-02	1.539	-1.622	0.76	197	1945	127.37	1.22E-62	Upper
001-03	1.372	-0.432	0.73	40	2001	15.40	3.11E-12	Lower
001-07	0.783	-0.112	0.83	58	1952	6.81	2.59E-23	Lower
001-07	0.828	-0.356	0.75	58	1952	12.98	1.28E-18	Middle
001-07	1.457	-1.397	0.97	68	1952	4.28	4.55E-51	Upper
001-08	0.748	-0.289	0.57	80	1947	30.45	9.39E-16	Lower
001-08	0.720	-0.350	0.62	71	1947	21.69	3.81E-16	Middle
001-08	1.503	-1.466	0.88	94	1947	23.88	3.43E-44	Upper
001-09	0.743	-0.049	0.74	61	1969	5.58	6.32E-19	Lower
001-09	0.680	-0.085	0.69	67	1969	7.06	3.97E-18	Middle
001-09	0.734	-0.229	0.62	71	1969	11.32	2.43E-16	Upper
002-01	0.693	-0.141	0.78	47	1947	6.91	2.87E-16	Lower
002-01	0.765	-0.304	0.73	48	1947	10.94	1.27E-14	Middle
002-01	1.469	-1.362	0.91	58	1947	12.59	1.72E-30	Upper
002-04	0.860	-0.093	0.98	15	1947	0.28	1.79E-12	Lower
002-04	1.671	-1.188	1.00	13	1947	0.13	1.69E-15	Middle
002-04	1.659	-1.163	0.99	27	1947	1.17	1.22E-24	Upper
002-05	0.844	-0.064	0.89	35	1947	3.88	1.92E-17	Lower
002-05	0.854	-0.062	0.90	32	1947	3.29	2.66E-16	Middle
002-05	1.182	-0.775	0.79	45	1947	18.51	2.19E-16	Upper
003-03	0.623	0.003	0.84	16	1947	0.81	7.25E-07	Lower
003-03	0.733	-0.104	0.89	17	1947	0.71	1.83E-08	Middle
003-03	1.405	-1.162	0.66	25	1947	16.77	7.63E-07	Upper
003-04	0.872	-0.062	0.97	35	1968	0.65	2.63E-27	Lower
003-04	1.730	-1.057	0.97	35	1968	2.99	2.90E-26	Middle
003-04	1.650	-1.152	0.97	40	1968	2.88	1.40E-30	Upper
003-05	1.120	-0.447	0.77	41	1969	13.27	7.57E-14	Lower
003-05	1.535	-1.210	0.92	43	1969	6.51	3.26E-24	Middle
003-05	1.487	-1.376	0.93	53	1969	7.40	1.80E-30	Upper
003-07	0.782	-0.094	0.89	7	1972	0.47	1.49E-03	Lower
003-07	0.846	-0.046	0.94	7	1972	0.33	3.26E-04	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-07	1.563	-1.113	0.88	15	1972	3.72	2.17E-07	Upper
003-08	1.032	-0.397	0.67	27	1972	9.74	1.84E-07	Lower
003-08	1.627	-1.142	0.96	24	1972	1.87	2.39E-16	Middle
003-08	1.586	-1.199	0.95	33	1972	3.03	1.40E-21	Upper
003-11	1.024	-0.487	0.78	15	1980	3.17	1.48E-05	Lower
003-11	1.659	-1.105	0.96	18	1980	1.48	1.19E-12	Middle
003-11	1.597	-1.143	0.94	20	1980	2.15	1.25E-12	Upper
004-04	0.577	-0.383	0.97	8	1962	0.06	1.01E-05	Middle
004-04	1.289	-1.339	0.75	19	1962	3.29	1.61E-06	Upper
004-05	1.164	-1.094	0.54	26	1962	30.72	2.05E-05	Lower
004-05	1.408	-1.863	0.73	23	1962	15.58	2.42E-07	Middle
004-05	1.455	-1.824	0.78	32	1962	19.44	2.20E-11	Upper
004-32	1.664	-1.133	0.96	13	1956	1.06	3.23E-09	Lower
004-32	1.672	-1.078	0.93	12	1956	1.40	3.66E-07	Middle
004-32	1.550	-1.231	0.93	19	1956	2.35	2.03E-11	Upper
005-01	0.675	-0.043	0.79	54	1951	3.87	4.48E-19	Lower
005-01	0.775	-0.246	0.67	56	1959	10.17	1.13E-14	Middle
005-01	1.500	-1.666	0.68	61	1951	45.75	4.95E-16	Upper
005-05	0.946	-1.113	0.95	4	1945	0.00	2.40E-02	Lower
005-07	1.026	0.125	0.98	7	2001	0.09	2.77E-05	Lower
005-07	0.964	0.062	0.97	5	2001	0.07	2.04E-03	Middle
006-90	0.168	-0.096	0.66	14	1995	0.00	4.01E-04	Middle
007-04	1.370	-0.950	0.86	186	1954	34.22	5.91E-81	Lower
007-04	1.541	-1.270	0.97	189	1970	7.72	1.33E-148	Middle
007-04	1.447	-1.367	0.96	197	1952	10.69	9.53E-137	Upper
010-33	1.498	-1.702	0.79	13	1980	6.70	4.90E-05	Lower
010-33	1.533	-1.623	0.86	12	1980	4.56	1.47E-05	Middle
010-33	1.523	-1.714	0.81	18	1980	8.60	3.76E-07	Upper
013-06	1.296	-1.070	0.88	25	1962	3.84	3.38E-12	Lower
013-06	1.400	-1.267	0.92	28	1962	3.13	1.15E-15	Middle
013-06	1.461	-1.520	0.92	32	1962	4.23	7.99E-18	Upper
013-09	1.406	-1.661	0.71	6	1954	3.95	3.41E-02	Middle
013-09	1.359	-1.815	0.64	13	1954	10.39	9.51E-04	Upper
017-04	0.818	-0.553	0.57	16	1947	8.84	6.86E-04	Lower
017-04	1.389	-1.476	0.98	16	1947	0.83	4.82E-13	Middle
017-04	1.213	-1.263	0.81	30	1947	9.16	1.16E-11	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-10	1.593	-1.370	0.69	41	1967	36.26	1.62E-11	Lower
026-10	1.580	-1.545	0.72	42	1967	32.22	1.30E-12	Middle
026-10	1.543	-1.611	0.71	46	1967	34.12	1.93E-13	Upper
038-02	1.664	-1.567	0.78	10	1976	5.38	6.71E-04	Upper
043-05	0.702	0.496	0.66	19	1993	3.39	2.62E-05	Lower
043-05	1.401	-0.487	0.69	21	1993	13.57	3.19E-06	Middle
043-05	1.571	-1.390	0.71	24	1992	16.95	2.62E-07	Upper
050-05	1.381	-0.826	0.88	12	1986	2.94	6.93E-06	Lower
050-05	1.602	-1.260	0.99	10	1986	0.21	1.01E-09	Middle
050-05	1.517	-1.331	0.96	17	1986	1.32	3.72E-12	Upper
051-01	0.776	0.016	0.85	16	1975	1.66	3.27E-07	Lower
051-01	1.516	-0.809	0.85	17	1975	6.36	1.18E-07	Middle
051-01	1.718	-1.141	0.98	21	1975	0.94	1.45E-18	Upper
052-01	1.476	-1.038	0.70	12	1986	8.80	6.38E-04	Lower
052-01	1.573	-1.649	0.79	14	1986	7.64	1.90E-05	Middle
052-01	1.558	-1.554	0.78	17	1986	9.10	2.37E-06	Upper
052-02	1.614	-1.217	0.98	54	1988	2.59	2.52E-44	Lower
052-02	1.546	-1.297	0.98	54	1988	2.07	7.15E-46	Middle
052-02	1.448	-1.410	0.98	59	1988	2.00	5.39E-50	Upper
052-06	0.894	-0.031	0.92	19	1976	1.75	6.63E-11	Lower
052-06	1.354	-0.788	0.84	19	1975	8.96	3.06E-08	Middle
052-06	1.517	-1.360	0.99	24	1976	0.44	7.21E-26	Upper
052-08	0.971	0.349	1.00	13	1975	0.00	8.04E-173	Lower
052-08	1.337	-0.297	0.74	16	1975	11.87	2.02E-05	Middle
052-08	1.774	-1.084	0.97	19	1992	2.17	1.64E-14	Upper
053-01	0.693	0.125	0.66	65	1966	18.88	1.64E-16	Lower
053-01	1.621	-1.030	0.89	67	1966	25.69	1.34E-32	Middle
053-01	1.547	-1.128	0.90	73	1989	24.16	1.01E-36	Upper
053-05	0.841	0.027	0.86	38	1993	5.65	6.90E-17	Lower
053-05	0.848	-0.065	0.85	34	1972	5.78	1.04E-14	Middle
053-05	0.858	-0.179	0.79	46	1972	10.65	2.23E-16	Upper
056-02	1.573	-1.284	0.99	41	1985	0.92	3.15E-40	Lower
056-02	1.521	-1.333	0.99	44	1985	1.07	1.47E-40	Middle
056-02	1.453	-1.397	0.98	51	1986	1.98	7.03E-42	Upper
056-04	0.572	0.150	0.61	26	1988	4.64	2.31E-06	Lower
056-04	0.609	0.026	0.68	21	1979	3.63	4.23E-06	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
057-03	1.701	-1.513	0.81	5	1986	2.77	3.67E-02	Lower
057-03	1.572	-1.273	0.97	4	1986	0.26	1.53E-02	Middle
057-03	1.635	-1.656	0.82	10	1986	4.89	3.14E-04	Upper
059-01	1.382	-0.835	0.85	48	1950	19.36	1.22E-20	Lower
059-01	1.610	-1.123	0.96	49	1950	6.00	1.92E-34	Middle
059-01	1.572	-1.359	0.93	59	1950	12.29	4.23E-35	Upper
059-02	0.876	0.245	0.92	17	1987	0.68	1.00E-09	Lower
059-02	0.982	0.082	0.97	14	1990	0.26	1.11E-10	Middle
059-02	0.853	-0.025	0.92	22	1990	0.88	3.35E-12	Upper
063-03	0.634	0.172	0.86	38	2004	1.35	8.06E-17	Lower
063-03	0.614	0.067	0.88	34	1999	0.93	2.42E-16	Middle
064-05	1.789	-1.070	1.00	5	1997	0.00	2.46E-48	Middle
064-05	1.736	-1.092	0.98	8	1997	0.42	3.33E-06	Upper
094-01	0.692	-0.138	0.81	20	1991	1.49	7.86E-08	Middle
094-01	0.589	-0.248	0.74	23	1991	1.67	1.50E-07	Upper
102-01	1.462	-1.408	0.99	65	1953	2.34	4.04E-62	Lower
102-01	1.368	-1.502	0.99	62	1983	2.30	2.87E-57	Middle
102-01	1.275	-1.596	0.99	74	1983	2.42	1.05E-67	Upper
122-01	1.516	-1.509	0.69	51	1986	52.96	4.73E-14	Middle
122-01	1.555	-1.657	0.78	56	1982	37.84	1.71E-19	Upper
128-03	1.777	-1.084	0.99	71	1985	2.18	3.65E-74	Lower
128-03	1.650	-1.219	1.00	71	1985	0.02	1.13E-140	Middle
128-03	1.591	-1.283	1.00	75	1983	0.67	3.63E-94	Upper
144-01	0.802	0.376	0.81	6	1986	1.00	1.50E-02	Lower
144-01	0.595	0.188	0.60	8	1986	1.66	2.46E-02	Middle
144-01	0.571	-0.095	0.56	14	1986	2.79	2.13E-03	Upper
149-30	1.276	-1.623	1.00	7	1943	0.03	2.51E-08	Lower
149-30	1.255	-1.646	0.99	8	1943	0.23	2.82E-07	Middle
149-30	1.141	-1.768	1.00	10	1943	0.08	2.97E-11	Upper
181-02	1.245	-1.520	0.95	59	1965	7.63	6.64E-39	Lower
181-02	1.219	-1.655	0.98	58	1965	2.19	1.61E-52	Middle
181-02	1.170	-1.663	0.96	66	1965	5.47	2.96E-47	Upper
194-07	1.235	-0.485	0.74	8	1984	3.80	5.78E-03	Lower
194-07	1.658	-1.189	0.98	4	1984	0.25	1.24E-02	Middle
194-07	1.534	-1.300	0.94	13	1984	1.70	4.30E-08	Upper
216-03	1.397	-1.324	0.79	85	1942	55.97	9.62E-30	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
216-03	1.494	-1.606	0.86	86	1942	38.55	5.15E-38	Middle
216-03	1.408	-1.666	0.85	96	1942	42.72	3.78E-40	Upper
222-04	1.568	-1.300	1.00	56	1986	0.83	2.95E-65	Lower
222-04	1.561	-1.310	1.00	54	1977	0.52	8.13E-68	Middle
222-04	1.529	-1.349	1.00	59	1977	0.43	5.95E-77	Upper
227-04	1.445	-1.162	0.86	62	1988	24.71	4.56E-27	Lower
227-04	1.465	-1.378	0.95	62	1950	7.25	5.50E-42	Middle
227-04	1.377	-1.468	0.95	67	1988	7.53	8.82E-45	Upper
230-01	1.590	-1.284	1.00	38	1980	0.06	1.70E-61	Lower
230-01	1.556	-1.320	1.00	38	1979	0.18	3.20E-52	Middle
230-01	1.483	-1.398	0.99	42	1979	0.88	2.69E-44	Upper
237-01	0.580	0.054	0.82	41	1995	1.71	3.63E-16	Lower
237-01	0.628	-0.088	0.81	44	1995	2.39	1.08E-16	Middle
237-01	0.604	-0.248	0.87	46	1995	1.42	3.29E-21	Upper
238-02	1.490	-1.389	1.00	3	1981	0.01	2.61E-02	Middle
238-02	1.478	-1.398	0.99	8	1981	0.09	4.73E-08	Upper
242-01	1.768	-1.092	1.00	4	1986	0.00	2.67E-07	Middle
242-01	1.569	-1.286	0.98	6	1986	0.26	9.37E-05	Upper
245-02	1.608	-1.264	1.00	27	1982	0.16	6.56E-35	Lower
245-02	1.583	-1.291	1.00	28	1982	0.13	1.04E-37	Middle
245-02	1.406	-1.481	0.99	31	1982	0.60	6.15E-32	Upper
245-90	0.590	0.191	0.61	145	1988	25.11	4.08E-31	Lower
245-90	0.557	0.153	0.53	145	1988	30.27	2.47E-25	Middle
245-90	0.669	-0.253	0.61	155	1987	33.77	4.76E-33	Upper
247-03	0.796	-0.119	0.98	89	1988	0.65	8.03E-80	Lower
247-03	1.390	-0.638	0.82	88	1988	26.63	1.38E-33	Middle
247-03	1.757	-1.035	0.94	94	1988	12.54	9.57E-59	Upper
248-02	0.932	-0.027	0.99	44	1965	0.59	1.62E-40	Lower
248-02	1.375	-0.828	0.68	43	1965	41.37	9.80E-12	Middle
248-02	1.564	-1.490	0.79	50	1965	35.32	1.21E-17	Upper
250-01	1.152	-0.709	0.81	11	1986	2.46	1.55E-04	Lower
250-01	1.559	-1.277	0.98	15	1986	0.46	4.50E-13	Middle
250-01	1.500	-1.315	0.96	17	1986	1.12	6.18E-12	Upper
256-10	1.570	-0.980	0.87	15	1986	5.93	3.15E-07	Lower
256-10	1.693	-1.173	1.00	14	1986	0.00	8.77E-27	Middle
256-10	1.632	-1.140	0.94	18	1986	3.49	5.93E-11	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-30	1.668	-1.572	0.72	29	1983	29.37	6.37E-09	Middle
256-30	1.523	-1.671	0.74	31	1983	24.54	6.95E-10	Upper
258-01	1.201	-1.668	0.59	26	1995	16.62	4.43E-06	Lower
258-01	0.927	-2.114	0.59	28	1981	11.18	2.07E-06	Middle
258-01	1.083	-1.956	0.66	30	1981	13.71	4.15E-08	Upper
258-02	1.535	-1.337	1.00	16	1971	0.13	3.76E-18	Lower
258-02	1.550	-1.328	1.00	13	1959	0.00	1.70E-171	Middle
258-02	1.503	-1.365	0.99	20	1971	0.27	1.33E-21	Upper
261-04	1.519	-1.521	0.65	11	1986	10.51	2.87E-03	Lower
261-04	1.611	-1.517	0.74	12	1986	9.63	3.43E-04	Middle
261-04	1.394	-1.793	0.62	16	1986	15.22	2.93E-04	Upper
262-01	1.180	-2.035	0.74	10	1950	4.48	1.40E-03	Upper
264-04	1.590	-1.282	1.00	33	1981	0.16	1.72E-45	Lower
264-04	1.585	-1.284	1.00	36	1981	0.22	5.71E-48	Middle
264-04	1.494	-1.369	0.99	38	1976	1.47	2.48E-35	Upper
279-04	1.760	-1.452	0.87	43	1986	19.57	1.86E-19	Lower
279-04	1.684	-1.533	0.86	42	1986	17.36	7.83E-19	Middle
279-04	1.616	-1.591	0.86	49	1986	18.52	5.20E-22	Upper
282-01	0.754	-0.026	0.80	27	1989	3.09	3.15E-10	Lower
282-01	0.737	-0.115	0.78	25	1989	2.95	5.28E-09	Middle
282-01	0.939	-0.387	0.67	32	1989	11.18	1.23E-08	Upper
282-02	1.519	-1.182	0.57	161	1989	229.79	1.20E-30	Lower
282-02	1.621	-1.440	0.71	164	1989	141.57	1.23E-45	Middle
282-02	1.528	-1.588	0.70	169	1989	136.62	3.24E-45	Upper
283-30	0.470	-0.009	0.57	35	1987	4.11	1.37E-07	Lower
283-30	1.166	-0.979	0.78	38	1987	11.00	2.10E-13	Middle
283-30	1.390	-1.401	0.87	43	1987	8.72	1.27E-19	Upper
296-03	0.683	0.106	0.67	19	1983	3.72	1.68E-05	Lower
296-03	0.563	-0.014	0.58	17	1983	2.98	3.85E-04	Middle
316-02	0.764	0.132	0.86	165	1986	11.92	4.54E-71	Lower
316-02	0.819	0.000	0.85	163	1986	14.94	2.82E-67	Middle
316-02	1.121	-0.414	0.68	171	1986	74.87	8.90E-44	Upper
316-03	0.815	-0.100	0.92	34	1977	1.67	2.67E-19	Lower
316-03	1.307	-0.878	0.66	37	1977	29.51	8.51E-10	Middle
316-03	1.479	-1.675	0.72	40	1977	29.53	4.84E-12	Upper
372-05	0.733	0.410	0.71	35	1992	4.90	2.17E-10	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
372-05	0.796	0.186	0.94	35	1992	0.96	2.78E-21	Middle
372-05	1.004	-0.036	0.72	38	1992	9.67	2.18E-11	Upper
396-30	1.004	0.986	1.00	4	1992	0.00	1.74E-32	Middle
836-05	1.413	-1.469	1.00	9	1980	0.07	1.16E-09	Lower
836-05	1.310	-1.587	1.00	8	1980	0.02	4.93E-10	Middle
836-05	1.275	-1.620	1.00	14	1980	0.04	6.84E-18	Upper
837-14	0.663	0.021	0.80	168	1987	20.98	3.46E-59	Lower
837-14	0.742	-0.158	0.82	166	1956	22.82	4.18E-62	Middle
837-14	1.417	-1.131	0.86	180	1974	64.66	8.02E-78	Upper
837-19	1.350	-1.541	1.00	6	1965	0.03	9.42E-07	Lower
837-19	1.343	-1.550	1.00	8	1965	0.04	2.34E-09	Middle
837-19	1.232	-1.670	0.99	11	1965	0.21	1.71E-10	Upper
838-05	2.017	-0.851	0.98	9	1986	0.63	2.21E-07	Lower
838-05	2.014	-0.851	0.99	8	1986	0.33	4.07E-07	Middle
838-05	1.707	-1.145	1.00	13	1986	0.15	2.54E-14	Upper
840-36	0.899	0.454	0.96	36	1984	1.16	6.31E-26	Lower
840-36	0.891	0.446	0.96	34	1984	1.21	7.32E-24	Middle
840-36	1.046	-0.086	0.71	39	1984	18.28	2.06E-11	Upper
847-08	1.564	-1.312	1.00	8	1980	0.01	3.86E-11	Lower
847-08	1.459	-1.425	1.00	8	1981	0.03	5.79E-10	Middle
847-08	1.355	-1.538	1.00	11	1981	0.03	1.42E-14	Upper
848-13	0.673	0.196	0.85	58	1965	3.50	5.55E-25	Lower
848-13	0.740	0.033	0.84	60	1985	5.02	1.78E-24	Middle
848-13	1.108	-0.540	0.66	68	1985	33.60	4.50E-17	Upper
849-02	1.596	-1.226	0.92	6	1976	1.10	2.38E-03	Lower
849-02	1.517	-1.338	0.95	10	1976	1.21	1.97E-06	Middle
849-02	1.408	-1.455	0.95	12	1976	0.99	5.81E-08	Upper
849-47	0.703	0.116	0.72	7	1987	1.31	1.53E-02	Lower
849-47	0.904	-0.648	0.70	12	1987	3.89	7.06E-04	Upper
853-36	0.901	0.175	0.80	61	1981	12.45	1.53E-22	Lower
853-36	1.765	-1.417	0.86	66	1981	33.51	3.83E-29	Upper
854-06	1.273	-1.624	1.00	72	1956	0.62	2.45E-89	Lower
854-06	1.209	-1.694	1.00	68	1959	0.62	1.91E-82	Middle
854-06	1.156	-1.751	1.00	83	1963	0.64	8.81E-101	Upper
854-10	0.829	-0.120	0.72	106	1979	21.41	2.02E-30	Lower
854-10	1.273	-0.558	0.67	108	1979	65.17	5.22E-27	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
854-10	1.756	-1.090	0.90	111	1955	27.32	5.39E-57	Upper
854-11	0.828	0.122	0.86	140	1988	13.57	8.37E-60	Lower
854-11	1.132	-0.421	0.72	138	1988	57.56	2.44E-39	Middle
854-11	1.648	-1.206	0.86	149	1988	55.17	2.14E-64	Upper
854-23	1.494	-1.209	0.95	140	1984	18.83	5.78E-90	Lower
854-23	1.501	-1.348	0.98	137	1984	5.80	3.31E-121	Middle
854-23	1.423	-1.417	0.97	155	1984	8.39	2.54E-124	Upper
855-03	1.650	-1.170	0.98	74	1983	4.54	7.06E-62	Lower
855-03	1.621	-1.245	1.00	76	1983	0.54	1.68E-97	Middle
855-03	1.597	-1.272	1.00	79	1983	0.56	8.17E-101	Upper
855-04	0.620	0.134	0.78	58	1996	3.65	5.83E-20	Lower
855-04	1.507	-1.658	0.56	64	1986	66.07	1.11E-12	Upper
855-07	1.556	-1.122	0.94	57	1987	6.99	7.64E-36	Lower
855-07	1.551	-1.280	0.98	58	1987	2.46	4.46E-48	Middle
855-07	1.455	-1.385	0.97	63	1987	3.31	1.93E-48	Upper
855-08	1.630	-1.716	0.71	8	1979	8.92	8.84E-03	Upper
855-14	0.517	-0.442	1.00	5	1980	0.00	3.97E-05	Lower
855-14	1.878	-0.936	0.99	5	1979	0.19	6.67E-04	Middle
855-14	1.302	-1.372	0.89	14	1979	2.69	4.15E-07	Upper
855-18	1.162	-0.650	0.73	8	1967	4.49	6.64E-03	Lower
855-18	1.347	-1.381	0.91	6	1967	1.46	3.16E-03	Middle
855-18	1.309	-1.537	0.81	13	1967	6.56	2.70E-05	Upper
860-12	0.692	-0.212	0.88	11	1953	1.05	1.79E-05	Lower
860-12	1.357	-1.798	0.86	8	1953	3.72	8.31E-04	Middle
860-12	1.341	-1.906	0.81	17	1953	9.65	8.38E-07	Upper
861-14	1.420	-1.461	0.99	40	1957	1.32	1.73E-38	Lower
861-14	1.348	-1.536	0.98	41	1957	2.38	3.75E-34	Middle
861-14	1.255	-1.639	0.99	43	1974	1.33	3.55E-40	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	2.225	-1.263	0.71	70	1996	85.18	9.09E-20	Lower
001-01	1.985	-1.446	0.69	68	1996	70.07	1.16E-18	Middle
001-01	1.809	-1.583	0.71	75	1996	60.76	4.87E-21	Upper
001-03	1.957	-1.196	0.75	217	2001	247.97	3.14E-66	Lower
001-03	1.765	-1.500	0.76	215	2001	189.54	1.70E-67	Middle
001-03	1.572	-1.651	0.76	226	1955	155.48	4.21E-71	Upper
001-04	2.114	-1.067	0.66	93	1955	118.01	2.97E-23	Lower
001-04	1.946	-1.149	0.66	93	1955	103.84	4.29E-23	Middle
001-04	1.757	-1.367	0.64	101	1955	99.51	1.01E-23	Upper
001-06	1.486	-0.687	0.85	256	1971	126.16	3.21E-107	Lower
001-06	1.718	-1.293	0.92	253	1971	83.74	1.51E-139	Middle
001-06	1.555	-1.459	0.91	274	1971	81.26	3.42E-144	Upper
001-07	0.981	0.016	0.92	127	1952	11.74	3.54E-71	Lower
001-07	1.079	-0.255	0.82	127	1952	37.01	5.41E-48	Middle
001-07	1.636	-1.248	0.93	147	1952	29.12	7.40E-88	Upper
001-08	1.001	0.079	0.99	126	1947	0.85	1.45E-137	Lower
001-08	1.093	-0.152	0.90	127	1947	17.62	5.14E-64	Middle
001-08	1.594	-1.259	0.96	137	1947	13.02	2.81E-99	Upper
002-01	1.786	-1.071	1.00	13	1947	0.02	2.06E-20	Lower
002-01	1.662	-1.195	0.98	15	1947	1.23	3.40E-12	Middle
002-01	1.532	-1.333	0.97	18	1947	1.46	3.39E-14	Upper
002-03	1.527	-1.332	0.74	249	1947	258.09	3.12E-75	Middle
002-03	1.561	-1.631	0.83	267	1947	168.33	1.54E-104	Upper
002-04	1.808	-0.978	0.97	172	1957	19.18	1.37E-133	Lower
002-04	1.693	-1.106	0.97	168	1954	20.29	2.78E-123	Middle
002-04	1.464	-1.361	0.96	181	1947	19.58	2.33E-125	Upper
002-05	1.710	-1.154	1.00	139	1947	0.28	8.45E-230	Lower
002-05	1.657	-1.213	1.00	141	1947	0.81	1.71E-199	Middle
002-05	1.480	-1.407	0.97	143	1947	14.75	3.36E-108	Upper
003-02	0.990	0.524	0.85	68	1947	9.58	3.74E-29	Lower
003-02	1.665	-1.187	0.64	70	1947	89.88	7.38E-17	Middle
003-02	1.597	-1.575	0.71	78	1947	72.21	3.47E-22	Upper
003-03	0.856	0.526	0.82	189	1947	25.47	1.03E-71	Lower
003-03	1.653	-0.489	0.75	191	1947	145.64	5.68E-59	Middle
003-03	1.577	-1.564	0.67	196	1947	205.18	1.27E-48	Upper
003-04	1.689	-0.859	0.95	47	1968	8.27	3.16E-30	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-04	1.788	-1.063	1.00	46	1947	0.59	2.43E-55	Middle
003-04	1.584	-1.222	0.95	59	1947	7.42	4.88E-39	Upper
003-05	1.634	-1.019	0.67	140	1971	168.94	9.45E-35	Middle
003-05	1.785	-1.421	0.82	150	1947	93.79	5.56E-57	Upper
003-07	1.962	-0.832	0.97	110	1972	13.29	4.81E-81	Lower
003-07	1.901	-0.946	1.00	106	1972	1.36	2.45E-127	Middle
003-07	1.713	-1.205	0.95	117	1972	16.22	7.79E-76	Upper
003-08	1.938	-1.069	0.93	48	1972	14.14	6.98E-29	Lower
003-08	1.835	-1.243	0.92	45	1972	15.55	1.13E-24	Middle
003-08	1.627	-1.420	0.92	57	1972	13.89	6.04E-32	Upper
004-01	1.410	-1.250	0.65	13	1953	17.45	8.15E-04	Lower
004-01	1.383	-1.512	0.83	14	1949	7.74	5.17E-06	Middle
004-01	1.266	-1.477	0.65	27	1953	24.99	4.19E-07	Upper
004-04	1.816	-0.699	0.94	55	1978	10.77	9.00E-34	Lower
004-04	1.887	-0.949	0.99	58	1978	1.41	3.30E-61	Middle
004-04	1.704	-1.129	0.96	67	1978	6.85	5.51E-47	Upper
004-05	1.744	-1.459	0.76	9	1962	7.22	2.26E-03	Upper
004-08	1.680	-0.998	0.79	171	1948	147.21	8.95E-60	Lower
004-08	1.723	-1.323	0.84	175	1948	119.50	9.20E-70	Middle
004-08	1.537	-1.497	0.81	194	1948	122.82	2.50E-71	Upper
005-01	0.720	1.025	0.84	41	1948	2.22	6.19E-17	Lower
005-01	0.870	0.579	0.87	39	1948	2.30	3.48E-18	Middle
005-01	1.818	-1.404	0.59	45	1948	54.90	6.39E-10	Upper
005-07	1.030	0.637	0.99	21	2001	0.20	7.68E-19	Lower
005-07	1.326	0.325	0.83	21	2001	4.41	8.31E-09	Middle
005-07	1.841	-1.134	0.63	26	2001	30.13	1.33E-06	Upper
007-04	1.931	-0.908	1.00	73	1970	1.12	3.06E-86	Lower
007-04	1.812	-1.033	0.98	72	1952	4.26	1.67E-62	Middle
007-04	1.502	-1.373	0.98	78	1954	4.38	9.73E-63	Upper
007-05	2.124	-0.672	0.99	99	1997	4.57	3.08E-96	Lower
007-05	1.961	-0.880	1.00	101	1997	1.29	3.80E-122	Middle
007-05	1.717	-1.145	1.00	103	1997	1.11	1.06E-122	Upper
007-06	1.669	-1.457	0.85	102	1955	49.29	2.20E-43	Middle
007-06	1.641	-1.499	0.85	112	1955	53.48	8.95E-47	Upper
007-07	0.847	-0.241	0.52	88	1999	65.45	2.74E-15	Lower
007-07	1.190	-1.057	0.60	89	1951	93.82	5.47E-19	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-07	1.489	-1.658	0.81	96	1999	53.92	7.27E-36	Upper
007-08	0.810	0.542	0.90	136	1953	8.77	1.20E-68	Lower
007-08	1.575	-0.430	0.79	133	1953	75.96	6.54E-47	Middle
007-08	1.735	-1.096	0.89	146	1953	45.68	8.33E-72	Upper
008-05	1.343	-0.235	0.60	245	1955	285.36	8.68E-50	Lower
008-05	1.984	-1.133	0.89	243	1955	117.50	2.50E-115	Middle
008-05	1.756	-1.342	0.88	254	1955	103.31	7.17E-117	Upper
008-06	1.436	-0.410	0.81	99	1947	55.77	3.54E-37	Lower
008-06	1.722	-1.119	0.97	102	1947	10.90	1.52E-78	Middle
008-06	1.512	-1.347	0.97	107	1947	10.24	1.57E-78	Upper
008-07	0.938	0.342	0.99	23	1967	0.14	5.59E-24	Lower
008-07	0.938	0.314	0.99	24	1967	0.19	4.32E-24	Middle
008-07	1.144	-0.036	0.74	28	1967	13.05	4.99E-09	Upper
008-09	1.381	-1.002	0.60	131	1958	184.16	1.51E-27	Middle
008-09	1.664	-1.499	0.83	143	1958	91.61	7.28E-56	Upper
010-03	0.879	0.475	0.97	60	1971	1.53	3.46E-44	Lower
010-03	1.136	-0.120	0.55	60	1950	58.13	1.50E-11	Middle
010-03	1.682	-0.835	0.77	68	1971	51.89	1.10E-22	Upper
012-06	1.067	-0.199	0.55	212	1972	204.79	8.37E-38	Lower
012-06	1.516	-0.860	0.70	214	1972	219.19	1.05E-56	Middle
012-06	1.681	-1.333	0.81	228	1972	146.98	1.14E-84	Upper
012-08	1.352	-0.081	0.67	51	1972	29.02	2.50E-13	Lower
012-08	1.285	-1.733	0.53	52	1972	48.96	1.24E-09	Middle
012-09	2.071	-0.741	0.99	10	1970	0.36	1.58E-09	Lower
012-09	1.959	-0.865	0.99	10	1970	0.36	7.35E-09	Middle
012-09	1.746	-1.106	0.97	15	1970	1.31	3.69E-11	Upper
012-10	1.676	-0.464	0.90	27	1971	6.89	6.78E-14	Lower
012-10	1.968	-0.882	0.99	29	1971	0.87	3.46E-29	Middle
012-10	1.909	-0.942	0.98	33	1971	1.95	1.16E-27	Upper
012-11	1.863	-0.714	0.52	233	1976	483.71	1.49E-38	Lower
012-11	2.104	-1.386	0.71	231	1972	270.08	4.09E-63	Middle
012-11	1.871	-1.562	0.72	239	1969	214.65	1.31E-66	Upper
012-12	0.745	0.744	0.92	32	1966	0.70	4.10E-18	Lower
012-12	0.881	0.447	0.93	36	1966	0.92	7.76E-21	Middle
012-12	1.453	-0.437	0.64	42	1966	22.03	1.93E-10	Upper
012-13	1.448	-1.682	0.68	15	1961	12.73	1.47E-04	Middle

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-13	1.415	-1.674	0.74	18	1970	12.26	5.23E-06	Upper
013-08	1.357	-1.100	0.56	11	1975	13.92	8.10E-03	Upper
013-09	1.794	-0.612	0.75	142	1975	144.25	1.18E-43	Lower
013-09	1.929	-1.175	0.85	136	1954	85.10	8.02E-57	Middle
013-09	1.741	-1.348	0.83	159	1954	92.39	2.01E-61	Upper
013-11	1.662	-1.105	0.50	64	1993	100.08	4.89E-11	Upper
016-05	1.812	-1.432	0.85	19	1966	12.52	2.26E-08	Lower
016-05	1.840	-1.445	0.87	20	1966	12.17	2.35E-09	Middle
016-05	1.657	-1.601	0.85	23	1966	12.72	4.13E-10	Upper
017-04	1.813	-0.906	0.97	96	1985	10.44	6.96E-75	Lower
017-04	1.782	-1.072	0.98	98	1947	5.83	9.81E-88	Middle
017-04	1.584	-1.284	0.96	108	1947	11.52	2.26E-77	Upper
018-03	1.337	-0.794	0.84	8	1981	3.70	1.40E-03	Lower
018-03	1.601	-1.273	1.00	8	1981	0.03	4.29E-10	Middle
018-03	1.500	-1.362	0.95	13	1981	1.72	1.08E-08	Upper
020-30	0.766	0.868	0.91	7	1951	0.24	8.10E-04	Lower
020-30	0.721	0.751	0.93	7	1951	0.23	3.97E-04	Middle
020-30	1.838	0.027	0.78	11	1951	6.31	2.84E-04	Upper
021-03	1.696	-1.176	1.00	4	1972	0.04	1.72E-03	Lower
021-03	1.694	-1.173	1.00	4	1972	0.01	3.41E-04	Middle
021-03	1.540	-1.359	0.95	8	1972	1.08	3.89E-05	Upper
021-04	1.564	-1.640	0.77	29	1971	18.39	5.04E-10	Middle
021-04	1.483	-1.738	0.77	36	1971	20.36	1.95E-12	Upper
025-08	1.591	-0.852	0.62	69	1960	102.69	1.54E-15	Lower
025-08	1.853	-1.362	0.81	70	1960	49.87	1.73E-26	Middle
025-08	1.614	-1.565	0.82	78	1960	40.76	2.69E-30	Upper
026-09	0.893	-0.036	0.98	43	1951	1.02	2.17E-36	Lower
026-09	0.858	-0.074	0.98	44	1951	0.76	3.08E-39	Middle
026-09	1.263	-1.113	0.85	52	1951	18.86	1.56E-22	Upper
026-10	1.688	-1.425	0.64	87	1967	120.91	1.94E-20	Lower
026-10	1.551	-1.623	0.65	87	1967	96.16	2.80E-21	Middle
026-10	1.441	-1.717	0.68	93	1967	79.91	4.58E-24	Upper
027-03	1.804	-1.050	0.99	7	1972	0.22	1.44E-06	Lower
027-03	1.699	-1.161	0.98	8	1972	0.61	2.59E-06	Middle
027-03	1.636	-1.227	0.97	11	1972	1.12	3.49E-08	Upper
027-06	2.251	-0.884	0.84	22	1971	16.84	2.20E-09	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
027-06	2.224	-1.010	0.82	24	1972	19.78	1.14E-09	Middle
027-06	1.982	-1.179	0.82	29	1972	18.81	1.10E-11	Upper
028-02	1.092	0.245	0.98	35	1970	0.97	1.98E-28	Lower
028-02	1.382	-0.221	0.82	33	1970	13.20	3.73E-13	Middle
028-02	1.892	-0.960	0.99	40	1970	0.83	1.63E-43	Upper
028-03	1.552	-1.669	0.73	37	1970	26.91	2.30E-11	Middle
028-03	1.523	-1.666	0.76	42	1970	26.68	4.42E-14	Upper
028-04	0.841	0.547	0.92	298	1984	16.15	7.70E-164	Lower
028-04	0.916	0.217	0.92	299	1984	19.93	3.71E-162	Middle
028-04	1.434	-0.623	0.79	306	1984	146.81	9.72E-105	Upper
031-03	0.950	0.395	0.96	60	1971	1.82	4.81E-43	Lower
031-03	1.611	-1.352	0.64	66	1971	83.65	1.20E-15	Upper
036-01	1.571	-1.434	0.68	53	2000	45.91	3.20E-14	Middle
036-01	1.495	-1.529	0.68	62	2000	50.65	1.76E-16	Upper
036-02	1.399	-0.676	0.58	80	1990	113.83	2.05E-16	Lower
036-02	1.618	-1.331	0.75	79	1990	66.29	4.73E-25	Middle
036-02	1.484	-1.456	0.77	90	1990	57.43	8.98E-30	Upper
036-03	1.008	0.685	0.94	127	1997	4.47	1.82E-79	Lower
037-02	1.588	-1.661	0.50	198	1982	345.20	1.84E-31	Middle
037-02	1.474	-1.768	0.51	204	1983	293.46	1.44E-33	Upper
037-03	0.981	0.056	0.99	31	1981	0.30	2.61E-31	Lower
037-03	1.312	-0.580	0.86	31	1981	10.81	8.85E-14	Middle
037-03	1.572	-1.288	0.97	35	1981	2.90	5.49E-27	Upper
037-04	1.795	-0.884	0.97	86	1987	8.34	2.03E-66	Lower
037-04	1.766	-1.087	1.00	88	1987	1.26	2.45E-102	Middle
037-04	1.587	-1.275	0.98	92	1987	4.83	1.18E-77	Upper
041-01	0.938	0.023	0.99	16	1983	0.24	1.69E-14	Lower
041-01	0.861	-0.056	0.95	14	1983	0.73	5.31E-09	Middle
041-01	1.201	-0.796	0.78	24	1983	10.88	1.12E-08	Upper
043-05	1.704	-1.358	0.57	29	1993	42.21	2.24E-06	Upper
044-03	1.519	-1.721	0.69	105	1979	111.39	7.37E-28	Lower
044-03	1.434	-1.804	0.67	104	1979	104.96	3.71E-26	Middle
044-03	1.328	-1.887	0.69	109	1980	89.17	6.67E-29	Upper
045-01	1.211	-2.000	0.52	181	1975	189.63	4.77E-30	Middle
045-01	1.132	-2.056	0.54	189	1986	160.56	1.32E-33	Upper
046-04	1.025	-0.222	0.72	16	1946	8.54	3.57E-05	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
046-04	1.654	-1.200	0.97	19	1946	1.81	5.77E-15	Middle
046-04	1.441	-1.433	0.97	21	1946	1.86	6.25E-16	Upper
050-05	0.987	0.373	0.99	61	1986	0.76	9.64E-56	Lower
050-05	0.909	0.285	0.96	61	1986	1.89	3.25E-42	Middle
050-05	1.492	-0.598	0.86	66	1986	19.82	2.76E-29	Upper
050-07	0.683	0.846	0.75	20	1988	1.94	8.58E-07	Lower
051-02	1.394	0.081	0.66	120	1958	95.58	9.64E-30	Lower
051-02	1.662	-1.340	0.68	120	1958	124.57	6.27E-31	Middle
051-02	1.356	-1.749	0.62	125	1958	116.33	1.39E-27	Upper
051-04	0.976	0.529	0.96	45	1981	1.54	7.93E-33	Lower
051-04	1.072	0.273	0.98	50	1981	1.38	2.91E-40	Middle
051-04	1.695	-0.688	0.85	54	1981	25.60	2.55E-23	Upper
051-05	1.681	-1.040	0.78	88	1972	75.86	4.18E-30	Lower
051-05	1.621	-1.340	0.80	88	1972	60.57	3.85E-32	Middle
051-05	1.432	-1.526	0.79	95	1972	58.73	7.85E-33	Upper
051-06	0.800	0.618	0.95	130	1975	4.56	7.23E-83	Lower
051-06	1.759	-0.348	0.83	132	1975	76.46	1.05E-52	Middle
051-06	1.909	-0.785	0.94	137	1975	33.21	3.07E-82	Upper
051-07	1.889	-0.855	0.97	153	1975	18.74	3.86E-113	Lower
051-07	1.877	-0.865	0.97	155	1992	19.37	1.84E-113	Middle
051-07	1.797	-0.965	0.96	163	1992	23.04	6.31E-112	Upper
052-01	2.021	-1.166	0.90	206	1986	105.30	2.73E-102	Lower
052-01	1.955	-1.213	0.90	206	1986	97.53	5.42E-103	Middle
052-01	1.723	-1.443	0.87	212	1986	97.20	1.65E-96	Upper
052-02	1.948	-0.884	0.99	89	1988	2.42	4.66E-95	Lower
052-02	1.879	-0.961	0.99	89	1988	2.53	2.28E-93	Middle
052-02	1.700	-1.154	0.97	94	1988	7.98	1.81E-72	Upper
052-03	1.867	-0.989	0.99	114	1978	3.91	9.27E-123	Lower
052-03	1.789	-1.076	0.98	113	1978	10.22	1.80E-96	Middle
052-03	1.692	-1.182	0.96	118	1978	17.77	1.73E-85	Upper
052-04	0.614	1.146	0.88	56	1981	1.77	6.34E-27	Lower
052-04	1.530	0.599	0.54	57	1981	69.43	5.68E-11	Middle
052-04	2.498	-0.034	0.89	60	1981	28.77	1.00E-29	Upper
052-05	2.386	-0.069	0.77	36	1972	21.67	1.53E-12	Lower
052-05	1.996	-0.915	0.81	39	1972	16.18	4.43E-15	Middle
052-05	1.654	-1.303	0.77	40	1972	14.89	1.39E-13	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-07	0.958	0.035	0.99	67	1982	0.92	7.90E-64	Lower
052-07	0.945	0.022	0.97	66	1982	2.16	1.04E-50	Middle
052-07	1.293	-0.458	0.78	70	1982	39.30	2.93E-24	Upper
052-08	0.984	0.362	1.00	108	1975	0.74	6.98E-124	Lower
052-08	0.964	0.040	0.99	108	1975	0.86	1.85E-119	Middle
052-08	0.909	-0.018	1.00	111	1978	0.02	1.49E-209	Upper
053-01	1.399	-0.690	0.52	22	1989	19.20	1.64E-04	Lower
053-01	1.732	-1.131	1.00	24	1974	0.00		Middle
053-01	1.766	-1.088	0.99	26	1983	0.43	1.20E-27	Upper
053-02	0.986	0.169	0.98	57	1979	1.47	1.36E-48	Lower
053-02	0.929	0.005	0.98	55	1979	1.26	7.77E-47	Middle
053-02	1.589	-1.082	0.93	61	1979	15.71	2.01E-35	Upper
053-05	1.648	-1.147	0.56	18	1993	24.84	3.66E-04	Lower
053-05	1.643	-1.617	0.66	15	1993	14.92	2.16E-04	Middle
053-05	1.577	-1.785	0.66	23	1993	19.07	2.81E-06	Upper
053-06	1.356	-1.221	0.52	143	1983	212.05	6.29E-24	Middle
053-06	1.663	-1.561	0.76	145	1983	107.86	4.31E-46	Upper
053-07	1.422	-1.264	0.54	251	1981	385.34	1.22E-43	Lower
053-07	1.641	-1.580	0.75	248	1981	203.74	5.13E-75	Middle
053-07	1.521	-1.692	0.74	264	1970	193.36	6.44E-79	Upper
053-08	1.618	-0.238	0.52	16	1957	16.31	1.61E-03	Lower
053-08	2.407	-0.403	1.00	13	1957	0.00	8.06E-178	Middle
053-08	1.982	-0.849	0.98	20	1957	0.77	8.20E-18	Upper
054-04	1.027	0.074	0.95	186	1982	13.35	6.50E-118	Lower
054-04	1.707	-1.128	0.97	186	1980	19.18	1.34E-142	Middle
054-04	1.500	-1.343	0.94	195	1980	29.66	3.13E-123	Upper
054-05	1.041	0.424	0.98	143	1983	3.67	9.71E-121	Lower
054-05	1.601	-0.440	0.84	147	1983	77.89	1.81E-60	Middle
054-05	1.772	-1.068	0.98	148	1983	11.82	1.34E-122	Upper
055-04	1.617	-1.332	0.87	161	1951	87.29	1.39E-72	Lower
055-04	1.553	-1.434	0.87	160	1951	84.02	3.36E-71	Middle
055-04	1.413	-1.548	0.84	170	1951	86.54	1.92E-69	Upper
055-05	2.001	-1.377	0.66	137	1995	212.54	2.81E-33	Lower
055-05	1.910	-1.451	0.68	140	1995	180.86	7.57E-36	Middle
055-05	1.740	-1.636	0.69	146	1995	152.05	3.35E-38	Upper
055-06	1.682	-0.553	0.63	63	1984	67.15	9.40E-15	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
055-06	1.254	-1.795	0.57	66	1984	52.91	1.94E-13	Middle
055-06	1.272	-1.798	0.64	72	1984	53.38	3.13E-17	Upper
055-07	0.935	0.408	0.93	101	1983	6.95	4.33E-60	Lower
055-07	0.942	0.247	0.92	98	1983	8.16	6.18E-55	Middle
055-07	1.487	-0.830	0.84	111	1983	49.28	1.41E-45	Upper
056-01	1.162	0.362	0.78	38	1985	11.93	1.85E-13	Lower
056-01	2.132	-0.662	0.98	37	1985	3.11	8.86E-31	Middle
056-01	1.922	-0.889	0.97	42	1985	3.44	2.63E-33	Upper
056-02	1.933	-0.914	1.00	72	1985	1.23	2.43E-84	Lower
056-02	1.898	-0.945	1.00	70	1985	0.69	3.12E-89	Middle
056-02	1.773	-1.088	0.98	81	1985	6.16	7.67E-66	Upper
056-03	1.741	-0.992	0.83	133	1981	93.36	7.57E-52	Lower
056-03	1.783	-1.285	0.90	132	1980	52.55	4.38E-66	Middle
056-03	1.570	-1.471	0.89	144	1981	47.91	6.07E-70	Upper
057-01	2.004	-0.829	1.00	92	1990	0.98	1.39E-115	Lower
057-01	1.955	-0.884	1.00	94	1990	0.91	2.75E-119	Middle
057-01	1.785	-1.072	0.98	97	1990	6.62	5.72E-79	Upper
057-02	2.112	-1.055	0.83	133	1976	99.79	1.07E-52	Lower
057-02	1.977	-1.189	0.82	133	1976	92.12	2.69E-51	Middle
057-02	1.729	-1.405	0.82	142	1976	77.21	1.95E-54	Upper
057-03	0.854	0.267	0.65	39	1991	12.13	6.43E-10	Lower
057-03	1.140	-0.346	0.69	36	1991	16.07	3.52E-10	Middle
057-03	1.679	-1.229	0.87	46	1991	14.15	2.52E-21	Upper
059-01	1.433	-1.164	0.84	30	1959	12.53	1.16E-12	Lower
059-01	1.504	-1.361	0.98	29	1959	1.33	8.73E-25	Middle
059-01	1.363	-1.471	0.95	38	1950	5.46	1.03E-24	Upper
059-30	2.076	-0.543	0.91	20	1986	7.08	6.72E-11	Lower
059-30	2.042	-0.796	1.00	19	1986	0.04	4.83E-29	Middle
059-30	1.787	-1.185	0.91	26	1986	8.15	5.41E-14	Upper
060-01	1.120	-0.348	0.69	10	1967	8.82	2.77E-03	Lower
060-01	1.553	-1.244	0.97	13	1955	1.52	1.49E-09	Middle
060-01	1.409	-1.348	0.84	18	1955	8.31	7.37E-08	Upper
060-03	1.059	0.359	0.98	55	1984	1.02	3.16E-49	Lower
060-03	1.085	0.167	0.98	55	1984	1.01	2.10E-49	Middle
060-03	1.715	-1.000	0.95	60	1984	9.81	1.04E-38	Upper
060-04	2.063	-0.647	0.73	40	1990	10.89	1.84E-12	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
060-04	2.209	-0.616	0.99	42	1990	0.26	2.20E-47	Middle
060-04	1.910	-0.939	0.98	44	1990	1.41	4.66E-36	Upper
064-04	2.293	-1.285	0.78	98	1979	99.28	2.07E-33	Lower
064-04	2.186	-1.360	0.78	99	1985	92.93	1.99E-33	Middle
064-04	1.893	-1.574	0.76	103	1985	78.12	1.94E-33	Upper
064-05	1.991	-0.851	1.00	18	1997	0.02	8.80E-29	Lower
064-05	1.814	-1.043	1.00	18	1997	0.03	4.88E-28	Middle
064-05	1.622	-1.249	1.00	21	1997	0.17	7.32E-25	Upper
064-06	1.668	-1.669	0.53	53	1998	80.29	5.98E-10	Middle
064-06	1.448	-1.845	0.51	57	1998	70.96	4.06E-10	Upper
064-90	1.680	-1.756	0.63	13	1979	13.21	1.24E-03	Lower
064-90	1.700	-1.747	0.72	15	1979	11.95	7.09E-05	Middle
064-90	1.555	-1.846	0.71	18	1979	12.19	1.25E-05	Upper
065-04	1.364	-0.032	0.78	34	1996	16.69	4.20E-12	Lower
065-04	1.925	-0.895	0.98	36	1996	2.70	5.86E-30	Middle
065-04	1.701	-1.181	0.94	39	1996	6.71	5.36E-24	Upper
065-05	1.967	-0.696	0.65	24	1996	34.14	2.11E-06	Lower
065-05	2.244	-1.029	0.80	23	1996	19.49	6.89E-09	Middle
065-05	1.862	-1.454	0.77	29	1996	20.09	4.73E-10	Upper
066-07	0.883	0.788	0.94	35	1995	1.07	1.16E-21	Lower
066-07	1.985	-1.195	0.61	43	1995	65.72	8.14E-10	Upper
075-01	1.945	0.127	0.63	31	2000	38.27	1.04E-07	Lower
075-01	2.374	-0.432	0.99	31	2000	1.18	1.40E-29	Middle
075-01	2.095	-0.724	0.96	34	2000	3.63	4.46E-24	Upper
102-02	0.695	0.577	0.81	7	1975	0.68	5.62E-03	Lower
102-02	1.530	-0.282	0.64	8	1975	8.70	1.76E-02	Middle
102-02	1.516	-1.286	0.70	10	1975	9.57	2.55E-03	Upper
122-02	1.770	-1.088	0.98	22	1986	1.31	2.56E-19	Lower
122-02	1.676	-1.192	0.97	21	1986	2.27	2.38E-15	Middle
122-02	1.588	-1.290	0.95	26	1986	3.51	1.35E-17	Upper
142-04	2.275	-0.545	1.00	5	1989	0.00	3.66E-49	Middle
142-04	1.648	-1.196	0.98	10	1989	0.68	8.31E-08	Upper
144-01	0.933	0.197	0.92	73	1978	6.72	2.20E-41	Lower
144-01	1.589	-0.933	0.90	70	1978	25.49	6.13E-36	Middle
144-01	1.601	-1.161	0.93	79	1978	19.44	7.04E-46	Upper
152-03	0.848	0.692	0.82	112	1975	10.94	2.08E-42	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
152-03	1.499	0.043	0.66	110	1975	78.08	4.50E-27	Middle
152-03	1.783	-1.069	0.76	119	1975	80.13	2.19E-38	Upper
159-03	1.310	-0.255	0.82	130	1987	58.78	8.83E-50	Lower
159-03	1.799	-1.024	0.99	131	1987	6.82	1.56E-123	Middle
159-03	1.601	-1.225	0.97	142	1969	13.79	2.09E-107	Upper
173-01	1.256	0.472	0.71	15	1983	5.42	7.93E-05	Lower
177-01	1.542	-0.980	0.75	83	1966	86.84	2.73E-26	Lower
177-01	1.649	-1.368	0.87	80	1986	44.86	4.70E-36	Middle
177-01	1.468	-1.588	0.86	91	1966	42.90	3.19E-39	Upper
177-03	1.654	-1.221	0.99	7	1977	0.11	1.63E-06	Lower
177-03	1.343	-1.539	0.96	11	1977	0.79	1.55E-07	Upper
193-01	0.946	0.489	0.91	7	1991	0.54	8.84E-04	Lower
193-01	2.134	-0.740	0.79	10	1991	7.46	5.92E-04	Middle
193-01	2.001	-1.136	0.84	14	1991	8.47	4.02E-06	Upper
193-06	2.013	-0.936	0.67	6	1953	6.16	4.63E-02	Middle
193-06	1.849	-1.329	0.71	9	1953	7.63	4.52E-03	Upper
196-04	1.039	0.121	1.00	3	1985	0.00	2.90E-17	Middle
196-04	1.303	-0.159	0.80	8	1982	3.13	2.79E-03	Upper
198-03	0.824	0.221	0.95	8	1980	0.47	4.25E-05	Lower
198-03	2.075	-0.760	1.00	4	1969	0.00	2.88E-32	Middle
198-03	1.676	-1.157	0.98	14	1965	0.95	3.86E-12	Upper
200-02	0.950	0.034	0.98	11	1975	0.26	7.33E-09	Lower
200-02	1.407	-0.812	0.87	11	1975	3.77	2.38E-05	Middle
200-02	1.531	-1.330	0.94	17	1975	2.64	8.79E-11	Upper
201-02	1.898	-0.906	0.98	92	1979	6.75	2.84E-79	Lower
201-02	1.822	-0.987	0.97	91	1979	9.64	5.31E-70	Middle
201-02	1.647	-1.170	0.95	100	1991	14.81	2.26E-65	Upper
207-03	0.988	1.144	1.00	4	1956	0.01	2.24E-03	Lower
207-07	1.789	-1.022	0.97	104	1947	10.31	8.20E-83	Lower
207-07	1.662	-1.182	0.99	99	1987	3.55	8.42E-97	Middle
207-07	1.454	-1.390	0.98	115	1990	6.54	7.26E-95	Upper
207-08	1.846	-1.000	1.00	12	1989	0.18	2.49E-13	Lower
207-08	1.714	-1.148	1.00	11	1989	0.13	1.55E-12	Middle
207-08	1.643	-1.217	0.98	19	1987	1.18	2.41E-15	Upper
212-02	1.171	-1.948	0.54	46	1983	26.39	5.60E-09	Middle
212-02	1.399	-1.759	0.66	53	1983	32.82	1.24E-13	Upper

