Appendix Table 1: Results for all focus variables, sorted by concept and p non-normal, Sambanis Civil War variable with ongoing years of conflict coded as missing. {Updated cols estimations, mean obs, p normal, p non-normal}

Variable	Label	Concept	Estimations (sample)	Mean no. of obs.	Weighted mean betahat	Weighted mean sd(betahat)	Min (betahat)	Max (betahat)	P normal (one-sided)	P non-normal (one-sided)
ager	Age in years of the current regime as classified by REG; ACLP	5	48577	3445	–.008	.179	–.340	.520	.483	.348
agexp	Agricultural raw materials exports as percentage of merchandise exports; WDI	14	53638	2650	.161	.124	–.091	.337	.098	.119
anoc	Dummy: Anocracy=1	4	56746	3478	.305	.121	–.326	.531	.006	.041
army85	Size of government army in 1985	16	64067	3379	-.202	.163	–1.349	.052	.108	.121
autch98	Autocracy annual change; Polity 98	5	48577	3221	-.023	.165	–.219	.087	.445	.432
auto4	Autocracy index from Polity IV	3	39840	3370	-.163	.177	–.883	.441	.178	.195
autonomy	Country has de facto autonomous regions	17	46800	3611	.023	.061	–.097	.204	.352	.302
avgnabo	Average SIP score of neighbors	8	58944	3419	.016	.144	–.349	.647	.455	.320
centpol3	Centralized state? (Polity III data plus updates for post-1994)	7	59151	3139	.045	.146	–.226	.564	.379	.314
coldwar	Code 1 for Cold War year - before 1990	17	54062	3508	-.136	.156	–.543	.261	.191	.208
decade1	Dummy : 1960s	17	54224	3464	-.297	.156	–.586	.020	.029	.041
decade2	Dummy : 1970s	17	56545	3408	.160	.120	–.034	.451	.091	.106
decade3	Dummy : 1980s	17	56556	3409	–.110	.140	–.451	.126	.207	.223
decade4	Dummy : 1990s	17	54062	3452	.182	.151	–.328	.534	.120	.141
dem	Dummy: 1 for democracies and 0 for autocracies	3	39854	3407	–.038	.178	–.569	.553	.406	.301
dem4	Democracy index from Polity IV	3	39851	3370	.100	.197	–.569	1.045	.308	.280
demch98	Democracy annual change; Polity 98	5	48588	3468	–.049	.139	–.175	.215	.357	.326
dlang	Linguistic component of Ehet	1	52445	3468	.100	.148	–.220	.440	.249	.248
drace	Racial component of Ehet	1	53795	3454	.016	.179	–.493	.399	.457	.335
drel	Religious component of Ehet	1	53801	3453	.118	.160	–.300	.613	.231	.231
durable	Years since last regime transition/ since 1949; Polity IV	5	48588	3445	.024	.242	–.682	.693	.474	.306
ef	Ethnic fractionalization index	1	53805	3432	.047	.166	–.396	.425	.386	.343
ef2	Ef squared	1	53803	3432	–.028	.173	–.544	.331	.432	.366
ehet	Ethnic heterogeneity index	1	53795	3454	.127	.162	–.206	.584	.220	.223
elfo	Ethnolinguistic diversity	1	51803	3344	.128	.173	–.145	.603	.221	.243
elfo2	Ethnolinguistic diversity, squared	1	51803	3344	.085	.165	–.223	.460	.299	.298
etdo4590	Ethnic dominance measure	2	63289	3373	.235	.142	–.078	.691	.038	.065
expgdp	Exports of goods & services as % GDP; WDI data	12	63668	2986	–.288	.261	–.936	.490	.129	.162
exrec	Executive recruitment concept variable; Polity IV	3	39848	3370	.174	.183	–.550	.958	.164	.178
fedpol3	Federal state? (Polity III data plus updates for post-1994)	7	59151	3138	–.064	.177	–.763	.313	.334	.310
fuelexp	Fuel and oil products exports as percentage of merchandise exports; WDI	14	53917	2469	.145	.151	–.324	.457	.155	.166
gdpgrowth	Annual change in GDP, %	11	66705	3339	–.548	.223	–.972	.032	.0055	.024
geo1	Region: Western Europe and the US	9	49891	3493	–.587	.351	–.839	.403	.047	.052
geo2	Region: Eastern Europe and Central	9	46131	3636	.140	.252	–.807	.703	.294	.260

