Monte Carlo Simulations for John E. Jackson, "A Seemingly Unrelated Regression Model for Analyzing Multiparty Elections." Political Analysis, 10(1):49-65

Multi-Party SUR Model Simulation - 6 Parties

Coeff	B	b-bar	Sigma-b	St. Dev(b)	s(b)-bar	St. Dev[s(b)]	t(b)	100* (E/D-1)	100* (F/D-1)	1000* (E/F-1)	Chi2(E/D)
SLD											
Constant	6.03360	6.09120	3.60070	3.60877	3.58624	0.42152	-0.96	0.224	-0.401	0.628	0.196
% Unemployment	-0.84800	-0.85832	1.32660	1.32389	1.31958	0.15117	0.47	-0.204	-0.529	0.327	-0.167
SOE employment	0.02270	0.03179	0.55853	0.56337	0.55593	0.06558	-0.97	0.866	-0.466	1.339	0.741
Denovo jobs	-9.01130	-9.05413	3.17632	3.19533	3.16316	0.36853	0.80	0.598	-0.415	1.017	0.513
Home District	0.58330	0.58235	0.21008	0.21617	0.19884	0.02370	0.26	2.901	-5.347	8.714	2.467
Schooling	-0.27340	-0.27377	0.10084	0.10043	0.10048	0.01139	0.22	-0.414	-0.357	-0.057	-0.345
Age/10	-0.11790	-0.12694	0.64841	0.65146	0.64583	0.07598	0.83	0.470	-0.398	0.872	0.405
Church Attend	-2.42390	-2.43640	0.54548	0.54130	0.54309	0.06211	1.39	-0.765	-0.438	-0.329	-0.643
PSL											
Constant	6.12710	6.10487	3.47119	3.51297	3.44738	0.40194	0.38	1.204	-0.686	1.903	1.027
% Village	1.81760	1.80793	0.59121	0.62061	0.55635	0.06889	0.93	4.972	-5.897	11.550	4.225
% Farming	2.98670	2.99920	0.77704	0.81694	0.73119	0.08981	-0.92	5.135	-5.900	11.727	4.363
% Unemployment	-0.42750	-0.40299	1.30121	1.33520	1.28848	0.14528	-1.10	2.613	-0.978	3.626	2.223
SOE employment	0.53690	0.53528	0.53805	0.55799	0.53350	0.06322	0.17	3.706	-0.844	4.589	3.150
Denovo jobs	-8.65420	-8.64176	3.11815	3.16073	3.08786	0.35806	-0.24	1.366	-0.972	2.360	1.165
Home District	0.91770	0.91553	0.21397	0.22557	0.20167	0.02534	0.58	5.421	-5.750	11.852	4.605
Schooling	-0.30040	-0.29875	0.10235	0.10189	0.10117	0.01109	-0.97	-0.446	-1.148	0.710	-0.373
Age/10	-0.57420	-0.57478	0.65574	0.66213	0.64848	0.07347	0.05	0.973	-1.107	2.104	0.832
Church Attend	-1.99560	-1.98418	0.57268	0.56704	0.56415	0.06123	-1.21	-0.985	-1.489	0.512	-0.830
UP											
Constant	4.14040	4.10262	3.14197	3.07483	3.13811	0.40464	0.74	-2.137	-0.123	-2.017	-1.807
% Unemployment	-0.38280	-0.35288	1.18618	1.17113	1.18126	0.14867	-1.53	-1.268	-0.414	-0.857	-1.070
SOE employment	0.86950	0.86947	0.48651	0.49454	0.48520	0.06406	0.00	1.649	-0.270	1.924	1.405
Denovo jobs	-6.25160	-6.25921	2.76666	2.81649	2.76432	0.34992	0.16	1.801	-0.085	1.887	1.534
Home District	0.80270	0.80127	0.24480	0.26017	0.23315	0.03297	0.33	6.277	-4.760	11.588	5.331
Schooling	-0.18530	-0.18483	0.08963	0.08861	0.08965	0.01055	-0.32	-1.134	0.024	-1.158	-0.956
Age/10	-0.29870	-0.29287	0.56534	0.55735	0.56462	0.07294	-0.63	-1.412	-0.127	-1.287	-1.192
Church Attend	-2.02980	-2.02354	0.48358	0.47803	0.48297	0.05879	-0.79	-1.147	-0.126	-1.022	-0.967
Catholic Coalition											
Constant	-5.97040	-5.95166	5.07999	5.08713	5.07352	0.58171	-0.22	0.141	-0.127	0.268	0.125
% Unemployment	0.34240	0.33448	1.85049	1.85005	1.84695	0.20759	0.26	-0.024	-0.191	0.168	-0.014