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
212-03	1.224	-1.898	0.51	86	1980	86.92	1.07E-14	Middle
212-03	1.101	-2.015	0.50	91	1976	76.89	3.93E-15	Upper
219-03	1.226	-1.593	0.54	8	1965	11.85	3.66E-02	Lower
219-03	1.614	-1.540	0.84	7	1965	4.58	3.82E-03	Middle
219-03	1.504	-1.820	0.79	14	1965	10.61	2.19E-05	Upper
224-01	1.098	-0.104	0.80	40	1986	15.28	8.69E-15	Lower
224-01	1.704	-1.148	0.99	39	1978	2.06	1.00E-35	Middle
224-01	1.495	-1.374	0.98	43	1978	2.55	2.95E-36	Upper
230-03	1.496	-0.815	0.84	22	1979	11.47	1.62E-09	Lower
230-03	1.637	-1.233	1.00	24	1979	0.14	7.53E-32	Middle
230-03	1.438	-1.444	0.99	25	1979	0.46	2.45E-26	Upper
230-06	2.022	-0.802	1.00	25	1992	0.42	1.74E-28	Lower
230-06	1.940	-0.891	0.99	25	1992	0.62	4.55E-26	Middle
230-06	1.695	-1.153	0.97	30	1992	2.34	9.02E-23	Upper
237-01	2.218	-1.244	0.64	99	1995	169.38	2.15E-23	Lower
237-01	2.162	-1.330	0.63	99	1995	164.49	1.24E-22	Middle
237-01	1.932	-1.477	0.64	104	1995	137.79	3.42E-24	Upper
239-02	1.424	-1.464	1.00	3	1954	0.00	5.44E-03	Lower
239-02	1.407	-1.482	1.00	4	1954	0.01	3.07E-04	Middle
239-02	1.337	-1.551	0.98	7	1954	0.41	2.22E-05	Upper
240-01	1.782	-1.076	1.00	5	1978	0.02	1.39E-05	Lower
240-01	1.730	-1.133	1.00	4	1978	0.00	1.90E-05	Middle
240-01	1.659	-1.211	1.00	8	1978	0.09	8.45E-09	Upper
240-02	0.832	0.220	0.93	8	1978	0.43	9.27E-05	Lower
240-02	0.773	0.164	0.88	12	1978	1.11	7.73E-06	Middle
240-02	0.952	-0.503	0.70	14	1978	5.31	1.86E-04	Upper
243-02	1.699	-1.167	1.00	4	1970	0.00	1.20E-04	Lower
243-02	1.615	-1.250	0.98	8	1970	0.43	1.42E-06	Middle
243-02	1.514	-1.353	0.97	9	1970	0.85	1.04E-06	Upper
244-01	1.816	-1.004	0.94	90	1984	23.25	3.00E-54	Lower
244-01	1.750	-1.165	0.95	90	1985	18.72	2.91E-57	Middle
244-01	1.608	-1.368	0.90	98	1985	30.69	4.12E-50	Upper
246-01	1.823	-0.508	0.85	132	1983	67.79	4.53E-56	Lower
246-01	1.913	-0.917	0.99	134	1983	4.33	1.24E-134	Middle
246-01	1.689	-1.153	0.98	139	1983	6.91	1.73E-120	Upper
247-02	0.670	0.914	0.79	127	1993	9.58	1.33E-44	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
247-02	0.868	0.501	0.54	128	1993	54.62	3.44E-23	Middle
247-02	1.477	-1.911	0.57	136	1982	154.42	4.01E-26	Upper
247-03	0.819	0.819	0.96	64	1988	1.34	1.77E-44	Lower
247-03	1.712	0.186	0.73	62	1988	48.64	9.21E-19	Middle
247-03	2.344	-0.405	0.93	68	1988	19.83	5.25E-40	Upper
248-03	1.049	0.143	0.83	63	1980	17.88	7.75E-25	Lower
248-03	1.803	-1.047	0.99	62	1980	1.85	2.13E-65	Middle
248-03	1.637	-1.214	0.98	68	1980	5.43	3.63E-55	Upper
250-01	0.951	0.345	0.92	160	1986	9.63	1.88E-90	Lower
250-01	0.871	0.270	0.90	156	1989	10.37	1.39E-79	Middle
250-01	0.924	-0.219	0.69	172	1989	52.27	6.04E-45	Upper
250-04	1.696	-1.062	0.88	42	1986	7.67	4.11E-20	Lower
250-04	1.675	-1.192	0.99	43	1986	0.34	4.93E-47	Middle
250-04	1.534	-1.344	1.00	45	1986	0.18	4.60E-56	Upper
253-04	1.281	-0.490	0.78	32	1994	18.73	2.51E-11	Lower
253-04	1.607	-1.266	1.00	31	1982	0.06	1.17E-48	Middle
253-04	1.490	-1.367	0.97	35	1982	2.76	3.48E-27	Upper
254-02	1.742	-0.800	0.75	29	1989	13.45	1.07E-09	Lower
254-02	1.800	-1.057	1.00	29	1989	0.02	1.33E-47	Middle
254-02	1.737	-1.128	1.00	32	1989	0.24	1.48E-37	Upper
254-03	1.555	-1.171	0.90	49	1977	11.53	4.47E-25	Lower
254-03	1.468	-1.415	1.00	50	1989	0.20	1.47E-66	Middle
254-03	1.369	-1.521	1.00	53	1975	0.35	4.06E-64	Upper
260-06	1.505	-1.687	0.55	30	1995	32.07	3.06E-06	Upper
261-03	1.987	-1.409	0.64	68	1995	102.40	3.25E-16	Lower
261-03	1.866	-1.564	0.63	69	1995	91.09	4.02E-16	Middle
261-03	1.646	-1.685	0.65	76	1995	75.22	1.05E-18	Upper
261-04	1.693	-1.499	0.57	185	1986	278.74	2.98E-35	Middle
261-04	1.577	-1.611	0.58	194	1986	247.87	6.42E-38	Upper
261-05	0.896	0.553	0.88	89	1986	7.90	1.56E-42	Lower
261-05	0.963	-0.061	0.55	88	1986	56.85	1.23E-16	Middle
261-05	1.417	-1.374	0.51	94	1986	150.95	4.68E-16	Upper
262-01	1.520	-0.800	0.84	118	1984	65.12	2.15E-47	Lower
262-01	1.669	-1.245	0.94	113	1950	24.78	2.02E-69	Middle
262-01	1.487	-1.440	0.93	129	1984	27.41	1.06E-73	Upper
265-01	1.510	-1.008	0.87	16	1976	6.66	1.44E-07	Lower

$$ACI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
265-01	1.537	-1.341	1.00	17	1976	0.05	1.32E-23	Middle
265-01	1.435	-1.450	1.00	20	1976	0.26	2.18E-22	Upper
282-02	1.760	-1.489	0.68	27	1994	25.95	1.19E-07	Upper
296-03	1.475	-1.377	0.94	8	1983	0.71	7.67E-05	Upper
315-03	1.007	0.091	0.99	106	1983	1.09	4.60E-104	Lower
315-03	0.938	0.028	0.97	104	1983	2.83	2.08E-77	Middle
315-03	1.474	-0.955	0.88	112	1983	31.39	8.92E-52	Upper
353-03	0.840	-0.079	0.96	19	1978	0.79	3.72E-13	Lower
353-03	0.725	-0.191	0.87	19	1978	1.90	6.17E-09	Middle
353-03	1.168	-0.958	0.79	25	1978	11.36	2.69E-09	Upper
380-03	2.065	-1.176	0.86	10	1994	4.13	9.74E-05	Middle
380-03	1.924	-1.450	0.80	15	1994	9.76	6.82E-06	Upper
384-02	1.691	-1.121	0.96	45	1984	4.00	5.27E-31	Lower
384-02	1.594	-1.280	1.00	47	1988	0.12	2.03E-66	Middle
384-02	1.463	-1.421	1.00	48	1984	0.12	2.40E-66	Upper
392-03	1.863	-0.998	0.99	5	1981	0.13	3.14E-04	Lower
392-03	1.804	-1.079	0.98	9	1981	0.64	4.74E-07	Middle
392-03	1.714	-1.191	0.96	11	1981	1.10	1.22E-07	Upper
407-05	1.804	-0.828	0.96	28	1989	4.04	9.24E-20	Lower
407-05	1.828	-1.025	0.99	27	1989	1.04	2.55E-26	Middle
407-05	1.724	-1.129	0.97	34	1989	3.21	8.67E-26	Upper
836-13	0.842	0.837	0.87	15	1972	1.00	3.71E-07	Lower
836-13	1.853	-0.174	0.77	14	1972	9.81	3.66E-05	Middle
836-13	1.796	-1.393	0.76	20	1972	14.24	5.60E-07	Upper
840-36	1.019	0.099	1.00	4	1984	0.00	2.03E-32	Lower
840-36	1.019	0.099	1.00	4	1984	0.00	2.03E-32	Middle
840-36	1.081	-0.496	0.73	7	1984	3.45	1.48E-02	Upper
848-01	0.856	0.775	0.87	32	1982	2.54	4.53E-15	Lower
848-01	1.852	-0.144	0.80	36	1982	22.48	1.48E-13	Middle
848-01	1.980	-0.784	0.86	38	1982	18.50	5.05E-17	Upper
848-15	1.791	-1.272	0.60	70	1984	94.24	5.47E-15	Middle
848-15	1.481	-1.683	0.53	77	1984	94.39	5.30E-14	Upper
853-33	1.538	-1.782	0.84	9	1982	4.32	5.35E-04	Upper
853-36	1.125	0.324	0.62	12	1981	6.02	2.25E-03	Lower
853-36	2.192	-0.518	0.94	10	1981	1.83	4.67E-06	Middle
853-36	1.667	-1.407	0.78	17	1981	11.11	2.22E-06	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	1.464	-1.901	0.64	52	1996	37.58	9.70E-13	Middle
001-01	1.415	-1.938	0.64	55	1996	36.77	1.67E-13	Upper
001-03	1.346	-1.221	0.58	269	1955	277.41	1.28E-51	Middle
001-03	1.574	-1.572	0.74	277	2001	183.12	4.51E-83	Upper
001-04	1.415	-1.083	0.55	77	1955	82.38	1.42E-14	Lower
001-04	1.726	-1.531	0.73	77	1955	56.08	7.16E-23	Middle
001-04	1.608	-1.662	0.72	86	1955	56.64	8.76E-25	Upper
001-06	1.066	-0.675	0.66	291	1971	197.58	1.06E-69	Lower
001-06	1.459	-1.548	0.92	298	1971	63.18	2.56E-164	Middle
001-06	1.375	-1.624	0.91	311	1971	64.98	6.97E-164	Upper
001-07	0.691	0.065	0.68	127	1952	30.46	4.24E-33	Lower
001-07	0.650	-0.052	0.62	123	1952	34.57	2.61E-27	Middle
001-07	1.209	-0.972	0.74	140	1952	74.71	2.41E-42	Upper
001-08	0.639	0.036	0.73	129	1947	19.19	9.08E-38	Lower
001-08	0.597	-0.002	0.64	133	1947	25.12	4.21E-31	Middle
001-08	0.715	-0.416	0.55	140	1947	55.22	9.12E-26	Upper
002-01	1.581	-1.266	0.96	20	1947	1.97	2.29E-14	Lower
002-01	1.479	-1.369	0.98	24	1947	1.15	1.81E-19	Middle
002-01	1.393	-1.449	0.96	29	1947	2.26	2.98E-20	Upper
002-03	1.302	-0.884	0.62	304	1947	403.05	5.99E-65	Lower
002-03	1.597	-1.591	0.84	294	1947	181.95	2.01E-118	Middle
002-03	1.456	-1.716	0.85	321	1947	145.69	1.46E-134	Upper
002-04	0.766	-0.136	0.91	239	1957	11.82	3.81E-128	Lower
002-04	0.689	-0.199	0.87	240	1947	15.32	4.91E-107	Middle
002-04	0.728	-0.508	0.65	253	1947	63.55	4.55E-59	Upper
002-05	0.770	-0.037	0.82	212	1947	30.51	2.13E-79	Lower
002-05	0.691	-0.228	0.79	211	1947	28.63	2.06E-73	Middle
002-05	0.972	-0.883	0.74	218	1947	78.82	8.69E-65	Upper
003-02	0.851	0.077	0.92	88	1953	5.39	2.52E-48	Lower
003-02	0.924	-0.192	0.78	87	1947	19.67	1.29E-29	Middle
003-02	1.577	-1.487	0.78	96	1953	62.35	9.79E-33	Upper
003-03	1.352	-1.085	0.65	200	1947	206.05	1.52E-47	Lower
003-03	1.458	-1.744	0.76	202	1947	141.59	8.71E-65	Middle
003-03	1.403	-1.795	0.76	207	1947	137.48	2.53E-65	Upper
003-04	0.743	-0.173	0.92	40	1947	2.11	4.59E-22	Lower
003-04	0.703	-0.209	0.86	41	1947	3.33	1.93E-18	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-04	1.329	-1.093	0.85	48	1947	15.45	2.84E-20	Upper
003-05	1.391	-1.064	0.59	132	1947	177.97	9.41E-27	Middle
003-05	1.738	-1.497	0.83	144	1947	90.62	1.19E-55	Upper
003-07	0.720	-0.058	0.81	134	1972	11.29	2.45E-49	Lower
003-07	0.662	-0.212	0.87	130	1972	6.14	4.21E-58	Middle
003-07	0.677	-0.439	0.55	143	1972	37.36	6.39E-26	Upper
003-08	0.816	-0.311	0.58	59	1972	27.49	2.94E-12	Lower
003-08	0.806	-0.423	0.51	61	1972	34.79	1.15E-10	Middle
003-08	1.263	-1.084	0.72	70	1972	40.09	2.46E-20	Upper
004-01	1.269	-1.715	0.80	9	1949	4.09	1.06E-03	Middle
004-01	1.281	-1.691	0.74	21	1953	14.70	5.82E-07	Upper
004-04	1.178	-0.597	0.72	35	1962	20.32	1.38E-10	Lower
004-04	1.565	-1.249	0.96	37	1978	4.62	3.45E-25	Middle
004-04	1.469	-1.318	0.93	48	1978	7.68	5.29E-28	Upper
004-05	1.108	0.196	1.00	3	1962	0.00	2.09E-16	Lower
004-05	1.750	-1.569	0.73	7	1962	5.83	1.37E-02	Upper
004-08	0.738	-0.207	0.52	198	1948	113.01	2.38E-33	Lower
004-08	0.941	-0.624	0.59	200	1948	142.20	2.52E-40	Middle
004-08	1.440	-1.512	0.87	225	1948	76.16	3.51E-101	Upper
005-07	1.275	-1.936	0.58	24	1950	23.32	1.66E-05	Upper
007-03	1.956	-0.889	1.00	3	1952	0.00	7.76E-17	Lower
007-03	1.486	-1.252	0.93	9	1952	1.47	2.73E-05	Upper
007-04	1.615	-1.221	0.98	70	1970	2.71	2.57E-63	Lower
007-04	1.534	-1.296	0.97	69	1952	4.28	7.41E-54	Middle
007-04	1.432	-1.407	0.97	79	1954	4.84	2.68E-59	Upper
007-05	1.876	-0.973	1.00	86	1997	0.82	1.14E-104	Lower
007-05	1.841	-1.010	0.99	87	1997	1.86	1.25E-90	Middle
007-05	1.666	-1.200	1.00	89	1997	0.79	1.32E-105	Upper
007-06	1.631	-1.465	0.82	109	1955	54.91	6.03E-42	Lower
007-06	1.614	-1.471	0.83	109	1955	51.23	3.43E-43	Middle
007-06	1.531	-1.566	0.83	116	1955	50.79	2.81E-45	Upper
007-07	0.611	-0.101	0.59	107	1999	30.35	7.04E-22	Lower
007-07	1.343	-1.388	0.82	106	1999	44.12	4.73E-41	Middle
007-07	1.374	-1.761	0.84	116	1951	43.71	2.93E-47	Upper
007-08	0.790	-0.048	0.88	122	1953	9.07	2.12E-57	Lower
007-08	1.626	-1.089	0.90	123	1953	32.03	1.05E-62	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-08	1.610	-1.283	0.92	133	1953	27.90	3.05E-72	Upper
008-05	1.700	-1.411	0.81	157	1955	95.67	4.87E-57	Middle
008-05	1.536	-1.556	0.83	168	1955	70.80	1.20E-66	Upper
008-06	0.950	0.211	0.90	112	1947	11.48	2.36E-57	Lower
008-06	1.624	-1.121	0.95	114	1947	15.02	3.62E-77	Middle
008-06	1.566	-1.289	0.98	120	1947	7.32	6.50E-98	Upper
008-07	0.889	-0.038	1.00	34	1967	0.05	1.88E-44	Lower
008-07	0.872	-0.056	0.99	36	1967	0.20	2.83E-37	Middle
008-07	1.409	-0.706	0.84	39	1967	13.44	2.13E-16	Upper
008-09	1.621	-1.292	0.75	139	1958	136.61	2.31E-43	Middle
008-09	1.566	-1.603	0.82	149	1958	93.29	2.12E-56	Upper
010-03	1.211	-0.867	0.64	49	1971	45.10	6.60E-12	Lower
010-03	1.617	-1.470	0.89	54	1971	18.58	2.71E-26	Middle
010-03	1.504	-1.561	0.89	59	1971	17.69	1.22E-28	Upper
012-06	1.352	-1.139	0.75	156	1972	117.23	5.91E-48	Lower
012-06	1.460	-1.666	0.88	153	1972	53.55	2.12E-71	Middle
012-06	1.419	-1.710	0.87	171	1972	59.44	4.40E-78	Upper
012-08	1.678	-0.816	0.87	78	1972	26.32	6.45E-35	Lower
012-08	1.586	-1.568	0.68	76	1972	70.24	7.76E-20	Middle
012-08	1.528	-1.612	0.70	83	1972	64.27	9.04E-23	Upper
012-09	0.784	-0.125	0.97	11	1970	0.15	2.94E-08	Lower
012-09	0.752	-0.154	0.95	7	1970	0.16	1.80E-04	Middle
012-09	1.117	-0.728	0.74	16	1970	5.21	1.86E-05	Upper
012-10	0.741	-0.095	0.82	29	1971	2.43	1.56E-11	Lower
012-10	0.713	-0.122	0.77	30	1971	3.25	1.47E-10	Middle
012-10	0.585	-0.257	0.72	35	1971	3.15	1.18E-10	Upper
012-11	1.278	-1.993	0.51	175	1969	134.80	1.61E-28	Upper
012-12	0.492	-0.011	0.55	22	1966	2.66	7.99E-05	Middle
012-12	1.425	-0.897	0.74	30	1966	11.80	9.41E-10	Upper
012-13	1.253	-1.362	0.64	12	1970	9.95	1.75E-03	Lower
012-13	1.408	-1.715	0.76	18	1951	12.44	2.82E-06	Upper
013-09	1.419	-1.160	0.61	92	1975	96.60	2.95E-20	Lower
013-09	1.512	-1.567	0.76	95	1954	55.57	5.98E-31	Middle
013-09	1.456	-1.643	0.78	104	1954	53.60	3.45E-35	Upper
013-11	1.410	-1.882	0.54	68	1993	65.43	1.14E-12	Upper
016-05	1.579	-1.442	0.84	29	1966	16.02	3.71E-12	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
016-05	1.644	-1.597	0.89	28	1966	10.03	4.22E-14	Middle
016-05	1.546	-1.682	0.89	35	1966	11.34	2.03E-17	Upper
017-04	1.138	-0.477	0.77	96	1985	37.57	4.58E-32	Lower
017-04	1.584	-1.265	0.98	94	1947	5.51	2.78E-78	Middle
017-04	1.515	-1.331	0.97	109	1947	8.48	6.78E-81	Upper
018-03	1.642	-1.216	0.99	12	1981	0.30	1.51E-11	Lower
018-03	1.563	-1.296	0.98	13	1981	0.84	2.18E-10	Middle
018-03	1.487	-1.359	0.95	18	1981	1.76	3.39E-12	Upper
021-03	0.857	-0.064	0.86	6	1972	0.78	7.21E-03	Middle
021-03	0.730	-0.172	0.72	7	1972	1.55	1.57E-02	Upper
021-04	1.617	-1.613	0.82	37	1971	20.70	1.26E-14	Lower
021-04	1.565	-1.638	0.83	35	1971	18.11	4.02E-14	Middle
021-04	1.528	-1.703	0.81	41	1971	21.49	7.81E-16	Upper
021-30	1.616	-1.253	1.00	4	1971	0.05	2.04E-03	Middle
021-30	1.535	-1.731	0.69	9	1971	7.97	5.32E-03	Upper
025-08	0.832	-0.078	0.64	96	1960	34.11	2.10E-22	Lower
025-08	1.577	-1.262	0.76	104	1960	73.57	6.06E-33	Middle
025-08	1.620	-1.537	0.85	106	1960	42.74	1.09E-44	Upper
026-09	0.828	-0.092	0.88	51	1951	6.15	3.07E-24	Lower
026-09	1.318	-1.165	0.89	50	1951	13.60	5.67E-25	Middle
026-09	1.423	-1.451	0.97	58	1951	4.60	4.85E-44	Upper
026-10	1.331	-1.877	0.71	84	1967	64.78	1.49E-23	Middle
026-10	1.331	-1.863	0.73	90	1967	63.13	1.63E-26	Upper
027-03	1.370	-0.845	0.83	8	1972	3.11	1.67E-03	Lower
027-03	1.681	-1.180	0.99	7	1972	0.21	3.49E-06	Middle
027-03	1.598	-1.267	0.98	11	1972	0.46	2.32E-09	Upper
027-06	1.277	-1.163	0.54	17	1971	20.64	8.39E-04	Lower
027-06	1.620	-1.555	0.79	20	1972	11.44	1.45E-07	Middle
027-06	1.588	-1.557	0.83	24	1972	10.72	5.79E-10	Upper
028-03	1.907	-1.342	0.78	44	1970	41.59	2.43E-15	Middle
028-03	1.762	-1.445	0.78	48	1970	39.50	9.40E-17	Upper
028-04	1.263	-0.248	0.72	204	1984	115.59	4.88E-57	Lower
028-04	1.808	-1.038	0.99	203	1984	5.13	6.60E-210	Middle
028-04	1.754	-1.095	0.99	211	1988	3.96	3.78E-229	Upper
031-03	0.849	0.067	0.92	72	1954	3.88	1.44E-39	Lower
031-03	1.529	-0.802	0.87	75	1971	21.57	3.57E-34	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
031-03	1.603	-1.529	0.76	78	1971	51.44	3.06E-25	Upper
033-02	1.723	-1.147	0.99	5	1975	0.24	6.75E-04	Lower
033-02	1.808	-1.060	0.98	4	1975	0.22	8.82E-03	Middle
033-02	1.689	-1.181	0.99	8	1975	0.22	1.77E-07	Upper
036-02	1.478	-1.599	0.77	82	1990	50.18	2.91E-27	Middle
036-02	1.446	-1.610	0.79	93	1990	48.85	2.95E-32	Upper
036-03	1.241	-0.180	0.66	112	1995	45.47	7.37E-28	Lower
037-02	0.875	0.038	0.89	187	1983	13.71	1.46E-90	Lower
037-02	1.298	-1.975	0.55	195	1983	212.83	3.74E-35	Upper
037-03	1.174	-0.180	0.75	25	1981	14.12	2.70E-08	Lower
037-03	1.559	-1.301	0.97	27	1981	2.41	9.83E-21	Middle
037-03	1.454	-1.418	0.98	30	1981	1.49	1.92E-25	Upper
037-04	1.346	-0.874	0.82	116	1987	34.88	1.09E-44	Lower
037-04	1.536	-1.303	0.98	116	1987	4.06	3.27E-100	Middle
037-04	1.436	-1.410	0.98	122	1987	4.57	5.18E-100	Upper
041-01	1.661	-1.208	1.00	16	1982	0.01	2.53E-27	Lower
041-01	1.635	-1.234	1.00	14	1983	0.01	6.20E-23	Middle
041-01	1.586	-1.278	0.99	20	1983	0.62	4.53E-19	Upper
043-05	0.876	0.002	0.93	23	1993	0.83	7.79E-14	Lower
043-05	1.431	-1.621	0.57	28	1993	29.35	3.70E-06	Upper
044-02	1.186	-1.910	0.52	189	1978	153.16	5.83E-32	Upper
044-03	1.318	-1.877	0.70	111	1979	83.28	2.58E-30	Lower
044-03	1.290	-1.911	0.70	113	1979	82.74	1.51E-30	Middle
044-03	1.266	-1.925	0.72	119	1980	78.78	1.04E-33	Upper
045-02	1.622	-1.249	1.00	34	1972	0.03	8.18E-59	Lower
045-02	1.600	-1.272	1.00	33	1972	0.08	2.62E-49	Middle
045-02	1.571	-1.301	0.99	39	1972	0.72	2.57E-42	Upper
050-05	0.722	0.135	0.76	62	1986	8.37	2.69E-20	Lower
050-05	0.627	0.044	0.66	61	1986	10.13	1.42E-15	Middle
050-05	0.542	-0.032	0.52	67	1986	15.16	8.25E-12	Upper
050-07	0.820	0.150	0.88	21	1988	1.20	3.91E-10	Lower
050-07	0.814	-0.051	0.86	21	1988	1.33	1.33E-09	Middle
051-02	1.369	-1.708	0.77	142	1981	102.22	1.37E-46	Lower
051-02	1.360	-1.843	0.80	143	1958	86.79	6.51E-51	Middle
051-02	1.333	-1.864	0.79	150	1958	88.40	1.76E-52	Upper
051-04	0.856	0.216	0.95	32	1981	1.19	1.25E-21	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
051-04	1.706	-0.890	0.85	34	1981	19.44	1.12E-14	Middle
051-04	1.723	-1.155	0.93	40	1981	10.26	3.19E-23	Upper
051-05	1.462	-1.625	0.91	88	1972	24.35	8.47E-47	Lower
051-05	1.437	-1.634	0.91	92	1972	25.35	3.61E-48	Middle
051-05	1.397	-1.688	0.90	96	1972	26.89	5.95E-49	Upper
051-06	1.590	-1.209	0.97	109	1975	9.93	1.37E-84	Lower
051-06	1.531	-1.314	0.98	107	1975	4.90	1.04E-96	Middle
051-06	1.463	-1.380	0.98	118	1975	6.58	2.19E-99	Upper
051-07	0.709	-0.126	0.88	140	1992	8.35	9.51E-65	Lower
051-07	0.657	-0.165	0.83	144	1992	10.93	1.64E-56	Middle
051-07	1.385	-1.006	0.81	153	1986	58.58	2.35E-56	Upper
052-01	1.733	-1.364	0.87	198	1986	87.09	1.29E-87	Lower
052-01	1.688	-1.428	0.88	201	1986	77.85	5.15E-92	Middle
052-01	1.616	-1.504	0.86	206	1986	83.90	1.59E-88	Upper
052-02	1.607	-1.247	0.99	52	1988	2.33	1.69E-47	Lower
052-02	1.517	-1.344	0.98	56	1988	2.47	5.10E-50	Middle
052-02	1.421	-1.452	0.99	57	1988	1.56	6.38E-55	Upper
052-03	1.623	-1.247	0.98	152	1978	10.31	1.02E-127	Lower
052-03	1.521	-1.352	0.98	150	1978	6.36	1.19E-136	Middle
052-03	1.458	-1.418	0.98	156	1978	7.73	3.07E-134	Upper
052-04	0.774	0.204	0.81	54	1981	4.69	1.48E-20	Lower
052-04	1.816	-0.517	0.84	56	1981	21.74	3.67E-23	Middle
052-04	1.770	-1.230	0.77	58	1981	34.43	2.15E-19	Upper
052-05	1.000	-0.034	0.81	56	1972	18.26	3.65E-21	Lower
052-05	0.973	-0.169	0.68	58	1972	34.53	1.31E-15	Middle
052-05	1.350	-0.650	0.74	60	1972	53.61	2.13E-18	Upper
052-07	0.794	0.169	0.84	89	1982	12.85	8.11E-36	Lower
052-07	0.756	0.129	0.76	87	1982	18.32	4.06E-28	Middle
052-07	1.261	-0.759	0.75	92	1982	57.66	1.53E-28	Upper
052-08	0.971	0.231	0.98	107	1975	3.40	1.56E-87	Lower
052-08	0.941	0.014	0.99	108	1975	1.76	5.37E-102	Middle
052-08	1.545	-1.334	0.99	110	1975	4.07	6.83E-108	Upper
052-30	0.767	0.149	0.97	84	1993	0.85	3.00E-67	Lower
052-30	0.823	0.060	0.93	85	1993	2.69	6.34E-51	Middle
052-30	0.843	-0.142	0.76	90	1991	14.03	5.69E-29	Upper
053-01	1.421	-1.114	0.88	39	1989	15.29	7.89E-19	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-01	1.469	-1.384	0.97	44	1974	3.52	4.70E-35	Middle
053-01	1.409	-1.447	0.97	48	1983	4.68	1.71E-35	Upper
053-02	1.190	-0.076	0.86	74	1979	21.96	2.59E-32	Lower
053-02	1.572	-1.302	1.00	75	1980	1.04	1.55E-87	Middle
053-02	1.470	-1.411	0.99	79	1979	1.86	2.64E-81	Upper
053-04	0.919	-0.005	0.94	20	1974	1.53	3.24E-12	Lower
053-04	0.820	-0.109	0.90	21	1974	1.95	3.95E-11	Middle
053-04	1.388	-1.250	0.93	23	1974	4.59	1.90E-13	Upper
053-05	1.572	-1.225	0.61	24	1993	21.64	6.56E-06	Lower
053-05	1.724	-1.569	0.74	22	1993	14.30	3.17E-07	Middle
053-05	1.676	-1.696	0.69	30	1993	21.52	1.49E-08	Upper
053-06	1.651	-1.530	0.83	185	1983	100.39	4.67E-73	Lower
053-06	1.607	-1.606	0.85	184	1983	84.27	2.27E-76	Middle
053-06	1.524	-1.682	0.84	191	1983	82.36	1.33E-77	Upper
053-07	1.402	-1.820	0.82	274	1981	137.98	5.18E-102	Lower
053-07	1.352	-1.853	0.82	271	1981	125.42	1.29E-101	Middle
053-07	1.282	-1.925	0.81	283	1970	121.54	1.27E-104	Upper
054-01	1.637	-1.484	0.64	20	1990	21.35	2.07E-05	Upper
054-04	1.060	-0.131	0.79	254	1980	72.70	2.56E-86	Lower
054-04	1.598	-1.244	0.96	258	1980	23.74	7.66E-184	Middle
054-04	1.469	-1.383	0.97	263	1982	18.61	3.34E-193	Upper
054-05	1.548	-0.987	0.90	148	1983	44.74	2.42E-76	Lower
054-05	1.639	-1.231	1.00	146	1983	0.12	1.26E-259	Middle
054-05	1.573	-1.297	0.99	153	1983	3.57	1.07E-160	Upper
055-04	0.846	-0.460	0.78	207	1995	54.30	5.10E-69	Lower
055-04	1.397	-1.670	0.90	208	1951	59.55	1.64E-104	Middle
055-04	1.331	-1.746	0.87	217	1951	70.96	4.17E-98	Upper
055-05	1.456	-1.886	0.65	106	1995	107.71	1.49E-25	Middle
055-05	1.395	-1.939	0.65	114	1995	104.95	2.64E-27	Upper
055-06	1.443	-1.566	0.75	82	1984	57.57	1.80E-25	Lower
055-06	1.426	-1.644	0.76	83	1984	53.40	1.26E-26	Middle
055-06	1.426	-1.651	0.77	91	1984	58.12	5.22E-30	Upper
055-07	1.342	-0.756	0.80	79	1983	43.20	1.75E-28	Lower
055-07	1.568	-1.299	0.99	78	1983	2.17	1.38E-78	Middle
055-07	1.485	-1.381	0.98	88	1983	5.80	5.79E-71	Upper
056-01	1.689	-0.940	0.93	40	1985	8.02	9.74E-24	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
056-01	1.754	-1.092	0.99	42	1985	0.83	5.46E-45	Middle
056-01	1.696	-1.156	0.99	45	1985	1.17	4.49E-45	Upper
056-02	1.566	-1.289	0.98	53	1985	2.96	2.40E-45	Lower
056-02	1.510	-1.344	0.98	54	1985	3.15	1.78E-44	Middle
056-02	1.392	-1.475	0.98	62	1985	2.91	1.13E-51	Upper
056-03	1.218	-0.700	0.66	159	1980	133.89	4.63E-39	Lower
056-03	1.620	-1.469	0.91	159	1980	43.75	1.47E-85	Middle
056-03	1.490	-1.575	0.91	169	1980	41.10	5.59E-89	Upper
057-01	0.865	-0.304	0.83	104	1990	11.94	1.33E-41	Lower
057-01	1.587	-1.223	0.97	104	1990	6.37	9.81E-80	Middle
057-01	1.482	-1.332	0.96	110	1990	7.08	3.54E-79	Upper
057-02	1.683	-1.474	0.82	121	1976	75.44	1.78E-45	Middle
057-02	1.549	-1.602	0.84	127	1976	58.18	3.06E-51	Upper
057-03	0.730	-0.298	0.62	34	1991	9.15	2.75E-08	Lower
057-03	1.459	-1.182	0.84	34	1991	10.76	2.84E-14	Middle
057-03	1.506	-1.419	0.88	42	1986	10.31	7.12E-20	Upper
059-01	1.473	-1.407	0.98	43	1959	3.52	2.23E-36	Lower
059-01	1.403	-1.486	0.98	42	1959	2.79	2.09E-36	Middle
059-01	1.336	-1.549	0.97	49	1950	4.32	1.21E-38	Upper
059-30	1.621	-1.250	1.00	14	1986	0.00	4.68E-195	Middle
059-30	1.093	-1.893	0.65	18	1986	3.80	5.83E-05	Upper
060-01	0.846	-0.704	0.66	15	1967	7.58	2.35E-04	Lower
060-01	1.237	-1.421	0.91	20	1967	3.90	7.11E-11	Middle
060-01	1.319	-1.783	0.91	29	1955	5.37	1.90E-15	Upper
060-03	1.722	-1.107	0.96	55	1984	6.21	1.64E-39	Lower
060-03	1.625	-1.206	0.96	55	1984	6.18	7.88E-38	Middle
060-03	1.472	-1.376	0.96	60	1984	5.30	3.79E-42	Upper
060-04	1.809	-0.889	0.86	45	1990	11.46	6.05E-20	Lower
060-04	1.705	-1.161	1.00	47	1990	0.19	1.14E-59	Middle
060-04	1.645	-1.221	0.99	49	1990	1.13	4.17E-45	Upper
064-04	1.834	-1.567	0.72	89	1979	75.29	5.03E-26	Lower
064-04	1.778	-1.612	0.73	91	1985	68.98	3.81E-27	Middle
064-04	1.656	-1.708	0.73	95	1985	62.52	2.51E-28	Upper
064-90	1.011	0.568	1.00	10	1979	0.00	1.02E-126	Lower
064-90	1.011	0.568	1.00	12	1979	0.00	4.98E-159	Middle
065-04	1.068	-0.325	0.79	53	1996	12.71	1.18E-18	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
065-04	1.794	-1.034	0.99	54	1996	1.17	4.81E-55	Middle
065-04	1.713	-1.173	0.97	58	1996	4.42	5.31E-43	Upper
065-05	1.095	-0.279	0.68	18	1996	6.64	2.36E-05	Lower
065-05	1.627	-1.596	0.77	18	1996	10.42	1.51E-06	Middle
065-05	1.566	-1.706	0.73	23	1996	14.15	2.35E-07	Upper
066-07	0.541	0.427	0.58	27	1995	3.98	4.25E-06	Lower
066-07	0.738	0.056	0.76	27	1995	3.59	3.98E-09	Middle
066-07	1.376	-0.623	0.73	35	1995	16.45	5.70E-11	Upper
075-01	1.866	-0.987	1.00	25	2000	0.00	9.31E-51	Lower
075-01	1.915	-0.933	1.00	25	2000	0.04	8.68E-33	Middle
075-01	1.773	-1.085	1.00	28	2000	0.14	3.01E-32	Upper
102-02	0.887	-0.355	0.65	9	1975	4.16	8.25E-03	Lower
102-02	1.467	-1.249	0.93	12	1975	2.51	5.55E-07	Middle
102-02	1.387	-1.682	0.78	14	1975	8.66	2.93E-05	Upper
122-01	1.308	-1.594	0.52	18	1986	23.80	7.28E-04	Lower
122-01	1.451	-1.713	0.66	18	1986	16.56	3.99E-05	Middle
122-01	1.369	-1.789	0.65	22	1986	18.88	5.23E-06	Upper
122-02	1.663	-1.202	0.98	17	1986	1.09	1.26E-14	Lower
122-02	1.575	-1.299	1.00	15	1986	0.14	6.64E-18	Middle
122-02	1.497	-1.383	0.99	21	1986	0.62	2.29E-20	Upper
128-03	1.993	-0.849	1.00	15	1983	0.00	2.59E-207	Lower
128-03	1.958	-0.890	0.99	16	1983	0.50	1.30E-16	Middle
128-03	1.808	-1.052	0.97	18	1983	2.10	8.02E-14	Upper
142-04	1.696	-1.170	1.00	6	1989	0.00	2.79E-09	Lower
142-04	1.734	-1.125	0.99	7	1989	0.10	7.07E-07	Middle
142-04	1.606	-1.265	1.00	9	1989	0.06	3.54E-10	Upper
144-01	1.664	-0.759	0.76	47	1978	27.36	1.19E-15	Lower
144-01	1.598	-1.294	0.94	45	1978	3.90	2.56E-28	Middle
144-01	1.504	-1.432	0.89	53	1978	11.66	2.20E-26	Upper
152-02	0.904	0.137	0.92	34	1995	1.14	9.07E-19	Lower
152-02	0.960	-0.073	0.77	35	1995	4.25	6.22E-12	Middle
152-03	0.883	0.109	0.91	112	1975	6.36	2.80E-60	Lower
152-03	1.528	-0.537	0.76	111	1975	62.48	8.71E-36	Middle
152-03	1.613	-1.169	0.82	118	1975	52.66	1.22E-45	Upper
159-03	1.228	-0.815	0.75	161	1987	97.20	3.70E-49	Lower
159-03	1.489	-1.329	0.96	158	1985	17.04	2.96E-111	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
159-03	1.428	-1.399	0.96	174	1969	15.74	2.07E-124	Upper
167-01	1.444	-0.722	0.74	30	1993	18.61	1.23E-09	Lower
167-01	1.679	-1.112	0.95	31	1993	3.92	9.07E-21	Middle
167-01	1.532	-1.266	0.95	34	1993	4.33	6.40E-22	Upper
177-01	1.271	-1.700	0.75	52	1966	37.17	1.37E-16	Lower
177-01	1.243	-1.833	0.84	52	1986	21.14	1.46E-21	Middle
177-01	1.168	-1.922	0.81	58	1966	24.22	4.28E-22	Upper
193-01	1.841	-1.174	0.80	20	1991	11.34	1.23E-07	Upper
193-06	1.517	-1.611	0.63	8	1953	5.69	1.91E-02	Upper
196-04	1.736	-1.396	0.90	10	1985	3.25	2.81E-05	Upper
198-03	1.523	-1.347	0.99	6	1969	0.19	4.03E-05	Lower
198-03	1.582	-1.293	1.00	4	1980	0.00	3.81E-32	Middle
198-03	1.363	-1.506	0.98	11	1980	0.71	9.99E-09	Upper
200-02	0.872	-0.054	0.94	9	1975	0.53	1.34E-05	Lower
200-02	0.807	-0.123	0.90	9	1975	0.82	9.16E-05	Middle
200-02	1.114	-0.789	0.80	13	1975	4.89	3.39E-05	Upper
201-02	0.602	0.132	0.71	106	1991	13.94	4.16E-30	Lower
201-02	0.642	-0.098	0.78	103	1991	10.96	3.98E-35	Middle
201-02	1.170	-0.931	0.74	117	1991	49.56	1.59E-35	Upper
207-03	1.279	-2.089	0.58	7	1956	4.91	4.60E-02	Upper
207-07	0.685	-0.177	0.91	147	1990	6.63	3.73E-76	Lower
207-07	0.952	-0.632	0.72	146	1990	47.12	1.58E-41	Middle
207-07	1.385	-1.299	0.89	161	1987	35.53	1.57E-77	Upper
207-08	0.771	-0.137	0.93	13	1989	0.50	7.64E-08	Lower
207-08	1.327	-0.732	0.82	17	1987	5.63	5.29E-07	Middle
207-08	1.559	-1.241	0.94	20	1987	2.44	1.38E-12	Upper
212-02	1.401	-1.137	0.56	64	1983	91.83	1.01E-12	Middle
212-02	1.707	-1.531	0.81	69	1983	45.47	1.64E-25	Upper
212-03	1.297	-1.890	0.66	93	1980	76.26	4.33E-23	Middle
212-03	1.288	-1.913	0.67	99	1976	78.44	5.50E-25	Upper
224-01	1.562	-1.308	0.99	39	1978	0.62	9.59E-44	Lower
224-01	1.517	-1.359	1.00	38	1978	0.21	1.14E-50	Middle
224-01	1.421	-1.463	1.00	42	1978	0.51	5.14E-48	Upper
230-03	1.216	-0.402	0.81	27	1979	13.12	2.26E-10	Lower
230-03	1.599	-1.275	1.00	29	1979	0.09	1.74E-42	Middle
230-03	1.477	-1.398	0.99	30	1979	0.78	2.91E-30	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
230-06	0.596	0.061	0.56	14	1992	3.37	2.13E-03	Lower
230-06	1.522	-0.941	0.79	16	1992	8.64	3.53E-06	Middle
230-06	1.615	-1.155	0.92	19	1992	3.86	1.15E-10	Upper
232-01	1.202	-1.986	0.56	104	1995	96.61	9.80E-20	Middle
232-01	1.071	-2.099	0.55	106	1980	80.29	1.11E-19	Upper
237-01	0.750	0.081	0.85	79	1995	5.16	7.14E-34	Lower
237-01	0.727	-0.137	0.91	78	1995	2.65	1.44E-41	Middle
240-01	1.501	-1.363	0.98	8	1978	0.35	1.85E-06	Lower
240-01	1.387	-1.486	0.97	13	1978	0.66	3.95E-10	Upper
240-02	1.429	-1.430	0.98	11	1978	0.46	1.19E-08	Lower
240-02	1.460	-1.413	0.99	12	1978	0.22	9.49E-12	Middle
240-02	1.345	-1.517	0.97	17	1978	0.87	1.35E-12	Upper
243-02	0.668	-0.266	0.84	7	1970	0.77	3.43E-03	Lower
243-02	1.422	-1.450	0.94	9	1970	1.25	1.42E-05	Middle
243-02	1.311	-1.579	0.96	13	1970	0.94	2.37E-09	Upper
244-01	1.546	-1.421	0.90	49	1985	14.97	1.17E-25	Lower
244-01	1.420	-1.521	0.94	50	1985	8.13	7.58E-31	Middle
244-01	1.304	-1.688	0.91	57	1985	12.73	8.66E-30	Upper
244-03	0.975	0.441	0.90	58	1995	2.99	2.14E-29	Lower
246-01	0.884	0.306	0.92	165	1983	12.80	1.06E-91	Lower
246-01	1.302	-0.428	0.72	163	1983	122.46	7.45E-47	Middle
246-01	1.814	-1.040	0.97	172	1983	18.36	1.89E-134	Upper
247-03	1.617	-1.539	0.72	84	1988	64.87	4.31E-24	Upper
248-03	1.578	-1.016	0.92	73	1980	18.91	1.33E-41	Lower
248-03	1.592	-1.280	1.00	69	1980	0.19	8.40E-105	Middle
248-03	1.535	-1.336	0.99	77	1980	1.27	1.70E-86	Upper
250-01	0.877	-0.068	0.93	163	1988	7.54	1.32E-94	Lower
250-01	1.512	-1.049	0.92	163	1989	24.23	4.71E-92	Middle
250-01	1.516	-1.296	0.95	174	1986	15.69	5.04E-115	Upper
250-04	1.591	-1.283	1.00	51	1986	0.12	1.27E-74	Lower
250-04	1.497	-1.384	1.00	51	1986	0.06	5.99E-81	Middle
250-04	1.449	-1.436	1.00	54	1986	0.03	1.86E-92	Upper
253-04	1.497	-1.163	0.92	29	1994	7.12	4.68E-16	Lower
253-04	1.573	-1.282	0.98	31	1982	1.48	1.26E-27	Middle
253-04	1.505	-1.358	0.99	32	1982	1.19	1.57E-29	Upper
254-02	1.686	-1.101	0.95	34	1989	3.89	2.22E-22	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
254-02	1.608	-1.264	1.00	33	1989	0.04	1.00E-51	Middle
254-02	1.571	-1.303	0.99	37	1989	0.47	3.48E-40	Upper
254-03	1.461	-1.421	1.00	55	1989	0.32	3.22E-71	Lower
254-03	1.375	-1.516	1.00	52	1989	0.03	5.95E-90	Middle
254-03	1.313	-1.578	0.99	59	1975	0.84	2.57E-63	Upper
255-02	1.508	-1.372	0.99	14	1975	0.34	3.96E-14	Lower
255-02	1.389	-1.501	1.00	15	1975	0.06	9.67E-20	Middle
255-02	1.341	-1.553	1.00	17	1976	0.11	4.41E-21	Upper
256-04	1.004	0.110	1.00	48	1985	0.31	5.47E-56	Lower
256-04	1.541	-1.334	1.00	45	1974	0.41	2.64E-57	Middle
256-04	1.453	-1.425	0.99	51	1985	1.09	1.54E-54	Upper
256-05	1.618	-1.125	0.95	54	1981	8.36	2.82E-36	Lower
256-05	1.584	-1.291	1.00	53	1984	0.04	2.03E-92	Middle
256-05	1.490	-1.393	1.00	57	1984	0.31	7.77E-76	Upper
260-06	1.684	-1.383	0.54	24	1995	25.09	4.85E-05	Upper
261-03	0.788	-0.100	0.96	68	1995	1.06	1.61E-49	Lower
261-03	1.705	-1.485	0.68	68	1995	62.76	7.32E-18	Middle
261-03	1.585	-1.747	0.66	75	1995	66.94	1.07E-18	Upper
261-04	1.865	-1.398	0.71	231	1986	270.30	4.81E-63	Middle
261-04	1.590	-1.630	0.70	237	1986	210.36	5.04E-63	Upper
261-05	1.609	-1.578	0.61	77	1986	103.82	5.89E-17	Middle
261-05	1.376	-1.795	0.60	83	1986	84.68	8.26E-18	Upper
262-01	1.491	-1.241	0.88	100	1984	35.24	2.88E-47	Lower
262-01	1.480	-1.439	0.93	102	1984	19.60	3.07E-60	Middle
262-01	1.394	-1.543	0.93	112	1984	19.77	5.45E-65	Upper
265-01	1.552	-1.324	1.00	15	1981	0.03	3.10E-21	Lower
265-01	1.512	-1.368	1.00	17	1976	0.04	4.29E-24	Middle
265-01	1.442	-1.442	1.00	18	1976	0.20	2.15E-20	Upper
265-02	1.556	-1.320	1.00	22	1985	0.21	7.69E-27	Lower
265-02	1.484	-1.399	1.00	21	1978	0.00	3.07E-41	Middle
265-02	1.366	-1.522	0.99	25	1978	0.55	2.46E-25	Upper
282-02	1.516	-1.713	0.62	23	1994	18.24	7.52E-06	Upper
315-03	0.832	-0.247	0.63	100	1983	37.93	1.26E-22	Lower
315-03	1.489	-1.351	0.96	98	1983	7.15	1.39E-71	Middle
315-03	1.440	-1.397	0.95	106	1983	10.42	1.31E-69	Upper
353-03	1.469	-1.409	0.99	15	1978	0.40	8.37E-15	Lower