	Asia									
geo34	Region: Middle East and North Africa	9	54640	3438	.289	.113	–.132	.604	.0039	.012
geo57	Region: South and East Asia and Oceania	9	54645	3438	–.008	.135	–.285	.356	.499	.338
geo69	Region: Latin America	9	54645	3438	–.082	.165	–.489	.371	.312	.258
geo8	Region: Sub-Saharan Africa	9	54643	3438	–.129	.172	–.961	.376	.191	.236
illiteracy	% adult population illiterate; WDI	13	51407	2047	.198	.239	–.335	.670	.189	.203
incumb	Consolidation of incumbent advantage(Przeworski et al., 2000)	6	59884	3497	.021	.109	–.082	.166	.411	.392
infant	Infant mortality; WDI	13	56471	3058	.106	.234	–.464	.645	.317	.289
inst	0-dict; 1-parliam; 2-mixed dem; 3-pres dem (Przeworski et al., 2000)	6	59894	3512	.127	.189	–.277	.746	.253	.247
inst3	Political instability; Whether Polity coded a change or 77 or 88 in previous three years	5	48582	3443	.448	.098	.189	.743	.00002	.00029
life	Life Expectancy at birth; WDI	13	56493	3439	–.243	.293	–.829	.446	.190	.205
lmtnest	Rough terrain	15	61642	3489	.294	.136	.050	.746	.0135	.0193
major	Majoritarian system	6	57226	3028	–.012	.154	–.426	.337	.479	.356
manuexp	Manufactures exports as percentage of merchandise exports; WDI	14	53917	2653	–.240	.255	–.982	.107	.177	.201
milper	Military manpower in thousands	16	55162	2336	–.541	.330	–3.008	–.124	.044	.015
mirps0	Inconsistent polity (semi-democracy)	4	56763	3406	.059	.130	–.216	.486	.321	.305
mirps1	Caesaristic polity	4	56749	3406	.086	.139	–.652	.411	.267	.142
mirps2	Consistent autocracy	3	39848	3329	–.123	.152	–.622	.330	.197	.184
mirps3	Consistent democracy	3	39852	3329	.018	.204	–.414	.678	.464	.350
nat_war	Whether a neighbor is at war in a given year.	10	64264	3480	.318	.141	–.110	.618	.010	.025
ncontig	Noncontiguous state	15	61651	3495	–.050	.154	–.515	.441	.392	.310
nmdgdp	Neighbors' average ln(GDP per capita)	8	58958	3465	.024	.242	–.758	.685	.455	.309
nmdp4_alt	Neighbors' median polity (both land and water contiguity; using polity2)	8	58962	3465	–.153	.204	–.709	.314	.211	.224
numlang	Number of languages in Ethnologue	1	53806	3455	–.114	.152	–.444	.183	.222	.232
nwstate	New state	5	43664	3588	.236	.134	–.063	1.015	**.035**	.065
oil	Oil exports/GDP	14	54345	3724	.172	.126	–.224	.368	.075	.091
p4mchg	Annual change in modified polity; Polity IV	5	48588	3412	.087	.132	–.039	.281	.247	.255
parcomp	Competitiveness of participation; non-elites; Polity IV	3	39845	3370	–.029	.189	–.593	.685	.435	.300
parreg	Regulation of participation; Polity IV	3	39840	3370	–.406	.140	–.761	–.128	.0018	.0064
part	ln(share of population voting x opposition's share of votes cast)	3	39853	3366	.121	.169	–.316	.873	.235	.246
partfree	Partially free polity	4	54231	3027	.325	.131	–.027	.547	.0062	.021
plural	Share of largest ethnic group	1	53807	3455	–.045	.171	–.412	.518	.397	.342
plurrel	Size of largest confession	1	53795	3455	–.048	.134	–.317	.408	.377	.281
pol4	Polity index; Polity IV	3	39848	3370	.134	.187	–.581	1.018	.232	.232
pol4m	Polity Index; Polity IV; 77 & 88 coded=0	3	39850	3408	.145	.175	–.496	.970	.198	.211
pol4sq	Pol4 squared	4	56750	3451	–.287	.158	–.673	.187	.031	.072
polch98	Polity annual change; Polity98	5	48588	3221	–.016	.160	–.114	.219	.456	.420
polcomp	Political competition: concept variable; Polity IV	3	39848	3370	.109	.185	–.531	.739	.272	.254
popdense	Population density: people per square km; WDI	15	61300	3086	–.024	.160	–.898	.448	.441	.366
presi	Presidential system	6	57228	3028	–.373	.228	–.700	.087	.050	.063
pri	School enrollment, primary, %	13	56492	3258	–.215	.166	–.550	.204	.088	.106

	gross; WDI									
proxregc	2^(-durable/.5)	5	48587	3445	.287	.115	.028	.613	.0049	.019
reg	Dummy: 1 for dictatorships and 0 for democracies; ACLP	3	39848	3409	–.037	.184	–.578	.655	.419	.337
regd4_alt	Median Regional polity (using polity2)	8	58953	3465	–.416	.240	–1.421	.320	.035	.061
relfrac	Religious fractionalization	1	53810	3455	.092	.130	–.300	.385	.250	.219
seceduc	School enrollment, secondary, % gross; WDI	13	56218	3171	–.199	.344	–.981	.318	.254	.249
second	Percent population in second largest group	2	64748	3494	.138	.161	–.140	.650	.190	.216
semipol3	Semi-federal state? (Polity III data plus updates for post-1994)	7	59151	3138	.009	.104	.357	.272	.465	.321
sip2	Continuous measure of democracy	3	39851	3329	.065	.196	–.450	.890	.365	.327
sxpnew	Primary commodity exports/GDP	14	50213	2129	–.026	.242	–.402	.574	.453	.355
sxpsq	Primary commodity exports/GDP, squared	14	50213	2129	–.270	.401	–1.212	.306	.255	.264
tnatwar	Total number of neighbors at war in a given year.	10	64268	3480	.172	.107	–.276	.463	.049	.074
trade	Trade as percept of GDP; in 1995 constant dollars	12	63662	3008	.059	.148	–1.086	.336	.280	.241
warhist	War in the country since 1945?	18	64766	3269	.027	.136	–.256	.324	.405	.344
xconst	Executive constraints - operational independence of CE; Polity IV	3	39846	3370	–.006	.193	–.473	.744	.491	.343

Appendix Table 2: Results for all focus variables, sorted by concept and p non-normal PRIO-Uppsala conflict version