SOE employment	-0.28160	-0.28359	0.78285	0.77441	0.78160	0.09047	0.15	-1.079	-0.160	-0.921	-0.909
Denovo jobs	-4.47860	-4.53219	4.45244	4.39957	4.44701	0.51051	0.73	-1.187	-0.122	-1.067	-1.001
Schooling	-0.29900	-0.29905	0.14183	0.13864	0.14170	0.01578	0.02	-2.246	-0.091	-2.158	-1.900
Age/10	1.63970	1.64164	0.91413	0.91990	0.91297	0.10495	-0.13	0.631	-0.127	0.759	0.542
Church Attend	2.15200	2.12385	0.75878	0.75013	0.75777	0.08626	2.25	-1.140	-0.132	-1.009	-0.961
Other											
Constant	2.20580	2.21629	3.09611	3.06553	3.08105	0.35084	-0.21	-0.988	-0.486	-0.504	-0.832
% Unemployment	-0.28290	-0.27308	1.14885	1.13536	1.14124	0.12704	-0.52	-1.174	-0.662	-0.515	-0.990
SOE employment	0.50350	0.51641	0.48000	0.47632	0.47727	0.05486	-1.63	-0.766	-0.567	-0.199	-0.644
Denovo jobs	-8.76500	-8.83511	2.70982	2.69152	2.69761	0.30625	1.56	-0.675	-0.450	-0.226	-0.567
Schooling	-0.28650	-0.28410	0.08659	0.08523	0.08625	0.00940	-1.69	-1.571	-0.388	-1.188	-1.327
Age/10	0.51770	0.51197	0.55719	0.55588	0.55450	0.06323	0.62	-0.234	-0.482	0.249	-0.193
Church Attend	-0.05590	-0.06298	0.46637	0.45485	0.46409	0.05180	0.93	-2.472	-0.489	-1.992	-2.091
Suchocka District	-0.59960	-0.60222	0.20639	0.21817	0.19600	0.02635	0.72	5.707	-5.034	11.310	4.848
Mean							0.01	0.566	-1.183	1.841	0.486
Max							2.25	6.277	0.024	11.852	5.331
Min							-1.69	-2.472	-5.900	-2.158	-2.091

Stochastic Terms	Sigma	su-bar	St Dev(s)	t(s)
su11	0.07067	0.07122	0.01788	1.86
su12	0.03645	0.03677	0.01382	1.40
su22	0.06120	0.06157	0.01610	1.37
su13	0.01921	0.01948	0.01202	1.36
su23	0.02216	0.02242	0.01164	1.34
su33	0.04802	0.04909	0.01462	4.36
su14	0.03195	0.03235	0.01855	1.29
su24	0.00213	0.00249	0.01664	1.31
su34	0.01696	0.01732	0.01635	1.30
su44	0.14174	0.14349	0.03511	2.99
su15	0.03051	0.03080	0.01242	1.42
su25	0.01225	0.01254	0.01059	1.68
su35	0.01116	0.01130	0.01007	0.87
su45	0.04679	0.04730	0.01716	1.78
su55	0.05143	0.05173	0.01270	1.40
Mean				1.71
Max				0.87
Min				4.36

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	Multi-Party SUR Model Simulation - 5 Parties						Beck-Katz Asymptotic					
Coeff	b(5)-bar	St. Dev(b)	s(b)-bar	t(5)	100*	100*	b-bar	St. Dev(b)	s(b)-bar	t(b)	100*	100*
SLD					(O/P-1)	(O/E-1)					(V/W-1)	(V/E-1)
Constant	6.09610	3.60943	3.58684	-1.04	0.630	0.018	6.11334	3.62724	3.25879	1.32	11.306	0.512
% Unemployment	-0.86137	1.32348	1.32055	0.61	0.002	-0.031	-0.86643	1.33989	1.20736	-0.83	10.976	1.208
SOE employment	0.03118	0.56284	0.55613	-0.90	0.012	-0.094	0.02893	0.56885	0.50646	0.66	12.318	0.972
Denovo jobs	-9.05325	3.19436	3.16365	0.79	0.010	-0.030	-9.06982	3.22980	2.89375	-1.09	11.613	1.079
Home District	0.58235	0.21388	0.20145	0.27	0.062	-1.057	0.58754	0.29650	0.26844	0.86	10.451	37.158
Schooling	-0.27373	0.10041	0.10049	0.20	-0.001	-0.012	-0.27622	0.10136	0.09193	-1.67	10.254	0.926
Age/10	-0.12792	0.65166	0.64592	0.92	0.009	0.031	-0.12394	0.65488	0.58693	-0.55	11.577	0.525