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
353-03	1.442	-1.435	0.99	15	1978	0.59	1.55E-13	Middle
353-03	1.379	-1.501	0.98	20	1978	1.07	9.20E-17	Upper
380-03	1.812	-1.511	0.77	14	1994	9.15	3.32E-05	Upper
384-02	1.679	-1.070	0.96	72	1984	9.45	1.20E-50	Lower
384-02	1.662	-1.203	1.00	72	1988	0.37	5.19E-99	Middle
384-02	1.557	-1.317	1.00	75	1984	0.80	1.44E-89	Upper
392-03	1.669	-1.216	0.99	4	1981	0.08	3.64E-03	Lower
392-03	1.581	-1.288	1.00	7	1981	0.02	1.40E-08	Middle
392-03	1.477	-1.391	0.99	10	1981	0.15	1.07E-09	Upper
407-05	1.741	-1.104	0.98	20	1989	0.97	9.55E-18	Lower
407-05	1.625	-1.223	0.98	21	1989	1.44	8.66E-17	Middle
407-05	1.536	-1.325	0.98	24	1989	0.99	5.29E-21	Upper
414-03	1.831	-0.824	0.74	11	1991	3.60	6.22E-04	Lower
414-03	1.815	-1.042	1.00	13	1991	0.01	1.47E-18	Middle
414-03	1.335	-1.602	0.75	14	1991	4.17	6.51E-05	Upper
836-13	1.413	-1.304	0.64	12	1972	11.55	1.75E-03	Lower
836-13	1.433	-1.932	0.77	12	1972	6.89	1.70E-04	Middle
836-13	1.497	-1.697	0.80	18	1972	9.76	6.24E-07	Upper
840-36	1.074	0.159	1.00	5	1984	0.00	3.18E-07	Lower
840-36	1.063	0.148	1.00	6	1984	0.00	8.25E-09	Middle
840-36	1.756	-1.115	0.97	8	1984	0.85	9.38E-06	Upper
840-43	0.865	-0.066	0.99	20	1951	0.18	6.29E-21	Lower
840-43	0.966	-0.456	0.82	19	1951	7.27	1.19E-07	Middle
840-43	1.280	-1.618	0.99	23	1951	0.69	2.17E-22	Upper
848-01	1.677	-1.543	0.74	40	1982	36.44	8.68E-13	Upper
853-33	1.492	-1.059	0.66	6	1982	7.30	4.94E-02	Middle
853-33	1.696	-1.639	0.83	10	1982	5.76	2.46E-04	Upper
853-36	1.277	-0.563	0.51	18	1981	29.26	8.05E-04	Lower
853-36	1.699	-1.402	0.90	16	1981	6.00	3.09E-08	Middle
853-36	1.704	-1.539	0.86	22	1981	10.75	5.55E-10	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-04	1.489	-1.884	0.63	34	1955	43.15	2.25E-08	Middle
001-04	1.451	-1.940	0.65	42	1955	47.86	1.00E-10	Upper
001-06	1.004	-0.331	0.55	146	1971	162.39	1.05E-26	Lower
001-06	1.658	-1.367	0.87	144	1971	80.84	5.96E-64	Middle
001-06	1.480	-1.527	0.85	164	1971	84.75	2.40E-69	Upper
001-07	0.922	0.332	0.84	69	1952	14.03	7.96E-29	Lower
001-07	1.548	-0.633	0.81	66	1952	49.16	1.72E-24	Middle
001-07	1.613	-1.264	0.91	84	1952	28.74	2.01E-44	Upper
001-08	0.968	0.326	1.00	55	1947	0.26	1.85E-65	Lower
001-08	1.020	0.105	0.98	57	1947	1.72	3.60E-47	Middle
001-08	1.595	-1.006	0.90	64	1947	24.37	3.16E-32	Upper
002-01	1.103	0.346	0.98	7	1947	0.21	2.83E-05	Lower
002-01	1.008	0.087	1.00	8	1947	0.01	7.20E-11	Middle
002-01	1.817	-1.036	1.00	10	1947	0.04	1.52E-13	Upper
002-03	1.601	-1.506	0.78	216	1947	195.74	2.09E-72	Middle
002-03	1.443	-1.729	0.79	234	1947	157.34	8.56E-82	Upper
002-04	1.499	-0.259	0.80	110	1954	82.24	1.93E-39	Lower
002-04	1.895	-0.909	0.97	108	1954	15.06	7.56E-84	Middle
002-04	1.743	-1.046	0.93	121	1947	39.07	5.25E-69	Upper
002-05	0.961	0.062	0.98	104	1954	3.59	2.65E-85	Lower
002-05	1.134	-0.475	0.79	102	1947	55.07	8.85E-36	Middle
002-05	1.514	-1.352	0.95	110	1954	22.94	6.53E-70	Upper
003-02	1.420	-1.771	0.67	64	1947	60.10	1.20E-16	Upper
003-03	1.466	-1.703	0.57	149	1947	196.98	8.31E-29	Middle
003-03	1.328	-1.838	0.57	151	1947	162.26	2.76E-29	Upper
003-04	1.043	0.314	0.98	20	1947	0.44	8.04E-17	Lower
003-04	1.511	-0.293	0.76	19	1947	12.93	1.25E-06	Middle
003-04	1.798	-1.036	0.96	27	1947	3.84	1.48E-19	Upper
003-05	1.600	-1.601	0.68	94	1947	74.93	1.25E-24	Middle
003-05	1.518	-1.693	0.70	99	1947	70.15	6.11E-27	Upper
003-07	0.927	0.510	0.76	62	1972	18.17	4.19E-20	Lower
003-07	1.932	-0.646	0.93	61	1972	18.99	2.29E-35	Middle
003-07	1.768	-1.090	0.89	68	1972	28.58	8.13E-33	Upper
003-08	1.302	-0.881	0.60	33	1972	42.40	1.46E-07	Middle
003-08	1.550	-1.423	0.82	38	1972	22.17	3.95E-15	Upper
004-01	1.425	-1.696	0.62	17	1953	23.38	1.84E-04	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-04	2.002	-0.683	0.97	29	1962	4.82	2.19E-21	Lower
004-04	1.944	-0.893	0.98	33	1978	2.84	4.05E-28	Middle
004-04	1.606	-1.246	0.95	41	1978	6.74	2.90E-26	Upper
004-05	1.783	-1.551	0.75	7	1962	5.97	1.21E-02	Upper
004-08	1.301	-0.842	0.54	110	1948	191.32	3.68E-20	Lower
004-08	1.626	-1.498	0.79	108	1948	86.15	3.70E-38	Middle
004-08	1.536	-1.606	0.84	134	1948	80.85	9.55E-54	Upper
005-01	1.474	-1.866	0.52	30	1948	29.14	6.57E-06	Middle
005-01	1.285	-2.011	0.52	35	1948	25.93	9.37E-07	Upper
007-04	0.973	0.092	0.88	41	1970	6.29	8.86E-20	Lower
007-04	1.721	-1.106	0.97	41	1970	4.24	6.33E-32	Middle
007-04	1.577	-1.256	0.96	48	1954	6.10	1.96E-33	Upper
007-06	1.573	-1.562	0.77	82	1955	48.33	4.73E-27	Middle
007-06	1.490	-1.652	0.78	89	1955	48.46	5.89E-30	Upper
007-07	1.474	-0.990	0.55	58	1999	101.16	2.11E-11	Lower
007-07	1.685	-1.536	0.80	57	1999	41.23	9.60E-21	Middle
007-07	1.506	-1.715	0.80	66	1951	38.89	5.04E-24	Upper
007-08	2.113	-0.772	0.87	60	1953	19.97	1.23E-27	Middle
007-08	1.820	-1.113	0.85	68	1953	23.67	2.72E-29	Upper
008-05	1.936	-1.159	0.84	189	1955	134.57	2.52E-77	Middle
008-05	1.694	-1.366	0.81	197	1955	133.09	3.88E-73	Upper
008-06	0.829	0.266	0.87	79	1947	9.90	3.74E-36	Lower
008-06	1.231	-0.565	0.71	77	1947	58.75	4.33E-22	Middle
008-06	1.514	-1.330	0.94	85	1947	16.50	2.42E-51	Upper
008-07	1.077	0.487	0.96	16	1967	0.52	1.66E-11	Lower
008-07	2.024	-0.482	0.90	17	1967	6.68	9.13E-09	Middle
008-07	1.864	-0.988	0.99	19	1967	0.56	1.52E-18	Upper
008-09	1.437	-1.749	0.64	93	1958	72.42	1.18E-21	Middle
008-09	1.450	-1.729	0.70	101	1958	71.95	1.92E-27	Upper
010-03	1.687	-0.917	0.62	34	1971	49.60	3.12E-08	Middle
010-03	1.881	-1.188	0.82	39	1971	29.60	3.21E-15	Upper
012-06	1.625	-1.530	0.78	104	1972	68.59	6.42E-35	Middle
012-06	1.482	-1.666	0.78	114	1972	64.55	8.43E-39	Upper
012-11	1.885	-1.588	0.64	190	1976	230.94	4.90E-44	Middle
012-11	1.604	-1.788	0.65	196	1969	166.10	1.26E-46	Upper
012-12	1.885	-1.163	0.90	16	1966	4.96	1.77E-08	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-12	1.792	-1.342	0.74	24	1966	18.16	5.85E-08	Upper
012-13	1.252	-1.891	0.51	11	1961	12.00	1.41E-02	Middle
012-13	1.017	-2.053	0.53	13	1951	8.16	4.95E-03	Upper
013-09	1.404	-0.512	0.51	109	1954	187.73	1.64E-18	Middle
013-09	2.019	-1.096	0.80	123	1954	111.75	9.23E-45	Upper
016-05	1.608	-1.237	0.69	18	1966	22.29	2.07E-05	Middle
016-05	1.704	-1.545	0.84	25	1966	15.49	1.42E-10	Upper
017-04	1.763	-0.753	0.72	33	1947	17.96	5.55E-10	Lower
017-04	1.823	-1.030	0.99	36	1947	1.21	3.04E-33	Middle
017-04	1.707	-1.147	0.97	44	1947	4.46	3.26E-33	Upper
018-03	1.587	-0.619	0.89	6	1981	2.68	4.67E-03	Lower
018-03	1.862	-0.990	1.00	7	1981	0.01	7.50E-10	Middle
018-03	1.528	-1.342	0.97	10	1981	0.94	1.96E-07	Upper
021-04	1.859	-1.373	0.78	30	1971	25.11	9.58E-11	Middle
021-04	1.818	-1.452	0.77	36	1971	29.37	1.74E-12	Upper
025-08	1.514	-1.018	0.53	60	1962	103.28	4.71E-11	Lower
025-08	1.742	-1.472	0.76	59	1960	45.05	3.30E-19	Middle
025-08	1.560	-1.602	0.77	68	1960	42.01	6.05E-23	Upper
026-09	0.963	0.123	0.99	51	1951	0.86	1.46E-47	Lower
026-09	0.943	0.021	0.99	51	1951	0.32	1.18E-57	Middle
026-09	1.553	-1.314	0.97	56	1951	5.45	7.44E-43	Upper
027-06	1.218	-1.958	0.52	13	1972	8.92	5.65E-03	Middle
027-06	1.452	-1.728	0.72	16	1972	9.87	2.99E-05	Upper
028-02	1.715	-0.370	0.69	17	1970	15.40	3.89E-05	Lower
028-02	1.823	-1.033	1.00	16	1970	0.01	6.52E-26	Middle
028-02	1.576	-1.286	0.98	20	1970	0.70	2.66E-17	Upper
028-03	1.337	-1.862	0.55	32	1970	25.09	1.33E-06	Middle
028-03	1.607	-1.623	0.72	37	1970	28.24	3.41E-11	Upper
028-04	1.902	-0.753	0.64	119	1984	46.33	2.21E-27	Lower
028-04	2.109	-0.723	0.99	119	1984	0.81	8.94E-122	Middle
028-04	1.644	-1.221	0.98	126	1988	2.16	1.89E-109	Upper
031-03	1.276	-1.886	0.52	40	1954	44.41	1.55E-07	Middle
031-03	1.366	-1.799	0.56	45	1971	51.92	3.72E-09	Upper
036-01	1.449	-1.572	0.53	44	2000	48.23	2.28E-08	Middle
036-01	1.516	-1.530	0.56	50	2000	61.43	4.03E-10	Upper
037-03	1.363	-1.529	1.00	11	1981	0.00	1.73E-141	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
037-03	1.614	-1.254	0.96	12	1981	0.94	2.36E-08	Upper
037-04	2.004	-0.837	1.00	27	1987	0.03	2.91E-44	Lower
037-04	1.953	-0.892	1.00	28	1987	0.04	1.64E-44	Middle
037-04	1.846	-1.005	0.98	32	1987	2.43	4.11E-26	Upper
041-01	2.055	-0.782	1.00	7	1982	0.00	1.08E-79	Lower
041-01	1.909	-0.939	1.00	8	1983	0.05	1.07E-09	Middle
041-01	1.724	-1.142	0.97	11	1983	1.30	3.33E-08	Upper
045-01	1.389	-1.867	0.55	183	1975	238.65	6.50E-33	Middle
045-01	1.324	-1.914	0.56	190	1986	215.25	8.51E-36	Upper
045-02	1.016	0.435	0.99	28	1972	0.21	2.27E-29	Lower
045-02	1.727	-0.457	0.82	28	1972	19.15	3.14E-11	Middle
045-02	2.040	-0.788	0.99	33	1972	1.09	1.22E-34	Upper
050-05	0.935	0.538	0.96	28	1986	1.09	8.33E-20	Lower
050-05	0.981	0.455	0.98	26	1986	0.58	1.93E-21	Middle
050-05	1.707	-0.872	0.90	32	1986	11.08	9.92E-17	Upper
051-04	1.513	-0.529	0.55	23	1971	28.23	5.66E-05	Lower
051-04	2.036	-0.747	0.89	24	1981	5.29	7.85E-12	Middle
051-04	1.653	-1.134	0.88	29	1981	9.41	3.36E-14	Upper
051-05	1.459	-1.087	0.69	76	1972	83.38	9.68E-21	Middle
051-05	1.584	-1.526	0.87	79	1972	33.88	2.12E-36	Upper
051-06	1.051	0.212	0.99	69	1975	1.14	7.66E-65	Lower
051-06	1.791	-0.910	0.94	69	1975	14.75	2.79E-43	Middle
051-06	1.736	-1.115	0.98	73	1975	6.35	6.55E-59	Upper
051-07	1.532	-0.329	0.60	46	1975	46.25	2.47E-10	Lower
051-07	1.902	-0.948	1.00	46	1992	0.02	3.16E-82	Middle
051-07	1.770	-1.090	1.00	49	1992	0.56	1.90E-56	Upper
052-01	1.554	-0.822	0.60	150	1986	249.22	3.41E-31	Lower
052-01	1.892	-1.258	0.85	151	1986	97.94	2.35E-63	Middle
052-01	1.614	-1.527	0.83	157	1986	87.44	2.64E-61	Upper
052-02	0.836	0.614	0.91	48	1988	3.82	2.95E-25	Lower
052-02	1.484	-0.363	0.72	49	1988	46.24	1.42E-14	Middle
052-02	1.770	-1.022	0.91	54	1988	19.34	2.33E-28	Upper
052-03	0.959	0.319	0.98	93	1978	2.51	3.60E-78	Lower
052-03	1.012	0.054	0.95	93	1978	7.44	1.95E-59	Middle
052-03	1.689	-1.168	0.97	97	1978	11.44	1.14E-74	Upper
052-04	1.414	-1.730	0.59	44	1981	32.29	1.31E-09	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-05	1.083	-1.915	0.56	34	1972	8.60	3.81E-07	Middle
052-05	1.498	-1.485	0.75	37	1972	12.81	6.16E-12	Upper
052-07	1.069	0.139	0.92	48	1982	4.68	4.74E-27	Lower
052-07	1.871	-0.981	1.00	46	1982	0.06	4.75E-76	Middle
052-07	1.786	-1.073	0.99	51	1982	1.29	1.07E-53	Upper
052-08	1.088	0.083	0.90	76	1978	12.11	4.60E-38	Lower
052-08	1.833	-1.021	1.00	75	1975	0.23	1.63E-114	Middle
052-08	1.647	-1.222	0.99	79	1975	2.10	4.47E-82	Upper
053-01	1.605	-1.153	0.74	21	1983	5.03	6.21E-07	Lower
053-01	1.637	-1.219	0.92	25	1983	3.77	2.57E-14	Upper
053-02	2.021	-0.819	1.00	29	1979	0.00		Middle
053-02	1.774	-1.086	1.00	33	1979	0.18	6.14E-39	Upper
053-06	1.700	-1.522	0.70	128	1983	109.31	6.27E-35	Middle
053-06	1.591	-1.624	0.70	131	1983	102.33	1.95E-35	Upper
053-07	1.601	-1.639	0.74	235	1981	190.49	9.61E-71	Middle
053-07	1.512	-1.723	0.73	247	1970	192.23	4.39E-72	Upper
054-04	1.028	0.197	0.99	104	1980	1.59	4.64E-102	Lower
054-04	1.779	-0.929	0.96	105	1982	17.36	5.59E-75	Middle
054-04	1.611	-1.254	0.98	112	1982	9.41	3.08E-91	Upper
054-05	1.133	0.323	0.86	113	1983	23.40	1.91E-49	Lower
054-05	1.984	-0.849	0.99	113	1983	5.34	1.04E-108	Middle
054-05	1.748	-1.104	0.98	118	1983	8.73	1.42E-96	Upper
055-04	1.237	-0.966	0.67	91	1951	116.75	6.57E-23	Lower
055-04	1.472	-1.649	0.88	95	1951	48.90	8.20E-44	Middle
055-04	1.299	-1.791	0.86	100	1951	47.14	5.54E-43	Upper
055-06	1.541	-1.375	0.62	72	1984	92.78	2.69E-16	Middle
055-06	1.517	-1.588	0.73	79	1984	69.21	2.72E-23	Upper
055-07	0.969	0.391	0.98	93	1983	2.27	5.61E-78	Lower
055-07	1.184	-0.080	0.87	92	1982	22.58	5.35E-42	Middle
055-07	1.691	-1.165	0.96	103	1983	14.68	6.97E-72	Upper
056-01	1.302	0.338	0.73	27	1985	14.94	1.69E-08	Lower
056-01	2.174	-0.642	0.99	27	1985	1.49	3.60E-25	Middle
056-01	1.812	-1.034	0.99	32	1985	1.28	8.23E-30	Upper
056-02	0.950	0.388	0.96	44	1985	1.84	6.71E-32	Lower
056-02	1.474	-0.599	0.83	44	1985	23.79	8.33E-18	Middle
056-02	1.583	-1.243	0.92	53	1985	13.04	4.43E-30	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
056-03	1.189	-0.373	0.56	106	1980	140.49	2.34E-20	Lower
056-03	1.825	-1.290	0.90	107	1980	49.59	2.23E-53	Middle
056-03	1.532	-1.549	0.88	115	1981	44.14	6.52E-54	Upper
057-01	1.298	-0.015	0.60	34	1990	32.44	7.61E-08	Lower
057-01	1.887	-0.938	0.95	34	1990	4.69	5.40E-23	Middle
057-01	1.714	-1.105	0.93	40	1990	8.84	3.13E-23	Upper
057-02	1.924	-1.287	0.83	114	1976	83.82	2.84E-45	Middle
057-02	1.753	-1.435	0.82	119	1976	76.22	5.16E-46	Upper
057-03	1.108	0.243	0.75	36	1991	11.97	6.85E-12	Lower
057-03	1.676	-0.769	0.85	34	1991	13.54	1.23E-14	Middle
057-03	1.600	-1.354	0.90	44	1991	10.10	2.87E-22	Upper
058-05	0.997	0.076	1.00	3	1980	0.00	1.04E-16	Lower
058-05	1.938	-0.908	1.00	3	1980	0.00	1.14E-17	Middle
058-05	1.564	-1.314	0.99	6	1980	0.28	7.72E-05	Upper
059-01	1.497	-0.862	0.76	27	1959	17.83	3.44E-09	Lower
059-01	1.606	-1.266	1.00	28	1959	0.17	6.50E-36	Middle
059-01	1.448	-1.437	0.99	30	1950	0.50	5.98E-32	Upper
059-30	3.218	0.809	0.54	15	1986	9.71	1.89E-03	Lower
059-30	1.851	-1.003	1.00	14	1986	0.00	8.93E-188	Middle
059-30	1.003	-1.981	0.63	18	1986	3.31	9.31E-05	Upper
060-01	1.574	-1.546	0.56	8	1955	7.38	3.32E-02	Upper
060-03	1.034	0.476	0.99	24	1984	0.33	1.24E-22	Lower
060-03	1.644	-0.368	0.83	23	1984	13.90	1.57E-09	Middle
060-03	1.717	-1.143	0.98	27	1984	1.63	2.53E-23	Upper
065-05	1.759	-1.175	0.52	15	1996	23.50	2.27E-03	Lower
065-05	1.898	-1.345	0.71	16	1996	15.48	4.53E-05	Middle
065-05	1.600	-1.688	0.67	20	1996	15.58	9.28E-06	Upper
075-01	2.875	0.103	1.00	24	2000	0.00		Middle
075-01	2.601	-0.192	1.00	26	2000	0.07	7.85E-34	Upper
102-02	1.227	-1.919	0.56	8	1975	7.33	3.29E-02	Middle
102-02	1.414	-1.876	0.62	10	1975	11.50	6.79E-03	Upper
122-01	1.604	-1.594	0.62	20	1986	26.71	4.24E-05	Upper
122-02	1.233	0.132	0.55	9	1986	9.42	2.24E-02	Lower
122-02	1.984	-0.839	0.99	11	1986	0.77	1.46E-09	Middle
122-02	1.691	-1.147	0.94	14	1986	3.22	1.34E-08	Upper
128-03	0.980	0.589	0.98	15	1983	0.30	7.97E-13	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
128-03	1.226	0.279	0.82	12	1983	4.64	5.50E-05	Middle
128-03	2.003	-0.838	1.00	18	1983	0.38	2.86E-20	Upper
144-01	1.652	-1.242	0.82	40	1978	3.79	1.33E-15	Middle
144-01	1.632	-1.308	0.81	45	1978	10.67	3.67E-17	Upper
152-03	1.393	-1.714	0.70	81	1975	41.65	1.24E-22	Middle
152-03	1.326	-1.790	0.70	86	1975	41.66	8.07E-24	Upper
159-03	1.658	-0.540	0.84	84	1985	53.87	3.35E-34	Lower
159-03	1.901	-0.938	0.99	86	1985	4.14	3.20E-84	Middle
159-03	1.674	-1.182	0.97	96	1969	11.49	8.43E-72	Upper
177-01	1.544	-1.275	0.76	56	1966	61.71	2.07E-18	Lower
177-01	1.661	-1.446	0.87	56	1986	35.34	2.63E-25	Middle
177-01	1.465	-1.647	0.82	64	1966	45.09	1.98E-24	Upper
193-06	2.223	-0.774	0.70	6	1953	6.54	3.78E-02	Middle
193-06	2.051	-1.194	0.77	9	1953	8.72	1.83E-03	Upper
198-03	1.642	-1.228	1.00	4	1965	0.00	3.62E-32	Middle
198-03	1.583	-1.279	0.98	10	1980	0.98	9.29E-08	Upper
200-02	1.786	-1.073	1.00	6	1975	0.00	5.05E-09	Lower
200-02	1.778	-1.081	1.00	5	1975	0.00	2.30E-07	Middle
200-02	1.395	-1.484	0.96	11	1975	1.22	1.13E-07	Upper
201-02	1.573	-0.606	0.86	51	1991	29.50	2.17E-22	Lower
201-02	1.791	-1.047	0.99	53	1979	2.76	2.76E-51	Middle
201-02	1.645	-1.188	0.96	62	1991	10.12	6.54E-43	Upper
207-07	1.771	-0.979	0.86	41	1987	8.33	4.56E-18	Lower
207-07	1.767	-1.088	0.97	42	1987	1.90	2.28E-33	Middle
207-07	1.583	-1.288	0.98	48	1990	1.56	3.63E-42	Upper
207-08	2.186	-0.640	1.00	6	1989	0.00	2.52E-64	Middle
207-08	1.814	-1.056	0.99	8	1987	0.23	2.13E-07	Upper
212-02	1.550	-1.413	0.57	49	1983	62.13	3.79E-10	Middle
212-02	1.695	-1.549	0.74	54	1983	42.30	5.33E-17	Upper
212-03	1.447	-1.760	0.62	88	1980	100.71	1.17E-19	Middle
212-03	1.333	-1.867	0.61	94	1976	93.22	1.20E-20	Upper
219-03	1.454	-1.853	0.69	11	1965	11.38	1.62E-03	Upper
224-01	1.502	-0.148	0.58	28	1978	31.12	2.49E-06	Lower
224-01	1.953	-0.893	1.00	27	1978	0.00	1.19E-82	Middle
224-01	1.796	-1.063	0.98	31	1978	1.37	1.41E-27	Upper
230-06	2.338	-0.439	0.97	11	1992	1.20	3.71E-08	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
243-02	1.372	-0.518	0.88	5	1970	2.03	1.84E-02	Lower
243-02	1.601	-1.267	0.97	6	1970	0.74	3.96E-04	Middle
243-02	1.455	-1.435	0.95	9	1970	1.47	8.22E-06	Upper
244-01	1.367	-0.567	0.56	42	1984	60.05	1.19E-08	Lower
244-01	1.788	-1.128	0.91	46	1985	15.50	7.32E-25	Middle
244-01	1.518	-1.455	0.85	50	1985	22.85	3.45E-21	Upper
246-01	1.041	0.531	0.99	124	1983	1.24	3.90E-127	Lower
246-01	1.809	-0.505	0.86	126	1983	71.78	3.33E-54	Middle
246-01	1.860	-0.989	0.98	128	1983	9.87	6.93E-108	Upper
248-03	0.999	0.338	0.94	55	1980	4.06	7.12E-34	Lower
248-03	1.823	-0.779	0.92	56	1980	18.42	1.88E-31	Middle
248-03	1.725	-1.108	0.96	59	1980	8.08	4.33E-42	Upper
250-01	1.779	-0.542	0.83	50	1988	31.49	7.73E-20	Lower
250-01	1.877	-0.971	0.99	47	1986	1.26	5.07E-48	Middle
250-01	1.674	-1.176	0.97	62	1988	6.76	6.21E-46	Upper
254-03	2.143	-0.511	0.53	41	1989	15.47	6.29E-08	Lower
254-03	1.977	-0.862	0.98	44	1975	0.84	4.27E-39	Upper
262-01	1.775	-1.114	0.92	70	1990	25.82	2.00E-38	Lower
262-01	1.515	-1.448	0.94	69	1984	12.85	6.00E-43	Middle
262-01	1.358	-1.606	0.92	81	1984	16.63	7.81E-46	Upper
265-01	1.823	-1.032	1.00	13	1976	0.00	4.48E-172	Middle
265-01	1.623	-1.250	1.00	14	1976	0.07	8.98E-17	Upper
265-02	1.713	-0.460	0.57	13	1978	11.55	3.01E-03	Lower
265-02	1.736	-1.124	0.99	16	1978	0.55	2.21E-14	Upper
282-02	1.791	-1.462	0.52	21	1994	30.14	2.07E-04	Upper
315-03	1.844	-1.010	1.00	24	1983	0.00		Lower
315-03	1.925	-0.923	1.00	23	1983	0.00		Middle
315-03	1.832	-1.022	0.99	29	1983	0.69	3.28E-29	Upper
353-03	0.930	0.007	0.99	14	1978	0.19	3.21E-13	Lower
353-03	1.672	-1.186	0.99	13	1978	0.44	9.79E-13	Middle
353-03	1.511	-1.364	0.99	17	1978	0.58	2.31E-16	Upper
380-03	1.946	-1.426	0.70	10	1994	10.88	2.66E-03	Upper
392-03	0.885	0.276	0.97	5	1981	0.10	1.83E-03	Lower
392-03	0.796	-0.110	0.76	8	1981	1.65	4.65E-03	Middle
392-03	0.596	-0.313	0.68	10	1981	1.50	3.29E-03	Upper
407-05	1.819	-0.555	0.85	13	1989	7.37	6.75E-06	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
407-05	2.041	-0.787	0.99	14	1989	0.37	1.26E-14	Middle
407-05	1.788	-1.041	0.94	19	1989	4.30	6.98E-12	Upper
836-13	0.979	-2.269	0.57	10	1972	4.34	1.13E-02	Middle
836-13	1.098	-2.103	0.71	13	1972	5.04	3.05E-04	Upper
840-36	1.021	0.579	1.00	3	1984	0.00	9.68E-17	Lower
840-36	2.015	-0.829	0.98	5	1984	0.50	1.37E-03	Middle
840-36	1.838	-1.024	0.98	6	1984	0.53	1.83E-04	Upper
840-43	1.186	-0.470	0.81	13	1951	7.50	2.73E-05	Lower
840-43	1.581	-1.294	1.00	14	1951	0.04	1.43E-20	Middle
840-43	1.473	-1.411	0.99	16	1951	0.48	2.99E-16	Upper
848-01	1.618	-1.584	0.62	28	1982	37.78	6.76E-07	Middle
848-01	1.538	-1.618	0.66	33	1982	33.60	7.90E-09	Upper
853-33	1.551	-1.018	0.69	6	1982	7.45	4.19E-02	Middle
853-33	1.871	-1.487	0.84	10	1982	6.85	2.16E-04	Upper
853-36	1.034	-2.113	0.51	13	1981	6.53	6.22E-03	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	0.769	0.419	0.92	92	1996	2.57	6.48E-52	Lower
001-01	0.874	0.044	0.97	91	1996	1.31	2.87E-68	Middle
001-01	1.703	-1.214	0.78	97	1996	45.56	8.04E-33	Upper
001-03	0.827	0.592	0.95	339	1948	7.56	6.82E-224	Lower
001-03	0.876	0.375	0.97	342	1957	4.84	2.63E-266	Middle
001-03	1.146	-0.204	0.59	354	2001	207.27	6.39E-70	Upper
001-04	0.818	0.191	0.94	107	1955	2.25	1.48E-67	Lower
001-04	0.880	-0.015	0.97	105	1955	1.22	4.85E-82	Middle
001-04	1.163	-0.564	0.70	117	1955	36.54	1.08E-31	Upper
001-06	0.857	0.400	0.94	388	1971	16.65	5.08E-242	Lower
001-06	0.954	0.099	0.97	392	1971	12.18	2.34E-287	Middle
001-06	1.174	-0.450	0.79	410	1971	137.25	5.71E-142	Upper
001-07	0.983	0.319	0.92	206	1952	13.85	9.08E-115	Lower
001-07	1.033	0.083	0.94	202	1952	10.84	1.56E-125	Middle
001-07	1.073	-0.120	0.86	227	1952	33.13	5.38E-98	Upper
001-08	0.972	0.264	0.99	173	1947	1.17	1.81E-177	Lower
001-08	1.012	0.098	1.00	181	1947	0.43	2.13E-227	Middle
001-08	1.028	-0.079	0.92	184	1947	13.07	3.34E-102	Upper
002-01	0.979	0.064	1.00	25	1947	0.10	2.79E-28	Lower
002-01	0.936	0.021	0.99	34	1947	0.11	3.12E-38	Middle
002-01	0.885	-0.041	1.00	36	1947	0.11	6.17E-41	Upper
002-03	0.901	0.329	0.93	378	1947	25.33	9.29E-223	Lower
002-03	0.998	0.010	0.82	367	1947	94.93	8.48E-137	Middle
002-03	1.118	-0.337	0.74	396	1947	199.72	6.33E-116	Upper
002-04	0.926	0.341	0.96	331	1955	7.43	7.89E-241	Lower
002-04	0.975	0.082	0.99	330	1957	3.16	6.03E-307	Middle
002-04	0.904	-0.038	0.95	345	1947	9.77	5.62E-230	Upper
002-05	1.002	0.185	0.99	254	1947	2.00	9.90E-265	Lower
002-05	0.932	-0.034	0.97	260	1947	6.86	1.95E-196	Upper
003-02	0.676	0.862	0.84	99	1953	7.25	5.92E-41	Lower
003-02	0.883	0.503	0.83	96	1947	13.80	1.32E-37	Middle
003-02	1.106	0.124	0.79	109	1947	30.38	3.25E-38	Upper
003-03	0.651	0.650	0.79	270	1947	26.54	5.40E-94	Lower
003-03	0.900	0.158	0.69	274	1947	88.16	5.83E-72	Middle
003-03	1.697	-0.816	0.86	278	1947	118.04	2.11E-119	Upper
003-04	0.903	0.079	0.95	72	1968	2.43	8.31E-47	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-04	0.854	-0.071	0.99	74	1947	0.29	5.59E-79	Middle
003-04	1.590	-1.067	0.94	86	1947	9.25	4.47E-54	Upper
003-05	0.805	0.506	0.95	188	1947	5.49	5.37E-121	Lower
003-05	0.881	0.249	0.96	186	1971	5.47	1.39E-126	Middle
003-05	0.973	-0.062	0.83	199	1947	31.41	1.77E-77	Upper
003-07	0.940	0.512	0.98	161	1972	2.00	9.47E-134	Lower
003-07	0.938	0.330	0.99	158	1972	0.64	3.21E-169	Middle
003-07	0.992	0.041	0.75	170	1972	34.26	9.11E-53	Upper
003-08	0.759	0.646	0.93	71	1972	2.77	6.86E-41	Lower
003-08	0.904	0.391	0.95	77	1972	2.56	8.79E-51	Middle
003-08	0.949	0.180	0.95	82	1972	2.97	4.98E-55	Upper
004-01	0.551	0.883	0.80	20	1953	1.76	1.07E-07	Lower
004-01	1.492	-0.606	0.83	18	1949	11.02	1.69E-07	Middle
004-01	1.559	-0.881	0.72	38	1949	33.89	1.66E-11	Upper
004-04	0.903	0.521	0.95	87	1962	2.12	1.10E-58	Lower
004-04	0.936	0.319	0.97	89	1978	1.56	7.38E-68	Middle
004-04	0.938	0.085	0.90	100	1962	5.51	7.89E-52	Upper
004-05	0.817	1.117	0.94	4	1962	0.08	3.23E-02	Lower
004-05	0.757	0.704	0.85	9	1962	0.66	4.00E-04	Middle
004-05	0.868	0.462	0.92	11	1962	0.56	2.64E-06	Upper
004-08	0.682	0.608	0.86	263	1948	19.94	1.06E-111	Lower
004-08	0.858	0.158	0.90	258	1948	19.96	4.68E-132	Middle
004-08	1.006	-0.234	0.72	290	1948	106.31	9.07E-82	Upper
005-01	0.649	1.264	0.88	50	1948	1.49	5.09E-24	Lower
005-01	0.643	1.098	0.89	48	1948	1.34	2.60E-23	Middle
005-07	0.826	0.740	0.92	26	2001	1.02	1.19E-14	Lower
005-07	0.921	0.558	0.95	29	2001	0.77	1.19E-19	Middle
005-07	0.878	0.363	0.91	36	1950	2.15	5.83E-19	Upper
007-03	0.710	0.630	0.87	5	1952	0.37	2.13E-02	Lower
007-03	0.835	0.526	0.91	5	1952	0.24	1.12E-02	Middle
007-03	0.849	0.135	0.87	11	1952	1.09	3.15E-05	Upper
007-04	0.911	0.312	0.94	159	1970	4.12	8.02E-100	Lower
007-04	0.919	0.141	0.92	157	1954	5.73	2.93E-87	Middle
007-04	0.840	-0.055	0.73	170	1954	22.36	3.94E-50	Upper
007-05	0.927	0.259	0.96	214	1997	4.59	1.96E-155	Lower
007-05	1.112	-0.182	0.81	213	1997	40.88	8.17E-79	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-05	1.717	-1.092	0.95	218	1997	22.73	1.26E-142	Upper
007-06	0.832	0.224	0.83	138	1955	18.02	8.31E-55	Lower
007-06	1.354	-0.724	0.72	138	1955	92.26	1.59E-39	Middle
007-06	1.676	-1.486	0.86	145	1955	62.05	4.58E-63	Upper
007-07	0.397	0.861	0.68	144	1999	9.46	5.14E-37	Lower
007-07	0.503	0.446	0.62	141	1999	19.74	4.66E-31	Middle
007-07	1.216	-0.668	0.69	153	1951	87.53	1.18E-40	Upper
007-08	0.717	0.761	0.77	192	1953	22.30	8.36E-62	Lower
007-08	0.849	0.373	0.87	187	1953	15.16	1.62E-83	Middle
007-08	0.893	0.019	0.77	204	1953	34.52	2.60E-67	Upper
008-05	0.858	0.574	0.93	340	1955	14.23	1.51E-200	Lower
008-05	0.975	0.182	0.95	334	1955	13.66	4.53E-216	Middle
008-05	1.428	-0.632	0.70	350	1955	243.50	3.32E-92	Upper
008-06	0.949	0.478	0.99	216	1947	1.62	2.80E-210	Lower
008-06	0.960	0.349	0.99	215	1947	0.95	6.11E-236	Middle
008-06	1.008	0.145	0.93	225	1947	12.93	7.61E-129	Upper
008-07	0.996	0.391	1.00	34	1967	0.10	1.03E-41	Lower
008-07	0.953	0.330	1.00	37	1967	0.04	6.88E-52	Middle
008-07	1.036	0.118	1.00	39	1967	0.17	3.16E-45	Upper
008-09	0.756	0.412	0.83	179	1958	21.74	5.25E-70	Lower
008-09	0.943	-0.070	0.79	183	1958	43.41	4.00E-64	Middle
008-09	1.674	-1.405	0.82	198	1958	120.79	1.25E-75	Upper
010-03	0.657	0.814	0.92	77	1971	2.40	1.33E-42	Lower
010-03	0.903	0.456	0.92	77	1950	4.52	1.48E-42	Middle
010-03	0.940	0.257	0.92	87	1950	5.20	1.17E-48	Upper
012-06	0.843	0.424	0.92	254	1972	14.64	5.54E-142	Lower
012-06	0.926	0.115	0.94	257	1972	13.77	1.08E-156	Middle
012-06	1.126	-0.445	0.76	272	1972	103.72	3.43E-85	Upper
012-08	0.774	0.871	0.94	100	1972	2.86	1.11E-60	Lower
012-08	0.911	0.641	0.91	102	1972	6.07	2.17E-53	Middle
012-08	1.040	0.398	0.92	105	1972	6.91	1.97E-58	Upper
012-09	0.906	0.461	0.94	15	1970	0.54	2.77E-09	Lower
012-09	0.962	0.204	0.99	14	1970	0.08	6.06E-13	Middle
012-09	0.949	0.055	0.98	21	1970	0.29	3.86E-17	Upper
012-10	0.895	0.282	0.99	36	1971	0.16	3.00E-36	Lower
012-10	0.970	0.072	0.99	41	1971	0.26	6.06E-40	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-10	0.906	0.004	0.98	42	1971	0.36	3.84E-37	Upper
012-11	0.636	1.109	0.82	324	1969	16.30	4.95E-121	Lower
012-11	0.843	0.682	0.93	325	1976	9.43	3.37E-190	Middle
012-11	1.640	-0.450	0.63	330	1969	285.11	1.11E-73	Upper
012-12	0.475	1.088	0.70	38	1966	1.46	4.86E-11	Lower
012-12	0.556	0.837	0.82	35	1966	0.97	5.19E-14	Middle
012-12	0.883	0.438	0.75	48	1966	5.01	1.92E-15	Upper
012-13	0.752	0.462	0.82	28	1951	2.79	2.55E-11	Lower
012-13	0.735	0.241	0.87	30	1961	1.87	8.72E-14	Middle
012-13	1.025	-0.364	0.69	40	1961	15.24	4.47E-11	Upper
013-08	0.394	1.178	0.59	8	1975	0.69	2.61E-02	Lower
013-08	0.418	1.064	0.66	7	1975	0.56	2.56E-02	Middle
013-09	0.693	0.612	0.83	207	1954	15.44	9.81E-82	Lower
013-09	0.799	0.276	0.91	210	1954	10.85	2.76E-108	Middle
013-09	1.097	-0.269	0.72	226	1954	78.01	1.60E-64	Upper
013-11	0.612	0.865	0.78	79	1993	4.59	5.58E-27	Lower
013-11	0.648	0.570	0.72	76	1993	6.53	2.06E-22	Middle
016-05	0.853	0.441	0.97	29	1966	0.81	1.21E-21	Lower
016-05	0.939	0.172	0.98	32	1966	0.61	6.22E-27	Middle
016-05	1.103	-0.275	0.75	35	1966	15.30	1.36E-11	Upper
017-04	0.934	0.320	0.95	179	1985	5.54	1.74E-119	Lower
017-04	0.991	0.080	0.97	179	1947	4.53	2.49E-131	Middle
017-04	1.226	-0.420	0.83	196	1947	42.04	2.94E-76	Upper
018-03	1.008	0.181	0.97	19	1981	0.50	6.57E-14	Lower
018-03	0.967	0.040	0.98	19	1981	0.36	1.22E-15	Middle
018-03	1.137	-0.280	0.87	25	1981	3.69	1.46E-11	Upper
020-30	0.803	0.671	0.90	7	1951	0.29	9.97E-04	Lower
020-30	0.784	0.415	0.91	6	1951	0.28	2.95E-03	Middle
020-30	1.620	-0.195	0.73	11	1951	6.45	7.49E-04	Upper
021-03	0.792	0.376	0.88	6	1972	0.41	5.97E-03	Lower
021-03	0.767	0.266	0.82	11	1972	1.18	1.30E-04	Middle
021-03	0.736	0.152	0.79	12	1972	1.35	1.16E-04	Upper
021-04	0.797	0.504	0.86	53	1971	4.54	1.77E-23	Lower
021-04	0.908	0.163	0.94	48	1971	2.17	1.55E-29	Middle
021-04	1.008	-0.207	0.71	59	1971	20.07	6.06E-17	Upper
025-08	0.620	0.902	0.89	134	1960	4.53	2.74E-66	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
025-08	0.727	0.623	0.86	135	1960	8.87	2.57E-58	Middle
025-08	0.894	0.238	0.73	145	1960	31.60	3.73E-42	Upper
026-09	0.923	0.052	0.92	87	1951	6.06	5.07E-48	Lower
026-09	0.865	-0.043	0.88	85	1951	8.01	3.15E-40	Middle
026-09	0.801	-0.071	0.77	98	1951	16.44	2.34E-32	Upper
026-10	0.897	0.104	0.91	119	1967	9.11	2.19E-62	Lower
026-10	0.952	-0.358	0.75	120	1967	34.16	2.79E-37	Middle
026-10	1.471	-1.282	0.89	125	1967	30.76	5.39E-61	Upper
027-03	0.897	0.096	0.97	18	1972	0.28	5.90E-14	Lower
027-03	0.899	-0.010	0.99	17	1972	0.15	4.19E-15	Middle
027-03	0.850	-0.061	0.98	24	1972	0.19	2.85E-21	Upper
027-04	0.836	0.846	0.91	5	1991	0.22	1.22E-02	Lower
027-04	0.804	0.520	0.81	11	1991	1.02	1.68E-04	Upper
027-06	0.929	0.120	0.90	26	1971	2.06	1.37E-13	Lower
027-06	1.859	-1.359	0.85	35	1972	16.32	2.93E-15	Upper
028-02	0.827	-0.059	0.92	49	1970	2.54	7.01E-27	Lower
028-02	1.128	-0.550	0.76	46	1970	16.65	4.36E-15	Middle
028-02	1.568	-1.259	0.96	55	1970	4.75	3.82E-38	Upper
028-03	0.787	0.445	0.93	63	1964	2.21	1.57E-37	Lower
028-03	0.844	0.261	0.95	67	1970	1.90	1.66E-44	Middle
028-03	1.008	-0.128	0.75	72	1970	19.15	5.10E-23	Upper
028-04	0.821	0.487	0.90	336	1984	21.89	5.58E-167	Lower
028-04	0.887	0.178	0.91	336	1984	21.16	8.14E-180	Middle
028-04	1.414	-0.483	0.79	345	1988	158.62	9.20E-117	Upper
031-03	0.678	0.748	0.83	77	1971	5.94	3.25E-30	Lower
031-03	0.816	0.399	0.83	77	1971	8.64	2.34E-30	Middle
031-03	1.361	-0.275	0.75	83	1971	41.01	7.81E-26	Upper
033-02	1.047	0.130	1.00	5	1975	0.00	4.54E-06	Lower
033-02	0.962	0.041	0.99	4	1975	0.02	2.66E-03	Middle
033-02	0.892	-0.036	0.99	8	1975	0.04	4.40E-08	Upper
036-01	0.896	0.511	0.86	92	1995	8.54	1.34E-39	Lower
036-01	1.093	-0.149	0.77	93	1995	23.94	1.91E-30	Middle
036-01	1.761	-1.006	0.92	98	2000	17.58	8.31E-55	Upper
036-02	0.751	0.407	0.83	128	1990	10.95	3.81E-50	Lower
036-02	0.881	-0.033	0.65	134	1990	39.90	1.36E-31	Middle
036-02	1.486	-0.975	0.67	137	1990	106.37	2.29E-34	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
036-03	0.974	0.373	0.95	131	1995	3.43	6.60E-88	Lower
037-02	0.747	0.748	0.87	254	1982	15.97	8.06E-112	Lower
037-02	0.900	0.401	0.89	255	1983	19.09	3.89E-122	Middle
037-02	1.445	-0.982	0.52	263	1983	372.39	2.90E-43	Upper
037-03	0.820	0.423	0.94	44	1981	1.73	5.78E-27	Lower
037-03	0.865	0.253	0.96	46	1981	1.33	2.69E-32	Middle
037-03	0.835	0.164	0.94	49	1981	1.85	9.53E-31	Upper
037-04	0.881	0.334	0.97	136	1987	2.34	2.85E-102	Lower
037-04	0.834	0.230	0.97	136	1987	1.81	1.59E-106	Middle
037-04	0.869	0.032	0.95	142	1987	3.46	8.70E-96	Upper
041-01	0.911	-0.016	0.99	36	1982	0.30	1.56E-33	Lower
041-01	1.289	-0.600	0.87	30	1983	6.37	6.55E-14	Middle
041-01	1.612	-1.224	0.97	47	1983	2.58	6.92E-36	Upper
043-05	0.817	0.714	0.89	29	1993	1.70	2.47E-14	Lower
043-05	0.882	0.489	0.96	29	1993	0.62	2.40E-20	Middle
043-05	0.929	0.279	0.97	34	1993	0.58	2.72E-26	Upper
044-02	0.748	0.448	0.83	310	1978	28.45	2.53E-121	Lower
044-02	0.801	0.091	0.81	305	1992	36.59	1.22E-112	Middle
044-02	1.501	-0.984	0.68	320	1992	270.12	2.38E-81	Upper
044-03	1.279	-0.689	0.62	157	1979	175.06	5.02E-34	Lower
044-03	1.720	-1.552	0.80	157	1979	126.28	4.95E-56	Middle
044-03	1.653	-1.601	0.81	165	1979	116.97	4.58E-60	Upper
045-01	0.852	0.506	0.91	292	1993	18.42	4.13E-152	Lower
045-01	0.987	0.082	0.96	295	1986	9.09	1.45E-213	Middle
045-01	1.677	-1.238	0.70	304	1986	305.32	8.39E-82	Upper
045-02	0.923	0.175	0.92	60	1972	4.36	1.63E-33	Lower
045-02	1.087	-0.179	0.81	57	1972	15.16	1.51E-21	Middle
045-02	1.771	-1.109	0.95	66	1972	10.73	4.50E-43	Upper
046-04	0.789	0.172	0.80	60	1946	7.12	4.50E-22	Lower
046-04	0.763	-0.136	0.87	65	1946	4.33	7.70E-30	Middle
046-04	0.625	-0.264	0.66	66	1946	10.26	1.22E-16	Upper
050-05	0.906	0.322	0.86	84	1986	7.74	9.34E-37	Lower
050-05	0.970	0.092	0.89	83	1986	6.63	9.57E-41	Middle
050-05	0.880	-0.003	0.86	90	1986	7.59	7.43E-40	Upper
050-07	0.813	1.146	0.94	23	1988	0.56	1.46E-14	Lower
050-07	0.803	0.978	0.94	25	1988	0.63	1.44E-15	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
051-02	0.688	0.630	0.78	188	1981	26.24	6.26E-63	Lower
051-02	1.086	0.042	0.66	189	1958	119.11	1.07E-45	Middle
051-02	1.672	-0.737	0.82	196	1958	123.64	2.41E-74	Upper
051-03	0.794	1.030	0.88	173	1976	8.78	1.99E-79	Lower
051-03	0.888	0.729	0.97	177	1982	2.57	1.22E-133	Middle
051-03	0.891	0.569	0.95	179	1982	3.95	3.83E-120	Upper
051-04	0.901	0.463	0.96	56	1971	1.82	5.20E-40	Lower
051-04	0.979	0.233	0.96	64	1981	2.83	1.56E-43	Middle
051-04	1.039	0.008	0.83	68	1981	14.68	3.10E-27	Upper
051-05	0.810	0.176	0.84	169	1972	22.58	2.59E-69	Lower
051-05	0.794	-0.183	0.67	175	1972	60.95	5.66E-43	Middle
051-05	1.116	-0.958	0.58	178	1972	172.32	3.22E-35	Upper
051-06	0.881	0.233	0.96	161	1975	5.08	9.66E-114	Lower
051-06	0.961	0.002	0.97	164	1974	5.35	1.24E-120	Middle
051-06	1.643	-0.968	0.94	171	1975	30.34	8.28E-104	Upper
051-07	0.634	0.449	0.77	230	1992	19.40	3.96E-75	Lower
051-07	0.609	0.278	0.75	229	1975	20.33	6.75E-70	Middle
051-07	0.772	-0.197	0.56	246	1975	79.22	6.20E-46	Upper
052-01	0.971	0.407	0.96	296	1986	11.25	2.38E-201	Lower
052-01	1.153	-0.115	0.61	298	1986	225.36	7.42E-62	Middle
052-01	1.860	-0.980	0.84	304	1986	172.97	2.03E-122	Upper
052-02	0.944	0.451	0.98	144	1988	1.43	1.03E-127	Lower
052-02	0.952	0.352	0.99	148	1988	1.22	4.23E-138	Middle
052-02	0.952	0.242	0.98	150	1988	2.14	2.62E-122	Upper
052-03	0.884	0.174	0.80	231	1978	42.85	6.15E-82	Lower
052-03	0.871	-0.012	0.75	232	1978	55.01	6.52E-71	Middle
052-03	0.858	-0.260	0.59	237	1978	112.23	5.29E-48	Upper
052-04	0.545	0.991	0.77	67	1981	4.47	9.85E-23	Lower
052-04	0.857	0.649	0.72	66	1981	13.82	1.58E-19	Middle
052-04	1.338	0.066	0.70	72	1981	42.35	5.98E-20	Upper
052-05	0.845	0.262	0.89	64	1972	7.18	2.01E-31	Lower
052-05	0.962	-0.016	0.87	67	1972	11.46	2.28E-30	Middle
052-05	1.683	-1.021	0.94	69	1972	15.41	1.24E-42	Upper
052-07	0.995	0.109	0.99	102	1982	0.83	2.94E-108	Lower
052-07	0.938	0.013	1.00	100	1982	0.10	2.30E-149	Middle
052-07	1.110	-0.316	0.84	105	1982	27.21	1.07E-42	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-08	1.004	0.006	0.53	138	1975	154.28	6.64E-24	Lower
052-08	1.011	-0.213	0.59	137	1975	121.56	8.01E-28	Middle
052-08	1.602	-1.183	0.82	142	1975	97.35	2.33E-54	Upper
052-30	0.848	0.542	0.96	96	1993	1.99	7.49E-66	Lower
052-30	0.813	0.357	0.92	98	1993	3.47	4.61E-55	Middle
052-30	0.816	0.074	0.72	102	1991	17.20	1.65E-29	Upper
053-01	0.957	0.112	0.98	50	1989	1.40	1.31E-41	Lower
053-01	0.954	-0.046	0.92	53	1974	5.63	1.22E-29	Middle
053-01	1.649	-1.180	0.97	59	1974	6.74	1.39E-44	Upper
053-02	1.012	0.233	0.99	85	1980	1.27	1.73E-81	Lower
053-02	1.000	0.080	1.00	85	1979	0.22	7.32E-112	Middle
053-02	0.985	-0.070	0.93	90	1979	8.28	1.77E-51	Upper
053-04	0.986	0.237	0.99	21	1974	0.21	1.72E-21	Lower
053-04	1.017	0.099	1.00	21	1974	0.10	8.01E-25	Middle
053-04	0.958	0.035	0.99	24	1974	0.15	1.07E-26	Upper
053-05	0.594	0.706	0.68	81	1993	2.79	1.65E-21	Lower
053-05	0.637	0.399	0.83	76	1993	1.39	3.13E-30	Middle
053-05	0.742	0.024	0.54	88	1993	10.15	5.45E-16	Upper
053-06	0.545	0.934	0.78	238	1983	17.34	1.12E-79	Lower
053-06	0.668	0.555	0.76	236	1983	29.38	3.96E-74	Middle
053-06	0.966	-0.008	0.63	244	1983	114.05	9.69E-55	Upper
053-07	0.777	0.482	0.90	418	1970	26.09	4.78E-214	Lower
053-07	0.891	0.108	0.93	410	1981	24.64	4.61E-236	Middle
053-07	1.443	-1.006	0.69	432	1970	397.51	2.94E-110	Upper
053-08	0.872	0.239	0.86	46	1957	3.77	1.32E-20	Lower
053-08	1.040	-0.327	0.76	48	1957	10.35	7.40E-16	Middle
053-08	1.602	-1.214	0.94	50	1957	5.08	8.35E-32	Upper
054-01	0.844	0.598	0.93	22	1990	0.90	9.33E-13	Lower
054-01	0.894	0.411	0.92	24	1990	1.15	2.85E-13	Middle
054-01	1.089	0.028	0.80	28	1990	5.71	1.63E-10	Upper
054-04	1.000	0.106	0.99	334	1980	2.68		Lower
054-04	0.926	-0.001	1.00	333	1980	0.92		Middle
054-04	1.261	-0.614	0.87	343	1982	60.21	8.48E-156	Upper
054-05	0.946	0.404	0.97	223	1983	4.56	7.37E-179	Lower
054-05	1.012	0.100	0.99	223	1983	1.40	3.94E-241	Middle
054-05	1.082	-0.218	0.82	228	1983	53.53	8.26E-85	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
055-04	0.793	0.215	0.95	244	1995	9.61	2.45E-156	Lower
055-04	1.297	-0.809	0.87	241	1951	66.88	9.85E-110	Middle
055-04	1.410	-1.170	0.93	254	1951	42.73	1.33E-146	Upper
055-05	0.748	0.530	0.90	173	1995	7.35	1.36E-86	Lower
055-05	0.833	0.120	0.95	174	1995	4.19	4.35E-114	Middle
055-05	0.844	-0.137	0.87	183	1995	13.70	1.23E-80	Upper
055-06	0.639	0.701	0.78	143	1984	16.24	6.21E-48	Lower
055-06	0.828	0.343	0.87	144	1984	15.02	6.20E-64	Middle
055-06	1.009	-0.086	0.71	157	1984	62.12	6.97E-44	Upper
055-07	0.952	0.459	0.99	165	1983	1.84	8.85E-152	Lower
055-07	0.958	0.345	0.98	164	1983	2.35	4.00E-142	Middle
055-07	0.930	0.214	0.95	176	1983	6.05	6.07E-118	Upper
056-01	0.909	0.637	0.96	51	1985	1.41	3.60E-36	Lower
056-01	1.010	0.348	0.98	50	1985	0.99	7.79E-41	Middle
056-01	1.121	0.019	0.87	56	1985	8.34	8.41E-26	Upper
056-02	0.900	0.337	0.96	107	1985	2.34	3.58E-78	Lower
056-02	0.936	0.130	0.97	109	1985	2.08	4.88E-84	Middle
056-02	0.936	-0.058	0.91	117	1985	7.03	1.01E-62	Upper
056-03	0.884	0.329	0.94	224	1981	9.71	2.25E-139	Lower
056-03	0.925	0.002	0.95	218	1981	8.77	2.56E-143	Middle
056-03	1.165	-0.631	0.76	235	1981	86.85	3.36E-75	Upper
057-01	0.946	0.442	0.98	137	1990	1.57	8.12E-116	Lower
057-01	0.883	0.246	0.98	141	1990	1.56	2.52E-116	Middle
057-01	0.886	0.009	0.95	143	1990	3.68	5.87E-93	Upper
057-02	0.846	0.580	0.94	196	1976	6.94	1.70E-122	Lower
057-02	0.936	0.241	0.96	195	1976	5.87	8.77E-137	Middle
057-02	1.029	-0.144	0.82	205	1976	39.00	4.81E-77	Upper
057-03	0.872	0.860	0.98	49	1991	0.58	4.19E-40	Lower
057-03	0.893	0.693	0.97	49	1991	0.68	3.51E-38	Middle
057-03	1.036	0.245	0.68	59	1986	18.43	7.38E-16	Upper
058-05	0.971	0.526	1.00	4	1980	0.00	1.97E-05	Lower
058-05	1.755	-0.320	0.88	9	1980	3.63	1.97E-04	Upper
059-01	0.906	0.283	0.94	68	1950	4.68	9.01E-42	Lower
059-01	0.973	-0.012	0.94	65	1959	4.78	9.08E-41	Middle
059-01	1.615	-1.132	0.97	77	1959	7.85	4.94E-59	Upper
059-02	1.211	1.456	0.78	5	1987	0.57	4.63E-02	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
059-02	0.876	0.411	0.92	7	1990	0.19	7.14E-04	Middle
059-02	1.708	-0.597	0.52	11	1990	18.31	1.26E-02	Upper
059-30	0.947	0.474	0.89	39	1986	3.58	1.56E-19	Lower
059-30	0.984	0.272	0.94	38	1986	1.86	4.29E-24	Middle
059-30	1.436	-0.447	0.71	47	1986	33.30	1.53E-13	Upper
060-01	0.637	0.560	0.73	19	1967	3.36	3.02E-06	Lower
060-01	1.236	-0.546	0.79	23	1955	11.49	1.80E-08	Middle
060-01	1.608	-1.321	0.83	35	1955	16.15	1.90E-14	Upper
060-03	0.889	0.387	0.85	88	1984	9.15	5.47E-37	Lower
060-03	0.826	0.253	0.77	82	1984	12.53	5.26E-27	Middle
060-03	0.834	-0.019	0.67	94	1984	23.70	7.34E-24	Upper
060-04	1.030	0.205	0.96	79	1990	3.52	2.66E-54	Lower
060-04	0.959	0.035	1.00	78	1990	0.05	1.10E-121	Middle
060-04	1.258	-0.310	0.77	85	1990	37.58	2.56E-28	Upper
064-04	0.503	0.653	0.78	143	1985	5.61	1.34E-47	Lower
064-04	0.480	0.506	0.78	143	1985	5.04	4.88E-48	Middle
064-04	0.502	0.303	0.74	149	1979	6.93	3.05E-45	Upper
064-05	0.845	0.457	0.97	47	1997	0.73	6.03E-35	Lower
064-05	0.874	0.314	0.97	45	1997	0.61	3.73E-35	Middle
064-05	0.878	0.189	0.96	51	1997	1.02	3.74E-36	Upper
064-06	0.747	0.562	0.90	66	1998	2.49	3.21E-33	Lower
064-06	0.759	0.369	0.93	65	1998	1.70	1.88E-37	Middle
064-06	0.756	0.022	0.52	70	1998	21.65	2.04E-12	Upper
064-90	0.566	0.682	0.85	30	1979	0.89	3.74E-13	Lower
064-90	0.604	0.542	0.88	31	1979	0.89	8.46E-15	Middle
065-04	0.907	0.170	0.93	62	1996	2.75	6.95E-36	Lower
065-04	0.886	-0.030	0.99	62	1996	0.30	1.91E-63	Middle
065-04	1.247	-0.538	0.78	67	1996	20.28	6.73E-23	Upper
065-05	0.586	0.920	0.79	31	1996	1.74	3.10E-11	Lower
065-05	0.651	0.623	0.82	31	1996	1.77	2.22E-12	Middle
065-05	0.937	-0.014	0.50	36	1996	18.55	1.26E-06	Upper
066-07	0.670	0.993	0.77	40	1995	3.09	8.06E-14	Lower
066-07	0.694	0.762	0.80	42	1995	3.14	1.14E-15	Middle
069-02	0.727	0.643	0.84	38	1998	2.20	4.55E-16	Lower
069-02	0.707	0.173	0.82	38	1998	2.40	3.89E-15	Middle
069-04	0.860	0.264	0.91	91	1998	3.88	8.77E-49	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
069-04	1.392	-0.631	0.71	93	1998	44.75	4.14E-26	Middle
069-04	1.390	-1.883	0.54	95	1998	92.06	1.54E-17	Upper
075-01	0.976	0.516	0.82	67	2000	8.84	5.72E-26	Lower
075-01	1.057	-0.027	0.86	67	2000	7.79	1.99E-29	Middle
075-01	1.864	-0.982	0.98	70	2000	3.01	3.87E-60	Upper
102-02	0.559	1.039	0.85	11	1975	0.75	6.11E-05	Lower
102-02	0.744	0.746	0.80	12	1975	2.06	9.25E-05	Middle
102-02	0.959	0.385	0.84	16	1975	3.07	4.87E-07	Upper
122-01	1.055	0.380	0.98	25	1986	0.52	3.35E-21	Lower
122-01	1.046	0.092	0.99	25	1986	0.34	6.53E-23	Middle
122-01	1.593	-0.943	0.70	30	1986	30.21	1.01E-08	Upper
122-02	0.927	0.379	0.93	41	1986	1.97	1.22E-23	Lower
122-02	0.945	0.027	1.00	37	1986	0.08	9.43E-45	Middle
122-02	0.890	-0.031	1.00	47	1986	0.12	1.35E-54	Upper
128-03	0.965	0.579	0.99	23	1983	0.22	8.45E-23	Lower
128-03	0.988	0.369	1.00	23	1983	0.07	3.35E-28	Middle
128-03	1.120	0.054	0.90	26	1983	4.05	2.30E-13	Upper
142-04	0.864	0.581	0.94	12	1989	0.50	2.85E-07	Lower
142-04	0.787	0.357	0.87	16	1989	1.18	1.08E-07	Middle
142-04	0.860	0.085	0.81	18	1989	2.41	4.12E-07	Upper
144-01	0.978	0.351	0.99	81	1978	1.14	2.81E-79	Lower
144-01	1.045	0.131	0.91	75	1978	10.43	8.53E-41	Middle
144-01	1.140	-0.204	0.75	87	1978	49.58	4.60E-27	Upper
152-02	0.643	1.304	0.86	43	1995	1.50	4.15E-19	Lower
152-02	0.725	1.173	0.84	46	1995	2.26	3.26E-19	Middle
152-02	0.849	0.985	0.84	48	1995	3.31	4.66E-20	Upper
152-03	0.549	0.839	0.71	137	1975	14.81	3.26E-38	Lower
152-03	0.760	0.538	0.76	131	1975	20.68	7.90E-42	Middle
152-03	1.201	-0.100	0.62	145	1975	117.95	1.10E-31	Upper
159-03	0.780	0.474	0.90	217	1969	13.55	5.46E-110	Lower
159-03	0.899	0.107	0.92	215	1969	14.25	6.49E-119	Middle
159-03	1.537	-0.795	0.88	230	1969	69.86	1.78E-105	Upper
167-01	0.897	0.080	0.94	47	1993	2.15	1.46E-29	Lower
167-01	0.946	-0.067	0.88	44	1993	4.48	2.53E-21	Middle
167-01	1.695	-1.061	0.96	53	1993	6.22	6.21E-37	Upper
173-01	0.949	0.942	0.97	18	1983	0.30	1.70E-13	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
173-01	0.968	0.756	0.99	19	1983	0.12	4.61E-18	Middle
173-01	1.363	0.406	0.70	22	1983	10.00	1.19E-06	Upper
177-01	0.692	0.681	0.90	109	1986	6.74	1.49E-55	Lower
177-01	0.929	0.201	0.92	102	1986	8.81	1.23E-57	Middle
177-01	1.060	-0.139	0.78	118	1966	43.96	2.12E-39	Upper
177-03	1.041	0.125	1.00	11	1977	0.01	4.34E-14	Lower
177-03	0.923	0.008	0.96	17	1977	0.38	6.77E-12	Upper
193-01	0.573	0.933	0.85	10	1991	0.45	1.29E-04	Lower
193-01	0.758	0.742	0.84	17	1991	1.32	2.72E-07	Middle
193-01	0.814	0.603	0.87	19	1991	1.23	4.84E-09	Upper
193-06	1.574	0.567	0.67	7	1953	5.19	2.39E-02	Middle
193-06	1.570	-0.718	0.76	12	1953	8.91	1.98E-04	Upper
196-04	0.792	0.352	0.91	6	1985	0.42	2.91E-03	Lower
196-04	0.871	0.265	0.95	4	1985	0.19	2.32E-02	Middle
196-04	1.115	-0.169	0.75	16	1982	5.26	1.37E-05	Upper
198-03	0.952	0.288	0.98	12	1980	0.29	8.18E-10	Lower
198-03	1.075	0.160	1.00	4	1969	0.00	3.12E-32	Middle
198-03	1.293	-0.329	0.88	22	1980	5.35	1.20E-10	Upper
200-02	0.867	0.228	0.90	18	1975	1.23	1.54E-09	Lower
200-02	0.916	0.020	0.91	16	1975	1.19	8.41E-09	Middle
200-02	0.863	-0.035	0.90	24	1975	1.74	2.37E-12	Upper
201-02	0.870	0.337	0.92	136	1991	6.75	1.78E-75	Lower
201-02	0.901	0.002	0.96	141	1979	3.39	4.19E-100	Middle
201-02	0.847	-0.128	0.90	145	1991	8.62	2.11E-73	Upper
207-03	1.005	1.395	1.00	4	1956	0.00	1.61E-03	Lower
207-03	1.006	1.127	1.00	3	1956	0.00	3.27E-16	Middle
207-07	0.885	0.243	0.95	214	1990	6.40	1.52E-138	Lower
207-07	0.923	0.062	0.96	211	1987	4.78	3.31E-151	Middle
207-07	0.997	-0.207	0.84	228	1990	30.75	2.96E-91	Upper
207-08	0.896	0.500	0.95	22	1989	0.63	1.24E-14	Lower
207-08	0.913	0.318	0.97	26	1989	0.49	9.86E-20	Middle
207-08	0.914	0.140	0.95	31	1987	0.88	2.31E-20	Upper
212-02	0.848	0.747	0.91	89	1983	4.82	1.06E-47	Lower
212-02	0.886	0.555	0.93	91	1983	4.33	6.65E-53	Middle
212-02	0.959	0.359	0.86	95	1983	11.26	4.90E-41	Upper
212-03	0.893	0.434	0.95	142	1976	4.63	2.69E-95	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
212-03	0.895	0.262	0.95	142	1980	4.95	3.28E-94	Middle
212-03	0.974	-0.141	0.74	150	1976	42.99	1.04E-44	Upper
219-03	0.855	0.402	0.96	8	1965	0.26	1.61E-05	Lower
219-03	1.255	0.355	1.00	4	1965	0.00	1.25E-32	Middle
219-03	1.435	-0.729	0.72	14	1978	13.92	1.19E-04	Upper
219-07	1.585	-1.105	0.94	66	1984	11.84	5.18E-42	Lower
219-07	1.570	-1.304	1.00	65	1984	0.27	7.80E-92	Middle
219-07	1.392	-1.495	0.99	69	1984	1.69	1.35E-68	Upper
224-01	0.990	0.423	0.99	47	1978	0.43	3.69E-50	Lower
224-01	1.004	0.207	0.99	46	1986	0.78	2.19E-43	Middle
224-01	0.993	0.076	0.99	50	1978	0.37	1.81E-55	Upper
230-03	0.981	0.179	0.98	28	1979	0.80	2.92E-23	Lower
230-03	0.943	0.017	1.00	28	1979	0.01	1.26E-47	Middle
230-03	1.123	-0.319	0.82	31	1979	11.83	3.70E-12	Upper
230-06	0.655	0.719	0.67	42	1992	4.91	2.93E-11	Lower
230-06	0.768	0.278	0.94	40	1992	0.92	2.25E-24	Middle
230-06	0.721	0.124	0.91	48	1992	1.45	2.79E-25	Upper
232-01	0.875	0.487	0.90	108	1995	7.70	1.31E-54	Lower
232-01	0.850	0.263	0.92	108	1995	5.75	1.09E-59	Middle
232-01	1.567	-0.442	0.76	112	1995	72.92	6.36E-36	Upper
237-01	0.766	0.613	0.89	111	1995	4.92	2.12E-53	Lower
237-01	0.827	0.322	0.96	113	1995	1.62	3.64E-82	Middle
237-01	0.862	0.070	0.92	120	1995	4.39	2.32E-67	Upper
239-02	0.945	0.020	1.00	4	1954	0.00	3.94E-04	Lower
239-02	0.906	-0.020	0.99	5	1954	0.03	2.13E-04	Middle
239-02	1.577	-1.297	1.00	9	1954	0.02	3.99E-12	Upper
240-01	0.944	0.024	0.99	9	1978	0.05	4.47E-09	Lower
240-01	0.907	-0.016	1.00	6	1978	0.02	7.65E-06	Middle
240-01	0.873	-0.053	0.99	14	1978	0.08	3.38E-14	Upper
240-02	0.942	0.175	0.98	12	1978	0.20	1.53E-09	Lower
240-02	0.947	0.027	1.00	17	1978	0.04	1.24E-20	Middle
240-02	0.907	-0.019	0.99	18	1978	0.06	1.28E-19	Upper
243-02	0.992	0.220	0.98	8	1970	0.20	2.69E-06	Lower
243-02	1.021	0.099	0.99	10	1970	0.12	3.32E-09	Middle
243-02	0.964	0.038	0.99	14	1970	0.20	1.64E-12	Upper
244-01	0.927	0.298	0.97	122	1984	2.91	1.65E-93	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
244-01	0.981	0.075	0.99	124	1985	0.97	1.50E-127	Middle
244-01	1.133	-0.347	0.81	132	1985	35.48	2.11E-48	Upper
244-03	0.904	1.164	0.95	72	1995	1.63	2.26E-48	Lower
244-03	1.012	0.762	0.92	74	1995	3.80	5.42E-41	Middle
244-03	1.344	-0.007	0.58	75	1995	56.25	2.42E-15	Upper
246-01	0.968	0.438	0.98	248	1983	4.49	2.84E-207	Lower
246-01	0.963	0.248	0.98	255	1983	5.12	7.28E-207	Middle
246-01	1.126	-0.165	0.83	258	1983	60.88	6.29E-99	Upper
247-02	0.582	0.743	0.82	172	1993	8.17	7.93E-66	Lower
247-02	0.713	0.466	0.84	171	1993	10.96	6.25E-69	Middle
247-02	0.817	0.167	0.72	182	1993	31.10	9.83E-52	Upper
247-03	0.794	0.612	0.94	90	1988	2.60	2.85E-55	Lower
247-03	0.901	0.339	0.93	87	1988	3.51	3.84E-52	Middle
247-03	0.998	0.075	0.89	95	1988	8.33	5.07E-46	Upper
248-03	0.962	0.536	0.99	105	1980	1.16	4.75E-100	Lower
248-03	0.964	0.347	0.99	104	1980	0.52	3.91E-116	Middle
248-03	1.047	0.086	0.92	110	1980	9.58	1.10E-61	Upper
250-01	0.870	0.465	0.96	231	1988	5.07	1.53E-156	Lower
250-01	0.852	0.268	0.95	233	1986	5.78	1.26E-149	Middle
250-01	0.910	0.002	0.90	243	1989	13.00	1.23E-124	Upper
250-04	1.031	0.189	0.99	75	1988	1.03	2.10E-72	Lower
250-04	1.008	0.088	1.00	74	1986	0.07	4.89E-113	Middle
250-04	0.998	-0.025	0.92	78	1986	7.73	8.49E-43	Upper
253-04	0.974	0.349	0.98	35	1994	0.78	3.62E-30	Lower
253-04	1.056	0.149	0.99	35	1982	0.28	1.79E-38	Middle
253-04	1.042	0.026	0.93	38	1982	3.95	4.94E-22	Upper
254-02	1.029	0.245	0.98	50	1989	1.27	1.23E-40	Lower
254-02	1.022	0.103	1.00	50	1989	0.03	1.01E-77	Middle
254-02	1.029	-0.042	0.88	55	1989	7.60	2.11E-26	Upper
254-03	0.989	0.222	0.97	80	1989	3.10	2.94E-61	Lower
254-03	0.984	0.068	0.99	79	1989	1.01	1.39E-78	Middle
254-03	1.339	-0.539	0.82	84	1975	43.89	7.26E-32	Upper
255-02	0.983	0.061	1.00	15	1975	0.06	4.47E-18	Lower
255-02	0.943	0.018	1.00	17	1975	0.06	1.09E-20	Middle
255-02	1.362	-0.641	0.84	18	1976	8.96	7.25E-08	Upper
256-04	1.010	0.115	1.00	49	1974	0.29	3.15E-58	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
256-04	0.944	0.020	1.00	48	1985	0.15	1.13E-61	Middle
256-04	1.323	-0.645	0.83	52	1974	26.37	4.03E-21	Upper
256-05	1.025	0.210	0.99	61	1984	0.87	1.52E-59	Lower
256-05	1.021	0.102	1.00	60	1984	0.01	1.89E-112	Middle
256-05	0.984	0.062	1.00	64	1984	0.08	2.09E-93	Upper
260-06	0.831	1.085	0.95	29	1995	0.59	1.59E-19	Lower
260-06	0.856	0.912	0.97	29	1995	0.47	1.84E-21	Middle
261-03	0.627	0.834	0.82	83	1995	4.54	1.44E-31	Lower
261-03	0.673	0.629	0.88	82	1995	3.06	1.17E-38	Middle
261-03	0.740	0.379	0.83	93	1995	6.49	3.91E-37	Upper
261-04	0.809	0.649	0.93	266	1986	10.56	1.52E-152	Lower
261-04	1.034	0.237	0.70	262	1986	94.19	2.01E-69	Middle
261-04	1.420	-0.334	0.64	273	1986	235.98	1.63E-62	Upper
261-05	0.740	0.820	0.92	119	1986	4.31	4.07E-67	Lower
261-05	0.894	0.609	0.90	116	1986	8.19	4.49E-59	Middle
261-05	1.116	0.319	0.82	124	1986	27.61	1.17E-46	Upper
262-01	0.867	0.407	0.94	163	1984	8.22	1.75E-98	Lower
262-01	0.917	0.124	0.95	165	1984	6.80	1.02E-109	Middle
262-01	1.244	-0.447	0.80	177	1984	68.06	2.51E-62	Upper
262-02	0.763	1.230	0.88	9	1991	0.49	2.11E-04	Lower
262-02	0.860	0.846	0.98	7	1991	0.08	2.15E-05	Middle
265-01	1.017	0.339	0.99	21	1981	0.34	5.99E-20	Lower
265-01	1.054	0.139	1.00	23	1981	0.10	2.30E-28	Middle
265-01	1.131	-0.086	0.87	25	1976	6.87	1.50E-11	Upper
265-02	1.007	0.238	0.99	23	1985	0.40	1.30E-21	Lower
265-02	0.991	0.070	1.00	24	1978	0.00	2.01E-45	Middle
265-02	0.952	0.029	0.99	26	1978	0.22	1.20E-27	Upper
282-02	0.523	0.959	0.78	42	1994	1.96	1.07E-14	Lower
282-02	0.537	0.820	0.77	42	1994	2.15	1.83E-14	Middle
282-02	0.798	0.420	0.76	50	1994	5.95	2.42E-16	Upper
296-03	1.908	-0.895	0.97	9	1983	0.50	9.29E-07	Upper
315-03	0.915	-0.008	0.99	134	1983	0.84	1.23E-134	Lower
315-03	1.270	-0.618	0.88	134	1983	22.62	1.80E-61	Middle
315-03	1.638	-1.211	0.99	140	1983	2.28	7.49E-147	Upper
353-03	1.000	0.086	0.99	41	1978	0.19	1.45E-45	Lower
353-03	0.951	0.031	1.00	37	1978	0.05	5.30E-49	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
353-03	0.897	-0.026	0.99	47	1978	0.19	1.66E-51	Upper
380-03	0.576	1.114	0.85	14	1994	0.48	2.59E-06	Lower
380-03	0.549	0.951	0.87	12	1994	0.31	9.65E-06	Middle
380-03	0.793	0.660	0.82	22	1994	1.74	8.11E-09	Upper
384-02	1.006	0.278	0.98	73	1984	2.11	1.07E-58	Lower
384-02	0.989	0.067	1.00	74	1988	0.10	4.68E-106	Middle
384-02	1.030	-0.151	0.84	76	1984	17.59	7.06E-31	Upper
392-03	0.962	0.358	0.99	6	1981	0.06	6.41E-05	Lower
392-03	1.003	0.237	0.99	7	1981	0.07	2.54E-06	Middle
392-03	1.003	0.091	1.00	12	1981	0.03	1.75E-13	Upper
407-05	0.933	0.365	0.94	54	1989	1.74	2.42E-34	Lower
407-05	0.979	0.121	0.99	52	1989	0.48	1.71E-47	Middle
407-05	0.924	0.040	0.96	60	1989	1.31	1.46E-42	Upper
414-03	0.897	0.153	0.90	20	2001	1.51	1.59E-10	Lower
414-03	0.931	0.004	1.00	20	1991	0.00	2.57E-33	Middle
414-03	1.444	-0.496	0.75	24	1991	13.66	4.51E-08	Upper
836-13	0.580	1.090	0.74	17	1972	1.60	9.08E-06	Lower
836-13	0.825	0.831	0.75	14	1972	2.18	6.63E-05	Middle
836-13	1.337	-0.223	0.56	23	1972	26.69	3.99E-05	Upper
837-04	1.342	-0.329	0.58	12	1973	12.68	3.78E-03	Upper
840-36	0.981	0.710	1.00	6	1984	0.02	3.17E-06	Lower
840-36	1.012	0.393	1.00	5	1984	0.00	1.08E-05	Middle
840-36	0.983	0.362	1.00	9	1984	0.00	1.52E-16	Upper
840-43	0.940	0.014	1.00	22	1951	0.07	5.01E-28	Lower
840-43	1.245	-0.656	0.88	22	1951	8.07	1.22E-10	Middle
840-43	1.548	-1.329	1.00	25	1951	0.12	3.12E-35	Upper
848-01	0.845	0.543	0.92	43	1982	2.23	4.09E-24	Lower
848-01	1.003	0.156	0.96	47	1982	1.52	2.56E-33	Middle
848-01	1.025	-0.185	0.83	49	1982	8.83	1.89E-19	Upper
848-15	0.708	0.682	0.77	88	1984	8.36	2.11E-29	Lower
848-15	0.907	0.312	0.88	89	1984	6.46	6.75E-42	Middle
848-15	1.059	0.003	0.73	93	1984	25.16	2.13E-27	Upper
853-33	0.532	1.101	0.85	5	1982	0.25	2.68E-02	Lower
853-33	0.992	0.411	0.85	7	1982	1.37	3.03E-03	Middle
853-33	1.807	-1.055	0.74	11	1982	12.31	6.94E-04	Upper
853-36	0.686	0.683	0.94	25	1981	0.70	3.57E-15	Lower