Variable	Label	Concept	Estimations (sample)	Mean no. of obs.	Weighted mean betahat	Weighted mean sd(betahat)	Min (betahat)	Max (betahat)	P normal (one-sided)	P non-normal (one-sided)
ehet	Ethnic heterogeneity index	1	65351	3975	.388	.108	.164	.787	.000	.001
dlang	Linguistic component of Ehet	1	116539	4007	.382	.121	.195	.700	.001	.002
ef	Ethnic fractionalization index	1	65351	3949	.364	.142	.027	.755	.005	.009
elfo	Ethnolinguistic diversity	1	63088	3860	.348	.149	.104	.689	.010	.017
ef2	Ef squared	1	65351	3949	.264	.129	–.054	.636	.019	.028
plural	Share of largest ethnic group	1	65351	3978	–.264	.131	–.628	.078	.021	.031
elfo2	Ethnolinguistic diversity, squared	1	63088	3860	.268	.141	.026	.626	.029	.040
drel	Religious component of Ehet	1	65351	3975	.232	.114	–.061	.506	.023	.048
numlang	Number of languages in Ethnologue	1	65351	3978	.148	.090	–.049	.364	.046	.069
plurrel	Size of largest confession	1	65351	3978	.124	.113	–.287	.326	.124	.144
relfrac	Religious fractionalization	1	65351	3978	–.096	.112	–.312	.329	.183	.192
drace	Racial component of Ehet	1	65351	3975	–.032	.099	–.513	.234	.385	.298
second	Percent population in second largest group	2	78290	4023	.077	.112	–.430	.346	.253	.230
etdo4590	Ethnic dominance measure	2	75644	3896	.072	.111	–.157	.460	.254	.258
parreg	Regulation of participation; Polity IV	3	49420	3852	–.261	.108	–.657	.081	.007	.020
part	ln(share of population voting x opposition's share of votes cast)	3	49420	3896	.112	.139	–.114	.572	.192	.226
sip2	Continuous measure of democracy	3	49420	3817	.065	.161	–.226	.830	.316	.230
dem	Dummy: 1 for democracies and 0 for autocracies	3	49458	3928	–.033	.146	–.299	.516	.439	.280
auto4	Autocracy index from Polity IV	3	49420	3852	–.076	.152	–.564	.210	.285	.282
xconst	Executive constraints - operational independence of CE; Polity IV	3	49419	3852	.033	.147	–.255	.602	.374	.286
pol4m	Polity Index; Polity IV; 77 & 88 coded=0	3	49420	3938	.053	.155	–.249	.644	.342	.302
reg	Dummy: 1 for dictatorships and 0 for democracies; ACLP	3	49420	3931	.064	.159	–.460	.338	.362	.303
dem4	Democracy index from Polity IV	3	49420	3852	.023	.164	–.293	.657	.414	.304
pol4	Polity index; Polity IV	3	49420	3852	.052	.160	–.263	.650	.345	.304
mirps3	Consistent democracy	3	49420	3817	.007	.156	–.254	.554	.451	.311
polcomp	Political competition: concept variable; Polity IV	3	49420	3852	.032	.156	–.345	.583	.394	.318
parcomp	Competitiveness of participation; non-elites; Polity IV	3	49420	3852	–.004	.160	–.374	.541	.492	.324
exrec	Executive recruitment concept variable; Polity IV	3	49420	3852	.045	.158	–.203	.451	.370	.331
mirps2	Consistent autocracy	3	49420	3817	.015	.131	–.320	.285	.455	.349
anocracy		4	66457	4005	.143	.081	–.129	.293	.043	.076
pol4sq	Pol4 squared	4	66420	3930	–.187	.111	–.366	.150	.052	.091
anoc	Dummy: Anocracy=1	4	66457	3987	.142	.088	–.163	.296	.060	.096
partfree	Partially free polity	4	63725	3500	.093	.096	–.134	.281	.158	.171
mirps0	Inconsistent polity (semi-democracy)	4	66420	3891	.086	.100	–.145	.266	.209	.206
mirps1	Caesaristic polity	4	66420	3891	–.089	.111	–.449	.066	.198	.215
inst3	Political instability; Whether Polity coded a change or 77 or 88 in previous three years	5	55594	3943	.344	.080	.217	.499	.000	.000
inst2		5	55594	3943	.317	.075	.149	.459	.000	.000

proxregc	2^(-durable/.5)	5	55594	3950	.198	.086	–.003	.374	.011	.024
instab		5	55594	3956	.115	.078	–.025	.358	.072	.093
nwstate	New state	5	49029	4128	.163	.135	–.159	.831	.102	.119
demch98	Democracy annual change; Polity 98	5	55594	3671	–.074	.079	–.184	.170	.171	.175
polch98	Polity annual change; Polity98	5	55594	3671	–.062	.083	–.160	.165	.223	.218
ager	Age in years of the current regime as classified by REG; ACLP	5	55594	3942	.085	.127	−.122	.375	.252	.255
p4mchg	Annual change in modified polity; Polity IV	5	55594	3914	–.058	.095	–.193	.142	.268	.267
autch98	Autocracy annual change; Polity 98	5	55594	3671	.045	.089	–.154	.139	.301	.293
durable	Years since last regime transition/ since 1949; Polity IV	5	55594	3950	–.022	.177	–.521	.427	.462	.326
presi	Presidential system	6	69784	3508	–.140	.125	–.461	.275	.126	.127
incumb	Consolidation of incumbent advantage(Przeworski et al., 2000)	6	72713	4016	.064	.058	–.037	.166	.135	.149
major	Majoritarian system	6	69784	3508	.100	.103	–.135	.319	.154	.174
inst	0-dict; 1-parliam; 2-mixed dem; 3-pres dem (Przeworski et al., 2000)	6	72751	4030	–.124	.141	–.558	.220	.182	.197
autonomy	Country has de facto autonomous regions	7	55065	4211	.076	.039	.004	.231	.021	.063
centpol3	Centralized state? (Polity III data plus updates for post-1994)	7	72048	3592	–.134	.108	–.450	.243	.092	.117
semipol3	Semi-federal state? (Polity III data plus updates for post-1994)	7	72048	3591	.093	.090	–.189	.264	.143	.146
fedpol3	Federal state? (Polity III data plus updates for post-1994)	7	72048	3591	.075	.115	–.403	.422	.235	.210
nmdgdp	Neighbors' average ln(GDP per capita)	8	71723	3991	.242	.163	–.321	.640	.064	.090
nmdp4_alt	Neighbors' median polity (both land and water contiguity; using polity2)	8	71723	3991	.073	.139	–.488	.371	.286	.233
avgnabo	Average SIP score of neighbors	8	71687	3944	.058	.119	–.606	.340	.289	.268
regd4_alt	Median Regional polity (using polity2)	8	71723	3991	.003	.189	–.706	.478	.477	.322
geo34	Region: Middle East and North Africa	9	66634	3960	.215	.114	–.134	.567	.033	.066
geo1	Region: Western Europe and the US	9	66634	3960	–.349	.225	–.752	.224	.065	.080
geo8	Region: Sub-Saharan Africa	9	66634	3960	–.133	.117	–.586	.208	.111	.155
geo2	Region: Eastern Europe and Central Asia	9	54726	4229	.075	.209	–.370	.601	.369	.266
geo69	Region: Latin America	9	66634	3960	.003	.098	–.280	.410	.460	.280
geo57	Region: South and East Asia and Oceania	9	66634	3960	.014	.104	–.199	.359	.418	.331
nat_war	Whether a neighbor is at war in a given year.	10	77767	4008	.207	.101	–.045	.385	.023	.047
tnatwar	Total number of neighbors at war in a given year.	10	77767	4008	.137	.091	–.135	.286	.072	.107
gdpgrowth	Annual change in GDP, %	11	80552	3828	–.436	.093	–.650	–.108	.000	.001
trade	Trade as percept of GDP; in 1995 constant dollars	12	77240	3444	.104	.069	–.161	.417	.060	.082
expgdp	Exports of goods & services as % GDP; WDI data	12	77240	3447	.077	.171	–.491	.559	.325	.292
illiteracy	% adult population illiterate; WDI	13	65493	2465	.165	.208	–.222	.662	.217	.234
infant	Infant mortality; WDI	13	68756	3556	.155	.190	–.324	.685	.215	.235
seceduc	School enrollment, secondary, % gross; WDI	13	68371	3633	.018	.209	–.906	.489	.466	.261
life	Life Expectancy at birth; WDI	13	68756	3968	–.141	.243	–.949	.602	.298	.280
pri	School enrollment, primary, % gross; WDI	13	68756	3748	–.004	.128	–.324	.223	.488	.360