Church Attend	-2.43694	0.54140	0.54327	1.45	-0.003	0.018	-2.44457	0.54870	0.49752	-2.26	10.287	1.366
PSL												
Constant	6.11157	3.51140	3.45096	0.27	0.018	-0.045	6.13602	3.56750	3.11704	0.15	14.452	1.552
% Village	1.81003	0.62378	0.57221	0.73	0.090	0.511	1.81438	0.75566	0.68060	-0.26	11.028	21.762
% Farming	2.99927	0.82450	0.75205	-0.91	0.096	0.925	3.01888	0.99824	0.89024	1.93	12.131	22.193
% Unemployment	-0.40703	1.33510	1.29175	-0.92	0.034	-0.008	-0.41108	1.36634	1.19127	0.72	14.696	2.332
SOE employment	0.53535	0.55686	0.53433	0.17	0.042	-0.202	0.53844	0.56541	0.48309	0.16	17.038	1.330
Denovo jobs	-8.64045	3.16467	3.09531	-0.26	0.022	0.124	-8.63451	3.23888	2.84764	0.36	13.739	2.472
Home District	0.91568	0.22549	0.20707	0.54	0.089	-0.034	0.91966	0.27960	0.24858	0.42	12.481	23.955
Schooling	-0.29850	0.10197	0.10154	-1.12	0.004	0.084	-0.29995	0.10672	0.09533	0.25	11.943	4.738
Age/10	-0.57663	0.66149	0.65063	0.22	0.017	-0.096	-0.57812	0.68777	0.60464	-0.34	13.748	3.873
Church Attend	-1.98637	0.56598	0.56731	-0.98	-0.002	-0.186	-1.99830	0.60313	0.54622	-0.27	10.419	6.365
UP												
Constant	4.10681	3.07560	3.14074	0.66	-0.021	0.025	4.11833	3.10551	2.89251	-0.43	7.364	0.998
% Unemployment	-0.35553	1.17070	1.18391	-1.40	-0.011	-0.037	-0.36017	1.18764	1.09933	1.14	8.033	1.410
SOE employment	0.86900	0.49297	0.48585	0.06	0.015	-0.317	0.87391	0.49900	0.44888	0.53	11.167	0.904
Denovo jobs	-6.25854	2.81601	2.76588	0.15	0.018	-0.017	-6.25466	2.88522	2.57432	-0.06	12.077	2.440
Home District	0.80146	0.25686	0.23818	0.29	0.078	-1.269	0.80457	0.26535	0.23624	0.42	12.323	1.993
Schooling	-0.18483	0.08855	0.08968	-0.32	-0.013	-0.075	-0.18432	0.08983	0.08360	0.65	7.459	1.380
Age/10	-0.29363	0.55756	0.56508	-0.55	-0.013	0.036	-0.29666	0.56418	0.52118	0.22	8.251	1.225
Church Attend	-2.02406	0.47798	0.48344	-0.72	-0.011	-0.009	-2.03442	0.48820	0.44950	-0.57	8.609	2.128
Catholic Coalition												
Constant							-6.01699	5.11858	4.67593	-0.55	9.467	0.618
% Unemployment							0.33204	1.87008	1.70815	-0.33	9.480	1.083
SOE employment							-0.27932	0.77893	0.72023	0.18	8.150	0.584
Denovo jobs							-4.49616	4.43141	4.10538	-0.24	7.942	0.724
Schooling							-0.30025	0.13979	0.13107	-0.54	6.650	0.826
Age/10							1.65570	0.92564	0.84124	1.04	10.033	0.625
Church Attend							2.14056	0.75737	0.69940	-0.91	8.288	0.965
Other												
Constant	1.30033	3.09179	3.11085		-0.006		2.22500	3.07751	2.84132	0.37	8.313	0.391
% Unemployment	-0.15259	1.14209	1.15236		-0.009		-0.27796	1.14712	1.06003	0.26	8.216	1.035
SOE employment	0.39600	0.47838	0.48209		-0.008		0.51261	0.47996	0.44108	1.14	8.815	0.765
Denovo jobs	-8.13882	2.71994	2.72237		-0.001		-8.85594	2.71379	2.49532	-2.01	8.755	0.827
Schooling	-0.28350	0.08574	0.08698		-0.014		-0.28667	0.08585	0.07992	-0.12	7.423	0.734
Age/10	0.69477	0.56107	0.55986		0.002		0.51786	0.55830	0.51142	0.02	9.165	0.435
Church Attend	0.30697	0.46080	0.46829		-0.016		-0.06675	0.45805	0.42947	-1.42	6.654	0.705