$$\mathrm{RI} = 10^{b} \cdot \left(\mathrm{SA}\right)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-36	0.898	0.398	0.94	23	1981	1.12	1.83E-14	Middle
853-36	0.981	0.210	0.93	32	1981	1.95	9.92E-19	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	1.020	0.226	0.97	47	1996	0.80	3.05E-35	Lower
001-01	0.863	-0.006	0.93	46	1996	1.29	1.56E-26	Middle
001-01	0.546	-0.268	0.61	51	1996	4.96	1.60E-11	Upper
001-03	1.833	-1.232	0.70	247	1955	263.54	1.46E-66	Middle
001-03	1.686	-1.488	0.73	258	1957	206.17	5.20E-74	Upper
001-04	0.947	0.086	0.89	64	1955	4.91	7.12E-32	Lower
001-04	0.831	-0.038	0.92	60	1955	2.82	6.57E-33	Middle
001-04	1.052	-0.695	0.69	72	1955	26.12	2.11E-19	Upper
001-06	1.352	-0.516	0.84	326	1971	119.47	9.06E-132	Lower
001-06	1.613	-1.368	0.93	328	1971	71.80	5.81E-187	Middle
001-06	1.426	-1.569	0.91	344	1971	74.06	7.82E-179	Upper
001-07	0.972	0.083	0.98	171	1970	3.27	1.48E-142	Lower
001-07	0.934	-0.096	0.90	165	1952	14.19	1.05E-84	Middle
001-07	1.589	-1.213	0.94	188	1952	27.45	2.40E-114	Upper
001-08	0.958	0.023	0.97	117	1947	3.35	2.06E-89	Lower
001-08	1.515	-0.773	0.91	122	1947	27.84	5.49E-64	Middle
001-08	1.700	-1.170	0.99	124	1947	3.65	1.88E-123	Upper
002-01	0.877	-0.050	0.98	21	1947	0.27	2.39E-18	Lower
002-01	1.641	-1.204	0.99	25	1947	0.59	1.47E-24	Middle
002-01	1.534	-1.316	0.97	30	1947	2.12	1.71E-22	Upper
002-03	1.459	-0.851	0.82	352	1947	193.24	1.18E-133	Lower
002-03	1.691	-1.497	0.87	345	1947	172.35	2.45E-156	Middle
002-03	1.608	-1.592	0.87	367	1947	165.40	2.49E-164	Upper
002-04	1.328	-0.537	0.84	213	1947	61.41	7.73E-87	Lower
002-04	1.658	-1.121	0.98	217	1947	11.68	1.48E-180	Middle
002-04	1.519	-1.251	0.95	222	1947	25.30	9.54E-142	Upper
002-05	1.470	-0.800	0.92	224	1947	44.73	1.64E-122	Lower
002-05	1.653	-1.224	0.99	225	1954	4.58	4.57E-241	Middle
002-05	1.553	-1.330	0.98	229	1947	8.71	6.35E-209	Upper
003-02	0.652	0.522	0.83	86	1947	7.25	6.85E-34	Lower
003-02	1.046	-0.051	0.73	84	1947	32.66	4.49E-25	Middle
003-02	1.687	-1.013	0.90	94	1953	27.42	2.06E-48	Upper
003-03	0.770	0.049	0.64	224	1947	75.24	1.85E-51	Lower
003-03	1.560	-1.066	0.90	229	1947	66.11	1.63E-113	Middle
003-03	1.447	-1.568	0.83	231	1947	104.52	9.38E-89	Upper
003-04	1.103	-0.407	0.81	46	1947	12.61	1.41E-17	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-04	1.659	-1.185	0.98	48	1947	2.13	1.39E-42	Middle
003-04	1.464	-1.351	0.91	57	1947	10.97	2.31E-30	Upper
003-05	0.941	0.347	0.95	156	1947	7.00	1.07E-99	Lower
003-05	1.037	-0.159	0.62	154	1947	91.47	8.10E-34	Middle
003-05	1.851	-1.338	0.83	165	1971	103.12	1.53E-64	Upper
003-07	1.081	0.147	0.88	135	1972	14.10	1.19E-63	Lower
003-07	1.418	-0.343	0.87	133	1972	28.22	5.79E-59	Middle
003-07	1.827	-1.045	0.94	143	1972	19.00	6.04E-90	Upper
003-08	1.112	0.048	0.68	61	1972	32.84	4.66E-16	Lower
003-08	1.439	-0.496	0.71	67	1972	48.17	5.78E-19	Middle
003-08	1.809	-1.144	0.88	71	1972	28.08	2.56E-33	Upper
004-01	0.602	0.167	0.68	12	1953	2.99	1.01E-03	Lower
004-01	1.224	-1.102	0.79	10	1953	5.96	5.90E-04	Middle
004-01	1.310	-1.330	0.81	23	1949	12.19	6.39E-09	Upper
004-04	1.074	0.257	0.97	70	1978	1.79	6.76E-53	Lower
004-04	1.021	0.109	0.97	79	1978	1.94	2.31E-58	Middle
004-04	1.128	-0.371	0.76	82	1978	21.49	1.83E-26	Upper
004-05	1.875	-1.639	0.74	6	1962	5.61	2.79E-02	Middle
004-05	1.574	-1.696	0.77	9	1962	6.51	1.89E-03	Upper
004-08	1.122	-0.676	0.65	178	1948	142.75	2.53E-42	Lower
004-08	1.535	-1.373	0.89	179	1948	62.78	5.34E-87	Middle
004-08	1.431	-1.506	0.87	200	1948	73.94	3.33E-88	Upper
005-01	0.685	1.212	0.84	36	1948	1.54	5.43E-15	Lower
005-01	0.592	0.944	0.72	35	1948	2.33	1.52E-10	Middle
005-07	0.671	0.864	0.76	19	2001	1.88	9.73E-07	Lower
005-07	0.727	0.745	0.79	21	2001	2.06	6.76E-08	Middle
005-07	0.973	0.197	0.58	27	1950	16.61	3.62E-06	Upper
007-04	0.942	0.140	0.95	106	1970	3.65	5.15E-68	Lower
007-04	1.082	-0.249	0.85	106	1954	14.88	4.90E-44	Middle
007-04	1.585	-1.211	0.91	114	1952	19.40	4.04E-60	Upper
007-05	1.629	-0.312	0.80	114	1997	60.93	2.34E-40	Lower
007-05	1.974	-0.865	1.00	114	1997	1.10	5.61E-142	Middle
007-05	1.639	-1.229	0.98	117	1997	4.49	3.39E-102	Upper
007-06	0.677	0.450	0.86	91	1955	6.47	2.36E-39	Lower
007-06	1.314	-0.308	0.65	89	1955	78.04	1.50E-21	Middle
007-06	1.736	-0.863	0.85	97	1955	50.51	1.54E-40	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-07	0.352	0.589	0.57	111	1999	10.78	1.42E-21	Lower
007-07	0.816	-0.220	0.52	107	1999	67.92	1.16E-18	Middle
007-07	1.201	-1.067	0.73	118	1951	62.56	3.11E-35	Upper
007-08	0.634	0.669	0.74	158	1953	17.44	4.09E-48	Lower
007-08	0.801	0.321	0.82	156	1953	17.12	1.35E-59	Middle
007-08	0.868	-0.053	0.72	169	1953	38.37	1.19E-48	Upper
008-05	1.134	0.149	0.53	306	1955	276.54	2.71E-52	Lower
008-05	1.233	-0.143	0.59	305	1947	256.83	1.00E-60	Middle
008-05	1.944	-1.124	0.88	315	1955	132.59	1.20E-144	Upper
008-06	1.055	0.135	0.98	172	1947	2.43	6.20E-157	Lower
008-06	0.990	0.070	0.98	174	1947	3.51	1.68E-141	Middle
008-06	1.015	-0.258	0.79	180	1947	41.42	1.17E-61	Upper
008-07	0.863	-0.062	0.97	34	1967	0.67	1.15E-26	Lower
008-07	1.418	-0.796	0.86	37	1967	11.43	2.93E-16	Middle
008-07	1.669	-1.193	1.00	39	1967	0.37	1.08E-46	Upper
008-09	0.905	-0.076	0.55	159	1958	121.67	9.89E-29	Lower
008-09	1.734	-1.311	0.83	165	1958	110.55	5.58E-65	Middle
008-09	1.626	-1.504	0.85	175	1958	92.58	3.12E-72	Upper
010-03	0.900	0.091	0.89	60	1971	5.91	3.70E-29	Lower
010-03	1.763	-1.199	0.89	61	1950	22.80	1.14E-29	Middle
010-03	1.718	-1.388	0.91	69	1950	19.18	3.13E-36	Upper
012-06	0.956	0.187	0.95	210	1972	10.98	1.61E-136	Lower
012-06	0.926	0.025	0.89	211	1972	24.20	1.63E-101	Middle
012-06	1.162	-0.600	0.70	224	1972	136.09	8.62E-60	Upper
012-08	0.776	0.877	0.90	85	1972	4.12	7.09E-44	Lower
012-08	1.000	0.588	0.92	88	1972	5.93	4.75E-48	Middle
012-08	1.160	0.221	0.77	90	1972	27.14	1.03E-29	Upper
012-09	1.915	-0.951	0.99	13	1970	0.19	9.49E-14	Lower
012-09	1.811	-1.044	0.99	10	1970	0.12	3.41E-10	Middle
012-09	1.681	-1.137	0.97	18	1970	0.98	5.40E-14	Upper
012-10	1.958	-0.919	0.99	30	1971	0.75	1.17E-29	Lower
012-10	1.840	-1.015	0.99	32	1971	0.42	3.00E-35	Middle
012-10	1.714	-1.112	0.98	35	1971	1.16	7.90E-31	Upper
012-11	2.381	-1.162	0.72	246	1976	334.29	1.47E-68	Middle
012-11	2.218	-1.281	0.71	247	1969	295.51	1.94E-68	Upper
012-12	0.828	0.812	0.93	22	1966	0.56	3.13E-13	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-12	1.000	0.532	0.90	22	1966	1.31	2.42E-11	Middle
012-12	1.998	-0.463	0.86	30	1966	9.10	1.10E-13	Upper
012-13	0.966	0.160	0.95	10	1951	0.27	1.67E-06	Lower
012-13	1.393	-0.652	0.72	13	1961	9.04	2.23E-04	Middle
012-13	1.488	-1.193	0.87	19	1970	6.54	4.34E-09	Upper
013-08	0.460	0.890	0.75	6	1975	0.43	2.55E-02	Lower
013-08	0.428	0.764	0.71	6	1975	0.47	3.65E-02	Middle
013-08	1.260	-0.816	0.55	9	1975	11.84	2.15E-02	Upper
013-09	0.830	0.482	0.91	166	1954	9.71	1.83E-87	Lower
013-09	0.980	0.133	0.93	171	1954	11.03	1.36E-97	Middle
013-09	1.525	-0.760	0.78	181	1954	97.30	3.05E-61	Upper
013-11	0.620	1.027	0.65	64	1993	7.87	1.24E-15	Lower
013-11	0.786	0.508	0.83	64	1993	4.55	8.94E-26	Middle
013-11	1.131	-0.209	0.50	69	1993	51.17	1.10E-11	Upper
016-05	1.186	-0.361	0.58	29	1966	33.32	1.46E-06	Lower
016-05	1.682	-1.179	0.81	30	1966	21.98	1.89E-11	Middle
016-05	1.698	-1.552	0.89	35	1966	14.36	4.14E-17	Upper
017-04	1.340	-0.474	0.85	137	1985	35.43	2.61E-58	Lower
017-04	1.736	-1.125	0.99	137	1947	3.75	4.52E-135	Middle
017-04	1.555	-1.286	0.95	149	1947	15.14	4.24E-98	Upper
018-03	0.942	0.022	0.99	18	1981	0.08	8.53E-19	Lower
018-03	0.895	-0.031	1.00	20	1981	0.03	3.50E-25	Middle
018-03	1.216	-0.665	0.83	23	1981	5.55	1.84E-09	Upper
020-30	0.813	0.128	0.93	7	1951	0.33	4.58E-04	Middle
020-30	0.869	0.028	0.90	9	1951	0.54	8.59E-05	Upper
021-03	0.908	0.006	0.91	7	1972	0.58	7.57E-04	Middle
021-03	0.688	-0.208	0.60	9	1972	2.64	1.44E-02	Upper
021-04	0.768	0.380	0.88	44	1971	3.14	2.61E-21	Lower
021-04	0.885	0.003	0.95	42	1971	1.54	4.19E-28	Middle
021-04	1.313	-0.951	0.61	49	1971	48.48	2.70E-11	Upper
021-30	1.794	-1.514	0.75	12	1971	10.73	2.91E-04	Upper
025-08	1.175	-0.287	0.51	105	1962	115.77	8.03E-18	Lower
025-08	1.631	-1.009	0.71	108	1960	99.59	3.89E-30	Middle
025-08	1.799	-1.397	0.85	113	1960	54.46	3.85E-47	Upper
026-09	1.404	-0.824	0.91	74	1951	15.58	1.14E-38	Lower
026-09	1.568	-1.312	0.99	72	1951	1.63	6.61E-74	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-09	1.438	-1.390	0.96	83	1951	7.67	7.50E-57	Upper
026-10	0.945	-0.254	0.78	80	1967	21.61	2.62E-27	Lower
026-10	1.509	-1.183	0.90	80	1967	20.67	2.52E-41	Middle
026-10	1.447	-1.255	0.91	85	1967	19.71	2.69E-44	Upper
027-03	0.975	0.036	0.99	15	1972	0.13	5.23E-14	Lower
027-03	0.932	-0.007	0.99	14	1972	0.10	3.22E-13	Middle
027-03	1.746	-1.118	1.00	20	1972	0.13	1.65E-24	Upper
027-06	0.902	0.221	0.90	18	1972	1.55	2.93E-09	Lower
027-06	0.983	0.085	0.94	16	1972	0.86	9.54E-10	Middle
027-06	1.152	-0.345	0.72	26	1972	11.45	3.75E-08	Upper
028-02	1.447	-1.005	0.87	28	1970	10.98	8.11E-13	Lower
028-02	1.599	-1.271	0.99	28	1970	0.92	3.83E-27	Middle
028-02	1.555	-1.318	0.99	31	1970	0.86	6.34E-31	Upper
028-03	1.786	-1.456	0.82	48	1970	32.35	9.03E-19	Middle
028-03	1.715	-1.497	0.83	52	1970	30.42	4.40E-21	Upper
028-04	0.720	0.348	0.81	271	1984	31.94	2.89E-98	Lower
028-04	1.271	-0.418	0.73	271	1984	154.43	1.23E-78	Middle
028-04	1.610	-1.144	0.91	279	1984	67.37	8.52E-148	Upper
031-03	0.714	0.310	0.83	66	1954	6.09	4.53E-26	Lower
031-03	1.686	-0.725	0.86	65	1971	26.98	2.07E-28	Middle
031-03	1.662	-1.242	0.82	71	1971	36.32	1.40E-27	Upper
033-02	1.261	-0.636	0.82	5	1975	2.11	3.55E-02	Lower
033-02	1.588	-1.279	0.99	4	1975	0.09	4.89E-03	Middle
033-02	1.588	-1.282	0.99	8	1975	0.24	3.43E-07	Upper
036-01	1.083	0.334	0.92	50	1995	3.37	2.44E-28	Lower
036-01	2.048	-0.749	0.97	51	2000	4.43	2.21E-39	Middle
036-01	1.846	-0.944	0.93	55	2000	9.21	4.56E-33	Upper
036-02	1.126	-0.303	0.76	105	1990	34.44	2.91E-33	Lower
036-02	1.727	-1.154	0.88	109	1990	32.78	8.29E-52	Middle
036-02	1.581	-1.451	0.78	113	1990	60.36	9.15E-39	Upper
037-02	0.906	0.455	0.82	224	1982	30.22	5.90E-85	Lower
037-02	1.453	-0.800	0.51	225	1983	344.61	1.46E-36	Middle
037-02	1.570	-1.695	0.58	232	1983	310.16	1.05E-45	Upper
037-03	1.043	0.149	0.98	45	1981	0.84	1.66E-38	Lower
037-03	0.972	0.039	0.99	49	1981	0.61	1.03E-44	Middle
037-03	0.854	-0.077	0.92	50	1981	2.62	1.98E-28	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
037-04	0.973	0.014	0.92	113	1987	6.88	6.39E-63	Lower
037-04	1.687	-1.016	0.96	111	1987	10.09	1.09E-77	Middle
037-04	1.582	-1.264	0.96	118	1987	9.58	6.45E-82	Upper
041-01	1.500	-0.730	0.90	26	1982	6.06	2.16E-13	Lower
041-01	1.735	-1.137	0.99	24	1983	0.53	7.35E-25	Middle
041-01	1.586	-1.272	0.95	35	1983	3.94	7.46E-23	Upper
043-05	0.947	0.346	0.96	24	1993	0.60	1.64E-16	Lower
043-05	0.975	0.067	0.98	23	1993	0.23	4.37E-20	Middle
044-02	0.850	0.642	0.88	264	1978	22.79	1.97E-121	Lower
044-02	1.042	0.137	0.82	262	1992	55.91	1.88E-97	Middle
044-02	1.607	-1.077	0.62	272	1978	370.22	2.42E-58	Upper
044-03	1.629	-1.274	0.70	156	1979	190.42	1.58E-42	Lower
044-03	1.730	-1.547	0.80	157	1979	128.70	8.24E-56	Middle
044-03	1.609	-1.640	0.80	164	1980	114.89	1.55E-58	Upper
045-01	1.646	-1.569	0.65	259	1975	331.62	7.83E-60	Middle
045-01	1.530	-1.677	0.65	266	1986	286.71	1.51E-62	Upper
045-02	0.912	0.010	0.95	47	1972	2.59	4.45E-30	Lower
045-02	1.383	-0.757	0.83	44	1972	20.73	1.52E-17	Middle
045-02	1.649	-1.211	0.98	52	1972	3.95	4.03E-42	Upper
046-04	1.463	-1.014	0.91	35	1946	7.47	3.86E-19	Lower
046-04	1.574	-1.292	0.99	37	1946	1.29	1.09E-34	Middle
046-04	1.497	-1.369	0.98	39	1946	2.25	1.38E-31	Upper
050-05	0.977	0.040	0.97	68	1986	1.76	2.79E-50	Lower
050-05	0.870	-0.060	0.97	68	1986	1.19	1.73E-52	Middle
050-05	1.241	-0.810	0.79	73	1986	23.72	1.73E-25	Upper
050-07	0.911	0.669	0.97	22	1988	0.31	3.19E-17	Lower
050-07	0.962	0.490	0.99	24	1988	0.16	9.86E-23	Middle
050-07	0.845	0.225	0.87	26	1988	1.74	4.40E-12	Upper
051-02	0.472	0.718	0.61	160	1958	26.54	2.02E-34	Lower
051-02	1.126	-0.208	0.60	161	1981	158.32	1.56E-33	Middle
051-02	1.506	-1.026	0.78	167	1958	124.11	2.49E-56	Upper
051-03	1.030	0.972	0.95	158	1983	4.86	4.42E-105	Lower
051-03	1.119	0.588	0.96	161	1983	5.16	3.35E-111	Middle
051-03	1.166	0.081	0.70	162	1994	54.80	8.84E-44	Upper
051-04	0.574	0.707	0.65	46	1981	8.51	1.29E-11	Lower
051-04	1.208	-0.165	0.59	50	1981	51.86	8.12E-11	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
051-04	1.733	-0.930	0.83	55	1981	35.74	4.48E-22	Upper
051-05	1.177	-0.758	0.62	112	1972	128.48	1.29E-24	Lower
051-05	1.518	-1.569	0.92	114	1972	28.80	1.61E-64	Middle
051-05	1.434	-1.664	0.92	118	1972	27.25	5.97E-66	Upper
051-06	1.566	-1.040	0.92	101	1975	29.68	5.96E-56	Lower
051-06	1.586	-1.277	0.99	102	1975	3.69	1.05E-100	Middle
051-06	1.464	-1.415	0.99	109	1975	2.61	1.39E-113	Upper
051-07	1.377	-0.460	0.79	176	1992	68.01	5.10E-60	Lower
051-07	1.711	-0.962	0.91	179	1974	38.56	1.20E-94	Middle
051-07	1.542	-1.110	0.89	188	1992	40.62	1.39E-91	Upper
052-01	1.751	-0.901	0.80	269	1986	181.34	1.93E-96	Lower
052-01	1.869	-1.292	0.91	269	1986	87.93	1.98E-139	Middle
052-01	1.664	-1.476	0.89	275	1986	83.53	2.04E-133	Upper
052-02	1.468	-0.584	0.88	112	1988	24.94	4.51E-52	Lower
052-02	1.741	-1.109	0.99	114	1988	1.89	8.46E-122	Middle
052-02	1.576	-1.250	0.95	117	1988	10.27	4.85E-79	Upper
052-03	1.534	-0.810	0.91	190	1978	45.14	1.62E-101	Lower
052-03	1.661	-1.216	0.99	188	1978	6.94	1.32E-178	Middle
052-03	1.547	-1.333	0.98	195	1978	10.26	5.20E-165	Upper
052-04	1.790	-0.620	0.74	60	1981	52.93	9.71E-19	Upper
052-05	1.342	-1.185	0.84	58	1972	27.56	9.29E-24	Lower
052-05	1.415	-1.545	0.92	60	1972	13.28	6.01E-34	Middle
052-05	1.375	-1.604	0.94	62	1972	9.14	2.35E-39	Upper
052-07	1.650	-1.226	0.99	102	1982	4.45	5.44E-94	Lower
052-07	1.597	-1.283	0.99	100	1982	3.45	7.31E-96	Middle
052-07	1.538	-1.345	0.99	105	1982	2.68	1.63E-105	Upper
052-08	1.166	-0.554	0.60	138	1978	155.07	8.05E-29	Lower
052-08	1.651	-1.394	0.92	137	1975	40.71	1.20E-75	Middle
052-08	1.454	-1.604	0.91	142	1975	35.96	1.23E-75	Upper
052-30	0.942	0.026	0.97	96	1993	1.68	2.57E-73	Lower
052-30	1.227	-0.380	0.74	98	1993	32.51	4.80E-30	Middle
052-30	1.878	-0.890	0.97	102	1991	7.71	8.05E-77	Upper
053-01	1.230	-0.650	0.82	50	1989	22.30	9.42E-20	Lower
053-01	1.604	-1.235	0.98	52	1966	4.40	2.96E-42	Middle
053-01	1.487	-1.359	0.98	59	1983	3.98	1.87E-48	Upper
053-02	1.014	0.152	0.99	85	1980	1.29	3.58E-81	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-02	0.934	0.008	0.99	85	1979	0.45	7.02E-97	Middle
053-02	1.125	-0.515	0.80	90	1979	33.08	8.73E-33	Upper
053-04	0.880	-0.049	1.00	21	1974	0.01	1.54E-32	Lower
053-04	1.318	-0.719	0.87	20	1974	6.93	2.09E-09	Middle
053-04	1.574	-1.298	0.98	25	1974	1.26	2.84E-22	Upper
053-05	0.873	0.440	0.96	57	1993	0.50	1.37E-39	Lower
053-05	0.883	0.213	0.94	53	1993	0.71	4.27E-33	Middle
053-05	0.922	-0.282	0.58	63	1993	11.35	3.40E-13	Upper
053-06	0.615	0.468	0.54	203	1983	67.13	2.28E-35	Middle
053-06	1.367	-0.528	0.68	209	1983	187.80	1.43E-52	Upper
053-07	0.807	0.305	0.93	341	1981	17.60	2.31E-202	Lower
053-07	1.154	-0.403	0.68	333	1981	236.63	4.97E-84	Middle
053-07	1.651	-1.572	0.83	352	1970	219.83	1.50E-136	Upper
053-08	1.951	-0.741	0.87	16	1957	3.72	1.14E-07	Lower
053-08	1.906	-0.942	1.00	14	1957	0.02	5.64E-19	Middle
053-08	1.716	-1.145	0.99	19	1957	0.20	4.50E-20	Upper
054-01	1.664	-1.468	0.68	22	1990	21.27	2.22E-06	Upper
054-04	1.633	-0.923	0.95	276	1980	32.66	2.30E-182	Lower
054-04	1.685	-1.181	1.00	276	1980	0.72		Middle
054-04	1.555	-1.309	0.98	284	1982	15.05	7.31E-229	Upper
054-05	1.164	-0.218	0.79	166	1983	65.79	1.41E-57	Lower
054-05	1.761	-1.073	0.99	167	1983	4.07	2.36E-179	Middle
054-05	1.652	-1.216	1.00	170	1983	0.68	2.55E-243	Upper
055-04	0.948	-0.525	0.78	175	1995	62.49	5.70E-59	Lower
055-04	1.337	-1.353	0.93	179	1951	33.91	2.49E-104	Middle
055-04	1.287	-1.662	0.87	183	1951	60.61	1.89E-83	Upper
055-05	0.873	0.284	0.92	100	1995	5.19	1.55E-56	Lower
055-05	0.879	-0.015	0.97	101	1995	2.30	8.42E-75	Middle
055-05	1.036	-0.447	0.68	108	1995	46.66	6.83E-28	Upper
055-06	1.367	-0.893	0.62	115	1984	141.48	1.27E-25	Middle
055-06	1.672	-1.421	0.83	123	1984	77.38	6.31E-48	Upper
055-07	0.975	0.055	0.98	128	1982	2.09	2.21E-112	Lower
055-07	1.313	-0.522	0.86	129	1983	34.67	1.50E-55	Middle
055-07	1.654	-1.205	0.97	135	1983	9.95	1.72E-105	Upper
056-01	1.018	0.273	0.91	35	1985	3.27	1.23E-18	Lower
056-01	0.928	0.001	0.98	33	1985	0.48	1.59E-28	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
056-01	1.613	-0.950	0.87	39	1985	12.88	2.93E-18	Upper
056-02	0.964	0.087	0.97	89	1985	2.03	1.30E-68	Lower
056-02	0.867	-0.033	0.94	94	1985	3.70	3.23E-57	Middle
056-02	0.799	-0.280	0.71	98	1985	20.74	3.35E-27	Upper
056-03	0.725	0.241	0.91	160	1980	8.68	2.72E-86	Lower
056-03	0.779	-0.098	0.88	157	1980	14.84	3.16E-72	Middle
056-03	1.432	-1.194	0.86	169	1981	62.73	2.46E-72	Upper
057-01	1.041	0.122	0.98	114	1990	1.71	2.43E-96	Lower
057-01	0.965	-0.024	0.91	115	1990	7.44	7.24E-60	Middle
057-01	1.728	-1.035	0.92	119	1990	19.37	3.74E-67	Upper
057-02	0.674	0.503	0.84	161	1976	11.77	8.87E-66	Lower
057-02	0.960	0.021	0.68	163	1976	59.60	3.44E-42	Middle
057-02	1.583	-0.914	0.81	169	1976	85.76	7.44E-62	Upper
057-03	0.871	0.296	0.62	42	1991	13.28	5.02E-10	Lower
057-03	0.851	-0.001	0.60	43	1991	13.38	1.32E-09	Middle
057-03	1.079	-0.685	0.52	50	1986	35.88	3.82E-09	Upper
059-01	1.328	-1.280	0.91	46	1950	13.62	4.02E-25	Lower
059-01	1.374	-1.514	0.99	44	1959	1.35	9.46E-45	Middle
059-01	1.291	-1.561	0.97	53	1950	4.39	1.87E-41	Upper
059-02	1.749	-1.569	0.68	10	1987	9.11	3.34E-03	Upper
059-30	1.016	-0.007	0.76	28	1986	9.38	1.41E-09	Lower
059-30	1.753	-0.800	0.93	28	1986	6.88	1.20E-16	Middle
059-30	1.776	-1.198	0.93	33	1986	8.34	3.43E-19	Upper
060-01	0.733	-0.130	0.62	16	1967	6.95	3.05E-04	Lower
060-01	1.344	-1.286	0.89	19	1967	5.79	1.50E-09	Middle
060-01	1.296	-1.321	0.79	31	1955	13.46	2.72E-11	Upper
060-03	1.324	-0.266	0.86	67	1984	16.55	1.78E-29	Lower
060-03	1.851	-1.038	0.98	66	1984	3.72	1.22E-56	Middle
060-03	1.651	-1.233	0.94	72	1984	10.75	1.39E-44	Upper
060-04	0.953	0.028	0.99	78	1990	0.56	1.71E-80	Lower
060-04	1.382	-0.534	0.78	78	1990	39.05	1.19E-26	Middle
060-04	1.838	-1.016	1.00	83	1990	1.27	1.53E-95	Upper
064-04	0.843	0.469	0.95	112	1985	2.08	2.83E-75	Lower
064-04	0.736	0.205	0.92	111	1979	2.85	2.02E-61	Middle
064-04	0.445	0.004	0.51	117	1985	11.82	9.75E-20	Upper
064-05	1.661	-0.531	0.80	21	1997	11.62	5.06E-08	Lower

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
064-05	1.582	-1.264	0.94	20	1997	2.53	1.74E-12	Middle
064-05	1.507	-1.348	0.96	24	1997	1.91	1.39E-16	Upper
064-90	1.070	0.430	0.99	24	1979	0.12	1.54E-24	Lower
064-90	1.008	0.315	0.98	27	1979	0.25	5.96E-24	Middle
064-90	1.189	-0.138	0.64	29	1979	12.42	2.21E-07	Upper
065-04	0.931	0.099	0.97	40	1996	0.85	1.24E-30	Lower
065-04	1.849	-0.872	0.96	39	1996	4.31	1.09E-27	Middle
065-04	1.588	-1.240	0.94	44	1996	5.05	5.24E-28	Upper
065-05	0.978	0.395	0.94	22	1996	0.89	2.29E-13	Lower
065-05	0.833	0.141	0.91	22	1996	0.93	5.36E-12	Middle
065-05	1.399	-0.684	0.68	26	1996	14.60	2.32E-07	Upper
066-07	0.763	0.615	0.81	21	1995	1.64	2.54E-08	Lower
066-07	0.862	0.405	0.77	19	1995	2.31	8.20E-07	Middle
066-07	1.743	-0.464	0.73	26	1995	17.24	2.87E-08	Upper
069-02	1.264	0.235	0.63	23	1998	11.76	5.93E-06	Lower
102-02	1.215	-0.754	0.52	12	1975	19.44	8.33E-03	Lower
102-02	1.652	-1.552	0.81	12	1975	9.33	6.49E-05	Middle
102-02	1.513	-1.795	0.79	17	1975	11.83	2.11E-06	Upper
122-01	1.547	-1.011	0.60	26	1986	36.15	3.10E-06	Middle
122-01	1.749	-1.472	0.76	30	1986	25.79	2.85E-10	Upper
122-02	1.077	0.135	0.97	34	1986	1.02	2.04E-25	Lower
122-02	1.025	0.078	0.96	31	1986	1.04	1.11E-21	Middle
122-02	1.610	-0.780	0.91	39	1986	7.58	4.29E-21	Upper
128-03	1.407	-0.732	0.86	23	1983	8.05	1.94E-10	Lower
128-03	1.597	-1.278	1.00	23	1983	0.07	1.86E-32	Middle
128-03	1.519	-1.360	1.00	26	1983	0.04	1.33E-40	Upper
142-04	0.950	0.023	1.00	8	1989	0.02	9.77E-09	Lower
142-04	1.670	-0.711	0.90	12	1989	3.12	2.22E-06	Middle
142-04	1.814	-1.046	0.99	13	1989	0.21	1.20E-13	Upper
144-01	1.555	-0.980	0.92	79	1978	23.57	3.05E-43	Lower
144-01	1.642	-1.217	1.00	75	1978	0.72	3.56E-96	Middle
144-01	1.587	-1.355	0.97	83	1978	8.72	2.84E-63	Upper
152-02	1.874	-1.205	0.63	37	1995	37.56	4.32E-09	Upper
152-03	0.484	0.275	0.56	107	1975	18.62	1.13E-20	Lower
152-03	1.308	-0.645	0.63	101	1975	93.78	3.19E-23	Middle
152-03	1.515	-1.075	0.83	114	1975	55.45	2.81E-44	Upper