oil	Oil exports/GDP	14	66423	4266	.309	.114	.011	.427	.003	.007
sxpsq	Primary commodity exports/GDP, squared	14	61719	2429	.299	.175	–.379	.520	.040	.063
fuelexp	Fuel and oil products exports as percentage of merchandise exports; WDI	14	65921	2841	.167	.117	–.130	.315	.075	.090
manuexp	Manufactures exports as percentage of merchandise exports; WDI	14	65921	3047	–.237	.181	–.844	.120	.098	.131
agexp	Agricultural raw materials exports as percentage of merchandise exports; WDI	14	64297	3040	.107	.091	–.126	.329	.123	.145
sxpnew	Primary commodity exports/GDP	14	61719	2429	.187	.185	–.188	.394	.153	.163
lmtnest	Rough terrain	15	74789	4013	.162	.096	–.067	.348	.046	.067
ncontig	Noncontiguous state	15	74788	4024	.160	.112	–.128	.445	.069	.089
popdense	Population density: people per square km; WDI	15	74408	3559	–.238	.263	–1.455	.045	.193	.202
milgnp92		16	71685	3669	.204	.093	.014	.450	.014	.023
milper	Share of population in military forces	16	61623	2638	–.451	.220	–1.117	.010	.021	.036
army85	Size of government army in 1985	16	71720	3932	–.157	.137	–.360	.069	.125	.137
milex		16	61623	2615	–.688	.669	–1.483	.315	.155	.150
decade4	Dummy : 1990s	17	63683	4028	.292	.106	.068	.494	.003	.014
coldwar	Code 1 for Cold War year - before 1990	17	63683	4085	–.215	.100	–.414	.061	.019	.056
decade3	Dummy : 1980s	17	69069	3930	–.140	.100	–.271	–.006	.081	.095
decade1	Dummy : 1960s	17	66322	3987	–.146	.109	–.298	.135	.098	.129
decade2	Dummy : 1970s	17	69069	3930	–.029	.098	–.166	.242	.370	.319
warhist	War in the country since 1945?	18	81073	3795	.086	.097	–.143	.304	.184	.198

Appendix Table 3: Results for all focus variables, sorted by concept and p non-normal, Sambanis Civil War variable with ongoing years of conflict coded as 0.

Variable	Label	Concept	Estimations (sample)	Mean no. of obs.	Weighted mean betahat	Weighted mean sd(betahat)	Min (betahat)	Max (betahat)	P normal (one-sided)	P non-normal (one-sided)
relfrac	Religious fractionalization	1	65176	3979	.178	.131	–.205	.484	.099	.118
plurrel	Size of largest confession	1	65176	3979	–.127	.134	–.412	.307	.193	.175
drel	Religious component of Ehet	1	65176	3976	.084	.176	–.402	.722	.320	.262
numlang	Number of languages in Ethnologue	1	65176	3979	–.079	.143	–.386	.217	.290	.280
elfo	Ethnolinguistic diversity	1	63003	3861	.099	.174	–.165	.596	.256	.282
dlang	Linguistic component of Ehet	1	116300	4007	.073	.138	–.190	.411	.295	.293
drace	Racial component of Ehet	1	65176	3976	–.058	.159	–.523	.302	.373	.305
elfo2	Ethnolinguistic diversity, squared	1	63003	3861	.080	.171	–.179	.490	.299	.306
ehet	Ethnic heterogeneity index	1	65176	3976	.055	.149	–.238	.480	.359	.325
plural	Share of largest ethnic group	1	65176	3979	–.062	.173	–.386	.334	.357	.338
ef	Ethnic fractionalization index	1	65176	3949	.052	.163	–.243	.422	.371	.344
ef2	Ef squared	1	65176	3949	–.006	.175	–.386	.313	.481	.389
etdo4590	Ethnic dominance measure	2	75549	3896	.142	.142	–.125	.636	.125	.182
second	Percent population in second largest group	2	78099	4023	.076	.149	–.188	.543	.287	.293
parreg	Regulation of participation; Polity IV	3	49290	3852	–.397	.139	–.808	–.098	.002	.011
exrec	Executive recruitment concept variable; Polity IV	3	49290	3852	.129	.184	–.522	.789	.251	.234
auto4	Autocracy index from Polity IV	3	49290	3852	–.117	.182	–.783	.569	.266	.243
mirps2	Consistent autocracy	3	49290	3817	–.073	.155	–.488	.382	.344	.249
pol4m	Polity Index; Polity IV; 77 & 88 coded=0	3	49290	3938	.106	.176	–.517	.781	.274	.253
polcomp	Political competition: concept variable; Polity IV	3	49290	3852	.091	.186	–.544	.752	.318	.266
pol4	Polity index; Polity IV	3	49290	3852	.095	.192	–.597	.865	.311	.271
part	ln(share of population voting x opposition's share of votes cast)	3	49290	3896	.093	.165	–.280	.767	.290	.276
parcomp	Competitiveness of participation; non-elites; Polity IV	3	49290	3852	–.060	.193	–.633	.698	.356	.280
dem4	Democracy index from Polity IV	3	49290	3852	.065	.200	–.564	.862	.369	.304
dem	Dummy: 1 for democracies and 0 for autocracies	3	49293	3928	–.054	.182	–.559	.544	.405	.305
xconst	Executive constraints - operational independence of CE; Polity IV	3	49290	3852	–.042	.193	–.497	.727	.429	.329
sip2	Continuous measure of democracy	3	49290	3817	.023	.203	–.446	.871	.442	.342
reg	Dummy: 1 for dictatorships and 0 for democracies; ACLP	3	49290	3931	.000	.174	–.572	.624	.488	.346
mirps3	Consistent democracy	3	49290	3817	–.012	.206	–.452	.602	.498	.348
anocracy		4	66274	4005	.270	.107	–.196	.493	.006	.030
partfree	Partially free polity	4	63606	3501	.278	.126	–.103	.482	.015	.040
anoc	Dummy: Anocracy=1	4	66274	3987	.253	.123	–.361	.464	.022	.060
pol4sq	Pol4 squared	4	66271	3930	–.253	.159	–.578	.265	.066	.106
mirps1	Caesaristic polity	4	66271	3891	.053	.137	–.575	.309	.402	.192
mirps0	Inconsistent polity (semi-democracy)	4	66271	3891	.056	.125	–.219	.329	.326	.306
inst3	Political instability; Whether Polity coded a change or 77 or 88 in previous three years	5	55401	3944	.396	.098	.178	.670	.000	.000
inst2		5	55401	3944	.346	.096	.158	.591	.000	.001