Suchocka District	-0.60468	0.21406	0.19944	1.42	0.073	-1.882	-0.60514	0.22769	0.20032	-1.46	13.665	4.366
Mean				-0.01	0.046	-0.1344				-0.08	10.409	3.938
Max				-1.40	-0.021	-1.8817				1.93	17.038	37.158
Min				1.45	0.630	0.9253				-2.26	6.650	0.391

Stochastic Terms	Sigma	su-bar	t(s)
su11	0.05741	0.01469	-54.16
su12	0.02671	0.01073	-54.44
su22	0.04705	0.01260	-67.40
su13	0.01504	0.00985	-25.38
su23	0.01639	0.00918	-37.71
su33	0.03915	0.01220	-43.64
su14	0.02499	0.01525	-27.36
su24	0.00002	0.01320	-9.61
su34	0.01379	0.01366	-13.90
su44	0.11964	0.02962	-44.77
su15	0.02413	0.01024	-37.34
su25	0.00843	0.00838	-27.35
su35	0.00880	0.00841	-16.81
su45	0.03880	0.01440	-33.32
su55	0.04285	0.01064	-48.40
Mean			-36.11
Max			-67.40
Min			-9.61

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	Beck-Katz Small Sample						SUR Model - Small Sample Correction					
Coeff	b-bar	St. Dev(b)	s(b)-bar	t(b)	100*	100*	b-bar	St. Dev(b)	s(b)-bar	t(b)	100*	100*
SLD					(AC/AD-1)	(AC/E-1)					(AJ/AK-1)	(AJ/E-1)
Constant	6.11334	3.62724	3.58325	1.32	1.228	0.512	6.11047	3.62284	3.65983	1.27	-1.011	0.390
% Unemployment	-0.86643	1.33989	1.32579	-0.83	1.063	1.208	-0.86454	1.33215	1.34015	-0.75	-0.597	0.624
SOE employment	0.02893	0.56885	0.55719	0.66	2.092	0.972	0.02937	0.56676	0.56951	0.71	-0.483	0.601
Denovo jobs	-9.06982	3.22980	3.17645	-1.09	1.679	1.079	-9.07275	3.21177	3.20603	-1.15	0.179	0.515
Home District	0.58754	0.29650	0.29320	0.86	1.124	37.158	0.58610	0.21857	0.19901	0.77	9.831	1.113
Schooling	-0.27622	0.10136	0.10064	-1.67	0.710	0.926	-0.27616	0.10106	0.10041	-1.64	0.653	0.633
Age/10	-0.12394	0.65488	0.64531	-0.55	1.483	0.525	-0.12350	0.65387	0.65891	-0.51	-0.766	0.370
Church Attend	-2.44457	0.54870	0.54566	-2.26	0.557	1.366	-2.44446	0.54379	0.54770	-2.27	-0.715	0.459
PSL												
Constant	6.13602	3.56750	3.50935	0.15	1.657	1.552	6.12671	3.52691	3.49239	-0.01	0.988	0.397
% Village	1.81438	0.75566	0.76366	-0.26	-1.047	21.762	1.80676	0.62375	0.55660	-1.04	12.065	0.507
% Farming	3.01888	0.99824	0.99872	1.93	-0.048	22.193	3.01938	0.82010	0.73017	2.39	12.315	0.387
% Unemployment	-0.41108	1.36634	1.33757	0.72	2.151	2.332	-0.40518	1.34005	1.30203	1.00	2.920	0.363
SOE employment	0.53844	0.56541	0.54557	0.16	3.635	1.330	0.53758	0.56078	0.54692	0.07	2.534	0.501
Denovo jobs	-8.63451	3.23888	3.20857	0.36	0.944	2.472	-8.64212	3.16978	3.13339	0.23	1.161	0.286
Home District	0.91966	0.27960	0.27896	0.42	0.230	23.955	0.91691	0.22731	0.20377	-0.21	11.555	0.773
Schooling	-0.29995	0.10672	0.10689	0.25	-0.160	4.738	-0.30055	0.10250	0.10079	-0.09	1.696	0.597
Age/10	-0.57812	0.68777	0.68048	-0.34	1.072	3.873	-0.57473	0.66419	0.65597	-0.05	1.253	0.311
Church Attend	-1.99830	0.60313	0.61259	-0.27	-1.544	6.365	-1.99353	0.56883	0.56685	0.22	0.350	0.317
UP												
Constant	4.11833	3.10551	3.19588	-0.43	-2.828	0.998	4.11494	3.10832	3.30990	-0.49	-6.090	1.089
% Unemployment	-0.36017	1.18764	1.21052	1.14	-1.890	1.410	-0.35774	1.19248	1.23006	1.26	-3.055	1.823