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
159-03	1.096	-0.471	0.69	155	1969	96.07	1.06E-40	Lower
159-03	1.525	-1.230	0.93	159	1987	30.27	5.50E-94	Middle
159-03	1.422	-1.369	0.95	166	1969	21.21	3.08E-106	Upper
167-01	1.089	-0.324	0.73	45	1993	18.40	6.38E-14	Lower
167-01	1.833	-0.952	0.97	43	1993	4.34	5.40E-32	Middle
167-01	1.639	-1.102	0.93	51	1993	9.22	1.03E-30	Upper
173-01	1.016	0.668	0.95	14	1983	0.39	3.59E-09	Lower
173-01	1.447	0.211	0.60	12	1983	7.45	2.92E-03	Middle
177-01	0.668	0.274	0.60	86	1986	33.47	3.43E-18	Lower
177-01	1.500	-1.064	0.85	82	1986	42.73	1.02E-34	Middle
177-01	1.378	-1.166	0.82	93	1966	47.98	7.13E-36	Upper
177-03	1.614	-1.294	0.97	8	1977	0.38	6.24E-06	Lower
177-03	1.362	-1.521	0.95	13	1977	0.97	1.62E-08	Upper
193-01	1.584	-0.382	0.50	14	1991	22.73	4.43E-03	Middle
193-01	2.023	-1.043	0.82	19	1991	11.23	8.76E-08	Upper
193-06	1.123	-1.991	0.85	5	1953	1.30	2.68E-02	Lower
193-06	1.077	-2.171	0.76	6	1953	2.14	2.41E-02	Middle
193-06	1.410	-1.685	0.75	10	1953	7.51	1.13E-03	Upper
196-04	0.777	-0.143	0.81	5	1982	0.88	3.81E-02	Lower
196-04	0.677	-0.247	0.82	6	1982	0.70	1.32E-02	Middle
196-04	1.624	-1.463	0.83	13	1985	6.21	1.34E-05	Upper
198-03	1.095	-0.309	0.82	8	1980	3.19	1.93E-03	Lower
198-03	1.728	-1.130	1.00	5	1969	0.02	1.64E-05	Middle
198-03	1.502	-1.273	0.95	16	1980	2.27	9.61E-11	Upper
200-02	1.448	-0.774	0.91	12	1975	2.79	1.62E-06	Lower
200-02	1.624	-1.242	0.98	12	1975	0.63	4.24E-10	Middle
200-02	1.493	-1.377	0.94	17	1975	2.47	1.04E-10	Upper
201-02	0.799	-0.087	0.95	112	1991	3.23	2.82E-72	Lower
201-02	1.520	-1.023	0.91	114	1991	21.17	1.27E-60	Middle
201-02	1.484	-1.231	0.90	121	1979	23.53	1.13E-61	Upper
207-03	1.677	-1.815	0.72	8	1956	6.80	7.35E-03	Upper
207-07	1.028	0.205	0.91	181	1990	14.66	7.62E-95	Lower
207-07	1.116	-0.131	0.83	179	1990	33.46	2.88E-70	Middle
207-07	1.651	-1.073	0.94	192	1987	23.68	8.30E-121	Upper
207-08	0.894	-0.023	0.94	17	1989	0.72	1.79E-10	Lower
207-08	1.544	-0.899	0.90	21	1989	4.46	5.94E-11	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
207-08	1.568	-1.237	0.93	25	1987	3.29	8.02E-15	Upper
212-02	0.839	0.511	0.91	74	1983	4.45	1.72E-39	Lower
212-02	1.004	-0.112	0.63	75	1983	38.01	1.53E-17	Middle
212-02	1.762	-1.322	0.77	79	1983	61.52	1.18E-26	Upper
212-03	0.826	0.201	0.89	107	1976	8.83	1.87E-51	Lower
212-03	1.555	-0.685	0.82	106	1976	52.19	5.27E-41	Middle
212-03	1.455	-1.673	0.73	113	1980	84.83	2.74E-33	Upper
219-03	1.223	-1.596	0.55	8	1978	11.74	3.62E-02	Lower
219-03	1.610	-1.542	0.84	7	1965	4.48	3.69E-03	Middle
219-03	1.537	-1.790	0.79	14	1965	11.08	2.19E-05	Upper
219-07	1.501	-1.375	0.99	66	1970	0.95	7.50E-75	Lower
219-07	1.429	-1.456	1.00	66	1984	0.27	6.50E-91	Middle
219-07	1.335	-1.554	1.00	69	1984	0.68	1.53E-80	Upper
224-01	1.425	-0.796	0.85	47	1978	21.49	1.86E-20	Lower
224-01	1.642	-1.228	1.00	46	1978	0.04	5.28E-82	Middle
224-01	1.575	-1.298	1.00	50	1978	0.21	3.55E-71	Upper
230-03	1.508	-1.087	0.92	28	1979	7.21	5.11E-16	Lower
230-03	1.494	-1.388	1.00	28	1979	0.05	1.95E-43	Middle
230-03	1.469	-1.406	0.99	31	1979	0.63	8.47E-33	Upper
230-06	0.978	0.261	0.94	33	1992	1.28	3.60E-20	Lower
230-06	0.886	-0.035	0.98	31	1992	0.35	1.73E-25	Middle
230-06	0.668	-0.202	0.79	38	1992	2.67	7.38E-14	Upper
232-01	0.914	0.176	0.93	109	1995	5.51	1.81E-64	Lower
232-01	0.905	0.019	0.94	109	1995	4.48	9.65E-69	Middle
232-01	1.514	-0.541	0.76	113	1987	68.06	1.60E-36	Upper
237-01	0.902	0.126	0.94	69	1995	2.22	2.32E-43	Lower
237-01	0.789	-0.085	0.92	68	1995	2.45	2.77E-37	Middle
237-01	0.633	-0.371	0.54	74	1995	16.36	8.03E-14	Upper
239-02	1.468	-1.415	1.00	3	1954	0.00	7.06E-03	Lower
239-02	1.480	-1.404	1.00	3	1954	0.00	7.80E-03	Middle
239-02	1.351	-1.541	0.99	7	1954	0.18	2.80E-06	Upper
240-01	1.287	-0.610	0.87	7	1978	2.01	2.32E-03	Lower
240-01	1.634	-1.233	1.00	4	1978	0.01	4.37E-04	Middle
240-01	1.551	-1.320	0.99	11	1978	0.29	2.30E-10	Upper
240-02	1.687	-1.176	1.00	8	1978	0.04	1.18E-09	Lower
240-02	1.665	-1.202	1.00	10	1978	0.03	2.34E-13	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
240-02	1.561	-1.309	0.99	12	1978	0.27	1.35E-11	Upper
243-02	1.579	-1.294	1.00	6	1970	0.02	2.92E-07	Lower
243-02	1.534	-1.344	1.00	7	1970	0.02	5.81E-09	Middle
243-02	1.409	-1.471	0.99	11	1970	0.35	7.27E-10	Upper
244-01	1.007	-0.058	0.75	99	1985	33.93	1.15E-30	Lower
244-01	1.815	-1.108	0.96	99	1985	12.55	1.21E-71	Middle
244-01	1.670	-1.314	0.92	107	1985	24.17	3.02E-60	Upper
244-03	0.963	0.963	0.99	72	1995	0.42	1.41E-70	Lower
246-01	0.998	0.080	1.00	158	1983	0.45	2.33E-206	Lower
246-01	1.631	-0.763	0.89	159	1983	61.06	7.71E-78	Middle
246-01	1.748	-1.113	1.00	161	1983	1.99	2.30E-198	Upper
247-02	1.640	-0.647	0.52	144	1993	212.43	1.79E-24	Middle
247-02	2.053	-1.052	0.74	155	1993	136.21	4.79E-47	Upper
247-03	0.573	0.191	0.61	64	1988	11.02	3.69E-14	Lower
247-03	1.757	-0.871	0.88	62	1988	21.63	3.92E-29	Middle
247-03	1.572	-1.443	0.74	68	1988	47.84	7.17E-21	Upper
248-03	1.677	-1.024	0.96	71	1980	11.62	5.85E-49	Lower
248-03	1.657	-1.213	1.00	70	1980	0.60	7.07E-91	Middle
248-03	1.578	-1.298	1.00	74	1980	0.57	3.73E-96	Upper
250-01	1.302	-0.107	0.87	197	1986	34.00	5.79E-88	Lower
250-01	1.871	-0.969	0.98	197	1986	8.40	1.42E-172	Middle
250-01	1.672	-1.146	0.96	207	1988	17.03	1.33E-142	Upper
250-04	1.203	-0.385	0.78	75	1986	34.52	2.27E-25	Lower
250-04	1.769	-1.089	1.00	74	1986	0.30	2.11E-107	Middle
250-04	1.719	-1.143	1.00	78	1986	0.41	9.84E-108	Upper
253-04	1.073	-0.260	0.79	35	1994	13.15	9.08E-13	Lower
253-04	1.722	-1.112	0.99	36	1982	1.68	9.21E-34	Middle
253-04	1.648	-1.195	0.99	38	1982	1.44	1.27E-36	Upper
254-02	1.694	-1.012	0.95	50	1989	7.91	2.99E-32	Lower
254-02	1.727	-1.137	1.00	51	1989	0.00	5.89E-115	Middle
254-02	1.700	-1.164	1.00	54	1989	0.33	5.60E-71	Upper
254-03	1.003	-0.266	0.81	80	1989	24.27	6.97E-30	Lower
254-03	1.680	-1.182	1.00	79	1989	1.07	2.93E-95	Middle
254-03	1.616	-1.247	0.99	84	1975	2.36	3.64E-87	Upper
255-02	0.908	-0.020	1.00	16	1975	0.04	3.88E-20	Lower
255-02	0.976	-0.169	0.86	16	1976	3.56	2.37E-07	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
255-02	1.686	-1.180	1.00	19	1975	0.02	9.86E-33	Upper
256-04	1.553	-1.082	0.94	49	1974	10.80	1.43E-30	Lower
256-04	1.592	-1.279	1.00	48	1974	0.14	4.82E-73	Middle
256-04	1.502	-1.374	0.99	52	1974	1.19	1.09E-55	Upper
256-05	0.921	-0.007	1.00	61	1984	0.29	1.08E-70	Lower
256-05	1.502	-0.846	0.88	60	1981	23.62	6.02E-28	Middle
256-05	1.649	-1.222	1.00	64	1984	0.47	3.74E-84	Upper
260-06	2.176	-0.916	0.70	34	1995	41.24	7.18E-10	Upper
261-03	0.803	0.258	0.93	55	1995	1.69	5.79E-33	Lower
261-03	0.715	0.049	0.84	57	1995	3.60	1.55E-23	Middle
261-04	1.357	-0.551	0.62	230	1986	209.75	4.19E-50	Lower
261-04	1.731	-1.251	0.85	228	1986	96.09	7.43E-96	Middle
261-04	1.518	-1.701	0.71	236	1986	182.98	2.81E-64	Upper
261-05	0.615	0.602	0.72	119	1986	13.97	3.84E-34	Lower
261-05	0.898	0.242	0.72	116	1986	29.10	2.25E-33	Middle
261-05	1.918	-0.721	0.89	124	1986	43.00	3.24E-61	Upper
262-01	0.931	-0.060	0.81	85	1990	19.44	5.05E-32	Lower
262-01	0.870	-0.197	0.68	86	1984	35.91	2.03E-22	Middle
262-01	1.393	-0.988	0.76	93	1984	65.63	4.21E-30	Upper
262-02	0.936	0.498	0.97	8	1991	0.15	9.99E-06	Lower
262-02	1.085	0.269	0.98	5	1991	0.06	1.06E-03	Middle
262-02	1.470	-0.559	0.55	13	1991	13.79	3.72E-03	Upper
265-01	0.983	0.084	0.99	22	1976	0.22	8.47E-23	Lower
265-01	0.961	0.036	1.00	22	1976	0.09	2.40E-26	Middle
265-01	1.333	-0.638	0.83	26	1976	13.14	9.93E-11	Upper
265-02	0.911	-0.017	1.00	23	1978	0.11	1.50E-26	Lower
265-02	1.665	-1.203	1.00	24	1985	0.17	1.63E-31	Middle
265-02	1.546	-1.329	1.00	26	1978	0.22	1.03E-32	Upper
282-02	1.080	0.502	0.97	35	1994	0.65	8.59E-28	Lower
282-02	1.026	0.358	0.98	35	1994	0.51	8.64E-29	Middle
282-02	1.681	-0.502	0.81	41	1994	15.76	8.60E-16	Upper
315-03	1.555	-1.320	1.00	69	1983	0.32	9.04E-94	Lower
315-03	1.512	-1.366	1.00	67	1983	0.30	8.16E-91	Middle
315-03	1.475	-1.405	1.00	73	1983	0.85	1.79E-83	Upper
353-03	1.552	-1.326	0.99	32	1978	0.47	1.12E-34	Lower
353-03	1.475	-1.405	1.00	29	1978	0.16	2.19E-36	Middle