nwstate	New state	5	49995	4108	.337	.134	.018	1.005	.005	.018
proxregc	2^(-durable/.5)	5	55401	3950	.263	.117	.032	.543	.009	.023
instab		5	55401	3956	.162	.116	–.101	.481	.061	.104
p4mchg	Annual change in modified polity; Polity IV	5	55401	3915	.096	.129	–.045	.290	.230	.231
durable	Years since last regime transition/ since 1949; Polity IV	5	55401	3950	–.071	.217	–.698	.547	.338	.279
ager	Age in years of the current regime as classified by REG; ACLP	5	55401	3943	–.076	.160	–.402	.210	.313	.305
demch98	Democracy annual change; Polity 98	5	55401	3672	–.054	.161	–.217	.238	.362	.329
polch98	Polity annual change; Polity98	5	55401	3672	–.020	.178	–.132	.242	.451	.414
autch98	Autocracy annual change; Polity 98	5	55401	3672	–.019	.177	–.238	.097	.462	.438
presi	Presidential system	6	69663	3509	–.377	.216	–.700	.086	.041	.057
inst	0-dict; 1-parliam; 2-mixed dem; 3-pres dem (Przeworski et al., 2000)	6	72562	4031	.097	.183	–.335	.717	.287	.270
major	Majoritarian system	6	69663	3509	.022	.151	–.305	.363	.426	.350
incumb	Consolidation of incumbent advantage(Przeworski et al., 2000)	6	72559	4016	.019	.096	–.082	.172	.410	.381
autonomy	Country has de facto autonomous regions	7	52825	4215	.055	.060	–.053	.245	.155	.198
semipol3	Semi-federal state? (Polity III data plus updates for post-1994)	7	71859	3593	.048	.103	–.314	.331	.303	.282
centpol3	Centralized state? (Polity III data plus updates for post-1994)	7	71859	3593	–.029	.148	–.311	.383	.450	.291
fedpol3	Federal state? (Polity III data plus updates for post-1994)	7	71859	3593	–.016	.174	–.670	.307	.415	.298
regd4_alt	Median Regional polity (using polity2)	8	71538	3991	–.459	.231	–1.431	.248	.020	.044
nmdp4_alt	Neighbors' median polity (both land and water contiguity; using polity2)	8	71538	3991	–.228	.205	–.799	.189	.129	.146
nmdgdp	Neighbors' average ln(GDP per capita)	8	71538	3991	–.142	.229	–.865	.442	.266	.237
avgnabo	Average SIP score of neighbors	8	71535	3944	–.024	.144	–.418	.510	.411	.291
geo34	Region: Middle East and North Africa	9	66600	3960	.290	.112	–.147	.604	.004	.021
geo1	Region: Western Europe and the US	9	61147	4013	–.580	.338	–.851	.443	.046	.052
geo2	Region: Eastern Europe and Central Asia	9	54686	4229	.185	.258	–.761	.813	.236	.219
geo57	Region: South and East Asia and Oceania	9	66600	3960	–.071	.135	–.294	.305	.340	.239
geo69	Region: Latin America	9	66600	3960	–.104	.158	–.514	.353	.273	.241
geo8	Region: Sub-Saharan Africa	9	66600	3960	–.047	.176	–.771	.406	.339	.291
nat_war	Whether a neighbor is at war in a given year.	10	77586	4008	.266	.141	–.092	.574	.025	.040
tnatwar	Total number of neighbors at war in a given year.	10	77586	4008	.162	.103	–.232	.471	.047	.074
gdpgrowth	Annual change in GDP, %	11	80368	3828	–.495	.213	–.898	.139	.009	.029
expgdp	Exports of goods & services as % GDP; WDI data	12	76925	3448	–.278	.257	–.862	.357	.142	.170
trade	Trade as percept of GDP; in 1995 constant dollars	12	76925	3445	.091	.152	–1.183	.397	.264	.181
pri	School enrollment, primary, % gross; WDI	13	68643	3747	–.256	.167	–.631	.065	.062	.083
life	Life Expectancy at birth; WDI	13	68643	3967	–.325	.301	–1.001	.244	.129	.152
illiteracy	% adult population illiterate; WDI	13	62854	2460	.225	.241	–.290	.730	.162	.180
seceduc	School enrollment, secondary, % gross; WDI	13	68370	3632	–.324	.347	–1.191	.240	.146	.187
infant	Infant mortality; WDI	13	68633	3556	.096	.234	–.409	.606	.333	.303

oil	Oil exports/GDP	14	66196	4268	.178	.117	–.185	.390	.065	.083
fuelexp	Fuel and oil products exports as percentage of merchandise exports; WDI	14	65745	2842	.161	.151	–.245	.521	.143	.165
manuexp	Manufactures exports as percentage of merchandise exports; WDI	14	65745	3048	–.259	.260	–1.011	.050	.154	.185
agexp	Agricultural raw materials exports as percentage of merchandise exports; WDI	14	65451	3043	.104	.117	–.156	.324	.185	.195
sxpsq	Primary commodity exports/GDP, squared	14	61577	2429	–.137	.354	–.859	.397	.351	.339
sxpnew	Primary commodity exports/GDP	14	61577	2429	.056	.240	–.317	.740	.403	.347
lmtnest	Rough terrain	15	74602	4013	.258	.132	.046	.645	.025	.037
ncontig	Noncontiguous state	15	74602	4024	–.097	.139	–.442	.329	.243	.248
popdense	Population density: people per square km; WDI	15	74221	3560	–.086	.243	–1.284	.289	.333	.327
milgnp92		16	69454	3655	.331	.147	.043	.532	.012	.019
milper	Share of population in military forces	16	61553	2639	–.386	.342	–2.771	.014	.100	.056
milex		16	61553	2616	–.746	.799	–5.059	–.006	.166	.097
army85	Size of government army in 1985	16	71597	3933	–.073	.149	–.892	.148	.261	.253
decade2	Dummy : 1970s	17	68887	3930	.207	.117	.059	.538	.034	.043
decade3	Dummy : 1980s	17	68887	3930	–.198	.137	–.558	.037	.070	.077
decade1	Dummy : 1960s	17	66213	3986	–.192	.150	–.497	.133	.108	.113
decade4	Dummy : 1990s	17	63501	4029	.110	.147	–.390	.443	.247	.231
coldwar	Code 1 for Cold War year - before 1990	17	63501	4086	–.087	.147	–.457	.307	.292	.272
warhist	War in the country since 1945?	18	78108	3786	.022	.136	–.260	.310	.428	.350

Stata do-files

Two stata do-files implement the robustness analysis. The first estimates logistic regression models for all the valid combinations of variables. The second summarizes the results.