SOE employment	0.87391	0.49900	0.49659	0.53	0.486	0.904	0.87461	0.49993	0.51676	0.61	-3.257	1.091
Denovo jobs	-6.25466	2.88522	2.83102	-0.06	1.915	2.440	-6.25554	2.88520	2.87234	-0.08	0.448	2.439
Home District	0.80457	0.26535	0.26169	0.42	1.398	1.993	0.80482	0.25972	0.25284	0.49	2.721	-0.174
Schooling	-0.18432	0.08983	0.09139	0.65	-1.701	1.380	-0.18432	0.08984	0.09004	0.65	-0.229	1.382
Age/10	-0.29666	0.56418	0.57564	0.22	-1.991	1.225	-0.29610	0.56444	0.59537	0.28	-5.195	1.272
Church Attend	-2.03442	0.48820	0.49313	-0.57	-0.999	2.128	-2.03386	0.48874	0.49377	-0.50	-1.018	2.242
Catholic Coalition												
Constant	-6.01699	5.11858	5.07336	-0.55	0.891	0.618	-6.01991	5.11497	5.14844	-0.58	-0.650	0.547
% Unemployment	0.33204	1.87008	1.85246	-0.33	0.951	1.083	0.33413	1.86511	1.86868	-0.27	-0.191	0.814
SOE employment	-0.27932	0.77893	0.78239	0.18	-0.443	0.584	-0.27872	0.77849	0.79864	0.22	-2.523	0.527
Denovo jobs	-4.49616	4.43141	4.45095	-0.24	-0.439	0.724	-4.49691	4.43301	4.50224	-0.25	-1.538	0.760
Schooling	-0.30025	0.13979	0.14174	-0.54	-1.375	0.826	-0.30025	0.13979	0.14124	-0.54	-1.027	0.829
Age/10	1.65570	0.92564	0.91288	1.04	1.398	0.625	1.65618	0.92478	0.92734	1.07	-0.275	0.531
Church Attend	2.14056	0.75737	0.75836	-0.91	-0.131	0.965	2.14104	0.75701	0.76661	-0.87	-1.252	0.918
Other												
Constant	2.22500	3.07751	3.08718	0.37	-0.313	0.391	2.22208	3.07781	3.15515	0.32	-2.451	0.401
% Unemployment	-0.27796	1.14712	1.15098	0.26	-0.336	1.035	-0.27587	1.14326	1.16189	0.37	-1.604	0.695
SOE employment	0.51261	0.47996	0.47966	1.14	0.063	0.765	0.51321	0.47839	0.49136	1.22	-2.639	0.435
Denovo jobs	-8.85594	2.71379	2.70641	-2.01	0.273	0.827	-8.85669	2.71587	2.74633	-2.03	-1.109	0.905
Schooling	-0.28667	0.08585	0.08641	-0.12	-0.643	0.734	-0.28667	0.08586	0.08612	-0.12	-0.296	0.743
Age/10	0.51786	0.55830	0.55563	0.02	0.481	0.435	0.51834	0.55794	0.56784	0.07	-1.744	0.370
Church Attend	-0.06675	0.45805	0.46571	-1.42	-1.644	0.705	-0.06627	0.45791	0.47034	-1.36	-2.643	0.673
Suchocka District	-0.60514	0.22769	0.22147	-1.46	2.812	4.366	-0.60361	0.21754	0.21034	-1.11	3.425	-0.288
Mean				-0.08	0.311	3.938				-0.07	0.530	0.711
Max				1.93	3.635	37.158				2.39	12.315	2.439
Min				-2.26	-2.828	0.391				-2.27	-6.090	-0.288

Stochastic Terms	Sigma	su-bar	t(s)	Sigma	su-bar	t(s)
su11	0.07054	0.01765	-0.45	0.07943	0.01792	29.33
su12	0.03411	0.01322	-10.60	0.04227	0.01384	25.26
su22	0.06154	0.01592	1.28	0.06985	0.01613	32.16
su13	0.01914	0.01183	-0.36	0.02504	0.01205	29.02
su23	0.02141	0.01130	-3.98	0.02796	0.01166	29.88
su33	0.04996	0.01467	7.90	0.06428	0.01469	66.41
su14	0.03064	0.01810	-4.32	0.03792	0.01859	19.27
su24	0.00117	0.01605	-3.60	0.00799	0.01666	21.11
su34	0.01736	0.01621	1.47	0.02284	0.01634	21.60
su44	0.14269	0.03474	1.65	0.15808	0.03521	27.83
su15	0.02962	0.01216	-4.36	0.03634	0.01245	28.10
su25	0.01139	0.01019	-5.02	0.01805	0.01061	32.82