$$RTI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
353-03	1.377	-1.499	0.97	37	1978	1.98	1.14E-28	Upper
380-03	0.751	0.199	0.91	13	1994	0.43	3.47E-07	Lower
380-03	0.595	0.039	0.86	9	1994	0.33	2.91E-04	Middle
380-03	1.068	-0.516	0.64	21	1994	7.85	1.45E-05	Upper
384-02	1.011	-0.240	0.79	73	1988	21.69	4.72E-26	Lower
384-02	1.736	-1.131	1.00	74	1988	0.43	2.56E-101	Middle
384-02	1.646	-1.223	1.00	76	1988	0.41	1.22E-103	Upper
392-03	0.894	-0.032	0.99	5	1981	0.03	3.91E-04	Lower
392-03	1.706	-1.156	1.00	9	1981	0.03	2.22E-11	Middle
392-03	1.625	-1.250	1.00	10	1981	0.07	1.96E-11	Upper
407-05	1.029	0.085	0.98	43	1989	0.56	8.45E-38	Lower
407-05	1.706	-0.721	0.93	44	1989	6.43	2.87E-26	Middle
407-05	1.796	-1.037	0.96	48	1989	4.20	1.59E-34	Upper
414-03	0.999	0.289	0.99	20	1991	0.24	3.10E-18	Lower
414-03	1.046	0.129	1.00	20	1991	0.01	1.11E-32	Middle
414-03	0.973	-0.203	0.57	23	1991	13.84	3.33E-05	Upper
836-13	0.498	0.440	0.59	12	1972	2.12	3.64E-03	Lower
836-13	1.535	-0.490	0.73	12	1972	10.02	4.06E-04	Middle
836-13	1.443	-1.821	0.82	16	1972	7.91	1.27E-06	Upper
837-04	1.375	-0.536	0.78	10	1973	5.04	7.28E-04	Upper
840-36	0.851	-0.078	0.98	6	1984	0.07	8.79E-05	Lower
840-36	1.649	-1.218	1.00	5	1984	0.03	4.30E-05	Middle
840-36	1.576	-1.298	1.00	9	1984	0.04	4.46E-11	Upper
840-43	1.444	-1.442	1.00	22	1951	0.10	2.28E-30	Lower
840-43	1.386	-1.504	1.00	22	1951	0.03	8.32E-35	Middle
840-43	1.279	-1.620	1.00	25	1951	0.22	2.33E-30	Upper
848-01	1.508	-1.220	0.68	32	1982	33.52	5.67E-09	Lower
848-01	1.535	-1.688	0.73	34	1982	28.73	1.35E-10	Middle
848-01	1.512	-1.681	0.75	37	1982	27.94	6.23E-12	Upper
853-33	1.758	-1.382	0.88	7	1982	3.10	1.61E-03	Middle
853-33	1.677	-1.655	0.87	12	1982	4.99	1.15E-05	Upper
853-36	1.581	-1.048	0.78	18	1981	14.58	1.33E-06	Middle
853-36	1.777	-1.479	0.87	23	1981	11.49	1.07E-10	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	1.799	-1.606	0.76	85	1996	51.01	1.73E-27	Middle
001-01	1.742	-1.654	0.76	90	1996	49.97	2.87E-29	Upper
001-03	1.206	-0.584	0.80	308	1948	76.88	1.10E-109	Lower
001-03	1.675	-1.314	0.81	308	2001	140.65	1.13E-112	Middle
001-03	1.637	-1.513	0.76	323	1955	185.32	2.37E-102	Upper
001-04	1.797	-1.466	0.72	100	1955	64.77	3.56E-29	Lower
001-04	1.734	-1.495	0.74	99	1955	55.43	3.59E-30	Middle
001-04	1.682	-1.574	0.73	108	1955	60.06	5.70E-32	Upper
001-06	1.416	-1.241	0.90	345	1971	77.43	8.43E-176	Lower
001-06	1.452	-1.537	0.92	346	1971	70.20	2.53E-186	Middle
001-06	1.382	-1.601	0.91	366	1971	69.46	1.22E-192	Upper
001-07	0.653	0.053	0.72	158	1952	25.22	2.85E-45	Lower
001-07	1.083	-0.729	0.76	149	1952	54.81	1.79E-47	Middle
001-07	1.475	-1.409	0.94	180	1952	21.95	4.43E-112	Upper
001-08	0.708	-0.195	0.84	162	1947	12.58	1.52E-66	Lower
001-08	1.191	-0.951	0.84	163	1947	37.21	1.38E-65	Middle
001-08	1.418	-1.439	0.97	173	1947	8.72	1.42E-132	Upper
002-01	1.468	-1.404	0.99	15	1947	0.31	3.76E-15	Lower
002-01	1.479	-1.401	0.99	17	1947	0.52	5.99E-16	Middle
002-01	1.359	-1.513	0.98	24	1947	0.81	3.23E-21	Upper
002-03	1.076	-0.955	0.55	301	1947	352.50	2.07E-54	Middle
002-03	1.518	-1.657	0.84	329	1947	175.70	3.99E-132	Upper
002-04	1.046	-0.487	0.77	277	1947	72.53	6.67E-91	Lower
002-04	1.560	-1.184	0.95	276	1954	30.08	7.42E-179	Middle
002-04	1.480	-1.265	0.93	291	1947	39.05	1.71E-168	Upper
002-05	0.751	-0.164	0.85	231	1947	23.03	5.64E-97	Lower
002-05	0.806	-0.322	0.76	232	1947	47.28	4.88E-74	Middle
002-05	1.408	-1.460	0.94	237	1954	32.63	2.78E-142	Upper
003-02	0.979	0.077	0.98	90	1947	1.87	5.36E-74	Lower
003-02	0.834	-0.103	0.88	92	1947	8.21	9.21E-43	Middle
003-02	1.616	-1.167	0.86	100	1953	40.36	4.15E-43	Upper
003-03	0.737	-0.116	0.93	271	1947	10.27	2.09E-155	Lower
003-03	1.328	-0.777	0.81	274	1947	100.71	6.93E-101	Middle
003-03	1.571	-1.216	0.87	279	1947	88.31	5.48E-127	Upper
003-04	1.560	-1.275	0.98	71	1968	2.70	1.80E-60	Lower
003-04	1.525	-1.309	0.98	70	1947	2.88	6.57E-58	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
003-04	1.457	-1.353	0.97	85	1947	4.57	1.33E-62	Upper
003-05	1.884	-1.278	0.84	165	1971	100.95	5.07E-66	Middle
003-05	1.711	-1.490	0.85	175	1947	77.56	8.76E-74	Upper
003-07	1.186	-0.401	0.68	157	1972	66.73	7.13E-40	Lower
003-07	1.655	-1.089	0.95	155	1972	15.17	1.13E-99	Middle
003-07	1.592	-1.180	0.89	166	1972	32.50	9.86E-81	Upper
003-08	1.130	-0.589	0.68	71	1972	36.81	1.18E-18	Lower
003-08	1.693	-1.315	0.91	77	1972	18.13	3.87E-40	Middle
003-08	1.633	-1.342	0.90	82	1972	19.15	2.14E-42	Upper
004-01	0.445	-0.276	0.74	16	1953	1.51	1.80E-05	Lower
004-01	1.119	-1.177	0.78	14	1953	6.51	2.61E-05	Middle
004-01	1.071	-1.348	0.70	34	1949	17.79	8.94E-10	Upper
004-04	1.038	-0.409	0.79	67	1978	14.71	1.77E-23	Lower
004-04	1.615	-1.185	0.97	67	1978	4.89	2.43E-49	Middle
004-04	1.504	-1.254	0.93	80	1978	9.59	1.27E-46	Upper
004-05	1.596	-1.696	0.78	8	1962	4.86	3.60E-03	Upper
004-08	1.144	-0.745	0.65	230	1948	171.40	2.95E-53	Lower
004-08	1.477	-1.386	0.87	230	1948	80.13	4.77E-102	Middle
004-08	1.406	-1.465	0.85	257	1948	86.20	6.52E-109	Upper
005-01	0.639	0.059	0.83	46	1948	2.01	8.52E-19	Lower
005-01	0.704	-0.132	0.89	45	1948	1.50	4.00E-22	Middle
005-01	1.670	-1.529	0.63	50	1948	43.69	5.24E-12	Upper
005-07	0.865	-0.031	0.95	23	2001	0.62	6.98E-15	Lower
005-07	1.139	-0.338	0.70	24	2001	9.02	3.54E-07	Middle
005-07	1.627	-1.248	0.73	31	2001	21.23	8.42E-10	Upper
007-03	0.902	-0.027	1.00	3	1952	0.00	3.64E-18	Lower
007-03	0.948	-0.002	0.97	5	1952	0.09	1.95E-03	Middle
007-03	1.535	-1.204	0.93	9	1952	1.57	2.72E-05	Upper
007-04	1.616	-1.193	0.98	129	1970	4.67	5.14E-107	Lower
007-04	1.562	-1.238	0.97	129	1952	5.22	6.10E-101	Middle
007-04	1.469	-1.321	0.94	139	1954	10.78	2.03E-87	Upper
007-05	1.666	-1.136	0.98	182	1997	9.77	2.51E-147	Lower
007-05	1.642	-1.198	0.99	181	1997	4.70	2.30E-173	Middle
007-05	1.611	-1.229	0.99	186	1997	5.56	9.23E-171	Upper
007-06	1.688	-1.335	0.85	165	1955	61.30	5.74E-70	Lower
007-06	1.656	-1.410	0.87	162	1955	51.52	2.32E-72	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-06	1.623	-1.454	0.86	170	1955	55.21	1.37E-73	Upper
007-07	0.505	0.099	0.68	111	1999	14.01	8.18E-29	Lower
007-07	1.335	-1.214	0.80	114	1999	52.56	5.30E-41	Middle
007-07	1.408	-1.726	0.85	119	1951	43.22	5.45E-50	Upper
007-08	0.756	-0.063	0.92	173	1953	7.06	8.11E-94	Lower
007-08	1.048	-0.442	0.73	175	1953	53.95	1.79E-51	Middle
007-08	1.609	-1.095	0.90	185	1953	39.23	7.44E-95	Upper
008-05	1.830	-1.288	0.86	210	1955	105.28	1.01E-90	Middle
008-05	1.609	-1.476	0.85	223	1955	96.43	9.92E-92	Upper
008-06	1.388	-0.360	0.82	97	1947	48.45	1.15E-36	Lower
008-06	1.792	-1.039	0.96	98	1947	16.07	7.74E-68	Middle
008-06	1.670	-1.172	0.94	105	1947	20.59	2.71E-65	Upper
008-07	0.806	-0.123	0.98	34	1967	0.48	5.70E-28	Lower
008-07	0.802	-0.127	0.97	37	1967	0.63	1.15E-28	Middle
008-07	1.004	-0.371	0.78	39	1967	10.01	7.06E-14	Upper
008-09	1.366	-1.059	0.61	144	1958	190.23	4.21E-31	Middle
008-09	1.604	-1.524	0.83	156	1958	95.32	1.99E-60	Upper
010-03	1.651	-1.410	0.90	53	1971	16.13	1.45E-27	Lower
010-03	1.606	-1.499	0.89	51	1971	16.89	2.98E-25	Middle
010-03	1.583	-1.494	0.90	62	1950	17.44	1.92E-31	Upper
012-06	0.613	0.026	0.69	237	1972	39.66	2.45E-61	Lower
012-06	0.672	-0.160	0.66	235	1972	53.30	1.63E-56	Middle
012-06	1.374	-1.228	0.79	253	1972	125.26	5.13E-86	Upper
012-08	0.819	-0.106	0.97	100	1972	1.59	6.82E-75	Lower
012-08	1.351	-0.595	0.80	102	1972	31.57	2.93E-37	Middle
012-08	1.757	-1.018	0.97	105	1972	7.13	4.84E-80	Upper
012-09	1.431	-0.731	0.83	11	1970	3.59	8.41E-05	Lower
012-09	1.645	-1.081	0.94	13	1970	1.21	4.23E-08	Middle
012-09	1.591	-1.205	0.95	17	1970	1.65	2.87E-11	Upper
012-10	1.622	-1.101	0.92	35	1971	5.00	1.45E-19	Lower
012-10	1.568	-1.138	0.90	39	1971	7.02	7.44E-20	Middle
012-10	1.504	-1.199	0.88	41	1971	7.84	1.74E-19	Upper
012-11	1.744	-1.612	0.61	209	1976	218.69	8.80E-45	Middle
012-11	1.595	-1.731	0.64	215	1969	176.18	1.61E-48	Upper
012-12	0.523	0.107	0.76	27	1966	1.18	2.71E-09	Lower
012-12	0.808	-0.234	0.61	28	1966	5.87	1.00E-06	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
012-12	1.405	-0.891	0.72	37	1966	13.53	3.04E-11	Upper
012-13	0.947	-0.470	0.68	17	1951	6.96	5.23E-05	Lower
012-13	1.417	-1.561	0.78	19	1961	9.95	4.82E-07	Middle
012-13	1.418	-1.635	0.80	28	1961	13.46	1.28E-10	Upper
013-09	1.386	-0.944	0.75	138	1975	83.61	3.33E-42	Lower
013-09	1.558	-1.519	0.85	137	1954	55.01	1.46E-57	Middle
013-09	1.510	-1.574	0.85	156	1954	57.49	6.59E-65	Upper
013-11	1.595	-1.161	0.56	72	1993	83.20	4.36E-14	Upper
016-05	1.574	-1.628	0.90	29	1966	9.26	6.15E-15	Lower
016-05	1.547	-1.682	0.90	32	1966	8.67	1.05E-16	Middle
016-05	1.483	-1.733	0.89	35	1966	10.85	3.66E-17	Upper
017-04	1.582	-1.270	0.99	113	1960	3.28	1.53E-109	Lower
017-04	1.516	-1.340	0.98	112	1947	3.97	4.61E-102	Middle
017-04	1.424	-1.428	0.97	125	1947	8.63	6.69E-92	Upper
018-03	1.629	-1.211	0.94	17	1981	2.20	1.05E-10	Lower
018-03	1.629	-1.230	0.97	17	1981	1.47	1.43E-12	Middle
018-03	1.458	-1.403	0.97	23	1981	1.12	9.00E-18	Upper
020-30	0.769	-0.064	0.87	7	1951	0.37	2.09E-03	Lower
020-30	0.701	-0.184	0.86	8	1951	0.57	9.76E-04	Middle
020-30	1.363	-0.672	0.76	12	1951	4.36	2.31E-04	Upper
021-03	0.678	-0.191	0.61	10	1972	2.53	7.24E-03	Middle
021-03	0.548	-0.337	0.58	12	1972	2.01	3.95E-03	Upper
021-04	1.618	-1.591	0.81	34	1971	21.41	6.33E-13	Middle
021-04	1.473	-1.746	0.82	41	1971	19.29	6.06E-16	Upper
021-30	1.544	-1.641	0.76	6	1971	4.17	2.42E-02	Lower
021-30	1.387	-1.503	1.00	3	1971	0.00	9.95E-17	Middle
021-30	1.548	-1.721	0.75	12	1971	7.79	2.63E-04	Upper
025-08	0.753	-0.082	0.62	135	1960	34.38	4.54E-30	Lower
025-08	1.629	-1.264	0.79	139	1960	72.35	1.79E-48	Middle
025-08	1.635	-1.465	0.85	145	1960	49.07	2.88E-61	Upper
026-09	0.784	-0.137	0.82	54	1951	9.27	6.79E-21	Lower
026-09	1.183	-0.915	0.82	52	1951	19.80	1.55E-20	Middle
026-09	1.367	-1.482	0.98	65	1951	2.88	5.52E-55	Upper
026-10	1.546	-1.625	0.72	106	1967	85.84	4.01E-30	Middle
026-10	1.509	-1.659	0.73	112	1967	81.01	3.10E-33	Upper
027-03	0.801	-0.119	0.97	10	1972	0.21	3.41E-07	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
027-03	0.747	-0.167	0.94	11	1972	0.34	6.70E-07	Middle
027-03	0.909	-0.475	0.72	15	1972	4.31	6.27E-05	Upper
027-06	1.332	-1.091	0.64	25	1971	21.20	1.80E-06	Lower
027-06	1.651	-1.499	0.81	25	1972	12.29	8.00E-10	Middle
027-06	1.632	-1.493	0.85	34	1972	12.01	6.08E-15	Upper
028-03	1.853	-1.389	0.80	48	1970	39.44	9.38E-18	Middle
028-03	1.699	-1.513	0.82	52	1970	33.22	3.61E-20	Upper
028-04	0.741	0.160	0.81	308	1984	33.71	5.08E-111	Lower
028-04	0.863	-0.035	0.84	309	1988	36.51	6.00E-124	Middle
028-04	1.083	-0.440	0.70	317	1988	130.23	3.47E-85	Upper
031-03	0.854	-0.061	0.96	66	1954	1.74	1.79E-45	Lower
031-03	1.352	-0.671	0.79	66	1971	25.80	1.95E-23	Middle
031-03	1.668	-1.133	0.89	71	1971	18.73	3.05E-35	Upper
036-01	1.218	-1.801	0.62	47	2000	29.75	5.76E-11	Middle
036-01	1.242	-1.786	0.61	53	2000	38.14	6.82E-12	Upper
036-02	1.578	-1.451	0.80	133	1990	63.70	6.02E-48	Upper
036-03	0.943	0.100	0.95	117	1995	2.73	4.79E-79	Lower
036-03	1.519	-0.542	0.64	119	1995	84.29	5.93E-28	Middle
037-02	0.768	-0.044	0.54	221	1982	85.69	2.59E-38	Lower
037-02	1.509	-1.773	0.60	229	1983	263.65	2.86E-47	Upper
037-03	0.670	0.068	0.75	39	1981	5.71	1.46E-12	Lower
037-03	1.208	-0.841	0.82	42	1981	13.16	1.91E-16	Middle
037-03	1.447	-1.417	0.98	44	1981	1.67	6.69E-38	Upper
037-04	0.538	0.185	0.58	134	1987	19.54	2.40E-26	Lower
037-04	0.508	0.123	0.54	134	1987	20.20	6.03E-24	Middle
041-01	0.729	0.119	0.78	17	1982	2.89	2.76E-06	Lower
041-01	0.688	0.075	0.75	18	1983	3.21	3.82E-06	Middle
041-01	1.126	-0.732	0.68	28	1983	16.25	7.27E-08	Upper
043-05	1.469	-1.617	0.54	25	1993	30.21	3.14E-05	Middle
043-05	1.515	-1.547	0.62	31	1993	29.85	1.63E-07	Upper
044-02	0.697	-0.042	0.87	231	1992	14.56	5.66E-104	Lower
044-02	1.170	-0.523	0.68	225	1978	128.16	6.70E-57	Middle
044-02	1.573	-1.118	0.82	240	1978	117.66	1.73E-89	Upper
044-03	1.179	-1.177	0.55	156	1979	197.18	3.30E-28	Lower
044-03	1.501	-1.727	0.77	154	1979	112.23	1.61E-50	Middle
044-03	1.443	-1.771	0.79	164	1980	99.92	2.18E-56	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
045-01	1.329	-0.706	0.69	214	1986	155.76	2.71E-55	Lower
045-01	1.343	-1.898	0.64	210	1975	188.71	2.72E-48	Middle
045-01	1.335	-1.899	0.66	225	1986	187.32	3.07E-54	Upper
045-02	0.601	-0.072	0.69	62	1972	9.99	9.59E-17	Lower
045-02	1.084	-0.623	0.66	61	1972	34.67	1.64E-15	Middle
045-02	1.638	-1.210	0.93	68	1972	12.71	2.75E-40	Upper
046-04	1.422	-1.248	0.91	21	1946	5.44	2.01E-11	Lower
046-04	1.456	-1.418	0.98	21	1946	0.98	2.18E-18	Middle
046-04	1.396	-1.473	0.98	26	1946	1.68	8.61E-21	Upper
050-05	0.820	-0.052	0.83	68	1986	7.21	3.20E-27	Lower
050-05	0.728	-0.146	0.76	68	1986	8.89	4.27E-22	Middle
050-05	0.652	-0.217	0.64	73	1986	13.80	3.11E-17	Upper
050-07	0.955	0.154	0.96	22	1988	0.50	1.45E-15	Lower
050-07	0.931	0.039	0.97	24	1988	0.36	1.40E-18	Middle
051-02	0.766	-0.276	0.77	164	1958	29.56	4.59E-53	Lower
051-02	1.481	-1.140	0.90	166	1958	39.13	4.53E-85	Middle
051-02	1.376	-1.674	0.74	172	1958	113.98	7.68E-52	Upper
051-03	0.855	-0.026	0.94	157	1976	4.30	9.54E-96	Lower
051-04	0.821	0.176	0.92	49	1981	2.98	3.72E-27	Lower
051-04	0.888	-0.037	0.75	54	1981	14.32	3.44E-17	Middle
051-04	1.277	-0.645	0.71	59	1981	38.31	4.78E-17	Upper
051-05	0.768	-0.459	0.71	174	1972	46.13	1.30E-47	Lower
051-05	1.299	-1.291	0.89	173	1972	40.18	1.92E-83	Middle
051-05	1.370	-1.566	0.88	183	1972	47.82	1.20E-86	Upper
051-06	0.740	-0.143	0.90	163	1975	9.35	5.66E-84	Lower
051-06	1.128	-0.737	0.75	166	1975	69.34	4.46E-51	Middle
051-06	1.469	-1.216	0.92	173	1975	33.77	7.96E-94	Upper
051-07	1.508	-1.097	0.90	212	1975	37.59	1.71E-108	Lower
051-07	1.443	-1.146	0.89	213	1992	40.96	2.14E-102	Middle
051-07	1.378	-1.214	0.88	227	1992	40.74	2.85E-107	Upper
052-01	1.625	-1.423	0.88	239	1986	83.26	1.38E-112	Lower
052-01	1.583	-1.529	0.90	240	1986	67.35	7.17E-121	Middle
052-01	1.473	-1.645	0.89	246	1986	63.58	2.81E-120	Upper
052-02	1.595	-1.250	0.99	119	1988	2.65	2.89E-116	Lower
052-02	1.530	-1.334	1.00	121	1988	0.95	2.10E-143	Middle
052-02	1.461	-1.412	1.00	124	1988	1.00	4.12E-143	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-03	1.560	-1.313	0.99	138	1978	3.09	3.17E-148	Lower
052-03	1.473	-1.406	0.99	136	1978	1.98	3.40E-155	Middle
052-03	1.363	-1.526	0.99	142	1978	3.02	6.62E-146	Upper
052-04	0.682	0.187	0.90	56	1981	1.87	1.43E-28	Lower
052-04	1.348	-0.214	0.66	56	1981	33.03	4.05E-14	Middle
052-04	1.964	-0.681	0.90	60	1981	15.60	3.30E-31	Upper
052-05	0.968	0.121	0.98	58	1972	1.44	7.14E-50	Lower
052-05	0.997	-0.144	0.69	57	1972	35.10	1.42E-15	Middle
052-05	1.318	-0.554	0.72	63	1972	55.04	1.11E-18	Upper
052-07	0.774	0.169	0.85	102	1982	11.80	4.28E-43	Lower
052-07	0.744	0.117	0.81	100	1982	14.86	1.32E-36	Middle
052-07	0.922	-0.306	0.70	105	1982	42.16	1.13E-28	Upper
052-08	0.999	0.379	1.00	106	1975	0.24	6.14E-147	Lower
052-08	0.977	0.266	0.98	109	1975	3.46	2.00E-89	Middle
052-08	1.183	-0.234	0.83	109	1975	45.42	2.14E-42	Upper
052-30	0.914	-0.013	1.00	96	1993	0.13	1.99E-124	Lower
052-30	1.463	-0.499	0.79	98	1993	35.11	1.91E-34	Middle
052-30	1.883	-0.875	0.96	102	1991	9.94	1.31E-71	Upper
053-01	1.196	-0.692	0.79	42	1989	23.00	4.70E-15	Lower
053-01	1.524	-1.328	0.97	45	1974	4.14	3.58E-35	Middle
053-01	1.436	-1.418	0.97	51	1983	3.79	1.49E-40	Upper
053-02	0.845	-0.083	0.93	81	1980	5.20	9.25E-48	Lower
053-02	1.438	-1.159	0.92	80	1979	17.03	6.76E-45	Middle
053-02	1.480	-1.400	0.99	86	1979	1.16	3.47E-98	Upper
053-04	0.781	-0.152	0.88	17	1974	2.00	2.57E-08	Lower
053-04	1.443	-1.153	0.90	16	1974	5.43	2.35E-08	Middle
053-04	1.478	-1.402	0.98	20	1974	0.98	1.01E-17	Upper
053-05	0.672	-0.102	0.88	72	1993	1.01	2.26E-34	Lower
053-05	0.650	-0.183	0.91	68	1993	0.72	9.38E-36	Middle
053-05	1.484	-1.173	0.66	78	1993	23.07	1.26E-19	Upper
053-06	1.661	-1.487	0.83	212	1983	108.71	8.75E-82	Middle
053-06	1.612	-1.537	0.83	217	1983	103.96	1.09E-83	Upper
053-07	1.387	-1.377	0.72	365	1981	292.66	4.82E-101	Lower
053-07	1.475	-1.665	0.83	367	1981	176.40	4.63E-141	Middle
053-07	1.463	-1.688	0.82	379	1970	186.03	8.26E-142	Upper
053-08	1.682	-0.992	0.93	34	1957	5.42	2.41E-20	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-08	1.673	-1.138	0.97	34	1957	2.03	1.49E-26	Middle
053-08	1.647	-1.174	0.98	38	1957	2.04	1.90E-30	Upper
054-01	1.779	-1.228	0.70	14	1990	13.50	1.83E-04	Lower
054-01	1.368	-1.755	0.51	15	1990	17.84	2.84E-03	Middle
054-01	1.541	-1.582	0.60	18	1990	20.01	1.51E-04	Upper
054-04	1.316	-0.898	0.84	256	1982	78.03	2.93E-103	Lower
054-04	1.482	-1.378	0.99	255	1980	7.53	7.40E-235	Middle
054-04	1.414	-1.440	0.97	265	1982	15.42	7.04E-201	Upper
054-05	1.388	-0.301	0.78	160	1983	101.87	2.47E-53	Lower
054-05	1.673	-1.187	1.00	161	1983	2.56	1.74E-185	Middle
054-05	1.620	-1.241	1.00	165	1983	1.55	5.40E-206	Upper
055-04	0.867	-0.572	0.74	242	1995	73.40	2.06E-71	Lower
055-04	1.296	-1.321	0.90	238	1951	51.49	5.31E-120	Middle
055-04	1.267	-1.530	0.89	252	1951	53.46	1.08E-123	Upper
055-05	0.571	-0.136	0.74	166	1995	12.73	1.71E-50	Lower
055-05	0.564	-0.244	0.76	165	1995	11.57	6.44E-52	Middle
055-05	0.874	-0.677	0.56	176	1995	73.00	7.18E-33	Upper
055-06	1.773	-0.858	0.87	67	1984	19.51	2.59E-30	Lower
055-06	1.161	-1.797	0.53	66	1984	40.71	3.96E-12	Middle
055-06	1.128	-1.904	0.59	73	1984	45.59	1.64E-15	Upper
055-07	0.834	-0.075	0.91	110	1983	8.13	6.59E-58	Lower
055-07	0.861	-0.227	0.79	113	1983	22.99	3.27E-39	Middle
055-07	1.513	-1.343	0.97	120	1983	7.81	1.74E-94	Upper
056-01	1.237	-0.617	0.76	53	1985	20.38	1.66E-17	Lower
056-01	1.710	-1.091	0.97	50	1985	3.44	6.57E-39	Middle
056-01	1.677	-1.128	0.97	58	1985	3.56	1.12E-45	Upper
056-02	1.573	-1.263	0.95	104	1985	10.45	1.21E-67	Lower
056-02	1.494	-1.342	0.96	104	1985	6.30	2.70E-75	Middle
056-02	1.422	-1.409	0.96	114	1985	7.84	1.85E-77	Upper
056-03	1.344	-0.903	0.72	214	1981	136.87	4.31E-61	Lower
056-03	1.587	-1.439	0.90	211	1980	52.21	3.07E-108	Middle
056-03	1.505	-1.501	0.90	225	1981	50.66	3.67E-114	Upper
056-04	0.388	0.231	1.00	3	1995	0.00	4.21E-02	Lower
056-04	0.622	0.164	0.67	10	1979	1.53	3.96E-03	Middle
056-04	1.432	-1.107	0.79	15	1988	6.58	8.27E-06	Upper
057-01	1.467	-0.898	0.89	134	1990	23.03	2.86E-64	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
057-01	1.583	-1.173	0.95	137	1990	11.90	1.19E-88	Middle
057-01	1.510	-1.228	0.93	140	1990	16.08	1.27E-79	Upper
057-02	0.870	-0.227	0.63	182	1976	65.66	6.24E-41	Lower
057-02	1.611	-1.110	0.87	180	1976	59.67	1.75E-79	Middle
057-02	1.643	-1.458	0.86	191	1976	69.49	5.99E-82	Upper
057-03	0.739	-0.062	0.89	54	1991	2.11	4.60E-27	Lower
057-03	1.003	-0.490	0.68	53	1991	14.05	2.27E-14	Middle
057-03	1.652	-1.242	0.89	62	1986	12.85	4.64E-30	Upper
058-05	1.689	-1.136	0.98	4	1980	0.21	8.38E-03	Lower
058-05	2.022	-0.818	1.00	3	1980	0.00	2.73E-16	Middle
058-05	1.664	-1.121	0.97	8	1980	0.56	5.56E-06	Upper
059-01	1.565	-1.304	0.99	44	1959	0.99	8.10E-50	Lower
059-01	1.512	-1.353	0.98	45	1959	2.92	2.73E-40	Middle
059-01	1.464	-1.392	0.98	52	1950	4.57	1.34E-42	Upper
059-30	1.678	-1.190	1.00	14	1986	0.00	1.13E-192	Middle
059-30	1.410	-1.567	0.86	21	1986	4.99	1.95E-09	Upper
060-01	0.826	-0.812	0.69	19	1967	6.80	1.04E-05	Lower
060-01	1.189	-1.512	0.92	22	1967	3.39	1.94E-12	Middle
060-01	1.226	-1.618	0.81	35	1955	10.96	1.77E-13	Upper
060-03	0.740	-0.162	0.85	65	1984	5.50	5.56E-28	Lower
060-03	0.684	-0.222	0.81	62	1984	6.23	5.69E-23	Middle
060-03	1.485	-1.346	0.92	70	1984	11.40	1.00E-39	Upper
060-04	1.804	-1.053	1.00	42	1990	0.15	4.46E-51	Lower
060-04	1.687	-1.180	1.00	43	1990	0.00	5.84E-82	Middle
060-04	1.613	-1.259	1.00	45	1990	0.05	1.31E-66	Upper
064-04	1.762	-1.558	0.76	145	1979	77.30	2.95E-46	Upper
064-06	1.015	-0.430	0.71	61	1998	15.71	2.16E-17	Lower
064-06	1.602	-1.531	0.63	59	1998	54.04	7.51E-14	Middle
064-06	1.483	-1.816	0.56	65	1998	67.56	7.25E-13	Upper
064-90	0.490	0.031	0.68	18	1979	1.39	2.38E-05	Lower
064-90	1.639	-1.729	0.75	24	1979	14.53	5.27E-08	Upper
065-04	1.697	-1.121	0.98	60	1996	2.28	4.38E-52	Lower
065-04	1.642	-1.180	0.98	61	1996	2.26	2.47E-52	Middle
065-04	1.623	-1.246	0.96	65	1996	5.42	1.39E-44	Upper
065-05	0.566	0.014	0.85	33	1996	1.08	1.97E-14	Lower
065-05	0.815	-0.270	0.73	31	1996	4.76	1.24E-09	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
065-05	1.627	-1.125	0.80	38	1996	14.70	3.69E-14	Upper
066-07	0.468	0.246	0.53	38	1995	4.53	2.30E-07	Lower
066-07	0.658	-0.053	0.75	36	1995	3.47	6.66E-12	Middle
066-07	1.028	-0.526	0.56	47	1995	22.91	1.58E-09	Upper
075-01	1.586	-0.500	0.77	42	2000	22.18	2.15E-14	Lower
075-01	1.957	-0.882	1.00	42	2000	0.29	1.34E-53	Middle
075-01	1.837	-1.008	0.99	45	2000	0.73	2.03E-48	Upper
102-02	0.675	-0.176	0.88	8	1975	0.55	6.26E-04	Lower
102-02	1.395	-0.933	0.76	9	1975	5.61	2.08E-03	Middle
102-02	1.318	-1.739	0.74	12	1975	8.08	3.04E-04	Upper
122-01	1.505	-1.457	0.70	25	1986	23.17	2.19E-07	Lower
122-01	1.625	-1.572	0.78	26	1986	17.59	3.02E-09	Middle
122-01	1.505	-1.683	0.76	30	1986	19.10	2.86E-10	Upper
122-02	0.995	-0.447	0.77	39	1986	8.17	1.80E-13	Lower
122-02	1.579	-1.258	0.99	33	1986	0.73	2.58E-31	Middle
122-02	1.524	-1.310	0.98	45	1986	1.90	3.43E-36	Upper
128-03	1.914	-0.646	0.77	9	1983	4.63	1.99E-03	Lower
128-03	1.705	-1.159	1.00	8	1983	0.00	9.91E-103	Middle
128-03	1.552	-1.325	1.00	12	1983	0.10	1.87E-13	Upper
142-04	0.792	-0.128	0.91	9	1989	0.43	5.42E-05	Lower
142-04	1.226	-0.664	0.73	9	1989	4.59	3.30E-03	Middle
142-04	1.643	-1.196	0.97	13	1989	0.99	1.89E-09	Upper
144-01	1.662	-0.461	0.64	48	1978	45.38	7.87E-12	Lower
144-01	1.999	-0.827	0.97	43	1978	1.75	4.49E-34	Middle
144-01	1.875	-0.926	0.96	54	1978	6.73	1.08E-36	Upper
152-02	0.781	0.326	0.93	38	1995	0.88	4.56E-22	Lower
152-02	0.857	0.201	0.90	40	1995	1.48	7.49E-21	Middle
152-02	0.974	-0.004	0.77	43	1995	5.98	1.48E-14	Upper
152-03	0.798	0.272	0.92	121	1975	4.78	2.22E-68	Lower
152-03	0.965	0.081	0.94	119	1975	5.04	2.47E-75	Middle
152-03	1.597	-0.677	0.79	129	1975	71.46	9.31E-45	Upper
159-03	0.588	0.091	0.66	182	1987	34.51	6.28E-44	Lower
159-03	0.729	-0.166	0.73	186	1985	37.49	9.33E-55	Middle
159-03	1.439	-1.219	0.88	195	1969	54.94	6.00E-92	Upper
167-01	0.721	-0.164	0.89	39	1993	2.51	1.53E-19	Lower
167-01	1.280	-0.722	0.72	34	1993	20.80	2.18E-10	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
167-01	1.525	-1.248	0.94	45	1993	6.80	2.82E-28	Upper
173-01	0.986	-0.177	0.71	16	1983	3.65	4.36E-05	Lower
173-01	2.015	-0.805	0.99	13	1983	0.42	1.29E-11	Middle
177-01	1.313	-1.505	0.80	57	1986	33.25	7.91E-21	Lower
177-01	1.284	-1.775	0.82	52	1986	24.34	2.06E-20	Middle
177-01	1.222	-1.842	0.82	66	1966	29.51	2.51E-25	Upper
177-03	0.590	-0.300	0.62	7	1977	1.11	3.59E-02	Lower
177-03	1.314	-1.525	0.92	13	1977	1.56	2.52E-07	Upper
193-01	0.888	0.433	0.83	11	1991	1.43	1.05E-04	Lower
193-01	0.852	0.161	0.78	17	1991	2.46	3.06E-06	Middle
193-01	0.786	-0.051	0.71	20	1991	3.28	3.00E-06	Upper
193-06	1.198	-1.943	0.75	8	1953	3.57	5.34E-03	Upper
196-04	1.744	-1.349	0.85	12	1985	5.93	1.70E-05	Upper
198-03	1.451	-1.428	0.98	7	1969	0.54	2.42E-05	Lower
198-03	1.560	-1.317	1.00	4	1980	0.00	4.47E-32	Middle
198-03	1.383	-1.486	0.96	14	1980	1.52	5.02E-10	Upper
200-02	0.589	-0.017	0.61	15	1975	3.21	5.75E-04	Lower
200-02	0.583	-0.027	0.58	14	1975	3.46	1.50E-03	Middle
200-02	0.614	-0.218	0.64	20	1975	4.20	2.58E-05	Upper
201-02	0.681	-0.039	0.81	143	1991	11.47	6.48E-53	Lower
201-02	1.060	-0.668	0.77	142	1991	36.70	7.15E-46	Middle
201-02	1.458	-1.243	0.92	154	1979	21.14	9.47E-85	Upper
207-03	0.929	0.304	1.00	4	1956	0.00	2.60E-04	Lower
207-03	1.100	0.188	1.00	3	1956	0.00	2.23E-16	Middle
207-03	1.250	-0.183	0.68	7	1956	3.08	2.25E-02	Upper
207-07	1.497	-1.050	0.89	206	1990	42.48	1.55E-98	Lower
207-07	1.500	-1.205	0.91	201	1987	31.62	1.48E-106	Middle
207-07	1.384	-1.306	0.90	220	1990	33.45	2.81E-111	Upper
207-08	1.210	-0.524	0.67	14	1989	9.55	3.70E-04	Lower
207-08	1.614	-1.150	0.89	20	1989	5.43	4.19E-10	Middle
207-08	1.509	-1.276	0.91	22	1987	4.04	7.11E-12	Upper
212-02	1.869	-1.370	0.83	92	1983	52.64	3.06E-36	Upper
212-03	1.529	-1.633	0.69	113	1980	100.70	5.64E-30	Middle
212-03	1.475	-1.692	0.69	120	1980	101.88	2.14E-31	Upper
219-03	0.993	-2.191	0.61	7	1965	4.09	3.76E-02	Lower
219-03	1.286	-1.997	0.76	12	1965	7.84	2.35E-04	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
224-01	1.623	-1.242	1.00	41	1978	0.49	3.13E-49	Lower
224-01	1.581	-1.287	1.00	39	1978	0.61	2.21E-44	Middle
224-01	1.485	-1.390	0.99	44	1978	1.23	9.02E-44	Upper
230-03	1.523	-1.357	1.00	26	1979	0.04	5.36E-41	Lower
230-03	1.472	-1.411	1.00	28	1979	0.02	2.81E-47	Middle
230-03	1.385	-1.495	0.99	29	1979	0.90	1.78E-27	Upper
230-06	0.497	0.130	0.58	31	1992	3.85	6.09E-07	Lower
230-06	0.471	-0.049	0.63	31	1992	2.80	8.40E-08	Middle
232-01	1.183	-1.917	0.53	102	1987	97.76	3.37E-18	Lower
232-01	1.169	-2.011	0.55	104	1995	91.72	1.33E-19	Middle
232-01	1.079	-2.091	0.55	106	1980	81.69	1.54E-19	Upper
237-01	0.557	0.028	0.79	109	1995	5.24	1.92E-38	Lower
237-01	0.592	-0.138	0.73	110	1995	8.21	1.88E-32	Middle
237-01	0.659	-0.331	0.55	117	1995	24.58	1.26E-21	Upper
240-01	1.482	-1.393	0.99	8	1978	0.12	9.03E-08	Lower
240-01	1.429	-1.443	0.99	7	1978	0.11	3.56E-06	Middle
240-01	1.399	-1.485	0.99	13	1978	0.25	1.75E-12	Upper
240-02	1.456	-1.410	0.98	10	1978	0.42	5.60E-08	Lower
240-02	1.436	-1.429	0.98	14	1978	0.58	1.58E-11	Middle
240-02	1.360	-1.510	0.97	16	1978	0.73	2.45E-12	Upper
243-02	0.689	-0.235	0.81	8	1970	1.07	2.23E-03	Lower
243-02	0.669	-0.240	0.67	11	1970	2.39	2.18E-03	Middle
243-02	1.134	-1.083	0.79	14	1970	5.26	2.16E-05	Upper
244-01	1.510	-1.344	0.93	75	1984	15.00	1.58E-44	Lower
244-01	1.486	-1.452	0.96	74	1985	8.83	1.78E-51	Middle
244-01	1.408	-1.582	0.92	83	1985	15.81	2.77E-47	Upper
244-03	0.936	0.274	0.92	62	1995	2.51	2.70E-34	Lower
246-01	0.862	-0.069	0.90	210	1983	16.42	7.55E-108	Lower
246-01	1.406	-0.696	0.82	210	1983	92.22	1.50E-78	Middle
246-01	1.700	-1.132	0.97	219	1983	19.23	1.85E-167	Upper
247-02	1.484	-1.512	0.58	169	1993	177.48	3.91E-33	Upper
247-03	0.802	-0.123	0.98	88	1988	0.69	3.27E-78	Lower
247-03	1.263	-0.557	0.79	86	1988	26.62	6.97E-30	Middle
247-03	1.726	-1.043	0.97	93	1988	6.84	1.02E-68	Upper
248-03	1.738	-0.955	0.94	78	1980	19.38	2.73E-47	Lower
248-03	1.737	-1.126	0.98	76	1980	6.96	1.33E-61	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
248-03	1.600	-1.258	0.99	83	1980	1.99	3.15E-87	Upper
250-01	1.162	-0.613	0.75	170	1988	59.01	1.32E-52	Lower
250-01	1.576	-1.229	0.96	172	1986	14.70	3.17E-118	Middle
250-01	1.478	-1.329	0.96	182	1989	14.02	1.93E-123	Upper
250-04	1.673	-1.193	1.00	61	1986	0.27	5.51E-85	Lower
250-04	1.563	-1.312	1.00	62	1986	0.38	3.85E-80	Middle
250-04	1.491	-1.390	1.00	64	1986	0.31	1.00E-84	Upper
253-04	1.533	-1.123	0.92	30	1994	7.14	3.72E-17	Lower
253-04	1.602	-1.252	0.99	30	1982	1.31	2.19E-27	Middle
253-04	1.520	-1.341	0.98	33	1982	1.46	1.53E-29	Upper
254-02	1.746	-1.116	1.00	28	1989	0.01	2.68E-46	Lower
254-02	1.613	-1.259	1.00	27	1989	0.00	1.15E-46	Middle
254-02	1.530	-1.348	1.00	31	1989	0.03	6.08E-48	Upper
254-03	1.483	-1.400	1.00	52	1989	0.25	8.43E-69	Lower
254-03	1.458	-1.426	1.00	50	1989	0.00	6.46E-106	Middle
254-03	1.377	-1.512	1.00	56	1975	0.53	3.38E-65	Upper
255-02	1.478	-0.905	0.89	15	1975	6.03	1.57E-07	Lower
255-02	1.633	-1.238	1.00	16	1975	0.04	1.54E-23	Middle
255-02	1.488	-1.394	1.00	18	1976	0.26	3.02E-20	Upper
256-04	1.534	-1.341	1.00	49	1974	0.40	2.52E-63	Lower
256-04	1.504	-1.373	1.00	48	1974	0.41	2.76E-61	Middle
256-04	1.420	-1.461	0.99	52	1974	1.18	1.61E-54	Upper
256-05	1.676	-1.191	1.00	56	1984	0.06	5.60E-97	Lower
256-05	1.629	-1.242	1.00	56	1984	0.05	2.64E-98	Middle
256-05	1.521	-1.360	1.00	59	1984	0.66	2.72E-70	Upper
260-06	1.838	-1.214	0.59	27	1995	33.01	3.36E-06	Upper
261-03	0.671	0.136	0.88	81	1995	3.08	4.57E-38	Lower
261-03	0.621	0.083	0.86	80	1995	3.01	3.65E-35	Middle
261-03	0.900	-0.298	0.70	88	1995	18.59	1.89E-24	Upper
261-04	1.589	-0.596	0.69	211	1986	186.76	5.04E-55	Lower
261-04	1.612	-1.576	0.68	211	1986	199.81	6.61E-54	Middle
261-04	1.485	-1.714	0.67	217	1986	186.41	4.75E-53	Upper
261-05	1.491	-1.684	0.58	74	1986	94.30	3.57E-15	Middle
261-05	1.285	-1.877	0.55	78	1986	79.95	5.36E-15	Upper
262-01	1.314	-1.019	0.80	127	1990	59.50	4.28E-46	Lower
262-01	1.480	-1.406	0.92	132	1984	27.76	3.70E-73	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
262-01	1.409	-1.496	0.91	139	1984	30.30	2.80E-73	Upper
262-02	0.879	0.053	0.93	9	1991	0.36	3.41E-05	Lower
262-02	0.904	-0.029	0.97	7	1991	0.11	3.96E-05	Middle
262-02	1.623	-0.691	0.87	15	1991	3.48	3.95E-07	Upper
265-01	1.536	-1.158	0.91	15	1981	3.84	4.10E-08	Lower
265-01	1.518	-1.361	1.00	17	1976	0.06	3.53E-23	Middle
265-01	1.449	-1.434	1.00	18	1976	0.20	2.03E-20	Upper
265-02	1.522	-1.358	1.00	18	1985	0.02	3.43E-28	Lower
265-02	1.425	-1.462	1.00	19	1978	0.05	9.42E-27	Middle
265-02	1.337	-1.556	1.00	21	1978	0.07	9.74E-29	Upper
282-02	1.471	-1.752	0.60	19	1989	15.76	1.08E-04	Lower
282-02	1.418	-1.841	0.57	20	1994	16.83	1.20E-04	Middle
282-02	1.613	-1.639	0.70	26	1994	19.22	9.42E-08	Upper
315-03	0.598	0.015	0.65	121	1983	19.01	8.14E-29	Lower
315-03	0.558	-0.026	0.58	115	1983	21.43	8.47E-23	Middle
353-03	1.682	-1.162	0.95	18	1978	3.67	7.63E-12	Lower
353-03	1.479	-1.386	0.96	16	1978	2.07	4.55E-11	Middle
353-03	1.380	-1.495	0.97	24	1978	1.57	5.90E-19	Upper
380-03	1.914	-1.419	0.77	14	1994	10.33	3.50E-05	Upper
384-02	0.946	0.110	0.94	73	1984	4.29	2.48E-46	Lower
384-02	1.624	-0.819	0.89	74	1984	25.74	6.94E-37	Middle
384-02	1.707	-1.158	1.00	76	1988	0.54	2.45E-100	Upper
392-03	1.583	-1.250	0.93	6	1981	0.87	1.86E-03	Lower
392-03	1.580	-1.280	0.95	9	1981	1.05	6.77E-06	Middle
392-03	1.416	-1.432	0.95	12	1981	1.04	1.04E-07	Upper
407-05	1.609	-0.953	0.89	37	1989	9.49	2.00E-18	Lower
407-05	1.656	-1.130	0.95	37	1989	4.15	1.28E-24	Middle
407-05	1.567	-1.226	0.94	43	1989	5.34	1.23E-26	Upper
836-13	1.580	-1.610	0.80	14	1972	8.71	1.83E-05	Lower
836-13	1.422	-1.942	0.70	11	1972	7.84	1.35E-03	Middle
836-13	1.484	-1.682	0.79	20	1972	11.21	1.53E-07	Upper
840-36	0.963	0.343	0.99	5	1984	0.03	2.07E-04	Lower
840-36	0.933	0.311	0.99	6	1984	0.04	1.82E-05	Middle
840-36	1.389	-0.735	0.79	8	1984	4.38	3.04E-03	Upper
840-43	0.742	-0.197	0.89	21	1951	2.53	1.55E-10	Lower
840-43	0.733	-0.207	0.86	20	1951	3.05	3.41E-09	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-43	1.103	-1.141	0.80	24	1951	12.57	3.35E-09	Upper
848-01	0.872	-0.170	0.70	38	1982	11.23	5.70E-11	Lower
848-01	1.384	-1.163	0.55	42	1982	56.19	1.78E-08	Middle
848-01	1.611	-1.584	0.77	44	1982	30.62	7.66E-15	Upper
853-33	1.702	-1.616	0.85	13	1982	6.31	8.03E-06	Upper
853-36	1.778	-1.468	0.84	24	1981	14.69	2.48E-10	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-12	1.626	-1.243	1.00	15	1976	0.05	2.74E-19	Lower
450-12	1.440	-1.443	1.00	13	1976	0.00	8.67E-172	Middle
450-12	1.399	-1.488	1.00	18	1976	0.04	5.71E-25	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-12	1.807	-0.892	0.95	18	1976	3.71	5.08E-12	Lower
450-12	1.853	-0.997	1.00	14	1976	0.00	2.48E-27	Middle
450-12	1.606	-1.264	0.97	23	1976	2.33	3.53E-18	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-10	0.766	0.481	0.94	48	1994	0.91	3.38E-30	Lower
450-10	0.776	0.340	0.95	44	1994	0.71	4.87E-29	Middle
450-10	0.812	0.172	0.95	54	1994	1.10	1.37E-34	Upper
450-11	0.737	0.493	0.90	309	1992	12.11	8.14E-158	Lower
450-11	0.862	0.221	0.93	309	1994	11.40	9.09E-181	Middle
450-11	0.911	-0.002	0.87	322	1994	26.69	2.65E-143	Upper
450-12	1.248	-0.569	0.88	90	1976	14.25	9.30E-43	Lower
450-12	1.561	-1.305	0.99	87	1976	0.80	3.04E-99	Middle
450-12	1.439	-1.434	0.98	95	1976	3.16	1.43E-80	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-04	1.609	-1.644	0.50	137	1993	216.46	2.66E-22	Middle
450-04	1.472	-1.767	0.51	142	1993	187.16	3.91E-23	Upper
450-06	1.882	-0.565	0.91	81	1973	32.33	3.83E-42	Lower
450-06	1.952	-0.863	0.98	80	1973	5.04	1.61E-72	Middle
450-06	1.712	-1.130	0.98	87	1973	4.17	6.14E-79	Upper
450-10	1.478	-1.844	0.55	159	1989	154.79	3.71E-29	Middle
450-10	1.395	-1.902	0.58	170	1990	139.28	3.82E-33	Upper
450-18	1.663	-0.850	0.71	52	1971	55.03	3.51E-15	Lower
450-18	1.663	-1.286	0.85	53	1965	24.68	1.10E-22	Middle
450-18	1.589	-1.347	0.86	59	1971	24.81	8.96E-26	Upper
450-30	1.592	-1.011	0.80	135	1978	121.29	1.21E-47	Lower
450-30	1.661	-1.405	0.89	134	1976	61.67	1.21E-65	Middle
450-30	1.517	-1.551	0.88	145	1976	61.83	1.30E-67	Upper
450-38	1.844	-0.837	0.97	24	1981	3.92	6.90E-18	Lower
450-38	1.825	-1.024	1.00	26	1981	0.16	5.80E-36	Middle
450-38	1.672	-1.171	0.97	33	1988	3.90	5.66E-25	Upper
450-90	1.612	-1.315	0.63	260	1977	295.68	2.28E-57	Lower
450-90	1.537	-1.600	0.74	261	1977	162.32	5.11E-77	Middle
450-90	1.451	-1.668	0.74	270	1977	151.95	2.39E-80	Upper
450-91	1.588	-1.395	0.67	459	1989	236.03	9.60E-113	Middle
450-91	1.446	-1.542	0.69	469	2000	196.72	1.15E-120	Upper
451-02	1.470	-1.844	0.54	57	1994	66.39	7.99E-11	Upper
451-03	1.762	-1.215	0.69	37	2000	22.33	1.73E-10	Middle
451-03	1.470	-1.528	0.65	38	2000	19.33	9.94E-10	Upper
451-04	1.221	-1.865	0.51	103	1998	73.13	2.66E-17	Upper
452-90	1.365	-1.772	0.57	118	1990	128.83	4.02E-23	Middle
452-90	1.306	-1.831	0.58	125	1990	125.76	1.06E-24	Upper
453-01	1.423	0.397	0.61	65	2000	54.14	1.15E-14	Lower
453-01	2.428	-0.364	0.99	66	2000	2.01	1.83E-69	Middle
453-01	2.069	-0.778	0.91	70	2000	21.03	1.76E-36	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-03	1.743	-1.452	0.66	255	1964	321.14	5.63E-61	Middle
450-03	1.528	-1.666	0.65	264	1964	277.72	6.35E-61	Upper
450-04	0.782	0.854	0.88	197	1996	11.52	3.94E-90	Lower
450-04	1.637	-0.382	0.57	196	1993	262.15	1.39E-37	Middle
450-04	1.839	-1.438	0.66	203	1993	236.32	6.74E-49	Upper
450-05	1.906	-1.096	0.72	190	1990	201.61	8.44E-54	Middle
450-05	1.864	-1.138	0.73	198	1991	191.20	4.67E-58	Upper
450-06	1.347	0.217	0.77	58	1973	31.49	2.61E-19	Lower
450-06	2.057	-0.747	0.98	58	1973	4.33	9.27E-51	Middle
450-06	1.788	-1.029	0.97	64	1973	5.91	1.36E-49	Upper
450-12	1.750	-0.822	0.82	16	1976	6.86	1.25E-06	Lower
450-12	1.661	-1.203	0.99	19	1976	0.65	1.15E-17	Upper
450-13	1.550	-0.315	0.52	105	1976	185.18	4.80E-18	Lower
450-13	2.022	-0.936	0.84	106	1976	63.66	1.27E-43	Middle
450-13	1.765	-1.212	0.85	114	1976	54.79	1.06E-47	Upper
450-18	0.979	0.330	0.63	85	1965	45.78	1.27E-19	Lower
450-18	1.842	-0.869	0.85	84	1965	48.47	2.88E-35	Middle
450-18	1.665	-1.234	0.88	92	1971	33.29	8.55E-43	Upper
450-30	1.346	-0.787	0.68	112	1976	131.53	7.54E-29	Lower
450-30	1.627	-1.454	0.87	116	1976	59.87	4.59E-53	Middle
450-30	1.431	-1.647	0.86	122	1976	54.11	4.48E-53	Upper
450-34	1.392	-1.863	0.50	96	1989	96.12	8.11E-16	Upper
450-38	1.914	-0.931	1.00	10	1981	0.00	1.25E-128	Lower
450-38	1.998	-0.840	1.00	9	1981	0.00	2.01E-109	Middle
450-38	1.862	-0.990	1.00	15	1988	0.19	7.82E-18	Upper
450-90	1.491	-0.319	0.53	327	1977	563.96	1.23E-55	Lower
450-90	1.871	-1.299	0.81	329	1977	233.76	5.99E-121	Middle
450-90	1.598	-1.537	0.82	337	1977	170.89	4.66E-125	Upper
450-91	1.109	0.688	0.77	644	1989	172.62	2.86E-206	Lower
450-91	2.205	-0.629	0.91	645	1989	235.80		Middle
450-91	1.839	-1.127	0.84	652	1989	299.62	1.09E-262	Upper
451-02	1.982	-1.120	0.60	55	2001	102.42	4.03E-12	Middle
451-02	1.763	-1.604	0.65	63	1994	75.99	1.59E-15	Upper
452-90	1.475	-0.681	0.55	252	1990	354.59	3.40E-45	Middle
452-90	1.775	-1.348	0.74	258	2001	225.25	2.54E-76	Upper
453-01	1.165	-1.745	0.55	43	2000	4.61	1.32E-08	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-03	1.839	-1.102	0.66	319	1964	500.48	1.29E-76	Middle
450-03	1.892	-1.242	0.72	330	1993	422.23	1.96E-92	Upper
450-04	0.608	1.044	0.85	269	1996	10.16	6.31E-113	Lower
450-04	0.678	0.877	0.87	271	1993	10.81	1.40E-122	Middle
450-05	0.842	0.753	0.87	266	1991	21.68	2.71E-119	Lower
450-05	0.908	0.556	0.85	267	1991	30.97	1.50E-109	Middle
450-05	2.176	-0.658	0.88	274	1990	135.42	1.75E-127	Upper
450-06	0.778	0.632	0.92	277	1973	7.01	5.08E-151	Lower
450-06	0.781	0.490	0.95	274	1973	4.32	3.96E-175	Middle
450-06	0.778	0.381	0.94	283	1973	5.27	3.91E-172	Upper
450-08	1.790	0.697	0.66	10	1974	10.04	4.14E-03	Lower
450-08	2.154	-0.799	0.69	8	1974	10.65	1.03E-02	Middle
450-08	1.747	-1.323	0.52	13	1974	23.76	5.65E-03	Upper
450-10	0.501	1.092	0.69	351	1989	23.34	6.90E-91	Lower
450-10	0.609	0.742	0.81	348	1994	17.46	3.36E-128	Middle
450-10	1.477	-0.420	0.53	361	1990	419.38	5.12E-60	Upper
450-11	0.675	0.616	0.86	301	1992	16.71	1.54E-129	Lower
450-11	0.866	0.308	0.89	301	1992	19.71	3.80E-148	Middle
450-11	1.131	-0.119	0.72	314	1975	118.10	1.74E-87	Upper
450-12	1.220	-0.475	0.85	42	1976	15.43	7.43E-18	Lower
450-12	1.578	-1.285	0.99	39	1976	1.02	5.71E-41	Middle
450-12	1.490	-1.373	0.97	46	1976	3.84	4.61E-36	Upper
450-13	0.604	0.753	0.80	261	1976	22.98	2.33E-91	Lower
450-13	0.709	0.391	0.76	264	1976	39.04	2.77E-83	Middle
450-13	1.087	-0.215	0.63	274	1976	175.49	4.75E-61	Upper
450-14	1.692	-1.473	0.85	219	1970	150.35	2.20E-91	Middle
450-14	1.670	-1.487	0.85	226	1970	155.46	8.48E-93	Upper
450-15	1.655	-1.451	0.61	49	1980	66.07	2.84E-11	Middle
450-15	1.853	-1.498	0.77	57	1980	52.52	3.84E-19	Upper
450-18	0.877	0.578	0.74	268	1968	36.40	3.06E-80	Lower
450-18	0.903	0.370	0.66	267	1965	57.41	6.55E-64	Middle
450-18	1.225	-0.072	0.70	275	1971	90.70	4.48E-73	Upper
450-30	1.011	-0.012	0.72	336	1976	110.69	2.59E-94	Lower
450-30	1.000	-0.199	0.69	333	1976	124.37	4.88E-87	Middle
450-30	1.601	-1.153	0.87	348	1978	112.11	1.86E-153	Upper
450-34	2.001	-1.076	0.69	142	1989	196.38	2.01E-37	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-34	2.083	-1.221	0.76	151	1989	155.70	1.27E-48	Upper
450-36	2.013	-1.176	0.79	211	1990	178.25	9.97E-74	Middle
450-36	1.921	-1.270	0.79	218	1990	168.43	6.34E-76	Upper
450-38	0.854	0.317	0.96	95	1988	1.57	2.72E-68	Lower
450-38	0.892	0.120	0.95	99	1988	2.75	4.28E-63	Middle
450-38	0.844	-0.058	0.87	106	1981	6.22	1.42E-48	Upper
450-43	0.981	0.868	0.96	27	1993	0.66	2.65E-19	Lower
450-43	1.866	0.293	0.69	27	1991	26.27	9.27E-08	Middle
450-43	2.457	-0.302	0.98	34	1993	2.95	1.09E-28	Upper
450-90	1.280	-0.161	0.53	588	1977	674.00	2.52E-99	Middle
450-90	2.068	-1.017	0.87	599	1977	317.87	4.46E-262	Upper
450-91	0.774	1.012	0.91	967	1989	38.80		Lower
450-91	0.858	0.791	0.92	966	1989	40.43		Middle
450-91	1.032	0.323	0.67	977	2000	358.23	1.20E-235	Upper
451-01	0.532	1.011	0.75	99	1999	5.57	4.44E-31	Lower
451-01	0.636	0.765	0.82	99	1999	5.45	1.10E-37	Middle
451-02	0.590	1.070	0.86	95	1994	3.08	1.21E-41	Lower
451-02	0.642	0.814	0.50	96	1994	21.83	7.88E-16	Middle
451-03	0.835	0.708	0.93	69	1994	2.34	1.19E-39	Lower
451-03	0.928	0.516	0.97	70	2000	1.24	2.02E-52	Middle
451-03	1.452	0.046	0.69	73	2000	42.19	1.25E-19	Upper
451-04	0.544	0.631	0.73	231	1998	17.75	3.73E-66	Lower
451-04	0.820	0.197	0.80	231	1996	26.38	4.69E-82	Middle
451-04	1.731	-0.910	0.77	239	1996	142.88	4.70E-78	Upper
451-05	0.476	0.813	0.63	245	2004	20.27	8.32E-55	Lower
451-05	0.465	0.594	0.58	246	2004	24.32	5.86E-48	Middle
451-06	0.619	0.895	0.79	244	2004	14.65	8.47E-85	Lower
451-06	0.651	0.672	0.67	240	1999	29.53	1.30E-59	Middle
451-08	0.978	1.140	0.97	159	2004	1.62	1.39E-118	Lower
451-08	0.975	0.984	0.99	162	2004	0.54	8.80E-160	Middle
451-31	0.450	1.062	0.77	12	1994	0.26	1.81E-04	Lower
451-31	0.475	1.023	0.77	14	1994	0.47	4.04E-05	Middle
451-31	0.461	0.939	0.78	18	1994	0.45	1.04E-06	Upper
452-90	0.618	0.881	0.83	355	2001	17.36	9.27E-138	Lower
452-90	0.817	0.532	0.92	355	2001	13.06	1.36E-195	Middle
452-90	0.951	0.185	0.78	364	2001	57.53	4.00E-121	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
453-01	0.933	0.700	0.97	109	2000	1.68	1.39E-86	Lower
453-01	0.945	0.513	0.98	109	2000	1.11	1.46E-96	Middle
453-01	1.690	-0.152	0.76	114	2000	67.49	2.01E-36	Upper
454-01	0.609	0.916	0.78	201	2002	13.23	2.54E-67	Lower
454-01	0.674	0.690	0.80	203	2002	14.83	8.55E-72	Middle
454-03	0.664	0.445	0.82	107	1999	6.02	7.81E-41	Lower
454-03	0.714	0.126	0.85	108	1999	5.62	4.71E-45	Middle
454-03	1.333	-0.735	0.60	111	1999	75.40	1.58E-23	Upper
454-04	0.831	1.375	0.92	9	2001	0.31	5.25E-05	Lower
455-05	0.653	0.853	0.82	628	2002	31.93	6.74E-235	Lower
455-05	0.667	0.643	0.86	629	2002	24.94	1.07E-268	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
450-03	1.892	-1.250	0.69	304	1964	421.98	6.60E-79	Middle
450-03	1.688	-1.501	0.67	313	1963	392.07	6.60E-76	Upper
450-04	0.515	1.116	0.63	233	1996	23.00	2.27E-51	Lower
450-04	1.995	-1.274	0.67	239	1996	294.38	1.22E-58	Upper
450-05	2.137	-0.854	0.72	197	1990	255.59	1.92E-56	Middle
450-05	2.084	-0.905	0.73	204	1991	243.59	7.98E-60	Upper
450-06	0.877	0.390	0.87	98	1973	10.07	1.23E-44	Lower
450-06	1.808	-0.766	0.91	94	1973	26.68	1.23E-50	Middle
450-06	1.794	-0.957	0.93	104	1973	21.20	4.73E-62	Upper
450-10	1.974	-1.416	0.62	180	1989	250.52	1.08E-39	Middle
450-10	1.855	-1.515	0.64	193	1990	228.31	1.44E-44	Upper
450-11	0.683	1.168	0.81	197	1994	14.22	1.40E-72	Lower
450-11	0.995	0.857	0.87	199	1992	20.49	9.26E-88	Middle
450-11	2.218	-0.378	0.73	205	1975	252.56	1.02E-59	Upper
450-12	1.070	0.157	1.00	24	1976	0.00	8.87E-64	Lower
450-12	1.070	0.156	1.00	24	1976	0.00		Middle
450-12	1.923	-0.916	1.00	27	1976	0.08	2.02E-41	Upper
450-13	1.891	-0.884	0.77	146	1976	143.82	2.18E-47	Middle
450-13	2.007	-1.026	0.85	153	1972	103.14	2.61E-63	Upper
450-15	1.277	-1.959	0.57	46	1980	34.04	1.14E-09	Upper
450-18	1.719	-0.502	0.81	152	1965	82.98	3.55E-56	Lower
450-18	1.936	-0.948	0.92	158	1965	42.38	2.08E-85	Middle
450-18	1.724	-1.160	0.90	159	1971	42.36	1.74E-79	Upper
450-30	1.472	-0.821	0.70	117	1976	149.37	5.98E-32	Lower
450-30	1.639	-1.413	0.87	117	1976	64.04	6.90E-53	Middle
450-30	1.460	-1.585	0.85	128	1976	65.65	1.19E-53	Upper
450-38	1.950	-0.887	0.99	15	1981	0.45	3.58E-14	Lower
450-38	1.816	-1.035	1.00	15	1981	0.10	4.36E-17	Middle
450-38	1.752	-1.098	0.98	19	1988	1.11	3.72E-16	Upper
450-43	1.478	-1.455	0.57	24	1993	19.58	1.84E-05	Upper
450-90	2.078	-1.053	0.85	455	1977	303.71	6.95E-192	Middle
450-90	1.886	-1.228	0.84	459	1977	275.74	6.71E-186	Upper
450-91	0.800	0.999	0.79	719	1989	91.52	1.67E-243	Lower
450-91	1.539	0.285	0.67	715	1989	608.36	6.10E-175	Middle
450-91	2.140	-0.617	0.89	728	1989	309.58		Upper
451-01	1.850	-1.209	0.57	73	1999	119.91	1.55E-14	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
451-01	1.659	-1.692	0.58	80	2001	97.16	1.70E-16	Upper
451-02	1.850	-1.550	0.67	80	1994	86.41	1.58E-20	Upper
451-06	1.470	-1.840	0.53	194	2004	207.13	2.94E-33	Upper
452-90	1.542	-0.653	0.56	221	1990	353.26	2.75E-41	Lower
452-90	1.891	-1.296	0.79	224	2001	188.77	2.61E-76	Middle
452-90	1.710	-1.466	0.76	230	1990	176.55	1.64E-73	Upper
453-01	1.223	-1.694	0.59	46	2000	9.39	5.06E-10	Upper
454-04	1.889	-0.496	0.57	8	2001	10.12	3.03E-02	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-02	0.946	0.647	0.91	7	1960	0.46	7.75E-04	Lower
007-02	2.025	-0.309	0.85	6	1950	3.07	8.47E-03	Middle
007-02	1.974	-0.843	0.83	13	1960	8.30	1.36E-05	Upper
008-03	2.487	-0.316	1.00	42	1951	0.00		Middle
008-03	2.186	-0.639	0.99	45	1954	0.85	1.84E-42	Upper
008-04	1.813	-1.320	0.83	28	1972	18.98	1.23E-11	Middle
008-04	1.687	-1.492	0.82	35	1972	23.21	9.99E-14	Upper
008-30	1.618	-1.546	0.58	11	1997	10.81	6.80E-03	Upper
010-06	1.343	0.123	0.62	9	1954	8.88	1.19E-02	Lower
010-06	1.908	-0.939	1.00	10	1954	0.08	3.18E-12	Middle
010-06	1.683	-1.036	0.92	17	1954	5.28	1.14E-09	Upper
011-01	1.069	0.354	0.99	4	1982	0.06	7.25E-03	Middle
011-01	1.778	-1.055	0.75	12	1947	12.65	2.89E-04	Upper
015-31	2.132	-0.707	0.99	12	1966	0.40	4.35E-11	Upper
016-01	0.503	1.283	0.60	161	1977	21.71	2.43E-33	Lower
016-01	0.768	0.783	0.73	160	1977	27.34	9.78E-47	Middle
016-01	1.911	-0.951	0.80	174	1978	128.15	3.13E-61	Upper
019-02	1.278	0.036	0.87	35	1981	8.30	2.70E-16	Lower
019-02	1.846	-0.998	1.00	37	1982	0.45	5.26E-44	Middle
019-02	1.705	-1.105	0.96	42	1982	4.16	1.05E-30	Upper
020-02	1.591	-1.767	0.58	90	1957	91.84	4.44E-18	Middle
020-02	1.425	-1.897	0.57	95	1959	78.28	6.06E-19	Upper
020-06	1.313	-1.881	0.67	145	1963	90.60	5.20E-36	Middle
020-06	1.238	-1.945	0.69	148	1963	80.50	3.68E-39	Upper
022-03	1.468	-0.749	0.87	5	1962	2.68	2.06E-02	Lower
022-03	1.531	-1.348	1.00	6	1962	0.00	1.01E-10	Middle
022-03	1.474	-1.409	0.98	11	1962	0.64	2.34E-09	Upper
023-01	0.971	0.753	0.64	86	1998	30.67	2.92E-20	Lower
023-01	1.723	-1.144	0.53	87	1997	155.90	1.41E-15	Middle
023-01	1.686	-1.449	0.60	96	1971	120.93	1.44E-20	Upper
023-05	1.524	-1.777	0.51	21	1979	22.74	2.87E-04	Upper
023-10	0.940	0.792	1.00	3	1990	0.00	1.73E-19	Lower
023-10	0.921	0.485	0.92	8	1952	0.48	1.71E-04	Middle
024-05	1.464	-1.713	0.65	11	1961	7.84	2.77E-03	Upper
024-06	0.522	1.158	0.76	59	2002	4.06	1.48E-19	Lower
024-06	0.691	0.645	0.83	60	2002	4.94	3.31E-24	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
024-06	1.381	-0.718	0.72	67	2002	40.43	1.85E-19	Upper
025-01	0.806	1.474	0.83	27	2002	1.63	5.61E-11	Lower
025-01	1.696	-1.619	0.51	32	2004	45.95	4.61E-06	Upper
025-07	0.858	0.795	0.93	45	1978	2.34	4.64E-26	Lower
025-07	1.826	-0.450	0.89	47	1978	17.96	5.21E-23	Middle
025-07	1.856	-0.920	0.95	51	1978	7.91	1.06E-33	Upper
026-06	2.105	-0.986	0.67	25	1995	37.87	6.22E-07	Middle
026-06	2.006	-1.244	0.63	32	1995	45.91	6.20E-08	Upper
026-10	0.866	-0.060	0.98	5	1972	0.07	1.04E-03	Lower
026-10	1.688	-1.179	1.00	3	1972	0.00	3.69E-17	Middle
026-10	1.524	-1.332	0.97	12	1967	0.87	9.85E-09	Upper
030-02	1.669	-1.199	1.00	11	1945	0.01	4.29E-17	Lower
030-02	1.616	-1.257	1.00	7	1976	0.01	5.28E-10	Middle
030-02	1.537	-1.336	0.98	18	1976	1.33	7.87E-15	Upper
034-30	0.917	0.963	0.98	9	1970	0.14	2.22E-07	Lower
034-30	0.879	0.838	0.94	12	1970	0.36	1.53E-07	Middle
034-30	1.142	0.228	0.74	15	1970	6.19	3.43E-05	Upper
046-32	0.673	0.784	0.83	39	1969	4.68	5.21E-16	Lower
046-32	1.433	-0.717	0.73	39	1969	37.81	3.52E-12	Middle
046-32	1.638	-1.647	0.86	47	1969	26.83	1.21E-20	Upper
050-06	1.627	-1.005	0.68	49	1988	70.31	4.03E-13	Lower
050-06	1.712	-1.486	0.80	47	1980	40.93	4.00E-17	Middle
050-06	1.616	-1.594	0.78	58	1988	46.03	2.44E-20	Upper
053-08	1.384	0.179	0.67	33	1957	25.63	4.90E-09	Lower
053-08	2.265	-0.536	0.99	34	1957	1.72	1.33E-31	Middle
053-08	1.876	-0.920	0.97	38	1957	4.09	1.55E-28	Upper
053-09	2.321	-0.495	1.00	3	1992	0.00	9.95E-17	Middle
053-09	1.749	-1.303	0.83	9	1976	6.54	6.06E-04	Upper
074-01	1.015	0.407	0.83	13	1998	1.46	1.30E-05	Lower
077-05	1.740	-0.688	0.87	11	1992	5.66	2.58E-05	Lower
077-05	1.897	-0.953	1.00	9	1992	0.01	1.47E-13	Middle
077-05	1.782	-1.022	0.95	15	1992	2.50	4.09E-10	Upper
102-03	1.562	-0.855	0.88	8	1965	4.28	5.61E-04	Lower
102-03	1.650	-1.219	1.00	9	1965	0.01	1.12E-13	Middle
102-03	1.639	-1.228	0.99	14	1965	0.57	1.13E-13	Upper
148-01	1.390	-1.581	0.83	12	1971	2.46	3.50E-05	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
148-01	1.290	-1.779	0.76	17	1971	6.30	5.58E-06	Upper
148-02	1.784	-1.074	1.00	7	1971	0.00	2.13E-87	Middle
148-02	1.521	-1.358	1.00	10	1971	0.08	4.39E-11	Upper
195-04	0.681	0.921	0.82	24	1990	1.24	1.24E-09	Lower
195-04	0.646	0.749	0.80	26	1990	1.63	8.34E-10	Middle
195-04	0.566	0.550	0.62	30	1990	3.09	2.30E-07	Upper
249-01	1.177	-0.227	0.87	24	1974	4.32	2.95E-11	Lower
249-01	1.679	-1.183	0.99	23	1974	0.43	1.11E-24	Middle
249-01	1.530	-1.338	0.98	33	1974	1.56	1.41E-26	Upper
254-01	0.945	0.082	0.98	16	1960	0.44	1.78E-13	Lower
254-01	1.518	-1.359	0.98	18	1939	1.34	3.05E-15	Middle
254-01	1.426	-1.445	0.93	30	1954	5.87	2.31E-17	Upper
254-02	1.471	-0.056	0.56	76	1977	116.12	8.10E-15	Lower
254-02	2.221	-0.983	0.84	79	1977	64.17	1.70E-32	Middle
254-02	2.041	-1.155	0.85	84	1977	53.11	7.91E-36	Upper
283-08	1.827	-1.029	1.00	16	1981	0.00	1.54E-223	Lower
283-08	1.750	-1.112	1.00	15	1981	0.00	1.48E-207	Middle
283-08	1.682	-1.184	1.00	19	1981	0.17	6.84E-22	Upper
373-01	2.077	-0.330	0.86	24	1990	15.51	9.00E-11	Lower
373-01	2.241	-0.577	0.99	24	1990	0.71	1.79E-25	Middle
373-01	2.115	-0.712	0.99	27	1990	1.52	8.68E-25	Upper
832-32	1.390	-1.279	0.63	20	1961	25.99	3.19E-05	Lower
832-32	1.173	-2.072	0.62	20	1961	16.37	3.63E-05	Middle
832-32	1.304	-1.943	0.74	24	1961	17.52	6.79E-08	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-02	1.675	-1.546	0.75	8	1950	5.85	5.43E-03	Upper
008-03	2.984	0.220	1.00	30	1951	0.00		Middle
008-03	2.764	-0.016	1.00	32	1951	0.18	1.13E-36	Upper
008-04	1.361	-1.770	0.65	21	1972	12.34	1.12E-05	Middle
008-04	1.604	-1.595	0.81	33	1972	20.92	8.59E-13	Upper
010-06	1.654	-0.448	0.63	7	1954	7.06	3.21E-02	Lower
010-06	1.858	-1.002	1.00	11	1965	0.10	3.28E-13	Upper
015-31	3.034	0.274	1.00	8	1965	0.00	4.97E-94	Middle
015-31	1.828	-1.015	0.98	11	1966	0.44	1.56E-08	Upper
016-01	1.524	-1.647	0.69	71	1977	51.43	2.46E-19	Middle
016-01	1.528	-1.639	0.73	80	1977	55.06	1.20E-23	Upper
019-02	1.719	-0.522	0.85	13	1982	9.30	8.32E-06	Lower
019-02	1.909	-0.939	1.00	14	1982	0.13	7.96E-18	Middle
019-02	1.657	-1.166	0.96	18	1982	3.09	3.21E-12	Upper
020-02	0.749	1.090	0.86	113	1959	6.16	1.08E-49	Lower
020-02	0.558	0.818	0.67	113	1959	10.90	3.60E-28	Middle
020-02	1.790	-1.514	0.66	119	1994	118.75	1.93E-29	Upper
020-06	1.082	-2.063	0.51	137	1963	82.65	1.67E-22	Upper
024-05	2.083	-1.133	0.82	19	1961	14.09	1.03E-07	Upper
024-06	1.536	-1.119	0.73	22	1975	23.18	4.76E-07	Lower
024-06	1.489	-1.664	0.85	21	1975	9.05	2.74E-09	Middle
024-06	1.457	-1.700	0.84	29	2002	13.58	3.35E-12	Upper
026-02	0.955	0.602	0.58	102	1963	39.45	9.84E-21	Lower
030-02	1.454	-1.430	1.00	7	1976	0.05	1.45E-07	Upper
034-30	0.901	0.508	0.96	6	1975	0.21	5.39E-04	Lower
034-30	1.011	0.404	0.98	6	1970	0.09	8.95E-05	Middle
034-30	1.490	-0.779	0.81	12	1970	6.44	6.64E-05	Upper
046-32	1.603	-1.539	0.83	34	1969	22.39	5.37E-14	Middle
046-32	1.475	-1.853	0.83	40	1969	22.75	3.03E-16	Upper
050-06	1.744	-1.456	0.69	41	1980	53.42	1.44E-11	Lower
050-06	1.664	-1.497	0.69	38	1980	44.49	9.54E-11	Middle
050-06	1.586	-1.601	0.72	50	1988	49.29	5.28E-15	Upper
050-07	1.994	-1.240	0.52	97	1988	227.40	1.24E-16	Lower
050-07	1.849	-1.530	0.53	95	1988	179.43	4.76E-17	Middle
050-07	1.667	-1.677	0.54	101	1988	149.74	2.13E-18	Upper
053-08	2.423	0.131	0.59	22	1957	22.09	3.24E-05	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-08	1.879	-0.960	0.96	23	1957	1.39	1.95E-16	Middle
053-08	2.057	-0.741	0.95	27	1957	3.97	8.71E-18	Upper
077-05	1.647	-1.223	1.00	7	1992	0.00	5.99E-80	Middle
077-05	1.823	-0.978	0.88	9	1992	3.04	1.68E-04	Upper
102-03	1.744	-1.118	1.00	6	1965	0.00	2.38E-65	Middle
102-03	1.652	-1.218	1.00	9	1965	0.01	2.27E-14	Upper
148-01	1.543	-1.511	0.77	18	1971	9.23	1.90E-06	Upper
195-04	0.956	0.512	0.99	7	1990	0.05	2.81E-06	Lower
195-04	1.655	-0.208	0.83	8	1990	4.11	1.75E-03	Middle
195-04	1.916	-0.892	0.97	11	1990	1.07	3.91E-08	Upper
249-01	0.974	0.282	0.99	19	1974	0.20	3.07E-18	Lower
249-01	1.099	-0.204	0.88	24	1974	3.97	9.89E-12	Middle
249-01	1.541	-1.321	0.96	27	1974	2.49	4.36E-19	Upper
254-01	0.925	0.001	0.99	14	1939	0.25	6.83E-13	Lower
254-01	1.043	-0.369	0.87	13	1960	3.39	3.77E-06	Middle
254-01	1.382	-1.505	0.95	25	1954	3.54	2.41E-16	Upper
254-02	1.248	-1.932	0.51	35	1977	26.44	1.47E-06	Middle
254-02	1.449	-1.756	0.74	42	1977	24.80	3.13E-13	Upper
832-32	0.847	-2.311	0.53	20	1961	10.45	2.93E-04	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-02	0.542	1.332	0.85	10	1960	0.41	1.57E-04	Lower
007-02	0.717	0.748	0.85	11	1960	1.24	5.63E-05	Middle
007-02	0.861	0.617	0.67	21	1960	6.40	5.49E-06	Upper
008-03	1.012	0.626	0.98	69	1951	1.58	1.55E-56	Lower
008-03	2.138	-0.453	0.93	71	1951	21.73	2.85E-42	Middle
008-03	2.196	-0.613	0.99	75	1951	3.87	4.36E-73	Upper
008-04	1.178	-0.185	0.61	65	1972	56.41	1.50E-14	Middle
008-04	1.910	-1.172	0.87	78	1972	38.99	2.52E-35	Upper
008-30	0.701	0.769	0.89	17	1997	0.63	9.80E-09	Lower
008-30	0.792	0.546	0.91	19	1997	0.76	2.12E-10	Middle
008-30	1.564	-0.329	0.56	23	1997	26.16	3.79E-05	Upper
010-06	0.649	0.851	0.87	22	1954	1.33	2.97E-10	Lower
010-06	0.803	0.563	0.89	23	1954	1.67	2.49E-11	Middle
010-06	1.060	0.030	0.84	32	1954	6.04	1.26E-13	Upper
011-01	0.489	1.172	0.78	5	1947	0.31	4.66E-02	Lower
011-01	0.718	0.542	0.87	5	1947	0.46	1.98E-02	Middle
011-01	0.933	0.477	0.72	13	1982	4.62	2.58E-04	Upper
015-04	1.139	0.815	0.93	4	1981	0.16	3.31E-02	Middle
015-08	0.891	0.278	0.98	7	1967	0.11	2.96E-05	Lower
015-08	1.037	0.121	1.00	3	1967	0.01	2.34E-02	Middle
015-08	0.969	0.060	0.98	13	1967	0.23	2.01E-10	Upper
015-31	0.889	0.495	0.97	16	1965	0.32	2.67E-12	Lower
015-31	0.956	0.326	0.95	18	1980	0.95	1.45E-11	Middle
015-31	1.435	-0.416	0.82	28	1965	13.00	3.92E-11	Upper
016-01	0.509	1.050	0.79	189	1977	9.79	2.18E-65	Lower
016-01	0.749	0.690	0.81	189	1978	18.42	4.74E-70	Middle
016-01	0.953	0.274	0.66	202	1977	70.17	8.79E-49	Upper
019-02	0.856	0.455	0.96	52	1981	1.01	6.31E-38	Lower
019-02	0.993	0.135	0.95	58	1982	1.83	6.56E-39	Middle
019-02	0.942	0.071	0.95	61	1982	2.13	4.49E-39	Upper
020-02	0.536	1.172	0.80	162	1959	6.78	6.54E-58	Lower
020-02	0.530	1.084	0.80	159	1959	6.37	3.13E-57	Middle
020-02	0.536	0.962	0.74	169	1959	10.07	3.28E-50	Upper
020-04	0.758	1.184	0.90	28	2002	0.80	2.32E-14	Lower
020-04	0.737	1.076	0.90	29	2002	0.76	9.23E-15	Middle
020-06	0.431	0.930	0.78	300	1963	19.12	2.17E-99	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
020-06	0.659	0.566	0.68	295	1963	73.76	3.35E-74	Middle
020-06	0.876	0.191	0.68	310	1963	132.97	1.81E-78	Upper
022-03	0.931	0.008	0.99	15	1959	0.09	1.10E-15	Lower
022-03	0.899	-0.027	1.00	14	1962	0.05	4.56E-16	Middle
022-03	1.257	-0.637	0.90	23	1962	4.16	6.31E-12	Upper
022-04	0.853	0.257	0.97	9	1992	0.30	1.67E-06	Lower
022-04	0.952	0.030	1.00	6	1972	0.02	2.33E-06	Middle
022-04	1.252	-0.337	0.72	24	1972	12.33	1.66E-07	Upper
023-01	0.787	1.106	0.93	118	1999	3.83	2.68E-67	Lower
023-01	0.858	0.901	0.95	118	1997	3.00	2.23E-77	Middle
023-05	0.677	1.201	0.83	21	1979	1.03	7.88E-09	Lower
023-05	0.709	1.028	0.88	24	1979	0.85	1.01E-11	Middle
024-01	0.809	0.183	0.97	4	1972	0.10	1.53E-02	Lower
024-01	0.931	0.016	0.97	6	1972	0.19	2.68E-04	Middle
024-01	0.870	-0.018	0.92	9	1972	0.65	5.31E-05	Upper
024-05	0.534	1.244	0.87	15	1961	0.53	4.18E-07	Lower
024-05	0.750	1.053	0.77	14	1961	1.84	3.68E-05	Middle
024-05	1.144	0.465	0.52	24	1961	21.17	6.70E-05	Upper
024-06	0.469	1.086	0.83	68	2002	2.24	2.67E-27	Lower
024-06	0.750	0.640	0.86	70	2002	5.01	1.44E-30	Middle
024-06	1.438	-0.432	0.69	76	1975	51.15	1.13E-20	Upper
025-01	0.755	1.437	0.87	28	1967	1.03	3.32E-13	Lower
025-01	0.740	1.268	0.88	30	2002	1.11	1.36E-14	Middle
025-03	0.961	0.639	0.97	15	2004	0.23	5.58E-11	Lower
025-03	1.012	0.481	0.99	16	2003	0.07	9.39E-16	Middle
025-06	0.776	0.706	0.85	89	2002	4.09	3.07E-37	Lower
025-06	0.771	0.456	0.91	87	2002	2.27	1.90E-45	Middle
025-07	0.837	0.599	0.95	78	1978	1.63	2.74E-52	Lower
025-07	0.814	0.536	0.95	83	1978	1.73	7.87E-55	Middle
025-07	0.831	0.428	0.95	84	1978	1.94	2.67E-54	Upper
026-02	0.680	1.120	0.89	155	1951	5.61	1.02E-75	Lower
026-02	0.726	0.992	0.90	154	1963	6.33	2.50E-76	Middle
026-02	0.863	0.811	0.81	164	1963	18.02	4.05E-61	Upper
026-06	0.682	0.652	0.91	37	1995	0.83	3.76E-20	Lower
026-06	0.679	0.551	0.89	37	1995	1.20	3.02E-18	Middle
026-06	0.739	0.364	0.85	45	1995	2.11	1.63E-19	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
026-10	0.962	0.340	1.00	7	1972	0.01	1.48E-08	Lower
026-10	0.997	0.236	0.99	13	1972	0.12	3.99E-12	Middle
026-10	1.007	0.100	0.99	16	1967	0.12	2.63E-15	Upper
030-02	1.011	0.252	0.98	45	1945	0.51	1.87E-40	Lower
030-02	1.027	0.122	0.99	44	1976	0.27	3.28E-44	Middle
030-02	0.991	0.084	0.98	54	1976	0.62	6.84E-48	Upper
034-30	0.910	0.670	0.98	15	1970	0.14	3.07E-13	Lower
034-30	0.881	0.583	0.98	13	1970	0.12	5.66E-11	Middle
034-30	0.860	0.445	0.95	21	1970	0.56	4.45E-14	Upper
046-32	0.436	1.202	0.82	49	1969	2.64	6.92E-19	Lower
046-32	0.576	0.936	0.74	49	1969	7.23	3.26E-15	Middle
046-32	0.969	0.224	0.68	57	1969	30.86	4.47E-15	Upper
050-06	0.620	0.928	0.89	114	1988	4.45	8.32E-56	Lower
050-06	0.794	0.573	0.88	111	1988	8.15	3.78E-51	Middle
050-06	1.081	0.088	0.71	124	1980	48.51	2.53E-34	Upper
050-07	0.740	1.014	0.92	139	1988	3.84	2.20E-76	Lower
050-07	0.730	0.909	0.92	140	1988	3.76	7.66E-77	Middle
050-07	0.737	0.809	0.92	143	1988	4.07	1.60E-77	Upper
053-08	0.788	0.828	0.94	70	1957	2.41	4.42E-43	Lower
053-08	0.811	0.702	0.93	70	1957	2.94	3.73E-41	Middle
053-08	1.167	0.238	0.85	75	1957	15.36	6.87E-32	Upper
053-09	0.782	0.820	0.92	7	1976	0.42	5.89E-04	Lower
053-09	0.821	0.663	0.80	11	1976	1.33	2.09E-04	Middle
053-09	1.279	-0.200	0.59	19	1976	16.45	1.11E-04	Upper
074-01	0.825	1.130	0.95	18	1998	0.39	6.71E-12	Lower
074-01	0.841	1.075	0.95	19	1998	0.41	1.16E-12	Middle
077-05	0.746	0.721	0.90	39	1992	1.26	3.90E-20	Lower
077-05	0.732	0.625	0.92	36	1992	0.83	3.18E-20	Middle
077-05	0.738	0.551	0.92	45	1992	1.18	7.98E-25	Upper
102-03	0.971	0.051	0.99	22	1965	0.14	4.25E-24	Lower
102-03	0.921	-0.004	1.00	23	1965	0.06	2.86E-29	Middle
102-03	1.265	-0.632	0.89	28	1965	6.14	3.77E-14	Upper
148-01	0.625	0.903	0.79	33	1971	3.74	4.12E-12	Lower
148-01	0.940	0.325	0.90	29	1971	3.48	7.71E-15	Middle
148-01	0.962	0.289	0.85	41	1971	6.85	1.46E-17	Upper
148-02	0.969	0.330	0.99	20	1971	0.28	3.25E-19	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
148-02	1.001	0.081	1.00	17	1971	0.03	1.63E-23	Middle
148-02	0.928	0.005	0.95	24	1971	1.46	6.85E-16	Upper
195-03	0.823	0.424	0.87	10	1985	0.48	8.22E-05	Lower
195-03	0.767	0.221	0.79	12	1985	0.74	1.01E-04	Middle
195-03	0.788	0.060	0.87	16	1985	0.84	1.24E-07	Upper
195-04	0.769	0.885	0.92	23	1990	0.61	4.07E-13	Lower
195-04	0.818	0.742	0.96	27	1990	0.45	8.70E-19	Middle
195-04	0.830	0.577	0.94	29	1990	0.65	2.15E-18	Upper
245-90	0.807	1.068	0.94	13	1987	0.43	3.49E-08	Lower
245-90	1.750	-0.732	0.55	19	1987	35.87	2.57E-04	Upper
249-01	0.995	0.381	0.98	35	1974	0.34	1.14E-31	Lower
249-01	0.958	0.338	0.99	40	1974	0.38	2.19E-36	Middle
249-01	1.003	0.204	0.97	44	1974	0.82	4.55E-34	Upper
254-01	0.969	0.049	0.99	33	1939	0.32	3.49E-32	Lower
254-01	0.945	0.018	0.99	34	1954	0.28	8.90E-35	Middle
254-01	0.908	-0.020	0.99	48	1960	0.44	7.92E-45	Upper
254-02	0.497	1.104	0.82	91	1977	3.96	2.10E-35	Lower
254-02	0.713	0.753	0.76	93	1977	11.99	3.17E-30	Middle
254-02	1.016	0.258	0.70	99	1977	35.64	4.62E-27	Upper
283-08	0.960	0.366	0.99	60	1981	0.43	1.05E-62	Lower
283-08	0.939	0.279	0.99	57	1981	0.46	4.07E-58	Middle
283-08	0.993	0.080	0.98	66	1981	1.22	6.83E-57	Upper
283-09	1.783	-1.063	0.75	88	1986	75.55	8.02E-28	Middle
283-09	1.920	-1.146	0.84	99	1986	59.98	7.28E-41	Upper
373-01	0.950	0.483	0.95	42	1990	1.40	2.46E-28	Lower
373-01	1.007	0.199	0.99	41	1990	0.41	9.37E-39	Middle
373-01	0.982	0.065	0.99	45	1990	0.27	1.21E-46	Upper
424-05	1.008	1.019	0.99	35	1998	0.19	7.41E-34	Lower
832-32	0.533	0.799	0.88	35	1961	1.97	1.56E-16	Lower
832-32	0.733	0.447	0.78	36	1961	7.34	8.06E-13	Middle
832-32	1.125	-0.307	0.70	40	1961	29.48	1.53E-11	Upper
836-08	0.855	0.327	0.95	7	1982	0.46	2.42E-04	Lower
836-08	1.173	-0.301	0.84	11	1982	3.76	8.14E-05	Middle
836-08	1.688	-1.074	0.96	13	1951	2.04	4.73E-09	Upper
840-43	1.097	-0.316	0.90	16	1951	3.19	2.96E-08	Lower
840-43	1.576	-1.298	1.00	20	1951	0.11	6.80E-27	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-43	1.464	-1.422	0.99	21	1951	0.59	1.12E-20	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
007-02	1.910	-0.938	1.00	5	1960	0.00	3.53E-48	Middle
007-02	1.879	-0.582	0.77	11	1950	8.25	4.09E-04	Upper
008-03	2.230	-0.592	0.99	43	1954	0.40	3.94E-42	Upper
008-04	1.465	-1.415	0.59	26	1972	32.60	4.02E-06	Lower
008-04	1.708	-1.393	0.78	27	1972	18.95	8.79E-10	Middle
008-04	1.689	-1.485	0.83	37	1972	23.66	4.82E-15	Upper
008-30	1.580	-1.563	0.55	11	1997	11.29	8.71E-03	Upper
010-06	1.579	-1.296	1.00	7	1954	0.00	1.54E-78	Middle
010-06	1.853	-0.903	0.96	14	1954	2.52	1.01E-09	Upper
011-01	1.129	-0.398	0.78	7	1947	3.27	8.65E-03	Middle
011-01	1.571	-0.796	0.84	11	1947	5.04	8.23E-05	Upper
015-31	2.170	-0.640	0.98	9	1965	0.59	7.03E-07	Middle
015-31	1.859	-0.986	1.00	15	1966	0.21	4.76E-17	Upper
016-01	1.736	-1.429	0.79	93	2004	67.15	1.57E-32	Middle
016-01	1.622	-1.529	0.79	104	1977	64.70	1.10E-36	Upper
019-02	1.243	-0.357	0.74	20	1981	14.95	1.31E-06	Lower
019-02	1.602	-1.189	0.93	25	1982	5.38	4.14E-15	Middle
019-02	1.499	-1.276	0.91	28	1982	7.49	5.46E-15	Upper
020-02	1.654	-1.720	0.60	92	1957	95.76	2.05E-19	Middle
020-02	1.608	-1.749	0.62	103	1959	93.61	3.94E-23	Upper
020-06	0.995	-2.159	0.53	136	1963	62.94	5.49E-24	Middle
020-06	1.224	-1.957	0.65	144	1963	81.97	3.83E-34	Upper
022-03	1.639	-1.231	1.00	4	1962	0.00	9.82E-33	Middle
022-03	1.404	-1.482	0.97	6	1962	0.54	3.17E-04	Upper
023-01	1.657	-1.441	0.57	82	1998	114.70	1.90E-16	Middle
023-01	1.543	-1.592	0.59	91	1998	102.84	4.81E-19	Upper
023-05	1.570	-1.720	0.52	22	1979	24.28	1.48E-04	Upper
023-10	0.904	0.734	0.98	4	1952	0.06	1.04E-02	Lower
023-10	1.015	0.387	0.94	6	1952	0.30	1.20E-03	Middle
023-10	2.134	-0.824	0.77	11	1990	10.35	4.15E-04	Upper
024-01	1.853	-1.001	1.00	3	1972	0.01	1.44E-02	Lower
024-01	1.841	-1.008	1.00	5	1972	0.04	2.65E-05	Middle
024-01	1.819	-1.031	1.00	6	1972	0.03	5.75E-07	Upper
024-05	1.859	-1.010	0.60	13	1961	21.60	1.89E-03	Middle
024-05	1.913	-1.264	0.79	18	1961	14.55	9.94E-07	Upper
024-06	0.726	0.459	0.86	38	2002	3.30	3.80E-17	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
024-06	1.430	-0.947	0.71	41	2002	36.45	6.34E-12	Middle
024-06	1.600	-1.484	0.83	46	2002	23.72	1.58E-18	Upper
025-01	1.043	0.618	0.57	25	2002	8.35	1.20E-05	Lower
025-07	1.714	-1.150	1.00	15	1978	0.00	3.51E-204	Middle
025-07	1.642	-1.228	1.00	17	1978	0.02	4.21E-25	Upper
026-06	1.877	-1.193	0.67	26	1995	31.12	3.43E-07	Middle
026-06	1.707	-1.469	0.59	30	1995	35.93	6.14E-07	Upper
026-10	0.800	-0.129	0.97	6	1972	0.09	2.52E-04	Lower
026-10	1.527	-1.348	0.99	6	1972	0.19	3.02E-05	Middle
026-10	1.425	-1.431	0.94	14	1967	1.57	1.57E-08	Upper
030-02	1.261	-0.587	0.85	23	1945	7.47	3.23E-10	Lower
030-02	1.559	-1.282	0.95	23	1976	2.86	2.18E-15	Middle
030-02	1.457	-1.403	0.97	32	1976	2.26	3.44E-24	Upper
034-30	0.814	0.755	0.89	9	1970	0.78	1.43E-04	Lower
034-30	0.828	0.462	0.81	11	1970	1.24	1.54E-04	Middle
034-30	1.338	-0.476	0.77	15	1970	7.60	1.97E-05	Upper
046-32	1.366	-1.920	0.73	27	1969	19.64	1.68E-08	Middle
046-32	1.351	-1.946	0.76	33	1969	21.80	3.14E-11	Upper
050-06	1.446	-0.162	0.69	41	1988	39.15	1.75E-11	Lower
050-06	1.598	-1.577	0.74	40	1980	39.17	1.39E-12	Middle
050-06	1.437	-1.729	0.73	50	1980	40.63	3.32E-15	Upper
050-07	0.740	0.787	0.90	118	1988	4.34	3.09E-59	Lower
050-07	1.905	-1.478	0.59	122	1988	180.74	4.81E-25	Upper
053-08	1.127	0.433	0.83	39	1957	8.13	6.01E-16	Lower
053-08	2.124	-0.654	0.98	43	1957	4.31	1.13E-34	Middle
053-08	1.906	-0.896	0.98	44	1957	3.35	6.91E-36	Upper
053-09	1.193	0.488	0.98	4	1976	0.06	8.83E-03	Lower
053-09	1.869	-0.723	0.92	7	1992	1.76	5.62E-04	Middle
053-09	1.849	-1.082	0.84	16	1976	9.11	4.94E-07	Upper
077-05	2.170	-0.658	1.00	7	1992	0.00	9.47E-81	Middle
077-05	1.918	-0.866	0.93	10	1992	2.77	8.20E-06	Upper
102-03	1.371	-1.520	1.00	10	1965	0.07	5.66E-12	Upper
148-01	1.112	0.231	0.66	29	1971	23.48	9.92E-08	Lower
148-01	1.084	0.298	0.77	26	1971	12.08	4.32E-09	Middle
148-01	2.036	-0.942	0.90	36	1971	19.57	2.33E-18	Upper
148-02	1.025	0.407	1.00	10	1971	0.03	7.07E-12	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
148-02	1.795	-0.679	0.92	11	1971	4.43	2.48E-06	Middle
148-02	1.909	-0.940	1.00	13	1971	0.01	9.94E-23	Upper
195-04	0.688	0.795	0.77	21	1990	1.67	1.63E-07	Lower
195-04	0.792	0.475	0.89	20	1990	1.15	5.07E-10	Middle
195-04	1.753	-0.881	0.87	27	1990	6.97	1.02E-12	Upper
249-01	1.635	-0.736	0.91	8	1974	3.08	2.27E-04	Lower
249-01	1.513	-1.355	0.98	12	1974	0.81	6.50E-10	Middle
249-01	1.444	-1.427	0.97	16	1974	1.46	7.30E-12	Upper
254-01	1.493	-1.388	0.99	11	1939	0.35	8.18E-11	Lower
254-01	1.411	-1.477	1.00	13	1954	0.16	4.93E-15	Middle
254-01	1.324	-1.559	0.97	20	1960	1.43	8.53E-16	Upper
254-02	1.546	-1.415	0.62	40	1977	46.09	2.11E-09	Lower
254-02	1.572	-1.630	0.71	42	1977	30.82	2.12E-12	Middle
254-02	1.562	-1.636	0.77	47	1977	28.69	5.47E-16	Upper
283-08	1.502	-1.379	1.00	15	1981	0.00	3.02E-205	Middle
283-08	1.595	-1.280	0.99	18	1981	0.17	5.42E-19	Upper
832-32	1.194	-1.509	0.51	20	1961	30.69	4.11E-04	Lower
832-32	1.359	-1.920	0.72	23	1961	19.74	2.71E-07	Middle
832-32	1.278	-1.960	0.75	25	1961	17.57	2.60E-08	Upper
836-08	1.527	-1.345	0.98	7	1951	0.55	3.02E-05	Upper
840-43	1.536	-1.342	1.00	5	1951	0.00	5.88E-49	Lower
840-43	1.512	-1.369	1.00	7	1951	0.00	1.46E-11	Middle
840-43	1.486	-1.396	1.00	9	1951	0.05	1.89E-11	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-02	1.606	-1.646	0.72	27	1945	30.43	1.94E-08	Upper
004-01	1.674	-1.192	0.99	8	1980	0.21	1.10E-07	Upper
004-04	1.683	-1.183	1.00	5	1962	0.01	1.92E-06	Lower
004-04	1.636	-1.234	1.00	7	1962	0.01	1.37E-10	Middle
004-04	1.472	-1.410	0.99	11	1962	0.22	3.19E-11	Upper
004-05	1.159	-2.004	0.52	17	1962	10.38	1.12E-03	Middle
004-05	1.193	-1.965	0.51	19	1962	13.07	5.45E-04	Upper
005-01	1.984	-1.340	0.57	9	1948	13.91	1.88E-02	Upper
010-06	1.694	-1.167	0.99	9	1965	0.18	1.06E-07	Upper
011-30	1.431	-0.521	0.77	8	1960	5.58	4.26E-03	Lower
011-30	1.691	-1.164	0.98	9	1960	0.56	2.96E-07	Middle
011-30	1.667	-1.116	0.91	14	1960	3.45	9.05E-08	Upper
036-04	0.877	0.985	0.94	11	1993	0.39	6.00E-07	Lower
036-04	0.886	0.787	0.97	12	1993	0.14	3.51E-09	Middle
036-04	1.564	-0.274	0.66	18	1993	15.53	4.36E-05	Upper
038-02	1.637	-1.668	0.73	20	1976	16.90	1.77E-06	Upper
052-06	0.933	0.531	0.97	29	1975	0.83	8.98E-22	Lower
052-06	1.103	0.232	0.97	28	1975	0.94	8.49E-22	Middle
052-06	1.856	-0.935	0.97	34	1975	3.17	9.54E-27	Upper
052-08	1.098	1.291	0.96	9	1992	0.18	3.28E-06	Lower
052-08	2.171	0.109	0.74	11	1992	11.76	6.56E-04	Middle
052-08	2.226	-0.514	0.93	14	1992	4.20	2.94E-08	Upper
052-30	0.479	0.891	0.72	30	1972	2.75	2.55E-09	Lower
052-30	0.817	0.415	0.73	30	1972	7.62	2.06E-09	Middle
052-30	1.559	-0.734	0.74	36	1972	31.55	1.28E-11	Upper
053-01	0.766	0.745	0.90	25	1966	1.34	5.61E-13	Lower
053-01	1.977	-0.913	0.90	23	1989	7.34	7.10E-12	Middle
053-01	1.890	-1.450	0.86	33	1989	15.48	9.66E-15	Upper
077-04	2.088	-0.461	0.79	8	1997	3.43	3.00E-03	Lower
077-04	1.988	-0.848	0.98	12	1997	0.54	1.95E-10	Upper
102-01	1.070	0.207	0.60	62	1980	51.95	1.36E-13	Lower
102-01	1.731	-1.403	0.79	61	1953	51.81	2.08E-21	Middle
102-01	1.599	-1.655	0.80	75	1956	53.81	3.55E-27	Upper
103-01	2.007	-0.700	0.76	31	1994	35.11	1.28E-10	Lower
103-01	2.063	-1.084	0.87	32	1992	17.89	7.60E-15	Middle
103-01	1.930	-1.175	0.84	41	1992	24.93	6.92E-17	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
142-01	0.869	0.249	0.98	4	1973	0.08	1.09E-02	Lower
142-01	0.866	-0.065	1.00	3	1973	0.00	3.79E-17	Middle
142-01	1.796	-1.485	0.91	11	1973	3.28	4.29E-06	Upper
148-03	1.421	-0.244	0.61	19	1953	21.46	7.60E-05	Lower
148-03	1.572	-1.303	0.99	18	1953	0.30	9.41E-20	Middle
148-03	1.633	-1.128	0.93	28	1953	8.00	1.32E-16	Upper
164-02	0.910	0.463	0.98	5	1980	0.06	8.00E-04	Lower
164-02	0.847	0.397	0.98	7	1980	0.12	1.88E-05	Middle
164-02	1.278	-0.435	0.76	11	1980	4.68	4.49E-04	Upper
167-01	1.406	-1.747	0.50	13	1993	11.90	6.60E-03	Upper
193-31	0.663	1.022	0.84	9	1956	1.08	5.48E-04	Lower
193-31	1.197	0.116	0.78	10	1956	5.40	6.56E-04	Middle
193-31	1.603	-1.771	0.81	14	1956	11.98	1.17E-05	Upper
201-01	0.892	0.307	0.95	20	1973	1.08	3.09E-13	Lower
201-01	1.581	-0.950	0.94	18	1973	4.40	6.24E-11	Middle
201-01	1.524	-1.336	0.95	26	1973	3.80	2.71E-17	Upper
207-07	1.556	-1.034	0.95	13	1947	3.59	2.84E-08	Lower
207-07	1.515	-1.342	0.99	13	1947	0.45	7.62E-13	Middle
207-07	1.428	-1.435	0.98	21	1947	1.36	4.20E-18	Upper
238-03	2.647	-0.133	1.00	5	1984	0.10	1.14E-04	Middle
238-03	2.283	-0.526	0.99	6	1984	0.22	4.59E-05	Upper
245-02	1.391	-0.650	0.75	20	1982	15.85	7.55E-07	Lower
245-02	1.745	-1.109	0.98	21	1982	1.44	4.17E-18	Middle
245-02	1.559	-1.307	0.98	25	1982	1.89	2.34E-20	Upper
248-02	1.430	-1.297	0.59	40	1965	20.11	7.87E-09	Lower
248-02	1.454	-1.461	0.75	41	1965	12.04	2.29E-13	Middle
248-02	1.492	-1.415	0.85	46	1965	12.15	1.73E-19	Upper
253-02	0.617	1.453	0.73	113	1967	11.16	1.30E-33	Lower
253-02	0.919	0.833	0.72	114	1967	27.77	6.95E-33	Middle
253-02	1.621	-1.530	0.62	120	1967	141.62	8.33E-27	Upper
254-02	2.050	-0.764	0.99	10	1977	0.82	1.36E-08	Lower
254-02	1.826	-1.205	0.90	13	1977	5.51	8.14E-07	Middle
254-02	1.652	-1.312	0.91	18	1977	5.38	6.71E-10	Upper
255-01	1.140	0.130	0.91	38	1976	5.28	4.70E-20	Lower
255-01	1.754	-1.101	1.00	37	1976	0.54	6.59E-42	Middle
255-01	1.580	-1.278	0.97	44	1976	2.94	6.37E-35	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
255-02	1.670	-0.232	0.74	64	1988	67.90	1.53E-19	Lower
255-02	2.028	-1.035	0.93	60	1988	21.86	2.19E-34	Middle
255-02	1.826	-1.345	0.87	74	1988	37.62	1.71E-33	Upper
258-02	1.134	0.891	0.81	9	1971	1.93	1.01E-03	Lower
258-02	2.237	-0.478	0.92	11	1971	3.95	2.76E-06	Middle
258-02	2.055	-0.720	0.96	13	1971	1.88	3.07E-09	Upper
315-01	0.848	0.433	0.97	21	1975	0.50	1.84E-15	Lower
315-01	1.087	-0.152	0.85	20	1975	4.90	8.88E-09	Middle
315-01	1.556	-1.300	0.96	27	1975	2.87	2.32E-18	Upper
368-03	0.933	0.931	0.84	19	1971	2.42	3.25E-08	Lower
368-03	2.102	-0.042	0.85	21	1971	12.04	2.32E-09	Middle
368-03	2.077	-0.843	0.81	26	1971	19.19	3.18E-10	Upper
373-01	0.997	0.621	0.66	20	1990	9.01	1.19E-05	Lower
373-01	2.151	-0.587	0.94	21	1990	5.33	2.38E-13	Middle
373-01	1.915	-0.802	0.88	26	1990	10.53	9.71E-13	Upper
382-05	0.807	0.876	0.95	7	1988	0.15	2.30E-04	Lower
382-05	0.700	0.631	0.82	8	1988	0.72	1.90E-03	Middle
382-05	0.651	0.269	0.66	13	1988	1.76	7.81E-04	Upper
396-30	2.135	-0.642	0.94	8	1992	1.84	5.53E-05	Middle
396-30	1.783	-0.976	0.92	13	1992	3.21	1.86E-07	Upper
399-02	1.109	-0.469	0.78	5	1975	2.67	4.85E-02	Lower
399-02	1.909	-0.940	1.00	4	1975	0.00	4.26E-33	Middle
399-02	1.564	-1.301	0.96	11	1975	1.45	8.84E-08	Upper
831-07	1.862	-0.547	0.72	13	1978	9.91	2.38E-04	Lower
831-07	2.174	-0.617	0.96	13	1978	1.56	3.08E-09	Middle
831-07	1.908	-0.920	0.99	17	1978	0.56	3.38E-16	Upper
832-32	1.396	-1.960	0.73	7	1961	6.14	1.41E-02	Upper
836-08	1.451	-1.804	0.67	19	1975	20.90	1.93E-05	Upper
836-12	1.566	-1.315	0.99	4	1951	0.21	7.35E-03	Lower
836-12	1.446	-1.439	1.00	4	1951	0.00	1.14E-04	Middle
836-12	1.409	-1.484	0.99	9	1951	0.15	6.02E-09	Upper
837-21	1.871	-1.325	0.69	16	1973	18.19	6.63E-05	Middle
837-21	1.842	-1.394	0.75	21	1973	18.40	4.24E-07	Upper
838-01	1.527	-0.890	0.87	18	1956	9.32	1.70E-08	Lower
838-01	1.572	-1.303	1.00	16	1956	0.09	2.42E-20	Middle
838-01	1.434	-1.451	0.98	24	1956	1.66	1.33E-20	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-22	0.813	0.512	0.94	9	1979	0.43	1.84E-05	Lower
840-22	1.227	-0.060	0.80	10	1979	4.39	4.86E-04	Middle
840-22	1.793	-1.087	0.83	21	1979	11.45	1.01E-08	Upper
840-24	3.345	0.610	1.00	4	1970	0.00	4.47E-33	Middle
840-24	1.873	-0.795	0.87	7	1970	3.92	2.34E-03	Upper
840-29	1.947	-1.502	0.74	15	1994	13.43	4.26E-05	Upper
840-34	1.617	-0.921	0.91	9	1972	3.39	6.67E-05	Lower
840-34	1.681	-1.185	1.00	8	1972	0.05	1.84E-09	Middle
840-34	1.568	-1.305	0.99	14	1972	0.43	5.12E-14	Upper
852-25	1.442	-1.900	0.64	48	1971	56.50	8.38E-12	Middle
852-25	1.383	-1.894	0.67	55	1971	54.92	1.75E-14	Upper
852-36	1.021	0.101	1.00	3	1974	0.00	3.33E-17	Lower
852-36	1.394	-0.828	0.85	5	1974	2.69	2.69E-02	Middle
852-36	1.721	-1.136	0.99	7	1974	0.19	9.73E-07	Upper
853-34	1.752	-1.641	0.88	9	1970	5.33	2.11E-04	Upper
853-40	1.747	-1.576	0.65	22	1961	22.08	6.09E-06	Upper
855-07	1.842	-0.876	0.97	28	1987	4.04	1.06E-20	Lower
855-07	1.749	-1.110	1.00	26	1987	0.44	1.97E-29	Middle
855-07	1.569	-1.297	0.98	32	1987	2.04	7.69E-27	Upper
855-08	1.717	-1.540	0.70	26	1979	33.43	9.64E-08	Upper
855-12	1.045	-0.290	0.55	14	1956	17.44	2.25E-03	Lower
855-12	1.579	-1.302	0.84	14	1956	10.49	4.28E-06	Middle
855-12	1.631	-1.686	0.88	20	1956	10.41	8.46E-10	Upper
855-14	1.168	-0.444	0.73	8	1980	5.78	7.14E-03	Lower
855-14	1.724	-1.080	0.96	12	1980	2.16	3.67E-08	Middle
855-14	1.593	-1.216	0.95	17	1979	3.03	5.92E-11	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
004-04	0.987	0.164	0.98	7	1962	0.19	1.60E-05	Lower
004-04	1.115	-0.457	0.82	7	1962	2.79	4.73E-03	Middle
004-04	1.636	-1.232	0.97	12	1962	1.48	9.43E-09	Upper
004-05	1.657	-1.579	0.83	22	1962	13.41	2.98E-09	Middle
004-05	1.627	-1.621	0.83	27	1962	16.48	3.00E-11	Upper
011-30	1.460	0.008	0.86	10	1960	3.22	9.73E-05	Lower
011-30	2.099	-0.784	0.98	10	1960	0.58	2.93E-08	Middle
011-30	1.935	-0.922	0.94	16	1960	3.38	7.53E-10	Upper
038-02	1.803	-1.451	0.52	15	1976	21.41	2.54E-03	Middle
052-06	0.958	0.376	0.93	31	1975	2.22	1.87E-18	Lower
052-06	1.353	-0.421	0.79	30	1975	14.76	3.86E-11	Middle
052-06	1.667	-1.128	0.96	36	1975	4.04	8.33E-26	Upper
052-08	1.114	1.059	0.96	7	1992	0.16	8.89E-05	Lower
052-08	2.032	0.323	0.72	9	1992	7.81	3.87E-03	Middle
052-08	2.100	-0.659	0.95	11	1992	1.87	2.42E-07	Upper
052-30	1.387	-0.982	0.55	28	1972	43.92	6.63E-06	Middle
052-30	1.753	-1.444	0.84	31	1972	19.35	6.95E-13	Upper
053-01	1.785	-1.459	0.76	8	1974	6.62	4.93E-03	Middle
053-01	1.681	-1.645	0.72	13	1966	11.03	2.38E-04	Upper
053-30	1.558	-1.319	1.00	3	1955	0.00	1.67E-16	Lower
053-30	1.488	-1.400	0.97	7	1955	0.79	4.30E-05	Upper
077-04	1.872	-0.962	0.97	11	1997	0.68	2.13E-08	Upper
102-01	1.388	-1.872	0.68	48	1953	40.30	7.74E-13	Middle
102-01	1.432	-1.836	0.72	56	1983	45.29	9.60E-17	Upper
103-01	0.878	0.906	0.83	20	1994	1.60	2.20E-08	Lower
103-01	2.587	-0.014	0.90	21	1992	9.21	7.44E-11	Middle
103-01	1.916	-1.045	0.71	27	1992	26.55	3.11E-08	Upper
148-03	1.885	-0.893	0.92	18	1953	5.15	4.13E-10	Middle
148-03	1.719	-1.083	0.92	21	1953	4.58	4.22E-12	Upper
193-31	0.800	-2.385	0.54	9	1956	4.27	2.50E-02	Upper
201-01	0.965	0.147	0.98	17	1973	0.37	7.26E-15	Lower
201-01	0.843	-0.079	0.93	17	1973	1.24	6.45E-10	Middle
201-01	1.460	-1.404	0.95	23	1973	3.37	3.23E-15	Upper
207-07	1.711	-1.115	0.95	8	1947	1.43	4.34E-05	Lower
207-07	1.548	-1.331	0.99	9	1947	0.21	8.81E-09	Middle
207-07	1.549	-1.234	0.94	16	1947	3.62	3.38E-10	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
236-01	2.005	-1.151	0.69	9	1979	12.12	5.48E-03	Upper
238-03	0.988	0.555	0.93	5	1984	0.32	8.35E-03	Lower
238-03	1.184	0.277	1.00	3	1984	0.00	1.49E-17	Middle
238-03	1.862	-0.951	0.97	9	1984	0.91	1.90E-06	Upper
245-02	1.358	-0.455	0.72	18	1982	13.06	7.69E-06	Lower
245-02	1.734	-1.126	1.00	17	1982	0.22	2.50E-19	Middle
245-02	1.607	-1.265	0.99	22	1982	0.99	6.06E-20	Upper
248-02	1.704	-0.879	0.75	41	1965	24.35	3.33E-13	Lower
248-02	1.531	-1.384	0.83	43	1965	13.00	1.26E-17	Middle
248-02	1.480	-1.435	0.85	45	1965	12.82	2.79E-19	Upper
254-02	1.482	-1.555	0.87	8	1977	2.48	6.70E-04	Upper
255-01	1.384	-0.781	0.71	8	1976	7.16	8.93E-03	Lower
255-01	1.685	-1.179	0.98	8	1976	0.66	4.69E-06	Middle
255-01	1.422	-1.453	0.96	14	1976	1.95	1.58E-09	Upper
255-02	1.555	-0.517	0.56	37	1988	59.34	1.01E-07	Lower
255-02	1.989	-1.080	0.87	39	1988	22.07	5.00E-18	Middle
255-02	1.609	-1.557	0.79	46	1988	29.34	1.18E-16	Upper
258-02	1.439	0.151	0.69	9	1971	8.58	5.86E-03	Lower
258-02	2.668	-0.112	0.99	8	1971	0.20	7.75E-08	Middle
258-02	1.990	-0.761	0.95	14	1959	2.93	2.51E-09	Upper
315-01	1.409	-0.482	0.87	9	1975	4.09	2.53E-04	Lower
315-01	1.734	-1.128	1.00	8	1975	0.10	7.30E-09	Middle
315-01	1.548	-1.320	0.97	15	1975	1.36	1.41E-11	Upper
368-03	1.792	0.168	0.63	14	1971	17.58	7.44E-04	Lower
368-03	1.683	-1.326	0.59	17	1971	22.26	2.94E-04	Middle
368-03	1.719	-1.281	0.68	21	1971	22.15	4.37E-06	Upper
373-01	0.863	0.591	0.91	15	1990	1.00	2.52E-08	Lower
373-01	0.960	0.096	0.70	16	1990	6.17	5.04E-05	Middle
373-01	1.822	-0.938	0.92	21	1990	5.84	1.10E-11	Upper
382-05	0.725	0.343	0.74	6	1988	0.70	2.68E-02	Lower
382-05	0.751	0.023	0.78	7	1988	1.05	8.01E-03	Middle
382-05	1.564	-1.211	0.90	12	1988	2.04	2.18E-06	Upper
396-30	1.905	-0.324	0.83	6	1992	4.61	1.15E-02	Lower
396-30	2.191	-0.590	0.98	9	1992	0.74	1.73E-07	Middle
396-30	1.952	-0.867	0.99	12	1992	0.50	3.59E-11	Upper
399-02	1.856	-0.997	1.00	4	1975	0.00	1.03E-32	Lower