Estimation part

```
capture log close
clear all
set mem 300m
set matsize 800

set more off

clear
log using " Sensitivity\Mar2006SensEst_orig.log", replace
use " Sensitivity\SensitiveDataFinalUpp.dta"

/* Generating proximity of peace variables */
gen pt8 = 2^(-tip/8)
gen pt8_alt = 2^(-tip_alt/8)
gen ptu8 = 2^(-tipupp/8)

/* Settings */

/* Selecting dependent variable */
local cwvar = "warstns"

/* Loop analyzing all combinations of control variables */
local fixedgrp = "ln_popns pt8 ln_gdpen"

local sfreq = 1 /* The share of estimations that is stored in the results datafile */


/* ********** */
/* Original setting
local cwvar = "warstns"

local fixedgrp = "ln_popns pt8 ln_gdpen"
*/
/* ********** */


drop if year < 1960
```

```
/*
describe */
summarize



/* INPUT PARAMETERS */
/* all rotating variables */

capture drop var*

ren dlang var1
ren drace var2
ren drel var3
ren ehet var4
ren elfo var5
ren elfo2 var6
ren ef var7
ren ef2 var8
ren numlang var9
ren plural var10
ren plurrel var11
ren relfrac var12
ren etdo4590 var13
ren second var14
ren incumb var15
ren inst var16
ren major var17
ren presi var18
ren anoc var19
ren auto4 var20
ren dem var21
ren dem4 var22
ren exrec var23
ren mirps2 var24
ren parcomp var25
ren parreg var26
ren part var27
ren partfree var28
ren pol4 var29
ren pol4m var30
ren polcomp var31
ren reg var32
ren sip2 var33
ren xconst var34
ren ager var35
ren autch98 var36
ren demch98 var37
ren durable var38
ren nwstate var39
ren p4mchg var40
ren polch98 var41
ren proxregc var42
ren lmtnest var43
```

```
ren ncontig var44
ren popdense var45
ren warhist var46
ren geo1 var47
ren nat_war var48
ren geo8 var49
ren tnatwar var50
ren avgnabo var51
ren nmdgdp var52
ren geo69 var53
ren nmdp4_alt var54
ren geo57 var55
ren regd4_alt var56
ren geo34 var57
ren geo2 var58
ren agexp var59
ren fuelexp var60
ren manuexp var61
ren oil var62
ren sxpnew var63
ren coldwar var64
ren decade1 var65
ren autonomy var66
ren centpol3 var67
ren fedpol3 var68
ren semipol3 var69
ren expgdp var70
ren trade var71
ren army85 var72
ren milper var73
ren gdpgrowth var74
ren illiteracy var75
ren infant var76
ren life var77
ren pri var78
ren seceduc var79
ren pol4sq var80
ren mirps3 var81
ren inst3 var82
ren sxpsq var83
ren decade2 var84
ren decade3 var85
ren decade4 var86
ren mirps0 var87
ren mirps1 var88


matrix varconc =
[1\1\1\1\1\1\1\1\1\1\1\2\2\6\6\6\6\4\3\3\3\3\3\3\3\4\3\3\3\3\3\3\5\5\5\5\5\5\5\5\15\15\15\18\9\10\9\10\8\8\9\8\9\8\9\9\14\14\14\14\14\17\17\7\7\7
\7\12\12\16\16\11\13\13\13\13\13\4\3\5\14\17\17\17\4\4]

matrix list varconc
local varno = 88  /* number of rotating variables */

/* Standardizing all variables */
```

```
forvalues v=1(1)`varno'{ /*`varno' { */
        local stdvar = "var" + string(`v')
        capture drop m_v
        capture drop sd_v
        egen m_v = mean(`stdvar')
        egen sd_v = sd(`stdvar')
        replace `stdvar' = (`stdvar' - m_v) / sd_v
} /* forvalues v=1(1)`varno' */

/* Declaring variables to hold summary statistics */

local M = 0           /* Holds count of estimations */
local Rsum = 0 /* Holds sum of R-squares of estimations to calculate weights */
/* Fixed core variables */
forvalues v=1(1)3 {
        local betasumc`v' = 0  /* Holds non-weighted sum of beta for core variable v */
        local betawsumc`v' = 0 /* Holds weighted sum of beta for core variable v */
        local sdsumc`v' = 0    /* Holds non-weighted sum of s.d. for core variable v */
        local sdwsumc`v' = 0   /* Holds weighted sum of s.d. for core variable v */
        local cdf0isumc`v' = 0 /* Holds non-weighted sum of CDF(0) for core variable v */
        local cdf0iwsumc`v' = 0       /* Holds weighted sum of CDF(0) for core variable v */
} /* forvalues v=1(1)3 */

/* Rotating variables */
matrix sum = J(`varno',7,0)
/*
This matrix contains the sum of the estimates needed to produce the summary statistics.
        The line number represents the variables number

column 1: Holds non-weighted sum of beta for rotating variable v
column 2: Holds weighted sum of beta for rotating variable v
column 3: Holds non-weighted sum of s.d. for rotating variable v
column 4: Holds weighted sum of s.d. for rotating variable v
column 5: Holds non-weighted beta/s.d. for rotating variable v
column 6: Holds weighted beta/s.d. for rotating variable v
column 7: Holds count of estimations for rotating variable v
*/



 /* Calculate number of combinations of control variables - varno over 4 (Does not produce the right figure for some reason */
local combinations = `varno' * round(exp(lnfact(`varno'-1)),1)/(round(exp(lnfact(4)),1)* (round(exp(lnfact(`varno'-1-4)),1)))
display "Estimated number of combinations: " `combinations'

/* Defining matrices to hold results */
forvalues mm=1(1)150 {
        matrix res`mm' = J(800,780,0)
} /* forvalues mm=1(1)150 */

/* The following section goes through the variables in the liset `allvars'. The outer */
/* forvalues statement sets each of these as focus variables. The next three foreach statements */
/* creates all three-variable combinations of the remaining variables in the `allvars' list (excluding */
/* the focus variable) */

/*local f = 1*/ /* Counter keeping track of numerical id for focus variable */
```

```
local nostat = 12 /* Number of 'statistics' to save for each estimation */
local colset = 65 /* Number of column sets per matrix, a function of nostat */
local est = 1 /* Counter keeping track of estimation number */
local m = int((`est'-1) / (800*`colset')) + 1
local c = (int(mod((`est'-1),(800*`colset'))/800)*`nostat') + 1
local r  = mod((`est'-1), 800)+1

/* With 12 estimates to record from each estimation, there is room for 65 column sets in each 800x800 matrix */

/* Calculating where 1st column of results are to be placed: matrix (m), column (c), row (r) */

 /* All variables in the list of variables appear as focus variable  */
forvalues fv = 1(1)`varno' { /* `varno' { */
       local focusvar = "var" + string(`fv')
       display "matrix " `m' ", column " `c' ", row " `r'
       display "*************  Focus variable is variable " `fv' "; " "`focusvar'" " *************"
       forvalues cv1 = 1(1)`varno' {
              local ctrlvar1 = "var" + string(`cv1')
/*            display "Candidate cv 1: " `"`ctrlvar1'"' */
              if `"`ctrlvar1'"' ~= `"`focusvar'"' & varconc[`fv',1] ~= varconc[`cv1',1] {
              /* Focus variables cannot be control variables, and should not cover the same concept */
              forvalues cv2 = `cv1'(1)`varno' {
                     local ctrlvar2 = "var" + string(`cv2')
                     /* Selects control variable 2 from the remaining variables */
/*                   display "Candidate cv 2 is now " "`ctrlvar2'" */

                           if `"`ctrlvar2'"' ~= `"`focusvar'"' & `"`ctrlvar2'"' > `"`ctrlvar1'"' & varconc[`fv',1] ~= varconc[`cv2',1] &
varconc[`cv1',1] ~= varconc[`cv2',1] {
                                  /* Focus variable cannot be control variables, and ctrlvar2 must cover a different concept than ctrlvar1 */
                                  forvalues cv3 = `cv2+1'(1)`varno' { /* Selects control variable 3 from the remaining variables */
                                         local ctrlvar3 = "var" + string(`cv3')
/*                                       display "Candidate cv 3 is now " "`ctrlvar3'" */