su35	0.01143	0.00998	1.65	0.01687	0.01009	33.98
su45	0.04640	0.01688	-1.41	0.05287	0.01717	21.22
su55	0.05139	0.01248	-0.18	0.05873	0.01272	34.44
Mean			-1.36			30.16
Max			-10.60			19.27
Min			7.90			66.41

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	True Multiparty Sur (Omega)							SUR - (T-K) Correction					
Coeff	b-bar	St. Dev(b)	s(b)-bar	t(b)	100*	100*	Chi-Sq	b-bar	St. Dev(b)	s(b)-bar	t(b)	100*	100*
SLD					(AQ/AR-1)	(AQ/E-1)						(AY/AZ-1)	(AY/E-1)
Constant	6.09116	3.60706	3.60070	0.96	0.177	-0.047	0.156	6.11047	3.62296	3.67183	1.27	-1.331	0.393
% Unemployment	-0.85683	1.32028	1.32660	-0.40	-0.476	-0.272	-0.398	-0.86454	1.33241	1.34436	-0.74	-0.888	0.644
SOE employment	0.03223	0.56256	0.55853	1.02	0.721	-0.144	0.617	0.02937	0.56680	0.57134	0.71	-0.795	0.609
Denovo jobs	-9.05365	3.19289	3.17632	-0.80	0.522	-0.076	0.448	-9.07272	3.21204	3.21639	-1.15	-0.135	0.523
Home District	0.58136	0.20414	0.21008	-0.57	-2.827	-5.567	-2.393	0.58612	0.21917	0.19754	0.77	10.951	1.388
Schooling	-0.27365	0.10037	0.10084	-0.15	-0.468	-0.054	-0.391	-0.27616	0.10107	0.10073	-1.64	0.331	0.638
Age/10	-0.12736	0.65137	0.64841	-0.87	0.457	-0.013	0.394	-0.12350	0.65388	0.66108	-0.51	-1.088	0.372
Church Attend	-2.43596	0.54115	0.54548	-1.34	-0.793	-0.028	-0.667	-2.44445	0.54377	0.54944	-2.27	-1.032	0.456
PSL													
Constant	6.10249	3.50028	3.47119	-0.42	0.838	-0.361	0.717	6.12683	3.52789	3.54106	0.00	-0.372	0.425
% Village	1.81373	0.58758	0.59121	-0.40	-0.614	-5.322	-0.515	1.80618	0.62792	0.55423	-1.09	13.295	1.179
% Farming	2.99230	0.77808	0.77704	0.43	0.134	-4.757	0.120	3.01987	0.82487	0.72725	2.41	13.423	0.971
% Unemployment	-0.40548	1.32122	1.30121	1.00	1.538	-1.047	1.311	-0.40484	1.34121	1.31871	1.01	1.706	0.450
SOE employment	0.53545	0.55477	0.53805	-0.16	3.109	-0.576	2.643	0.53756	0.56107	0.55433	0.07	1.217	0.554
Denovo jobs	-8.64492	3.14528	3.11815	0.18	0.870	-0.489	0.744	-8.64184	3.17195	3.17453	0.23	-0.081	0.355
Home District	0.91775	0.21317	0.21397	0.01	-0.375	-5.498	-0.313	0.91680	0.22885	0.20292	-0.24	12.775	1.453
Schooling	-0.29861	0.10102	0.10235	1.06	-1.295	-0.852	-1.092	-0.30057	0.10257	0.10203	-0.10	0.523	0.665
Age/10	-0.57454	0.65719	0.65574	-0.03	0.220	-0.746	0.192	-0.57472	0.66468	0.66423	-0.05	0.067	0.385
Church Attend	-1.98474	0.55781	0.57268	1.17	-2.596	-1.627	-2.196	-1.99334	0.56958	0.57321	0.24	-0.633	0.448
UP													
Constant	4.10184	3.06691	3.14197	-0.75	-2.389	-0.258	-2.021	4.11494	3.10865	3.32212	-0.49	-6.426	1.100
% Unemployment	-0.35391	1.16186	1.18618	1.49	-2.050	-0.792	-1.734	-0.35773	1.19286	1.23427	1.26	-3.355	1.855
SOE employment	0.86848	0.49251	0.48651	-0.12	1.233	-0.410	1.052	0.87461	0.50001	0.51863	0.61	-3.590	1.107
Denovo jobs	-6.25898	2.81264	2.76666	-0.16	1.662	-0.137	1.416	-6.25554	2.88520	2.88319	-0.08	0.070	2.440
Home District	0.79971	0.24690	0.24480	-0.73	0.856	-5.101	0.732	0.80482	0.26037	0.25200	0.49	3.321	0.078
Schooling	-0.18491	0.08835	0.08963	0.27	-1.430	-0.299	-1.207	-0.18432	0.08984	0.09038	0.65	-0.606	1.382