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
399-02	1.462	-1.425	0.95	7	1975	1.20	1.77E-04	Upper
831-07	1.773	-1.086	1.00	11	1978	0.00	2.47E-149	Middle
831-07	1.869	-0.975	0.99	14	1978	0.19	2.84E-14	Upper
836-08	1.231	-1.605	0.60	15	1975	18.65	7.43E-04	Lower
836-08	1.354	-1.844	0.77	14	1975	9.85	3.94E-05	Middle
836-08	1.216	-2.035	0.75	20	1975	12.62	7.01E-07	Upper
836-12	0.975	0.055	0.98	6	1951	0.10	9.14E-05	Lower
836-12	1.299	-0.597	0.90	7	1951	2.05	1.10E-03	Middle
836-12	1.409	-1.479	0.92	12	1951	2.25	9.11E-07	Upper
837-21	1.614	-1.583	0.56	17	1973	18.71	5.04E-04	Upper
838-01	1.545	-0.870	0.92	24	1956	9.26	1.52E-13	Lower
838-01	1.666	-1.202	1.00	25	1956	0.16	7.71E-35	Middle
838-01	1.479	-1.404	0.99	29	1956	1.12	6.86E-29	Upper
840-22	1.558	-1.685	0.67	8	1979	9.26	1.28E-02	Upper
840-24	1.745	-1.363	0.86	8	1970	5.40	8.45E-04	Upper
852-25	1.213	0.693	0.66	37	1971	15.04	8.34E-10	Lower
853-34	1.733	-1.658	0.86	8	1961	4.91	8.44E-04	Upper
855-07	1.001	0.310	0.95	35	1987	1.92	1.18E-23	Lower
855-07	1.464	-0.529	0.84	35	1987	16.82	1.53E-14	Middle
855-07	1.751	-1.083	0.98	40	1987	3.04	3.41E-33	Upper
855-08	1.173	0.559	0.61	20	1979	16.41	5.19E-05	Lower
855-08	1.666	-1.413	0.69	21	1979	25.44	3.58E-06	Middle
855-08	1.303	-1.900	0.69	25	1979	19.16	2.34E-07	Upper
855-12	1.266	-1.112	0.53	11	1956	19.52	1.15E-02	Lower
855-12	1.656	-1.510	0.88	11	1956	5.50	2.07E-05	Middle
855-12	1.677	-1.709	0.87	16	1956	9.35	1.45E-07	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-02	0.587	0.852	0.86	25	1945	1.65	1.89E-11	Lower
001-02	0.824	0.455	0.83	24	1945	4.36	7.31E-10	Middle
001-02	1.149	-0.208	0.61	35	1945	32.54	2.56E-08	Upper
004-01	0.982	0.287	0.99	14	1980	0.16	3.11E-13	Lower
004-01	0.981	0.064	0.99	14	1980	0.07	1.01E-14	Middle
004-01	0.958	0.039	0.99	18	1980	0.12	7.65E-19	Upper
004-04	1.033	0.118	1.00	15	1962	0.06	3.64E-17	Lower
004-04	1.016	0.102	1.00	13	1962	0.04	1.34E-15	Middle
004-04	0.992	0.076	1.00	20	1962	0.07	1.73E-23	Upper
004-05	0.704	0.797	0.94	29	1962	1.11	2.64E-18	Lower
004-05	0.780	0.551	0.89	31	1962	2.98	1.61E-15	Middle
004-05	0.944	0.252	0.90	34	1962	4.09	1.07E-17	Upper
005-01	0.722	1.274	0.88	6	1951	0.22	5.70E-03	Lower
005-01	1.934	-1.412	0.60	9	1959	12.40	1.39E-02	Upper
010-06	0.361	0.973	0.61	17	1965	0.01	2.01E-04	Lower
010-06	0.389	0.882	0.84	17	1965	0.00	2.51E-07	Middle
010-06	0.707	0.481	0.92	22	1965	0.22	2.93E-12	Upper
011-30	0.822	0.770	0.94	20	1960	0.47	1.13E-12	Lower
011-30	0.811	0.663	0.95	20	1960	0.43	6.85E-13	Middle
011-30	0.848	0.514	0.95	25	1960	0.58	2.00E-16	Upper
013-09	1.015	1.160	0.95	4	1975	0.11	2.45E-02	Middle
013-09	1.170	0.903	0.85	8	1975	1.09	1.03E-03	Upper
013-13	0.929	0.822	0.97	18	2002	0.46	2.54E-13	Lower
013-13	0.959	0.696	0.99	18	1989	0.21	4.47E-16	Middle
013-13	1.250	0.212	0.59	25	1989	21.43	6.71E-06	Upper
036-04	0.877	0.820	0.97	9	1993	0.16	9.70E-07	Lower
036-04	0.942	0.708	0.99	9	1993	0.10	1.04E-07	Middle
036-04	2.259	-0.717	0.88	14	1993	7.21	6.22E-07	Upper
038-02	0.481	1.234	0.76	21	1976	1.39	2.26E-07	Lower
038-02	0.495	1.173	0.76	20	1976	1.43	4.65E-07	Middle
038-02	0.991	0.673	0.77	26	1976	7.02	3.22E-09	Upper
052-06	0.776	0.863	0.94	35	1975	1.42	2.27E-21	Lower
052-06	0.914	0.634	0.91	32	1975	2.86	6.87E-17	Middle
052-06	1.137	0.350	0.93	40	1975	3.72	7.08E-24	Upper
052-08	0.792	1.027	0.93	17	1992	0.68	5.21E-10	Lower
052-08	0.795	0.893	0.95	20	1992	0.52	1.51E-13	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
052-08	1.768	-0.022	0.70	25	1992	24.46	1.89E-07	Upper
052-30	0.634	0.837	0.90	33	1972	1.77	3.01E-17	Lower
052-30	0.820	0.563	0.85	33	1972	5.07	4.15E-14	Middle
052-30	1.008	0.238	0.91	38	1972	4.64	2.13E-20	Upper
053-01	0.892	0.452	0.94	18	1989	0.46	3.09E-11	Lower
053-01	0.789	0.447	0.84	20	1989	0.66	1.29E-08	Middle
053-01	0.847	0.212	0.92	26	1989	0.85	6.56E-15	Upper
053-30	0.896	-0.030	0.99	10	1955	0.07	9.08E-10	Lower
053-30	0.872	-0.057	1.00	11	1955	0.06	8.29E-12	Middle
053-30	1.087	-0.490	0.88	15	1955	2.75	1.84E-07	Upper
077-04	0.837	0.967	0.90	17	1997	0.96	8.04E-09	Lower
077-04	0.901	0.819	0.95	15	1997	0.41	4.17E-10	Middle
077-04	1.057	0.524	0.69	20	1997	7.09	5.23E-06	Upper
102-01	0.440	1.001	0.74	92	1980	7.01	5.50E-28	Lower
102-01	0.607	0.673	0.72	93	1953	14.20	3.88E-27	Middle
102-01	0.965	0.037	0.67	105	1983	52.23	2.08E-26	Upper
103-01	0.615	1.151	0.80	62	1994	3.58	1.35E-22	Lower
103-01	0.769	0.901	0.81	60	1979	4.83	1.55E-22	Middle
103-01	0.745	0.581	0.80	72	1992	5.88	2.77E-26	Upper
142-01	0.464	1.155	1.00	3	1973	0.00	4.36E-02	Lower
142-01	0.946	0.409	0.98	5	1973	0.10	7.92E-04	Middle
142-01	0.878	0.508	0.76	10	1973	2.40	1.04E-03	Upper
148-03	0.619	0.626	0.82	53	1953	6.36	1.10E-20	Lower
148-03	0.889	0.100	0.91	49	1953	5.62	4.02E-26	Middle
148-03	1.361	-0.735	0.82	60	1953	33.46	2.53E-23	Upper
164-02	0.939	0.502	0.99	6	1980	0.06	6.71E-05	Lower
164-02	0.997	0.379	1.00	7	1980	0.01	3.06E-08	Middle
164-02	0.943	0.325	1.00	11	1980	0.03	2.71E-12	Upper
167-01	0.947	0.814	0.99	12	1993	0.11	7.77E-11	Lower
167-01	1.602	0.280	0.65	12	1993	12.70	1.48E-03	Middle
167-01	2.404	-0.383	0.99	15	1993	0.70	1.85E-14	Upper
193-06	0.631	0.965	0.83	6	1994	0.25	1.20E-02	Lower
193-06	0.593	0.835	0.85	11	1953	0.39	5.64E-05	Upper
193-31	0.539	1.078	0.84	11	1956	0.88	7.02E-05	Lower
193-31	0.719	0.713	0.75	11	1956	2.75	5.33E-04	Middle
193-31	0.892	0.273	0.81	16	1956	4.28	2.28E-06	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
201-01	0.959	0.341	0.99	27	1973	0.19	1.91E-28	Lower
201-01	1.020	0.104	1.00	28	1973	0.04	2.44E-38	Middle
201-01	0.969	0.050	0.99	32	1973	0.18	2.62E-35	Upper
207-07	0.942	0.133	0.96	34	1987	1.64	1.49E-23	Lower
207-07	0.913	0.076	0.95	34	1947	1.54	7.92E-23	Middle
207-07	1.330	-0.661	0.87	42	1947	12.48	1.73E-19	Upper
209-03	0.736	0.396	1.00	4	1986	0.00	1.44E-04	Lower
209-03	0.995	0.187	0.92	5	1961	0.63	1.05E-02	Middle
209-03	0.864	0.174	0.84	12	1961	1.56	2.73E-05	Upper
236-01	0.638	1.153	0.86	6	1977	0.35	7.32E-03	Lower
236-01	1.033	0.641	0.88	6	1977	0.88	6.09E-03	Middle
236-01	1.306	-0.030	0.57	12	1977	15.27	4.69E-03	Upper
238-03	0.996	0.554	1.00	3	1984	0.00	2.33E-02	Lower
238-03	1.024	0.611	0.98	6	1984	0.14	1.90E-04	Middle
238-03	0.965	0.546	0.98	7	1984	0.12	1.90E-05	Upper
245-02	0.976	0.397	0.99	49	1982	0.45	5.60E-49	Lower
245-02	0.959	0.292	1.00	48	1982	0.21	2.93E-55	Middle
245-02	1.022	0.106	1.00	53	1982	0.26	4.50E-61	Upper
248-02	0.954	0.310	0.91	74	1965	8.18	4.62E-39	Lower
248-02	0.955	0.179	0.92	74	1965	7.08	1.13E-40	Middle
248-02	1.154	-0.210	0.80	80	1965	31.04	4.16E-29	Upper
249-01	1.095	0.176	1.00	4	1974	0.02	2.06E-03	Lower
249-01	1.030	0.106	0.99	11	1974	0.14	8.67E-10	Upper
253-02	0.527	1.216	0.75	110	1967	8.87	2.47E-34	Lower
253-02	0.529	1.098	0.72	110	1967	10.22	1.87E-31	Middle
254-02	0.709	0.653	0.90	26	1977	1.17	1.13E-13	Lower
254-02	0.882	0.385	0.88	27	1977	2.06	6.57E-13	Middle
254-02	0.910	0.171	0.88	36	1977	3.16	4.58E-17	Upper
255-01	0.912	0.296	0.99	47	1976	0.49	4.85E-43	Lower
255-01	0.868	0.252	0.98	48	1976	0.44	4.26E-43	Middle
255-01	0.917	0.071	0.98	52	1976	0.92	2.94E-42	Upper
255-02	0.609	0.925	0.86	103	1975	4.68	1.18E-45	Lower
255-02	0.873	0.450	0.92	102	1988	5.55	4.91E-56	Middle
255-02	0.944	0.169	0.71	114	1988	31.52	4.56E-32	Upper
258-01	0.593	0.871	0.88	7	1995	0.31	1.63E-03	Lower
258-01	0.872	0.328	0.76	17	1981	2.94	4.44E-06	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
258-02	0.792	1.092	0.91	12	1971	0.71	1.17E-06	Lower
258-02	0.921	0.701	0.87	11	1971	1.44	2.50E-05	Middle
258-02	1.367	0.170	0.79	18	1971	10.18	8.56E-07	Upper
315-01	0.951	0.332	1.00	20	1975	0.04	4.56E-25	Lower
315-01	0.971	0.233	0.99	22	1975	0.16	8.72E-23	Middle
315-01	1.009	0.094	1.00	25	1975	0.07	3.73E-31	Upper
368-03	0.703	1.249	0.90	25	1971	1.01	4.32E-13	Lower
368-03	0.887	0.983	0.89	26	1971	1.84	5.76E-13	Middle
368-03	1.385	0.539	0.68	31	1971	19.83	1.23E-08	Upper
373-01	0.844	0.836	0.93	26	1990	1.06	4.26E-15	Lower
373-01	0.873	0.680	0.97	28	1990	0.54	9.54E-21	Middle
373-01	0.863	0.610	0.96	31	1990	0.68	7.87E-22	Upper
382-05	0.890	0.791	0.96	8	1988	0.13	1.55E-05	Lower
382-05	0.891	0.778	0.98	11	1988	0.14	1.01E-08	Middle
382-05	0.866	0.674	0.95	13	1988	0.30	1.40E-08	Upper
396-30	0.774	0.942	0.93	20	1992	0.58	1.14E-11	Lower
396-30	0.802	0.816	0.95	19	1992	0.43	1.10E-12	Middle
396-30	1.072	0.487	0.71	25	1992	7.30	1.52E-07	Upper
398-01	0.994	0.080	1.00	8	1982	0.03	1.95E-08	Lower
398-01	0.952	0.042	0.99	7	1982	0.03	1.19E-06	Middle
398-01	0.925	0.011	0.99	13	1982	0.10	1.47E-12	Upper
399-02	0.955	0.138	0.98	19	1975	0.29	7.63E-16	Lower
399-02	0.938	0.020	1.00	19	1975	0.06	1.37E-21	Middle
399-02	0.898	-0.024	0.99	24	1975	0.17	1.95E-23	Upper
831-07	2.146	-0.530	0.95	14	1978	3.55	4.55E-09	Lower
831-07	2.074	-0.612	0.95	17	1978	3.90	3.79E-11	Middle
831-07	2.021	-0.668	0.95	17	1978	3.98	6.39E-11	Upper
832-32	1.027	1.312	1.00	3	1961	0.00	2.11E-02	Lower
832-32	0.542	0.943	0.83	5	1961	0.33	3.10E-02	Middle
832-32	1.217	-0.533	0.53	8	1961	13.80	4.10E-02	Upper
835-06	0.886	0.583	0.98	12	1953	0.14	6.16E-10	Lower
835-06	0.930	0.496	0.99	11	1953	0.12	1.17E-09	Middle
835-06	1.421	-0.007	0.77	15	1953	7.28	1.92E-05	Upper
836-08	0.576	0.931	0.90	26	1975	1.24	2.63E-13	Lower
836-08	0.812	0.535	0.85	25	1975	3.78	5.14E-11	Middle
836-08	1.087	0.024	0.69	33	1975	20.25	1.92E-09	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
836-12	0.972	0.048	1.00	5	1951	0.01	1.20E-05	Lower
836-12	1.251	-0.651	0.89	6	1951	2.02	4.85E-03	Middle
836-12	1.581	-1.294	1.00	10	1951	0.15	1.61E-10	Upper
837-21	0.491	1.115	0.80	24	1973	1.28	3.92E-09	Lower
837-21	0.888	0.764	0.67	22	1973	7.48	2.81E-06	Middle
837-21	1.231	0.275	0.63	29	1973	22.21	2.66E-07	Upper
838-01	0.982	0.086	0.99	63	1956	0.87	1.24E-60	Lower
838-01	0.941	0.016	1.00	62	1956	0.07	5.41E-91	Middle
838-01	0.914	-0.012	1.00	68	1956	0.06	6.76E-103	Upper
840-20	0.723	0.698	0.93	17	1966	0.38	5.45E-10	Lower
840-20	0.723	0.614	0.93	12	1980	0.24	3.16E-07	Middle
840-20	0.669	0.538	0.85	22	1966	0.96	9.86E-10	Upper
840-22	0.725	0.542	0.94	14	1979	0.42	9.75E-09	Lower
840-22	0.912	0.189	0.99	11	1979	0.12	6.63E-10	Middle
840-22	0.896	0.115	0.93	23	1979	1.04	8.03E-14	Upper
840-24	0.686	0.526	0.86	9	1970	1.02	3.56E-04	Lower
840-24	0.911	0.175	0.88	14	1970	1.73	7.42E-07	Middle
840-24	0.916	0.140	0.91	16	1970	1.57	1.20E-08	Upper
840-29	0.506	1.153	0.75	16	1994	0.74	1.49E-05	Lower
840-29	0.534	1.073	0.76	17	1994	0.85	5.44E-06	Middle
840-29	0.469	0.951	0.73	21	1994	0.92	7.52E-07	Upper
840-34	1.014	0.196	0.99	23	1972	0.16	4.26E-25	Lower
840-34	1.021	0.103	1.00	23	1972	0.04	3.70E-31	Middle
840-34	0.996	0.077	1.00	27	1972	0.08	2.64E-34	Upper
852-21	0.859	0.642	0.93	12	1991	0.56	3.04E-07	Lower
852-21	0.976	0.365	0.95	11	1980	0.48	2.55E-07	Middle
852-21	0.971	0.136	0.95	20	1980	0.77	4.07E-13	Upper
852-24	0.815	0.817	0.96	35	1993	0.61	6.54E-25	Lower
852-24	0.830	0.690	0.94	37	1993	1.03	6.29E-23	Middle
852-24	1.028	0.447	0.79	39	1993	7.21	5.26E-14	Upper
852-25	0.713	0.627	0.94	48	1971	2.06	2.63E-29	Lower
852-25	0.851	0.314	0.90	48	1971	4.76	1.23E-24	Middle
852-25	1.096	-0.155	0.76	54	1971	25.50	1.55E-17	Upper
852-36	1.029	0.110	1.00	5	1974	0.00	1.22E-06	Lower
852-36	0.990	0.069	1.00	8	1974	0.01	4.23E-11	Middle
852-36	0.951	0.027	1.00	8	1974	0.01	2.10E-10	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
853-36	0.971	0.523	1.00	3	1986	0.00	1.63E-02	Lower
853-36	1.449	-0.317	0.84	10	1986	3.11	1.89E-04	Upper
853-40	0.384	0.881	0.54	29	1961	2.36	6.22E-06	Middle
855-07	0.955	0.555	0.99	60	1987	0.62	8.23E-56	Lower
855-07	0.972	0.402	0.99	60	1987	0.39	2.15E-62	Middle
855-07	0.942	0.310	0.99	64	1987	0.53	4.81E-62	Upper
855-08	0.662	0.921	0.90	30	1979	1.73	2.91E-15	Lower
855-08	0.790	0.554	0.84	34	1979	4.51	3.33E-14	Middle
855-08	1.052	0.023	0.68	35	1979	19.82	9.77E-10	Upper
855-12	0.413	1.107	0.72	15	1956	1.44	6.11E-05	Lower
855-12	0.742	0.528	0.71	12	1956	4.13	6.09E-04	Middle
855-12	1.117	-0.205	0.63	20	1956	21.12	2.73E-05	Upper
855-14	0.960	0.416	0.99	19	1979	0.15	2.69E-19	Lower
855-14	0.952	0.336	0.99	21	1980	0.10	5.08E-23	Middle
855-14	0.954	0.166	0.96	28	1979	0.87	2.16E-20	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-02	1.577	-1.647	0.71	27	1945	29.64	3.26E-08	Upper
004-04	1.679	-1.185	0.99	7	1962	0.16	8.01E-07	Middle
004-04	1.602	-1.266	0.99	9	1962	0.21	4.94E-09	Upper
004-05	1.528	-0.733	0.63	19	1962	25.53	4.94E-05	Lower
004-05	1.572	-1.653	0.79	20	1962	12.71	1.67E-07	Middle
004-05	1.567	-1.655	0.77	24	1962	18.44	1.71E-08	Upper
005-01	1.136	1.318	0.91	5	1959	0.17	1.10E-02	Lower
005-01	1.878	-1.428	0.57	9	1951	12.51	1.90E-02	Upper
011-30	1.540	-0.407	0.81	8	1960	5.26	2.51E-03	Lower
011-30	1.881	-0.951	0.98	8	1960	0.50	1.24E-06	Middle
011-30	1.618	-1.162	0.89	14	1960	4.14	3.28E-07	Upper
013-13	1.688	-1.464	0.63	12	1989	11.30	2.11E-03	Middle
013-13	1.737	-1.365	0.71	15	1989	11.26	7.28E-05	Upper
036-04	1.261	-0.117	0.74	7	1993	3.73	1.29E-02	Lower
036-04	1.872	-0.980	1.00	3	1993	0.00	7.37E-17	Middle
036-04	1.848	-1.128	0.85	14	1993	6.35	2.36E-06	Upper
038-02	1.650	-1.607	0.69	17	1976	14.90	3.85E-05	Middle
038-02	1.716	-1.568	0.74	22	1976	17.93	3.28E-07	Upper
052-06	0.785	1.093	0.95	41	1975	1.31	3.46E-26	Lower
052-06	0.919	0.853	0.91	39	1975	3.06	1.01E-20	Middle
052-06	1.131	0.597	0.94	46	1975	3.45	4.41E-28	Upper
052-08	2.771	0.002	0.99	9	1992	0.43	3.28E-08	Middle
052-08	1.792	-0.955	0.91	20	1992	5.81	7.48E-11	Upper
052-30	1.036	0.070	0.57	19	1972	10.71	1.96E-04	Lower
052-30	1.253	-1.829	0.61	20	1972	12.81	4.50E-05	Middle
052-30	1.498	-1.670	0.75	25	1972	16.96	1.77E-08	Upper
053-01	1.671	-1.258	0.59	11	1974	17.01	5.57E-03	Lower
053-01	1.968	-1.301	0.83	10	1989	7.34	2.18E-04	Middle
053-01	1.838	-1.524	0.81	17	1966	12.33	7.47E-07	Upper
102-01	1.006	-2.197	0.51	46	1983	28.25	2.69E-08	Middle
102-01	1.430	-1.824	0.74	59	1956	41.60	2.13E-18	Upper
103-01	1.645	-0.466	0.52	23	1994	43.57	1.02E-04	Lower
103-01	1.865	-1.228	0.80	25	1992	17.62	1.86E-09	Middle
103-01	1.729	-1.376	0.80	31	1992	18.71	1.04E-11	Upper
142-01	0.755	0.602	0.98	4	1973	0.06	1.16E-02	Lower
142-01	0.815	0.266	0.99	4	1973	0.04	4.76E-03	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
142-01	1.157	-0.379	0.75	11	1973	4.82	5.63E-04	Upper
148-03	1.179	-0.791	0.73	21	1953	16.46	8.01E-07	Lower
148-03	1.533	-1.259	0.94	24	1953	5.89	1.11E-14	Middle
148-03	1.432	-1.380	0.95	30	1953	5.73	1.87E-19	Upper
164-02	0.771	0.344	0.91	6	1980	0.27	3.02E-03	Lower
164-02	0.815	0.283	0.94	6	1980	0.30	1.26E-03	Middle
164-02	1.238	-0.478	0.79	12	1980	3.81	1.06E-04	Upper
193-31	0.797	0.598	0.93	9	1956	0.60	2.74E-05	Lower
193-31	0.870	0.097	0.87	10	1956	1.52	7.52E-05	Middle
193-31	1.427	-1.350	0.72	14	1956	15.47	1.19E-04	Upper
201-01	0.938	0.329	0.95	27	1973	1.35	8.18E-18	Lower
201-01	0.911	0.203	0.94	30	1973	1.64	1.70E-18	Middle
201-01	1.530	-1.049	0.92	33	1973	6.99	1.27E-18	Upper
207-07	1.475	-0.835	0.92	16	1947	6.15	6.49E-09	Lower
207-07	1.482	-1.380	0.99	17	1947	0.99	4.18E-15	Middle
207-07	1.389	-1.482	0.97	23	1947	2.09	4.73E-18	Upper
238-03	0.879	0.806	0.94	7	1984	0.32	3.10E-04	Lower
238-03	1.049	0.483	0.92	8	1984	0.56	1.50E-04	Middle
238-03	1.539	-0.296	0.81	12	1984	5.65	6.35E-05	Upper
245-02	0.905	0.583	0.93	55	1982	3.09	1.23E-32	Lower
245-02	0.877	0.455	0.90	54	1982	4.25	4.49E-28	Middle
245-02	0.834	0.213	0.69	60	1982	17.39	1.93E-16	Upper
248-02	1.591	-0.878	0.89	57	1965	25.73	7.05E-28	Lower
248-02	1.602	-1.322	0.96	59	1965	10.09	1.89E-40	Middle
248-02	1.557	-1.350	0.95	64	1965	11.28	1.56E-42	Upper
254-02	1.624	-1.381	0.86	9	1977	3.19	3.02E-04	Upper
255-01	0.834	-0.084	0.92	20	1976	1.65	1.49E-11	Lower
255-01	1.083	-0.668	0.77	19	1976	9.34	7.41E-07	Middle
255-01	1.463	-1.387	0.92	26	1976	6.95	1.93E-14	Upper
255-02	1.629	-0.901	0.68	40	1988	45.91	4.62E-11	Lower
255-02	1.612	-1.442	0.85	36	1988	14.77	1.06E-15	Middle
255-02	1.524	-1.636	0.82	48	1988	25.48	1.60E-18	Upper
258-02	0.907	0.550	0.91	10	1971	0.75	1.57E-05	Lower
258-02	1.852	-0.387	0.81	10	1971	6.77	3.79E-04	Middle
258-02	1.924	-0.848	0.96	15	1959	2.32	1.65E-10	Upper
311-01	1.880	-0.888	0.64	8	1956	12.29	1.77E-02	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
315-01	0.749	0.305	0.90	19	1975	1.20	5.77E-10	Lower
315-01	0.765	0.021	0.89	22	1975	1.73	4.92E-11	Middle
315-01	1.476	-1.363	0.90	25	1975	5.72	3.50E-13	Upper
320-01	1.429	-2.014	0.81	6	1975	3.00	1.49E-02	Upper
368-03	0.990	0.566	0.86	21	1971	2.64	1.80E-09	Lower
368-03	1.505	-0.941	0.54	22	1971	33.03	1.10E-04	Middle
368-03	1.805	-1.174	0.75	29	1971	22.25	1.17E-09	Upper
373-01	2.054	-0.776	0.99	11	1990	0.44	1.66E-10	Lower
373-01	2.084	-0.742	0.99	14	1990	0.57	1.03E-13	Middle
373-01	1.864	-0.983	1.00	16	1990	0.12	3.50E-20	Upper
382-05	0.734	0.681	0.81	9	1988	0.56	9.91E-04	Lower
382-05	0.794	0.342	0.91	12	1988	0.50	1.36E-06	Middle
382-05	1.794	-0.907	0.91	15	1988	2.72	4.16E-08	Upper
396-30	0.667	1.062	0.75	24	1992	2.00	4.69E-08	Lower
396-30	0.579	0.917	0.67	25	1992	2.70	5.33E-07	Middle
399-02	0.924	0.108	0.93	7	1975	0.62	3.89E-04	Lower
399-02	1.582	-1.284	0.98	7	1975	0.49	1.50E-05	Middle
399-02	1.572	-1.279	0.95	13	1975	2.20	1.75E-08	Upper
831-07	1.820	-0.373	0.73	15	1978	13.28	5.61E-05	Lower
831-07	2.049	-0.788	0.99	13	1978	0.22	3.92E-13	Middle
831-07	1.808	-1.012	0.97	19	1978	1.53	1.15E-14	Upper
832-32	1.401	-1.957	0.73	7	1961	6.11	1.38E-02	Upper
836-08	1.269	-0.701	0.55	15	1975	22.20	1.56E-03	Lower
836-08	1.399	-1.774	0.80	16	1975	10.92	3.21E-06	Middle
836-08	1.445	-1.805	0.76	24	1975	21.16	3.58E-08	Upper
836-12	1.593	-1.281	0.99	9	1951	0.23	7.39E-08	Lower
836-12	1.493	-1.385	0.99	8	1951	0.34	7.05E-07	Middle
836-12	1.385	-1.490	0.95	15	1951	1.24	4.70E-10	Upper
838-01	1.503	-1.221	0.96	26	1956	4.56	2.98E-18	Lower
838-01	1.434	-1.450	0.99	24	1956	0.74	1.75E-24	Middle
838-01	1.353	-1.533	0.97	32	1956	2.82	2.11E-25	Upper
840-20	1.712	-1.703	0.54	9	1980	15.56	2.44E-02	Upper
840-22	0.754	0.420	0.88	11	1979	0.84	1.76E-05	Lower
840-22	1.156	-0.371	0.83	12	1979	3.44	3.91E-05	Middle
840-22	1.613	-1.124	0.77	23	1979	13.86	3.61E-08	Upper
840-24	0.705	0.348	0.89	8	1970	0.75	4.48E-04	Lower

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
840-24	0.822	0.145	0.81	14	1970	2.26	1.12E-05	Middle
840-24	1.477	-1.022	0.81	17	1970	9.35	7.52E-07	Upper
840-29	1.941	-1.503	0.73	15	1994	13.71	4.87E-05	Upper
840-34	0.913	0.139	0.97	10	1972	0.41	2.80E-07	Lower
840-34	1.436	-0.779	0.87	12	1972	5.86	1.06E-05	Middle
840-34	1.594	-1.274	0.99	15	1972	0.54	1.18E-14	Upper
852-21	1.803	-1.001	0.96	10	1980	1.50	6.47E-07	Upper
852-25	1.330	-1.944	0.63	50	1971	50.85	7.09E-12	Upper
853-34	0.747	0.954	0.97	4	1961	0.08	1.49E-02	Lower
853-34	1.473	-0.622	0.66	10	1961	13.68	4.35E-03	Upper
855-07	0.959	0.588	0.95	68	1987	2.80	1.38E-43	Lower
855-07	0.920	0.508	0.93	69	1987	3.55	1.59E-40	Middle
855-07	1.211	0.059	0.74	73	1987	28.98	1.22E-22	Upper
855-08	0.885	0.595	0.93	26	1979	1.73	3.00E-15	Lower
855-08	1.716	-1.540	0.75	31	1979	33.16	2.87E-10	Upper
855-12	0.848	0.273	0.57	16	1956	13.09	7.44E-04	Lower
855-12	1.366	-0.840	0.72	15	1956	16.66	6.34E-05	Middle
855-12	1.684	-1.643	0.89	22	1956	10.98	3.56E-11	Upper
855-14	1.257	-0.397	0.81	12	1979	5.91	6.18E-05	Lower
855-14	1.733	-1.127	0.99	9	1980	0.20	2.75E-09	Middle
855-14	1.629	-1.125	0.92	20	1980	5.17	2.20E-11	Upper