                                         if `"`ctrlvar3'"' ~= `"`focusvar'"' & `"`ctrlvar3'"' ~= `"`ctrlvar1'"'& `"`ctrlvar3'"' ~= `"`ctrlvar2'"'
& varconc[`fv',1] ~= varconc[`cv3',1] & varconc[`cv1',1] ~= varconc[`cv3',1] & varconc[`cv2',1] ~= varconc[`cv3',1]  {

                                                /* Section of code that is executed for all combinations of variabels*/
                                                display `est' ", m=" `m' ", c=" `c' ", r=" `r' ": logit `cwvar' `fixedgrp' `focusvar' `ctrlvar1'
`ctrlvar2' `ctrlvar3'"
                                                quietly logit `cwvar' `fixedgrp' `focusvar' `ctrlvar1' `ctrlvar2' `ctrlvar3', nolog cluster(cid)


                                                if `e(df_m)' == 7 { /* Tests whether any of the variables were dropped during estimation */
                                                       /* Updates count of estimations: */
                                                       local M = `M' + 1
                                                       local Rsum = `Rsum' + `e(r2_p)'
                                                       matrix sum[`fv', 7] = sum[`fv', 7] + 1
                                                       matrix sum[`fv', 1] = sum[`fv', 1] + _b[`focusvar']
                                                       matrix sum[`fv', 2] = sum[`fv', 2] + _b[`focusvar'] * `e(r2_p)'
                                                       matrix sum[`fv', 3] = sum[`fv', 3] + _se[`focusvar']
                                                       matrix sum[`fv', 4] = sum[`fv', 4] + _se[`focusvar'] * `e(r2_p)'
                                                } /* if `e(df_m)' == 7 */

                                                local smp = uniform()
                                                /* Section of code that is executed only for a random sample */
```

```
                                                        if `smp' < `sfreq' { /* Only the results from a share of the observations are saved to matrices
*/
                                                                if `e(df_m)' == 7 { /* Tests whether any of the variables were dropped during estimation
*/
                                                                        matrix res`m'[`r',`c'] = `est'
                                                                        matrix res`m'[`r',`c'+1] = `fv'
                                                                        matrix res`m'[`r',`c'+2] = _b[`focusvar']
                                                                        matrix res`m'[`r',`c'+3] = _se[`focusvar']
                                                                        local i = 4 /* Matrix column indicator */
                                                                                foreach fixvar of local fixedgrp {
                                                                                        matrix res`m'[`r',`c'+`i'] = _b[`fixvar']
                                                                                        matrix res`m'[`r',`c'+`i'+1] = _se[`fixvar']
                                                                                local i = `i' + 2
                                                                        } /* foreach fixvar of local fixedgrp */
                                                                        matrix res`m'[`r',`c'+10] = `e(N)'
                                                                        matrix res`m'[`r',`c'+11] = `e(r2_p)'

                                                                } /* if `e(df_m)' = 7 */

                                                                if `e(df_m)' < 7 { /* If any were dropped, the matrix is filled with zeros */
                                                                        matrix res`m'[`r',`c'] = `est'
                                                                        matrix res`m'[`r',`c'+1] = 0
                                                                        matrix res`m'[`r',`c'+2] = 0
                                                                        matrix res`m'[`r',`c'+3] = 0
                                                                        local i = 4 /* Matrix column indicator */
                                                                                foreach fixvar of local fixedgrp {
                                                                                matrix res`m'[`r',`c'+`i'] = 0
                                                                                matrix res`m'[`r',`c'+`i'+1] = 0
                                                                                local i = `i' + 2
                                                                        } /* foreach fixvar of local fixedgrp */
                                                                        matrix res`m'[`r',`c'+10] = 0
                                                                        matrix res`m'[`r',`c'+11] = 0
                                                                } /* if `e(df_m)' < 7 */

                                                                local est = `est' + 1
                                                                local m = int((`est'-1) / (800*`colset')) + 1
                                                                local c = (int(mod((`est'-1),(800*`colset'))/800)*`nostat') + 1
                                                                local r  = mod((`est'-1), 800)+1
                                                        } /* if `smp' < `sfreq'  */

                                                } /* if `"`ctrlvar3'"' ~= `"`focusvar'"' & `"`ctrlvar3'"' ~= `"`ctrlvar1'"' & `"`ctrlvar3'"' ~=
`"`ctrlvar2'"' */
                                        } /* forvalues `cv3' */
                                } /* if `"`ctrlvar2'"' ~= `"`focusvar'"' & `"`ctrlvar2'"' ~= `"`ctrlvar1'"' */
                        } /* forvalues cv2*/
                        } /* if `ctrlvar1' ~= `focusvar' */
                } /* forvalues cv1 */
        } /* forvalues fv */

        /*matrix list res1*/

        display `M'
        display `Rsum'
        display `est'
        /*
```

```
local varno = 82
*/

forvalues i = 1(1)`varno' {
	if sum[`i',7] ~= 0 {
		matrix sum[`i',5] = 1 - norm(max((sum[`i',1] / sum[`i',3]), -(sum[`i',1] / sum[`i',3])))
		matrix sum[`i',6] = 1 - norm(max((sum[`i',2] / sum[`i',4]), -(sum[`i',2] / sum[`i',4])))
	}
	display `i'
} /* forvalues i = 1(1)`varno' */

matrix list sum



/* Moving from large matrices into a ten-column matrix, 800 estimations at the time, svmatting */

forvalues k = 1(1)150 {
	use "Sensitivity\results.dta", clear
	drop if _n>=1
	save "Sensitivity\orig\results`k'.dta", replace
	drop _all
}


/*
local est = 999
local colset = 65
local nostat=12
*/

forvalues i = 1(800)`est' {
	local m = int((`i'-1) / (800*`colset')) + 1
	local c = (int(mod((`i'-1),(800*`colset'))/800)*`nostat') + 1
	display "i: " `i' "; matrix " `m' ", column " `c'
		forvalues k = 1(1)`nostat' {
			matrix results = res`m'[1..800,`c'..`c'+`nostat'-1]
		}
	svmat float results
	append using  Sensitivity\orig\results`m'.dta
	save Sensitivity\orig\results`m'.dta, replace
	drop _all
} /* forvalues */
```