Age/10	-0.29245	0.55595	0.56534	0.67	-1.660	-0.251	-1.402	-0.29610	0.56448	0.59758	0.28	-5.538	1.280
Church Attend	-2.02321	0.47619	0.48358	0.83	-1.526	-0.383	-1.289	-2.03386	0.48880	0.49558	-0.50	-1.368	2.253
Catholic Coalition													
Constant	-5.94869	5.08470	5.07999	0.26	0.093	-0.048	0.085	-6.01991	5.11500	5.14551	-0.58	-0.593	0.548
% Unemployment	0.33603	1.84807	1.85049	-0.21	-0.131	-0.107	-0.105	0.33412	1.86537	1.86761	-0.27	-0.120	0.828
SOE employment	-0.28320	0.77374	0.78285	-0.12	-1.164	-0.086	-0.982	-0.27872	0.77856	0.79818	0.22	-2.458	0.537
Denovo jobs	-4.53360	4.39472	4.45244	-0.75	-1.296	-0.110	-1.094	-4.49691	4.43302	4.49968	-0.25	-1.481	0.760
Schooling	-0.29901	0.13854	0.14183	-0.01	-2.320	-0.075	-1.962	-0.30025	0.13979	0.14116	-0.54	-0.970	0.829
Age/10	1.64089	0.91948	0.91413	0.08	0.586	-0.045	0.503	1.65618	0.92478	0.92681	1.07	-0.219	0.531
Church Attend	2.12354	0.75004	0.75878	-2.28	-1.151	-0.011	-0.971	2.14104	0.75703	0.76617	-0.87	-1.192	0.921
Other													
Constant	2.21553	3.05924	3.09611	0.19	-1.191	-0.205	-1.004	2.22208	3.07805	3.13827	0.32	-1.919	0.409
% Unemployment	-0.27109	1.12949	1.14885	0.63	-1.685	-0.517	-1.424	-0.27587	1.14353	1.15592	0.37	-1.071	0.719
SOE employment	0.51700	0.47552	0.48000	1.70	-0.933	-0.169	-0.786	0.51321	0.47846	0.48876	1.22	-2.108	0.449
Denovo jobs	-8.83247	2.68935	2.70982	-1.51	-0.755	-0.081	-0.635	-8.85669	2.71593	2.73145	-2.03	-0.568	0.907
Schooling	-0.28401	0.08516	0.08659	1.75	-1.655	-0.085	-1.398	-0.28667	0.08586	0.08565	-0.12	0.248	0.743
Age/10	0.51168	0.55509	0.55719	-0.65	-0.377	-0.143	-0.314	0.51834	0.55797	0.56479	0.07	-1.207	0.376
Church Attend	-0.06224	0.45401	0.46637	-0.84	-2.651	-0.183	-2.243	-0.06627	0.45792	0.46783	-1.36	-2.119	0.675
Suchocka District	-0.60191	0.20770	0.20639	-0.67	0.636	-4.798	0.545	-0.60361	0.21818	0.21013	-1.10	3.832	0.007
Mean	3.60070	0.00420		-0.01	-0.492	-1.019	-0.411				-0.07	0.451	0.796
Max				1.75	3.109	-0.011	2.643				2.41	13.423	2.440
Min				-2.28	-2.827	-5.567	-2.393				-2.27	-6.426	0.007

Stochastic Terms	Sigma	su-bar	t(s)	Sigma	su-bar	t(s)
su11	0.07110	0.01477	1.76	0.07998	0.01826	30.60
su12	0.03671	0.01108	1.44	0.04378	0.01452	30.33
su22	0.06148	0.01267	1.32	0.07197	0.01705	37.89
su13	0.01943	0.00996	1.32	0.02526	0.01227	29.60
su23	0.02240	0.00939	1.52	0.02908	0.01220	34.07
su33	0.04892	0.01228	4.36	0.06477	0.01482	67.82
su14	0.03228	0.01543	1.29	0.03767	0.01881	18.24
su24	0.00244	0.01342	1.39	0.00737	0.01733	18.15
su34	0.01726	0.01368	1.30	0.02273	0.01651	20.97
su44	0.14324	0.02979	3.02	0.15791	0.03533	27.46
su15	0.03075	0.01033	1.40	0.03606	0.01253	26.59
su25	0.01249	0.00856	1.70	0.01790	0.01093	31.06
su35	0.01128	0.00844	0.91	0.01665	0.01009	32.68
su45	0.04722	0.01442	1.77	0.05220	0.01715	18.93
su55	0.05168	0.01066	1.39	0.05810	0.01264	31.66
Mean			1.73			30.40
Max			0.91			18.15
Min			4.36			67.82

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SUR - Asymptotic