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	2.010	-1.266	0.72	9	1996	9.76	3.86E-03	Upper
002-01	0.973	0.106	0.98	28	1955	0.56	1.00E-24	Lower
002-01	1.371	-0.711	0.91	29	1955	5.63	9.13E-16	Middle
002-01	1.521	-1.349	0.97	34	1955	3.23	2.09E-25	Upper
004-01	1.663	-1.206	1.00	6	1949	0.01	1.08E-07	Middle
004-01	1.608	-1.065	0.88	10	1980	4.67	5.11E-05	Upper
004-05	1.854	-1.522	0.79	7	1962	6.15	7.90E-03	Upper
012-11	0.421	1.438	0.59	218	1970	15.14	1.40E-43	Lower
012-11	0.432	1.184	0.57	219	1970	17.20	4.16E-42	Middle
012-12	2.117	-0.701	0.60	86	1966	152.40	3.48E-18	Lower
012-12	2.345	-1.041	0.77	86	1966	84.12	3.30E-28	Middle
012-12	2.140	-1.202	0.73	96	1966	93.07	2.72E-28	Upper
012-13	0.986	0.541	1.00	3	1961	0.00	7.71E-17	Lower
012-13	0.943	0.318	1.00	3	1961	0.00	9.51E-17	Middle
012-13	1.254	-0.293	0.83	7	1961	3.53	4.53E-03	Upper
013-08	1.224	0.067	0.65	11	1975	9.41	2.57E-03	Lower
013-08	1.720	-1.341	0.84	13	1975	7.63	1.23E-05	Middle
013-08	1.608	-1.535	0.84	18	1975	10.20	8.23E-08	Upper
017-04	1.001	0.549	0.87	16	1995	1.59	1.15E-07	Lower
017-04	1.688	-1.598	0.68	26	1995	32.39	2.38E-07	Upper
021-02	1.645	-1.430	0.56	13	1964	12.47	3.46E-03	Middle
021-02	1.822	-1.267	0.76	16	1964	12.78	1.05E-05	Upper
024-01	1.232	0.588	0.98	4	1973	0.12	1.02E-02	Lower
024-01	2.106	-0.727	1.00	3	1973	0.00	4.31E-17	Middle
024-01	1.861	-0.979	0.98	8	1973	0.78	2.60E-06	Upper
025-09	1.414	-1.773	0.72	26	1968	17.11	5.02E-08	Upper
027-04	1.543	-1.524	0.54	9	1991	12.15	2.31E-02	Middle
028-03	1.239	-2.056	0.56	13	1964	9.38	3.42E-03	Middle
028-03	1.733	-1.512	0.74	19	1964	18.21	2.41E-06	Upper
034-30	0.867	0.769	0.96	110	1976	3.15	3.81E-76	Lower
034-30	1.189	0.138	0.80	108	1976	32.67	6.75E-39	Middle
034-30	1.832	-0.955	0.96	119	1976	15.60	5.66E-81	Upper
036-04	0.946	0.627	1.00	4	1993	0.00	4.63E-04	Lower
036-04	2.055	-0.688	0.95	9	1993	1.36	7.14E-06	Upper
044-01	0.715	0.801	0.73	183	1990	37.45	7.10E-53	Lower
044-01	1.699	-0.794	0.78	183	1983	161.64	5.26E-61	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
044-01	1.688	-1.448	0.83	193	1983	117.27	6.43E-76	Upper
050-07	1.110	0.428	0.53	35	1988	21.55	6.30E-07	Lower
050-07	2.124	-1.299	0.61	36	1988	57.20	1.57E-08	Middle
050-07	1.802	-1.560	0.61	39	1988	47.47	5.63E-09	Upper
052-05	1.879	-1.415	0.81	16	1972	13.59	2.28E-06	Middle
052-05	1.896	-1.328	0.83	19	1972	14.33	4.78E-08	Upper
053-01	1.733	-1.480	0.79	13	1974	9.36	4.53E-05	Upper
053-04	1.178	-0.395	0.87	10	1974	2.82	8.62E-05	Lower
053-04	1.565	-1.305	0.98	13	1974	0.90	1.22E-10	Middle
053-04	1.480	-1.373	0.93	17	1974	3.18	4.87E-10	Upper
053-05	0.446	1.153	0.56	98	1994	10.68	5.19E-19	Lower
053-08	0.844	0.824	0.93	69	1957	3.71	1.48E-40	Lower
053-08	0.993	0.412	0.93	72	1957	5.50	3.58E-42	Middle
053-08	1.530	-0.471	0.82	79	1957	40.71	1.92E-30	Upper
054-04	1.980	-0.846	0.98	6	1982	0.54	1.08E-04	Middle
054-04	1.655	-1.184	0.97	9	1982	1.06	2.16E-06	Upper
055-06	1.454	-1.790	0.63	37	1984	43.20	5.83E-09	Upper
055-07	1.496	-0.553	0.85	20	1983	8.97	6.75E-09	Lower
055-07	1.709	-1.142	0.98	24	1983	1.76	2.09E-19	Middle
055-07	1.550	-1.301	0.94	29	1983	4.50	5.43E-18	Upper
055-30	1.302	-0.684	0.87	27	1964	11.41	1.45E-12	Lower
055-30	1.580	-1.292	1.00	26	1964	0.51	1.57E-29	Middle
055-30	1.421	-1.461	0.98	36	1967	2.37	3.73E-30	Upper
058-01	0.973	-1.089	0.75	72	198	75.44	1.70E-22	Lower
058-01	0.878	-1.141	0.70	70	198	73.19	1.98E-19	Middle
058-01	0.801	-1.318	0.69	79	198	72.30	2.80E-21	Upper
060-01	0.828	0.803	0.83	11	1967	1.26	9.72E-05	Lower
060-01	1.728	-0.547	0.74	16	1967	16.64	2.12E-05	Middle
060-01	1.818	-1.170	0.79	24	1967	20.06	5.72E-09	Upper
065-04	1.374	-1.872	0.55	51	1996	42.08	5.29E-10	Upper
083-04	1.043	0.810	0.99	7	2002	0.04	8.43E-06	Lower
102-02	1.480	0.251	0.57	30	1975	32.43	1.59E-06	Lower
102-02	1.364	-1.698	0.60	33	1975	32.62	1.19E-07	Middle
102-02	1.219	-1.995	0.62	36	1964	30.26	1.01E-08	Upper
142-04	0.882	0.881	0.97	10	1989	0.21	1.29E-07	Lower
142-04	0.980	0.595	0.94	9	1989	0.60	1.84E-05	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
142-04	1.756	-0.497	0.86	18	1973	7.95	4.05E-08	Upper
177-03	1.927	-0.919	0.99	7	1977	0.23	1.86E-06	Middle
177-03	1.643	-1.218	0.97	9	1977	1.24	2.07E-06	Upper
193-06	0.777	0.895	0.75	107	1953	15.47	2.49E-33	Lower
193-06	1.813	-1.191	0.64	106	1953	149.29	4.36E-25	Middle
193-06	1.813	-1.479	0.69	116	1953	129.34	9.26E-31	Upper
198-03	1.317	-1.579	1.00	5	1965	0.00	1.77E-48	Middle
198-03	1.390	-1.470	0.97	9	1965	1.02	2.23E-06	Upper
208-01	1.557	-1.317	1.00	7	1947	0.14	4.37E-07	Middle
208-01	1.519	-1.295	0.95	11	1947	2.48	4.96E-07	Upper
236-02	2.096	-0.739	1.00	5	1994	0.01	1.34E-06	Middle
236-02	2.322	-1.199	0.80	11	1991	9.08	1.87E-04	Upper
239-02	1.443	-1.145	0.93	97	1954	29.17	3.83E-56	Lower
239-02	1.448	-1.436	0.99	94	1954	2.31	3.52E-103	Middle
239-02	1.314	-1.579	0.98	103	1954	5.22	1.90E-93	Upper
243-02	1.268	-0.557	0.75	6	1970	4.67	2.47E-02	Lower
243-02	1.721	-1.138	0.99	9	1979	0.35	1.40E-08	Middle
243-02	1.600	-1.269	0.98	12	1970	0.98	7.28E-10	Upper
249-01	1.515	-0.699	0.91	18	1974	5.94	1.14E-09	Lower
249-01	1.755	-1.275	0.93	18	1974	5.83	1.28E-10	Middle
249-01	1.587	-1.368	0.91	30	1974	8.31	4.19E-16	Upper
250-01	0.987	0.366	0.90	14	1988	1.44	1.74E-07	Lower
250-01	1.885	-0.942	0.99	16	1986	0.77	1.21E-14	Middle
250-01	1.686	-1.079	0.90	24	1986	5.72	1.02E-12	Upper
253-02	0.975	1.635	0.87	66	1967	3.59	2.02E-30	Lower
257-04	1.344	-0.572	0.88	50	1970	18.59	1.35E-23	Lower
257-04	1.610	-1.242	0.99	51	1970	2.28	1.46E-49	Middle
257-04	1.509	-1.335	0.97	66	1961	6.24	4.29E-50	Upper
258-02	1.791	-0.367	0.85	19	1990	12.16	1.64E-08	Lower
258-02	1.986	-0.821	0.98	22	1990	2.04	2.40E-18	Middle
258-02	1.740	-1.064	0.95	29	1986	4.31	1.03E-19	Upper
258-31	1.832	-0.384	0.91	23	1983	9.81	2.26E-12	Lower
258-31	1.993	-0.843	0.99	23	1983	0.69	4.62E-25	Middle
258-31	1.774	-1.071	0.98	29	1983	1.78	1.09E-25	Upper
258-32	1.031	0.165	0.98	15	1986	0.33	8.02E-13	Lower
258-32	1.835	-1.010	1.00	13	1986	0.28	5.03E-14	Middle

$$LCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
258-32	1.719	-1.114	0.96	21	1986	2.57	4.20E-15	Upper
260-06	1.117	1.171	0.84	6	1995	0.97	1.06E-02	Middle
262-02	1.307	0.361	0.64	96	1988	76.22	1.10E-22	Lower
262-02	1.967	-1.265	0.77	98	1988	93.57	2.98E-32	Middle
262-02	1.753	-1.446	0.78	104	1988	76.99	3.47E-35	Upper
263-03	1.039	0.500	0.89	11	1982	0.85	1.42E-05	Lower
263-03	1.702	-0.871	0.60	8	1982	9.22	2.40E-02	Middle
263-03	1.823	-1.415	0.73	16	1982	14.30	2.29E-05	Upper
265-01	1.193	-0.045	0.54	52	1975	69.67	6.54E-10	Lower
265-01	1.720	-1.377	0.84	51	1981	32.52	3.55E-21	Middle
265-01	1.590	-1.530	0.83	62	1981	36.40	1.73E-24	Upper
265-02	1.616	-1.256	1.00	7	1985	0.00	2.01E-10	Upper
268-01	1.660	-1.458	0.60	26	1974	38.14	3.35E-06	Upper
272-02	1.395	-0.332	0.80	5	1988	2.76	4.15E-02	Lower
272-02	1.784	-1.075	1.00	3	1988	0.00	9.06E-17	Middle
272-02	1.795	-1.011	0.97	11	1988	1.02	3.89E-08	Upper
296-03	1.065	0.754	0.99	5	1983	0.05	3.25E-04	Lower
296-03	0.995	0.677	1.00	3	1983	0.00	1.68E-02	Middle
296-03	0.999	0.680	1.00	8	1983	0.01	6.76E-11	Upper
368-03	0.971	0.846	0.96	8	1971	0.22	2.18E-05	Lower
368-03	1.825	-1.358	0.56	12	1971	21.49	4.89E-03	Upper
420-01	0.965	0.709	0.94	23	1998	0.79	1.55E-14	Lower
420-01	1.494	-1.601	0.52	28	1998	36.63	1.65E-05	Upper
837-04	1.351	-1.778	0.55	25	1956	18.34	2.38E-05	Upper
837-17	1.023	0.148	0.98	27	1968	0.81	2.51E-22	Lower
837-17	1.344	-0.688	0.90	29	1968	7.18	5.37E-15	Middle
837-17	1.520	-1.347	0.97	33	1968	2.93	4.17E-25	Upper
852-26	1.763	-1.488	0.64	8	1963	12.23	1.65E-02	Upper
853-36	1.830	-1.025	1.00	7	1981	0.05	7.24E-08	Lower
853-36	1.744	-1.118	1.00	7	1986	0.00	3.90E-81	Middle
853-36	1.608	-1.265	0.99	11	1986	0.35	2.17E-10	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
002-01	0.980	0.059	1.00	21	1955	0.05	7.23E-28	Lower
002-01	1.692	-1.174	1.00	21	1955	0.04	2.95E-33	Middle
002-01	1.551	-1.323	0.97	26	1955	2.21	1.32E-20	Upper
004-05	1.791	-1.597	0.81	7	1962	5.53	5.54E-03	Upper
012-11	2.000	-1.485	0.63	123	1976	165.04	3.66E-28	Middle
012-11	1.685	-1.708	0.65	129	1970	118.61	1.14E-30	Upper
012-12	2.258	-0.612	0.93	28	1966	10.66	2.94E-16	Lower
012-12	2.176	-0.638	0.99	33	1966	1.40	2.73E-33	Middle
012-12	1.854	-1.069	0.88	36	1966	16.42	4.88E-17	Upper
013-08	1.173	-1.909	0.71	10	1975	3.50	2.11E-03	Middle
013-08	1.245	-1.913	0.74	12	1975	5.33	3.24E-04	Upper
013-09	0.870	1.261	0.84	14	1975	0.83	3.67E-06	Lower
013-09	2.206	-1.025	0.59	18	1975	30.67	2.05E-04	Middle
013-09	2.029	-1.348	0.53	20	1975	36.02	2.54E-04	Upper
021-02	1.744	-1.059	0.56	12	1964	14.11	5.04E-03	Lower
021-02	1.567	-1.557	0.68	13	1964	10.00	5.07E-04	Middle
021-02	1.636	-1.439	0.75	16	1964	10.69	1.63E-05	Upper
024-01	0.993	0.373	1.00	4	1973	0.01	9.15E-04	Lower
024-01	0.836	-0.082	0.94	4	1973	0.26	3.20E-02	Middle
024-01	1.513	-1.354	0.96	9	1973	0.93	2.88E-06	Upper
025-09	1.792	-1.329	0.79	26	1968	20.91	1.36E-09	Middle
025-09	1.640	-1.557	0.78	31	1968	23.20	6.44E-11	Upper
028-03	1.348	-1.879	0.68	16	1964	10.92	9.34E-05	Upper
034-30	1.608	-0.145	0.82	46	1975	30.86	4.70E-18	Lower
034-30	1.944	-0.894	0.99	46	1976	1.65	1.04E-47	Middle
034-30	1.665	-1.183	0.96	52	1990	6.55	1.48E-37	Upper
044-01	1.403	-1.726	0.63	123	1983	85.77	1.32E-27	Upper
050-07	2.019	-1.010	0.51	30	1988	70.64	8.25E-06	Lower
050-07	1.859	-1.527	0.56	28	1988	47.46	4.70E-06	Middle
050-07	1.714	-1.637	0.58	34	1988	44.95	2.02E-07	Upper
051-04	0.655	-0.085	0.65	11	1971	1.73	2.82E-03	Upper
052-05	1.161	-1.996	0.56	14	1972	7.75	2.04E-03	Upper
053-04	1.870	-0.982	1.00	6	1974	0.00	6.74E-09	Middle
053-04	1.652	-1.223	0.96	7	1974	1.38	1.40E-04	Upper
053-08	1.346	-0.452	0.67	33	1957	28.01	6.48E-09	Lower
053-08	1.726	-1.102	0.98	35	1957	2.49	3.21E-28	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
053-08	1.650	-1.171	0.97	39	1957	3.90	4.10E-29	Upper
054-04	1.093	0.176	1.00	4	1982	0.03	2.47E-03	Lower
054-04	1.571	-0.638	0.87	6	1982	2.67	6.18E-03	Middle
054-04	1.562	-1.323	0.98	9	1982	0.40	1.37E-07	Upper
055-04	1.395	-0.828	0.89	6	1951	2.67	4.61E-03	Lower
055-04	1.558	-1.321	1.00	6	1951	0.09	4.81E-06	Middle
055-04	1.455	-1.429	1.00	9	1951	0.02	6.92E-13	Upper
055-06	1.439	-1.876	0.58	31	1984	40.29	7.10E-07	Middle
055-06	1.620	-1.684	0.71	42	1984	45.30	2.80E-12	Upper
055-07	1.648	-1.222	0.98	8	1983	0.37	1.41E-06	Lower
055-07	1.595	-1.280	0.99	8	1983	0.28	6.77E-07	Middle
055-07	1.383	-1.507	1.00	13	1983	0.13	1.08E-14	Upper
055-30	1.617	-1.254	1.00	17	1982	0.03	3.85E-26	Lower
055-30	1.570	-1.305	1.00	18	1964	0.08	1.32E-24	Middle
055-30	1.493	-1.388	1.00	24	1967	0.32	1.62E-28	Upper
058-01	1.049	-1.730	0.88	23	198	11.02	3.66E-11	Lower
058-01	1.005	-1.805	0.91	23	198	7.07	1.23E-12	Middle
058-01	0.938	-1.839	0.90	29	198	10.34	2.57E-15	Upper
060-01	1.194	-1.643	0.52	9	1967	8.71	2.88E-02	Lower
060-01	1.345	-1.919	0.65	9	1967	6.11	8.96E-03	Middle
060-01	1.593	-1.580	0.88	18	1967	8.30	1.22E-08	Upper
083-04	1.005	1.554	0.97	6	2002	0.06	4.47E-04	Lower
102-02	1.227	-0.094	0.51	31	1975	37.46	6.37E-06	Lower
102-02	1.126	-2.074	0.52	33	1975	30.88	2.32E-06	Middle
102-02	1.227	-1.995	0.66	37	1964	29.76	1.26E-09	Upper
142-04	1.450	0.139	0.77	6	1989	3.37	2.20E-02	Lower
142-04	2.045	-0.930	0.86	11	1989	6.59	4.35E-05	Upper
193-06	1.601	-1.718	0.69	96	1994	92.68	2.21E-25	Middle
193-06	1.483	-1.771	0.69	105	1953	85.39	3.00E-28	Upper
198-03	1.627	-1.244	1.00	6	1965	0.02	4.12E-07	Middle
198-03	1.362	-1.527	0.99	7	1965	0.20	2.71E-06	Upper
207-03	0.960	0.033	0.99	4	1956	0.03	2.57E-03	Lower
207-03	1.328	-0.569	0.89	6	1956	2.04	4.29E-03	Middle
207-03	1.563	-1.317	0.98	8	1956	0.43	1.20E-06	Upper
208-01	1.652	-1.216	1.00	5	1947	0.01	3.01E-06	Middle
208-01	1.289	-1.605	0.96	9	1947	1.28	5.23E-06	Upper

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
239-02	1.440	-1.029	0.93	123	1954	37.85	4.19E-70	Lower
239-02	1.484	-1.396	0.99	126	1954	2.68	2.92E-143	Middle
239-02	1.337	-1.555	0.98	129	1954	7.58	3.30E-113	Upper
243-02	1.874	-0.977	1.00	6	1979	0.00	1.11E-62	Middle
243-02	1.517	-1.362	1.00	7	1970	0.07	2.15E-07	Upper
249-01	1.001	0.083	0.99	14	1974	0.25	5.68E-13	Lower
249-01	1.201	-0.571	0.69	17	1974	14.93	3.47E-05	Middle
249-01	1.635	-1.358	0.90	24	1974	8.78	1.32E-12	Upper
250-01	0.830	0.210	0.93	9	1989	0.50	2.30E-05	Lower
250-01	1.472	-0.609	0.81	9	1986	4.97	1.00E-03	Middle
250-01	1.746	-1.052	0.94	17	1986	3.23	1.89E-10	Upper
257-04	1.384	-0.707	0.83	23	1970	14.56	1.62E-09	Lower
257-04	1.634	-1.239	1.00	18	1970	0.13	1.32E-22	Middle
257-04	1.459	-1.427	0.97	34	1961	3.67	1.49E-26	Upper
258-02	2.007	-0.830	0.99	13	1990	0.56	1.75E-12	Middle
258-02	1.727	-1.109	0.95	18	1990	3.92	1.62E-11	Upper
258-32	1.330	-0.179	0.71	9	1986	6.01	4.10E-03	Lower
258-32	1.751	-1.106	0.97	7	1986	0.56	4.88E-05	Middle
258-32	1.677	-1.185	0.98	12	1986	0.74	9.54E-10	Upper
262-02	1.366	-1.797	0.58	76	1988	56.41	2.06E-15	Upper
263-03	1.363	-1.777	0.65	8	1982	4.75	1.55E-02	Middle
263-03	1.544	-1.631	0.67	15	1982	11.71	2.06E-04	Upper
265-01	1.532	-1.589	0.75	38	1981	25.12	1.95E-12	Middle
265-01	1.412	-1.734	0.79	46	1975	23.51	2.63E-16	Upper
265-02	1.046	-0.361	0.70	6	1985	3.18	3.86E-02	Lower
265-02	1.569	-1.276	0.95	9	1985	1.32	6.09E-06	Upper
272-02	1.927	-0.913	0.99	5	1988	0.20	3.50E-04	Lower
272-02	1.696	-1.157	0.98	10	1988	0.70	8.48E-08	Upper
368-03	1.865	0.362	0.64	7	1971	8.70	3.16E-02	Lower
368-03	1.622	-1.549	0.52	11	1971	18.45	1.22E-02	Upper
420-01	1.077	0.615	0.79	23	1998	4.65	1.79E-08	Lower
420-01	1.579	-1.536	0.53	28	1998	40.58	1.22E-05	Upper
837-04	1.446	-1.731	0.55	23	1956	22.84	5.18E-05	Middle
837-04	1.455	-1.731	0.68	25	1956	18.48	4.29E-07	Upper
837-17	1.569	-1.020	0.94	15	1968	3.79	1.88E-09	Lower
837-17	1.558	-1.316	1.00	15	1968	0.13	1.04E-18	Middle

$$PI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-17	1.478	-1.399	0.98	21	1968	1.76	6.43E-17	Upper
852-26	1.002	1.382	1.00	3	1963	0.00	1.32E-16	Lower
852-26	2.642	-0.026	0.96	5	1963	1.14	3.88E-03	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	0.545	1.140	0.79	8	1996	0.35	2.99E-03	Lower
001-01	0.596	1.116	0.82	10	1996	0.43	2.98E-04	Middle
001-06	0.928	0.392	1.00	5	1971	0.02	6.46E-05	Lower
001-06	0.948	0.343	0.99	4	1971	0.06	7.30E-03	Middle
001-06	0.986	0.086	0.98	16	1971	0.31	5.30E-13	Upper
002-01	0.944	0.019	0.99	30	1955	0.18	6.21E-33	Lower
002-01	1.627	-1.243	1.00	29	1955	0.02	6.55E-50	Middle
002-01	1.590	-1.282	1.00	36	1955	0.17	4.09E-49	Upper
004-01	0.841	0.478	0.92	11	1953	0.89	2.72E-06	Lower
004-01	1.031	0.182	0.96	14	1949	0.74	9.01E-10	Middle
004-01	0.951	0.203	0.90	20	1949	2.12	1.24E-10	Upper
004-05	0.421	1.231	0.69	6	1962	0.51	4.08E-02	Lower
004-05	0.700	1.040	0.73	6	1962	1.00	2.96E-02	Middle
004-05	0.911	0.510	0.72	14	1962	4.10	1.13E-04	Upper
006-07	1.558	-1.316	0.99	49	1950	0.12	7.75E-53	Upper
012-11	0.464	1.129	0.65	249	1969	14.85	1.32E-58	Lower
012-11	0.474	0.888	0.70	249	1969	12.51	4.13E-67	Middle
012-11	0.469	0.666	0.67	255	1970	14.19	1.81E-63	Upper
012-12	0.458	1.221	0.71	121	1966	5.14	9.08E-34	Lower
012-12	0.471	1.072	0.77	125	1966	4.06	8.19E-41	Middle
012-13	1.020	0.402	1.00	3	1961	0.00	1.03E-16	Lower
012-13	0.992	0.274	0.99	5	1961	0.08	4.69E-04	Middle
012-13	0.968	0.052	0.94	8	1961	0.71	7.44E-05	Upper
013-01	1.011	0.094	1.00	5	1971	0.01	3.20E-05	Lower
013-01	0.898	-0.018	0.97	6	1971	0.13	3.37E-04	Middle
013-01	0.854	-0.070	0.98	10	1971	0.13	2.45E-08	Upper
013-08	0.487	0.994	0.88	27	1975	0.94	8.04E-13	Lower
013-08	0.906	0.351	0.86	27	1975	4.08	3.83E-12	Middle
013-08	1.081	0.004	0.68	37	1975	19.13	3.60E-10	Upper
013-09	0.718	1.322	0.90	18	1975	0.53	2.49E-09	Lower
013-09	0.660	1.159	0.82	20	1975	1.06	3.19E-08	Middle
013-09	0.905	0.937	0.73	24	1975	3.86	1.01E-07	Upper
017-04	0.671	0.931	0.79	48	1995	3.28	2.03E-17	Lower
017-04	0.725	0.743	0.88	42	1995	1.92	1.03E-19	Middle
017-04	1.046	0.192	0.59	63	1995	29.86	2.35E-13	Upper
021-02	0.510	1.159	0.77	17	1964	1.34	3.95E-06	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
021-02	0.684	0.900	0.78	20	1964	2.62	2.74E-07	Middle
021-02	1.010	0.440	0.79	27	1964	7.38	5.54E-10	Upper
024-01	0.959	0.343	0.99	21	1973	0.20	7.29E-19	Lower
024-01	0.910	0.304	0.99	20	1973	0.11	1.79E-18	Middle
024-01	0.865	0.255	0.97	27	1973	0.46	2.24E-20	Upper
025-09	0.469	0.933	0.85	51	1968	2.09	6.51E-22	Lower
025-09	0.744	0.503	0.77	50	1968	8.78	8.43E-17	Middle
025-09	1.133	-0.165	0.65	60	1968	42.97	8.80E-15	Upper
027-03	0.570	1.214	0.87	7	1996	0.22	2.07E-03	Lower
027-03	0.577	1.075	0.98	5	1996	0.02	1.25E-03	Middle
027-03	0.826	0.959	0.84	12	1996	0.96	2.72E-05	Upper
027-04	0.522	0.981	0.74	23	1991	1.41	1.48E-07	Lower
027-04	0.643	0.759	0.74	20	1991	1.85	1.00E-06	Middle
027-04	0.848	0.587	0.80	28	1991	3.19	1.81E-10	Upper
028-03	0.456	1.288	0.71	23	1964	1.73	4.53E-07	Lower
028-03	0.526	1.196	0.76	23	1964	1.61	5.86E-08	Middle
028-03	1.040	0.564	0.76	29	1964	8.85	7.32E-10	Upper
030-04	0.973	0.376	0.97	6	1965	0.13	3.03E-04	Lower
030-04	0.973	0.360	0.99	9	1965	0.10	5.58E-08	Middle
030-04	0.924	0.315	0.99	12	1965	0.11	1.08E-10	Upper
031-04	1.056	0.260	0.98	9	1949	0.24	1.53E-07	Lower
031-04	1.481	-0.601	0.84	8	1949	4.80	1.29E-03	Middle
031-04	1.732	-1.119	0.99	14	1949	0.37	8.28E-15	Upper
034-30	0.904	0.641	0.97	156	1976	2.32	7.91E-123	Lower
034-30	0.915	0.498	0.98	151	1975	1.54	2.71E-131	Middle
034-30	0.897	0.354	0.97	165	1975	2.78	1.35E-124	Upper
036-04	0.864	0.770	0.98	6	1993	0.08	1.56E-04	Lower
036-04	0.861	0.712	0.95	8	1993	0.13	3.39E-05	Middle
036-04	1.327	0.217	0.76	11	1993	4.86	4.86E-04	Upper
043-05	0.743	0.930	0.93	7	1993	0.22	4.75E-04	Lower
043-05	0.859	0.905	0.92	8	1993	0.32	1.70E-04	Middle
043-05	0.903	0.737	0.94	12	1993	0.45	2.67E-07	Upper
044-01	0.349	1.063	0.58	299	1990	24.05	1.28E-58	Lower
044-01	0.571	0.587	0.60	301	1990	59.79	3.29E-62	Middle
044-01	0.839	0.163	0.65	309	1983	109.23	2.24E-71	Upper
044-02	0.624	1.210	0.81	7	1978	0.46	5.56E-03	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
044-02	0.969	0.704	0.72	13	1978	3.59	2.39E-04	Upper
047-05	0.904	0.279	0.98	6	1953	0.17	1.65E-04	Lower
047-05	0.912	-0.016	1.00	6	1953	0.00	9.57E-09	Middle
047-05	1.619	-1.253	1.00	9	1953	0.01	4.44E-14	Upper
050-07	0.736	1.097	0.91	57	1988	1.39	1.16E-30	Lower
050-07	0.712	0.983	0.92	56	1988	1.05	1.59E-31	Middle
051-04	0.279	1.073	0.62	22	1971	0.40	1.22E-05	Upper
052-03	0.982	0.361	1.00	6	1978	0.01	5.96E-07	Lower
052-03	0.958	0.336	1.00	8	1978	0.02	2.35E-09	Middle
052-03	0.885	0.271	0.96	10	1978	0.37	6.39E-07	Upper
052-05	0.961	0.493	0.95	21	1972	1.25	9.00E-14	Lower
052-05	1.577	-1.284	0.77	24	1972	20.88	1.54E-08	Upper
053-01	0.456	0.769	0.76	16	1966	1.38	1.04E-05	Lower
053-01	0.755	0.315	0.80	19	1966	3.48	2.94E-07	Middle
053-01	1.097	-0.351	0.73	25	1966	13.13	4.50E-08	Upper
053-04	1.033	0.121	1.00	29	1974	0.09	8.21E-33	Lower
053-04	1.000	0.087	1.00	30	1974	0.10	2.44E-34	Middle
053-04	0.959	0.043	0.99	35	1974	0.15	4.60E-37	Upper
053-05	0.529	1.053	0.77	145	1994	8.22	8.95E-48	Lower
053-05	0.724	0.660	0.92	141	1994	4.22	1.07E-78	Middle
053-05	0.814	0.373	0.89	156	1994	9.05	8.33E-76	Upper
053-08	0.789	0.780	0.95	73	1957	2.64	8.62E-47	Lower
053-08	0.927	0.498	0.90	77	1957	7.35	3.00E-39	Middle
053-08	1.195	0.077	0.81	83	1957	27.09	2.23E-31	Upper
054-04	0.932	0.197	0.93	21	1982	0.65	1.60E-12	Lower
054-04	0.937	0.042	0.97	23	1982	0.37	1.12E-17	Middle
054-04	0.883	-0.015	0.97	27	1982	0.41	6.79E-20	Upper
055-01	1.600	-1.273	1.00	6	1960	0.01	6.53E-08	Lower
055-01	1.557	-1.319	1.00	9	1960	0.03	9.58E-12	Middle
055-01	1.569	-1.313	0.99	12	1960	0.23	1.81E-12	Upper
055-04	0.981	0.059	1.00	10	1951	0.01	4.03E-15	Lower
055-04	0.956	0.031	1.00	9	1951	0.00	3.43E-13	Middle
055-04	0.924	-0.003	1.00	14	1951	0.04	2.55E-17	Upper
055-06	0.624	1.017	0.85	60	1984	3.88	3.61E-25	Lower
055-06	0.656	0.709	0.68	64	1984	11.52	6.55E-17	Middle
055-07	0.860	0.278	0.95	116	1983	1.36	2.88E-74	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
055-07	0.799	0.225	0.92	114	1983	1.83	8.25E-63	Middle
055-07	0.816	0.073	0.88	125	1983	3.31	3.51E-59	Upper
055-30	0.971	0.075	0.99	61	1964	0.48	4.42E-63	Lower
055-30	0.931	0.006	1.00	62	1964	0.05	1.92E-92	Middle
055-30	1.018	-0.224	0.91	75	1967	7.21	2.15E-39	Upper
056-07	0.339	0.576	0.71	10	1985	0.30	2.32E-03	Lower
056-07	1.256	-1.092	0.77	15	1965	6.10	1.79E-05	Upper
057-02	0.881	0.430	1.00	3	1976	0.01	2.82E-02	Lower
057-02	0.980	0.359	1.00	3	1981	0.00	3.29E-17	Middle
057-02	0.899	0.310	0.98	9	1981	0.14	4.03E-07	Upper
058-01	0.844	-1.021	0.68	102	198	94.15	2.05E-26	Lower
058-01	0.801	-0.953	0.64	102	198	96.72	5.09E-24	Middle
058-01	0.813	-1.070	0.68	109	198	94.21	6.41E-28	Upper
060-01	0.476	1.091	0.75	17	1967	1.54	6.03E-06	Lower
060-01	0.890	0.537	0.74	17	1955	5.15	1.08E-05	Middle
060-01	1.378	-0.333	0.65	32	1967	31.86	2.98E-08	Upper
065-04	0.569	1.130	0.83	102	1996	3.97	1.09E-40	Lower
065-04	0.579	0.916	0.85	102	1996	3.66	7.13E-43	Middle
066-07	0.710	0.799	0.92	65	1995	1.85	9.33E-36	Lower
066-07	0.802	0.651	0.93	63	1995	1.89	5.46E-37	Middle
066-07	0.860	0.515	0.91	75	1995	3.12	9.93E-41	Upper
083-04	0.813	1.610	0.89	8	2002	0.26	3.92E-04	Lower
083-04	0.820	1.422	0.93	5	2002	0.10	7.51E-03	Middle
102-02	0.557	0.905	0.85	53	1975	3.85	1.86E-22	Lower
102-02	0.839	0.467	0.81	54	1964	11.26	1.73E-20	Middle
102-02	1.105	-0.298	0.61	61	1964	60.93	1.23E-13	Upper
142-04	0.848	0.808	0.94	16	1973	0.55	3.88E-10	Lower
142-04	0.947	0.646	0.99	16	1989	0.16	2.10E-14	Middle
142-04	0.920	0.600	0.90	23	1989	1.59	4.78E-12	Upper
177-03	0.999	0.304	0.99	12	1977	0.12	7.17E-12	Lower
177-03	1.023	0.105	1.00	15	1977	0.02	1.14E-20	Middle
177-03	0.972	0.050	1.00	16	1977	0.08	7.33E-18	Upper
177-30	0.718	0.886	0.90	9	1984	0.40	9.18E-05	Lower
177-30	0.840	0.613	0.87	9	1984	0.93	2.24E-04	Middle
177-30	1.303	-0.038	0.51	14	1984	17.74	4.29E-03	Upper
193-02	0.581	0.799	0.80	10	1977	0.89	5.25E-04	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
193-02	0.815	0.425	0.74	9	1977	1.84	2.75E-03	Middle
193-02	1.066	0.086	0.71	15	1977	7.25	8.84E-05	Upper
193-06	0.485	1.108	0.72	147	1953	10.52	4.16E-42	Lower
193-06	0.544	0.927	0.79	142	1953	8.86	3.25E-49	Middle
193-06	1.030	0.300	0.55	156	1994	108.31	2.59E-28	Upper
198-03	0.814	0.340	0.94	14	1980	0.64	7.26E-09	Lower
198-03	0.965	0.043	1.00	16	1965	0.01	1.40E-24	Middle
198-03	0.893	0.158	0.88	24	1965	2.40	1.16E-11	Upper
207-03	1.714	-1.155	0.99	5	1956	0.21	5.73E-04	Lower
207-03	1.683	-1.188	0.99	8	1956	0.27	1.97E-07	Middle
207-03	1.657	-1.216	1.00	10	1956	0.16	1.53E-10	Upper
208-01	0.903	0.077	0.99	17	1982	0.12	2.68E-17	Lower
208-01	0.914	-0.013	1.00	12	1947	0.01	7.18E-18	Middle
208-01	0.893	0.024	0.97	26	1947	0.66	1.33E-19	Upper
219-07	0.894	0.461	0.99	6	1984	0.03	3.73E-05	Lower
219-07	0.869	0.435	0.98	9	1984	0.11	2.37E-07	Middle
219-07	0.838	0.411	0.97	12	1984	0.19	5.68E-09	Upper
221-01	0.542	1.137	0.75	16	1995	0.67	1.65E-05	Lower
221-01	0.709	0.869	0.88	18	1995	0.65	1.08E-08	Middle
221-01	0.683	0.572	0.89	21	1995	0.57	1.84E-10	Upper
230-06	0.762	0.760	0.93	6	1992	0.14	1.65E-03	Lower
230-06	0.811	0.690	0.96	5	1992	0.11	3.03E-03	Middle
230-06	1.398	0.093	0.72	12	1992	5.03	4.56E-04	Upper
236-02	0.558	0.997	0.86	5	1994	0.17	2.36E-02	Lower
236-02	0.573	0.880	0.91	9	1994	0.20	6.33E-05	Middle
236-02	0.678	0.711	0.71	14	1991	1.37	1.41E-04	Upper
239-02	0.924	-0.001	1.00	333	1954	0.99		Lower
239-02	0.964	-0.184	0.93	329	1954	21.96	3.84E-195	Middle
239-02	1.565	-1.307	1.00	339	1954	1.93		Upper
240-01	0.912	-0.015	1.00	7	1959	0.01	7.22E-09	Lower
240-01	0.870	-0.060	1.00	8	1965	0.01	1.44E-09	Middle
240-01	1.625	-1.186	0.98	19	1959	0.90	5.73E-16	Upper
243-02	0.999	0.078	0.99	17	1979	0.12	6.82E-18	Lower
243-02	0.979	0.058	0.99	21	1979	0.20	5.55E-21	Middle
243-02	0.935	0.013	0.98	25	1970	0.37	6.03E-22	Upper
249-01	0.860	0.522	0.95	47	1995	1.41	5.49E-30	Lower

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
249-01	0.965	0.291	0.94	52	1974	2.04	5.13E-32	Middle
249-01	0.997	0.171	0.93	60	1974	2.82	1.19E-35	Upper
249-90	0.824	0.196	0.81	5	1970	1.14	3.59E-02	Lower
249-90	0.759	0.127	0.78	8	1970	1.91	3.73E-03	Middle
249-90	0.727	-0.106	0.65	8	1970	3.33	1.59E-02	Upper
250-01	0.823	0.667	0.97	24	1989	0.37	1.03E-17	Lower
250-01	0.876	0.554	0.96	21	1989	0.62	1.73E-14	Middle
250-01	0.967	0.326	0.94	34	1986	1.26	7.80E-21	Upper
253-02	0.531	1.183	0.74	82	1967	6.46	6.00E-25	Lower
253-02	0.529	1.048	0.75	86	1967	6.37	2.26E-27	Middle
257-04	0.896	-0.029	0.98	101	1970	1.60	1.33E-84	Lower
257-04	1.422	-1.063	0.94	97	1961	11.56	3.78E-61	Middle
257-04	1.504	-1.342	0.99	117	1961	2.67	9.02E-113	Upper
258-02	0.787	0.669	0.93	52	1990	1.61	4.06E-30	Lower
258-02	0.794	0.584	0.93	53	1990	1.69	2.38E-31	Middle
258-02	0.857	0.422	0.90	69	1986	3.20	9.57E-36	Upper
258-31	0.941	0.268	0.97	50	1983	1.19	3.25E-37	Lower
258-31	0.946	0.041	0.99	49	1983	0.41	2.78E-46	Middle
258-31	0.907	-0.004	0.99	56	1983	0.51	1.00E-51	Upper
258-32	0.913	0.587	0.99	29	1986	0.27	1.07E-26	Lower
258-32	0.917	0.488	0.99	29	1986	0.23	9.54E-28	Middle
258-32	0.913	0.434	0.98	35	1986	0.38	4.73E-31	Upper
260-06	0.640	1.295	0.89	10	1995	0.30	3.52E-05	Lower
260-06	0.756	1.108	0.94	8	1995	0.20	5.36E-05	Middle
260-06	0.746	1.105	0.87	16	1995	0.79	1.40E-07	Upper
261-03	0.630	0.858	0.99	4	1995	0.01	2.88E-03	Lower
261-03	0.918	0.290	0.99	4	1977	0.05	4.47E-03	Middle
261-03	0.924	0.241	0.81	12	1977	1.90	5.91E-05	Upper
262-02	0.505	1.134	0.79	172	1988	9.05	1.24E-58	Lower
262-02	0.635	0.827	0.71	172	1988	20.77	6.76E-48	Middle
262-02	0.882	0.409	0.69	180	1988	46.22	1.61E-47	Upper
262-07	0.724	1.334	0.92	5	1994	0.12	9.07E-03	Lower
262-07	0.553	1.014	0.92	5	1994	0.10	9.56E-03	Middle
262-07	0.788	0.942	0.77	13	1979	1.55	8.12E-05	Upper
262-31	0.952	0.771	0.81	7	1988	1.08	5.68E-03	Lower
262-31	2.072	-1.088	0.79	11	1988	9.07	2.63E-04	Upper

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
263-03	0.498	1.152	0.76	18	1982	1.30	2.34E-06	Lower
263-03	0.682	0.824	0.74	17	1982	2.46	8.88E-06	Middle
263-03	0.938	0.492	0.79	24	1982	4.87	5.29E-09	Upper
265-01	0.425	1.054	0.77	105	1981	5.37	2.43E-34	Lower
265-01	0.721	0.588	0.78	109	1975	14.77	4.26E-37	Middle
265-01	0.869	0.281	0.69	115	1981	34.63	7.28E-31	Upper
265-02	0.835	0.482	0.93	24	1985	0.86	2.29E-14	Lower
265-02	0.898	0.333	0.97	27	1985	0.57	6.18E-20	Middle
265-02	0.889	0.229	0.97	30	1985	0.55	1.46E-22	Upper
268-01	0.577	1.019	0.75	29	1974	3.16	1.38E-09	Lower
268-01	0.699	0.854	0.79	33	1974	4.02	4.45E-12	Middle
268-01	1.201	0.037	0.62	37	1974	30.58	6.91E-09	Upper
270-01	0.705	0.809	0.92	7	1987	0.38	6.29E-04	Lower
270-01	0.950	0.662	0.89	6	1987	0.75	4.82E-03	Middle
270-01	1.241	0.084	0.82	17	1973	5.54	5.75E-07	Upper
272-02	0.869	0.752	0.96	9	1988	0.24	4.86E-06	Lower
272-02	0.911	0.624	0.97	9	1988	0.16	8.16E-07	Middle
272-02	0.900	0.605	0.98	14	1988	0.16	8.49E-12	Upper
296-03	1.001	0.382	1.00	5	1983	0.00	9.00E-07	Lower
296-03	0.986	0.366	1.00	4	1983	0.00	4.63E-04	Middle
296-03	0.952	0.329	1.00	8	1983	0.00	1.23E-11	Upper
368-03	0.924	1.264	0.98	12	1971	0.16	1.05E-09	Lower
368-03	0.998	1.153	0.99	12	1971	0.09	4.66E-11	Middle
389-03	0.872	0.762	0.98	6	1989	0.07	2.21E-04	Lower
389-03	0.861	0.748	0.97	11	1989	0.15	2.21E-08	Middle
389-03	0.863	0.621	0.98	12	1989	0.14	1.93E-09	Upper
420-01	0.883	1.143	0.97	28	1998	0.40	1.23E-21	Lower
420-01	0.901	1.010	0.97	30	1998	0.46	6.07E-23	Middle
434-03	0.804	0.658	0.91	11	1993	0.61	6.39E-06	Lower
434-03	0.867	0.568	0.93	12	1993	0.52	3.49E-07	Middle
434-03	0.706	0.290	0.61	16	1993	4.02	3.27E-04	Upper
837-04	0.430	1.252	0.74	39	1956	2.85	2.49E-12	Lower
837-04	0.803	0.805	0.66	42	1956	14.67	5.00E-11	Middle
837-04	1.028	0.249	0.66	47	1956	28.49	5.05E-12	Upper
837-17	1.013	0.139	0.99	37	1968	0.24	2.86E-40	Lower
837-17	0.981	0.062	1.00	37	1968	0.08	1.22E-48	Middle

$$RI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
837-17	0.925	0.004	0.99	43	1968	0.29	7.26E-45	Upper
840-43	1.633	-1.236	1.00	7	1951	0.03	3.49E-08	Lower
840-43	1.606	-1.267	1.00	13	1951	0.10	2.91E-15	Upper
848-15	0.755	0.959	0.90	15	1984	0.59	5.66E-08	Lower
848-15	1.036	0.895	0.95	11	1984	0.36	5.28E-07	Middle
852-26	0.592	0.885	0.86	7	1963	0.40	2.53E-03	Lower
852-26	0.856	0.639	0.80	6	1963	1.18	1.69E-02	Middle
852-26	0.949	0.348	0.83	13	1963	2.18	1.36E-05	Upper
853-36	0.927	0.395	0.98	37	1986	0.31	7.20E-33	Lower
853-36	0.908	0.302	0.99	39	1986	0.20	6.01E-38	Middle
853-36	0.885	0.236	0.98	44	1986	0.50	9.70E-36	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
001-01	1.814	-1.424	0.68	8	1996	7.21	1.12E-02	Upper
002-01	0.920	-0.003	0.98	29	1955	0.66	4.65E-24	Lower
002-01	1.302	-0.789	0.90	29	1955	5.91	5.78E-15	Middle
002-01	1.490	-1.391	0.95	35	1955	5.11	9.04E-23	Upper
004-01	1.560	-0.817	0.78	5	1949	3.00	4.85E-02	Lower
004-01	1.634	-1.368	0.90	12	1980	4.09	2.35E-06	Upper
004-05	1.952	-1.336	0.74	8	1962	7.94	5.79E-03	Upper
012-11	1.784	-1.560	0.54	121	1969	167.06	1.16E-21	Middle
012-11	1.710	-1.620	0.53	123	1970	162.67	2.66E-21	Upper
012-12	2.115	-1.259	0.70	59	1966	72.00	1.40E-16	Middle
012-12	1.957	-1.348	0.65	68	1966	85.05	7.16E-17	Upper
013-08	0.865	0.142	0.63	15	1975	8.02	4.08E-04	Lower
013-08	1.641	-1.223	0.86	14	1975	7.31	1.48E-06	Middle
013-08	1.612	-1.500	0.86	23	1975	10.77	1.39E-10	Upper
013-09	0.672	1.108	0.60	14	1975	1.95	1.17E-03	Lower
013-09	1.780	-1.566	0.55	20	1975	27.59	1.95E-04	Upper
017-04	1.433	0.512	0.56	13	1995	11.10	3.24E-03	Lower
017-04	1.285	-1.958	0.59	20	1995	20.43	6.88E-05	Upper
021-02	1.462	-1.643	0.67	13	1964	8.76	6.46E-04	Middle
021-02	1.722	-1.359	0.83	19	1964	11.20	5.54E-08	Upper
024-01	0.776	0.318	0.88	9	1973	0.88	1.61E-04	Lower
024-01	1.241	-0.614	0.79	11	1973	3.80	2.66E-04	Middle
024-01	1.592	-1.236	0.93	15	1973	3.13	7.09E-09	Upper
025-09	1.250	-0.222	0.57	35	1968	42.57	1.42E-07	Lower
025-09	1.710	-1.302	0.80	35	1968	27.75	4.62E-13	Middle
025-09	1.598	-1.478	0.80	43	1968	29.67	9.22E-16	Upper
028-03	0.828	0.673	0.90	16	1964	0.85	1.55E-08	Lower
028-03	1.868	-0.844	0.69	20	1964	24.05	5.26E-06	Middle
028-03	1.771	-1.458	0.78	22	1964	17.32	6.47E-08	Upper
034-30	0.744	0.670	0.88	105	1976	6.99	1.35E-49	Lower
034-30	1.076	0.100	0.74	106	1975	37.61	3.68E-32	Middle
034-30	1.746	-1.027	0.92	114	1990	25.66	9.69E-64	Upper
043-05	0.854	0.698	0.92	6	1993	0.27	2.47E-03	Lower
043-05	1.768	-1.297	0.63	11	1993	13.84	3.55E-03	Upper
044-01	0.945	0.549	0.60	126	1990	46.91	1.19E-26	Lower
044-01	1.873	-0.941	0.75	124	1990	89.06	2.57E-38	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
044-01	1.503	-1.613	0.69	136	1983	97.87	4.35E-36	Upper
050-07	1.987	-1.420	0.60	33	1988	51.00	1.10E-07	Middle
050-07	1.777	-1.587	0.60	37	1988	46.50	1.94E-08	Upper
051-04	1.447	-1.665	0.77	18	1971	5.12	1.55E-06	Upper
052-05	1.634	-1.177	0.63	17	1972	25.97	1.32E-04	Middle
052-05	1.862	-1.330	0.84	20	1972	14.19	1.77E-08	Upper
053-01	1.654	-1.542	0.81	14	1974	8.51	1.01E-05	Upper
053-04	0.789	0.161	0.97	13	1974	0.33	2.21E-09	Lower
053-04	1.635	-1.234	1.00	15	1974	0.05	5.71E-21	Middle
053-04	1.565	-1.274	0.95	20	1974	2.50	2.84E-13	Upper
053-05	0.521	1.069	0.65	101	1994	8.86	4.22E-24	Lower
053-08	2.045	-0.200	0.68	30	1957	28.59	2.40E-08	Lower
053-08	1.970	-0.856	0.97	30	1957	1.84	1.29E-22	Middle
053-08	1.846	-0.992	0.98	40	1957	2.57	1.41E-34	Upper
054-04	1.761	-1.093	0.99	5	1982	0.17	3.22E-04	Middle
054-04	1.667	-1.169	0.94	9	1982	1.91	1.69E-05	Upper
055-04	0.958	0.138	0.96	10	1951	0.59	6.57E-07	Lower
055-04	0.953	0.035	0.94	9	1951	0.64	1.29E-05	Middle
055-04	0.998	-0.418	0.82	14	1951	4.81	9.39E-06	Upper
055-06	1.462	-1.822	0.67	33	1984	34.31	5.88E-09	Lower
055-06	1.457	-1.860	0.70	38	1984	34.75	4.84E-11	Middle
055-06	1.361	-1.888	0.71	42	1984	32.65	2.80E-12	Upper
055-07	1.305	-0.400	0.72	11	1983	9.34	9.43E-04	Lower
055-07	1.639	-1.224	0.98	12	1983	0.93	9.40E-10	Middle
055-07	1.639	-1.202	0.94	19	1983	4.01	7.59E-12	Upper
055-30	1.070	-0.388	0.84	25	1964	9.32	1.54E-10	Lower
055-30	1.566	-1.307	0.99	22	1964	0.88	1.28E-21	Middle
055-30	1.448	-1.425	0.96	34	1967	4.76	9.72E-24	Upper
058-01	1.043	-1.586	0.87	33	198	18.93	4.25E-15	Lower
058-01	0.967	-1.699	0.88	32	198	13.46	1.32E-15	Middle
058-01	0.901	-1.799	0.90	39	198	12.69	3.51E-20	Upper
060-01	1.666	-1.543	0.75	12	1967	10.47	2.83E-04	Middle
060-01	1.606	-1.421	0.78	19	1967	14.54	5.98E-07	Upper
065-04	1.343	-1.893	0.52	50	1996	43.25	4.25E-09	Upper
083-04	0.801	1.099	0.92	8	2002	0.19	1.78E-04	Lower
083-04	1.044	0.657	0.90	5	2002	0.25	1.47E-02	Middle

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
142-04	0.789	0.647	0.90	9	1989	0.64	1.00E-04	Lower
142-04	1.128	-0.173	0.71	8	1989	4.52	8.54E-03	Middle
142-04	1.800	-0.855	0.92	16	1989	4.39	6.88E-09	Upper
177-03	1.842	-1.008	0.98	8	1977	0.57	1.16E-06	Middle
177-03	1.690	-1.169	0.98	10	1977	0.79	3.14E-08	Upper
193-06	1.441	-1.862	0.63	86	1994	72.80	5.20E-20	Middle
193-06	1.403	-1.888	0.64	93	1953	73.70	3.67E-22	Upper
196-04	0.820	1.026	0.97	4	1985	0.06	1.66E-02	Middle
196-04	0.757	0.636	0.80	11	1985	1.12	1.82E-04	Upper
198-03	1.754	-1.108	1.00	4	1965	0.00	8.80E-33	Lower
198-03	1.534	-1.345	1.00	6	1965	0.00	1.29E-09	Middle
198-03	1.462	-1.418	0.99	9	1965	0.44	8.03E-08	Upper
207-03	0.899	-0.014	0.91	5	1956	0.45	1.12E-02	Lower
207-03	0.936	0.017	0.92	7	1956	0.74	5.42E-04	Middle
207-03	0.780	-0.138	0.78	10	1956	2.01	7.04E-04	Upper
208-01	1.174	-0.397	0.89	9	1947	2.80	1.57E-04	Lower
208-01	1.638	-1.232	1.00	4	1947	0.00	6.33E-33	Middle
208-01	1.421	-1.391	0.93	16	1947	3.67	2.42E-09	Upper
221-01	0.637	0.735	0.69	6	1995	0.70	4.13E-02	Lower
221-01	1.760	-1.631	0.59	11	1995	15.27	5.85E-03	Upper
230-06	0.815	0.850	0.94	4	1992	0.12	3.16E-02	Middle
230-06	0.691	0.566	0.69	8	1992	1.18	1.07E-02	Upper
239-02	1.061	-0.331	0.85	134	1954	47.42	1.69E-56	Lower
239-02	1.495	-1.379	0.97	135	1954	14.48	4.58E-107	Middle
239-02	1.375	-1.508	0.96	140	1954	17.55	1.13E-101	Upper
243-02	1.461	-1.412	0.96	7	1970	0.85	1.44E-04	Upper
249-01	1.265	-0.866	0.67	8	1995	7.41	1.32E-02	Lower
249-01	1.689	-1.064	0.86	8	1974	2.97	9.14E-04	Middle
249-01	1.521	-1.402	0.86	17	1974	8.20	6.62E-08	Upper
250-01	1.154	0.197	0.67	7	1988	5.11	2.43E-02	Lower
250-01	2.058	-0.765	0.99	8	1986	0.43	5.35E-07	Middle
250-01	1.869	-0.919	0.94	16	1986	3.37	4.00E-10	Upper
253-02	0.959	1.100	0.89	65	1967	2.96	2.60E-31	Lower
257-04	1.411	-1.344	0.91	18	1961	3.74	6.02E-10	Lower
257-04	1.363	-1.529	1.00	22	1970	0.06	2.00E-31	Middle
257-04	1.376	-1.507	0.97	27	1961	2.40	1.67E-21	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
258-02	1.479	-0.555	0.73	12	1990	10.02	4.15E-04	Lower
258-02	1.777	-1.068	0.99	17	1990	0.71	3.72E-16	Middle
258-02	1.727	-1.096	0.97	27	1990	2.67	8.42E-21	Upper
258-31	0.982	0.759	1.00	16	1983	0.00	1.43E-225	Lower
258-31	0.933	0.712	0.97	18	1983	0.63	2.84E-13	Middle
258-31	0.929	0.436	0.66	21	1983	11.01	6.74E-06	Upper
258-32	1.355	-0.527	0.80	11	1986	6.40	2.20E-04	Lower
258-32	1.634	-1.236	1.00	7	1986	0.00	1.04E-80	Middle
258-32	1.628	-1.213	0.96	16	1986	2.00	1.96E-11	Upper
262-02	1.467	-0.362	0.50	90	1988	145.02	5.00E-15	Lower
262-02	1.815	-1.418	0.74	89	1988	77.69	2.42E-27	Middle
262-02	1.700	-1.493	0.76	98	1988	70.75	1.64E-31	Upper
263-03	1.870	-1.252	0.69	9	1982	9.11	5.85E-03	Middle
263-03	1.732	-1.508	0.72	15	1982	13.45	6.41E-05	Upper
265-01	1.671	-1.455	0.79	41	1981	27.62	1.09E-14	Middle
265-01	1.681	-1.473	0.81	53	1981	37.09	7.24E-20	Upper
265-02	1.758	-1.083	0.98	11	1985	0.81	4.70E-09	Upper
270-01	0.761	0.416	0.87	5	1987	0.44	2.00E-02	Lower
270-01	1.637	-0.942	0.85	14	1973	6.72	2.50E-06	Upper
272-02	0.947	0.571	0.91	4	1988	0.33	4.43E-02	Lower
272-02	0.986	0.221	0.97	6	1988	0.14	2.53E-04	Middle
272-02	1.593	-0.601	0.89	9	1988	2.78	1.51E-04	Upper
296-03	0.956	0.724	0.99	5	1983	0.05	4.18E-04	Lower
296-03	0.958	0.637	1.00	3	1983	0.00	2.37E-02	Middle
296-03	0.957	0.636	1.00	8	1983	0.01	1.81E-09	Upper
368-03	1.614	0.060	0.67	8	1971	7.14	1.35E-02	Lower
368-03	1.345	-1.701	0.52	9	1971	9.49	2.82E-02	Middle
368-03	1.529	-1.633	0.57	12	1971	14.74	4.56E-03	Upper
389-03	0.869	0.931	0.91	4	1989	0.21	4.36E-02	Lower
389-03	0.692	0.520	0.99	4	1989	0.02	3.08E-03	Middle
389-03	1.796	-0.848	0.82	10	1989	5.03	3.38E-04	Upper
420-01	1.004	0.545	0.83	22	1998	2.70	3.20E-09	Lower
837-04	1.538	-1.651	0.76	28	1956	19.32	1.88E-09	Upper
837-17	0.989	-0.213	0.90	26	1968	3.86	2.37E-13	Lower
837-17	1.537	-1.334	0.99	24	1968	0.92	7.90E-23	Middle
837-17	1.419	-1.454	0.97	32	1968	2.34	7.54E-25	Upper

$$TCI = 10^{b} \cdot (SA)^{a}$$

Control	a	b	R2	Observation	Reconstructio	SSE	P-Value	Percentile
852-26	1.119	0.207	1.00	3	1963	0.00	2.05E-17	Lower
852-26	1.671	-1.597	0.66	8	1963	10.14	1.39E-02	Upper
853-36	0.911	0.695	0.95	11	1986	0.56	5.57E-07	Lower
853-36	0.772	0.557	0.83	12	1986	1.55	3.52E-05	Middle
853-36	0.921	0.297	0.59	16	1986	10.12	5.49E-04	Upper