Coeff	b-bar	St. Dev(b)	s(b)-bar	t(b)	100* (BF/BG-1)	100* (BF/E-1)
SLD						
Constant	6.11042	3.62304	3.35096	1.27	8.119	0.395
% Unemployment	-0.86450	1.33206	1.22668	-0.74	8.591	0.617
SOE employment	0.02939	0.56663	0.52139	0.71	8.676	0.578
Denovo jobs	-9.07261	3.21188	2.93548	-1.15	9.416	0.518
Home District	0.58620	0.21923	0.18032	0.79	21.579	1.417
Schooling	-0.27616	0.10107	0.09194	-1.64	9.931	0.638
Age/10	-0.12349	0.65390	0.60331	-0.51	8.385	0.375
Church Attend	-2.44443	0.54372	0.50142	-2.26	8.434	0.446
PSL						
Constant	6.12694	3.52720	3.14655	0.00	12.097	0.405
% Village	1.80656	0.62467	0.49271	-1.06	26.782	0.655
% Farming	3.01972	0.82117	0.64653	2.41	27.013	0.518
% Unemployment	-0.40502	1.34011	1.17280	1.01	14.267	0.368
SOE employment	0.53762	0.56075	0.49273	0.08	13.804	0.495
Denovo jobs	-8.64173	3.17017	2.82028	0.24	12.406	0.299
Home District	0.91691	0.22764	0.18040	-0.21	26.187	0.918
Schooling	-0.30055	0.10251	0.09065	-0.09	13.088	0.613
Age/10	-0.57480	0.66434	0.59021	-0.05	12.561	0.335
Church Attend	-1.99351	0.56900	0.50938	0.22	11.705	0.346
UP						
Constant	4.11501	3.10859	3.03144	-0.49	2.545	1.098
% Unemployment	-0.35778	1.19281	1.12639	1.26	5.897	1.851
SOE employment	0.87459	0.49999	0.47327	0.61	5.647	1.104
Denovo jobs	-6.25552	2.88518	2.63083	-0.08	9.668	2.439
Home District	0.80476	0.26024	0.22934	0.47	13.473	0.027
Schooling	-0.18432	0.08984	0.08247	0.65	8.929	1.382
Age/10	-0.29611	0.56449	0.54529	0.28	3.521	1.280
Church Attend	-2.03387	0.48878	0.45222	-0.50	8.085	2.250
Catholic Coalition						
Constant	-6.01995	5.11498	4.75290	-0.58	7.618	0.547
% Unemployment	0.33416	1.86502	1.72460	-0.27	8.143	0.809
SOE employment	-0.27871	0.77848	0.73722	0.22	5.596	0.526
Denovo jobs	-4.49693	4.43313	4.15674	-0.25	6.649	0.763
Schooling	-0.30025	0.13979	0.13040	-0.54	7.199	0.829
Age/10	1.65619	0.92478	0.85610	1.07	8.021	0.530
Church Attend	2.14105	0.75701	0.70769	-0.87	6.968	0.917
Other						
Constant	2.22204	3.07808	2.89906	0.32	6.175	0.409
% Unemployment	-0.27584	1.14319	1.06699	0.37	7.142	0.689
SOE employment	0.51322	0.47828	0.45141	1.22	5.951	0.411
Denovo jobs	-8.85670	2.71596	2.52388	-2.03	7.611	0.908
Schooling	-0.28667	0.08586	0.07914	-0.12	8.490	0.744
Age/10	0.51834	0.55796	0.52176	0.07	6.938	0.375
Church Attend	-0.06626	0.45793	0.43214	-1.36	5.968	0.679
Suchocka District	-0.60358	0.21791	0.19084	-1.10	14.187	-0.117
Mean				-0.06	10.328	0.741
Max				2.41	27.013	2.439
Min				-2.26	2.545	-0.117

Stochastic Terms	Sigma	su-bar	t(s)
su11	0.06662	0.01521	-15.96
su12	0.03548	0.01176	-4.93
su22	0.05679	0.01343	-19.70
su13	0.02104	0.01022	10.75
su23	0.02356	0.00988	8.49
su33	0.05393	0.01234	28.72
su14	0.03177	0.01586	-0.67
su24	0.00606	0.01420	16.62
su34	0.01916	0.01392	9.47
su44	0.13476	0.03015	-13.89
su15	0.03042	0.01057	-0.51
su25	0.01468	0.00895	16.35
su35	0.01403	0.00851	20.30
su45	0.04458	0.01464	-9.07
su55	0.04961	0.01080	-10.13
Mean			2.39
Max			-19.70
Min			28.72