Summarizing part

```
capture log close
clear all
set mem 920m
set matsize 200
```

```
version 7

clear
log using "Sensitivity\orig\ResultsMar2006.log", replace
/* This do-file is stored as Sensitivity\orig\ResultsMar2006.do" */
/* It is presently set to run with results data at the CSCW server */

use "Sensitivity\orig\results1.dta"
save "Sensitivity\orig\resultsmrg.dta", replace
forvalues k = 1(1)119 {
       append using "Sensitivity\orig\results`k'.dta"
       display `k'
       save "Sensitivity\orig\resultsmrg.dta", replace
}
*/

use "Sensitivity\orig\resultsmrg.dta"


/* Renaming variables */
ren results1 Est
ren results2 Focusvar
ren results3 fv_b
ren results4 fv_se
ren results5 lnpop_b
ren results6 lnpop_se
ren results7 pt8_b
ren results8 pt8_se
ren results9 lngdp_b
ren results10 lngdp_se
ren results11 obsno
ren results12 LL

/* Adding variable names */
capture drop VarName
gen str8 VarName = ""
replace VarName = "dlang" if Focusvar== 1
replace VarName = "drace" if Focusvar== 2
replace VarName = "drel" if Focusvar== 3
replace VarName = "ehet" if Focusvar== 4
replace VarName = "elfo" if Focusvar== 5
replace VarName = "elfo2" if Focusvar== 6
replace VarName = "ef" if Focusvar== 7
replace VarName = "ef2" if Focusvar== 8
replace VarName = "numlang" if Focusvar== 9
replace VarName = "plural" if Focusvar== 10
replace VarName = "plurrel" if Focusvar== 11
replace VarName = "relfrac" if Focusvar== 12
replace VarName = "etdo4590" if Focusvar== 13
replace VarName = "second" if Focusvar== 14
replace VarName = "incumb" if Focusvar== 15
replace VarName = "inst" if Focusvar== 16
replace VarName = "major" if Focusvar== 17
replace VarName = "presi" if Focusvar== 18
replace VarName = "anoc" if Focusvar== 19
```

```
replace VarName = "auto4" if Focusvar== 20
replace VarName = "dem" if Focusvar== 21
replace VarName = "dem4" if Focusvar== 22
replace VarName = "exrec" if Focusvar== 23
replace VarName = "mirps2" if Focusvar== 24
replace VarName = "parcomp" if Focusvar== 25
replace VarName = "parreg" if Focusvar== 26
replace VarName = "part" if Focusvar== 27
replace VarName = "partfree" if Focusvar== 28
replace VarName = "pol4" if Focusvar== 29
replace VarName = "pol4m" if Focusvar== 30
replace VarName = "polcomp" if Focusvar== 31
replace VarName = "reg" if Focusvar== 32
replace VarName = "sip2" if Focusvar== 33
replace VarName = "xconst" if Focusvar== 34
replace VarName = "ager" if Focusvar== 35
replace VarName = "autch98" if Focusvar== 36
replace VarName = "demch98" if Focusvar== 37
replace VarName = "durable" if Focusvar== 38
replace VarName = "nwstate" if Focusvar== 39
replace VarName = "p4mchg" if Focusvar== 40
replace VarName = "polch98" if Focusvar== 41
replace VarName = "proxregc" if Focusvar== 42
replace VarName = "lmtnest" if Focusvar== 43
replace VarName = "ncontig" if Focusvar== 44
replace VarName = "popdense" if Focusvar== 45
replace VarName = "warhist" if Focusvar== 46
replace VarName = "geo1" if Focusvar== 47
replace VarName = "nat_war" if Focusvar== 48
replace VarName = "geo8" if Focusvar== 49
replace VarName = "tnatwar" if Focusvar== 50
replace VarName = "avgnabo" if Focusvar== 51
replace VarName = "nmdgdp" if Focusvar== 52
replace VarName = "geo69" if Focusvar== 53
replace VarName = "nmdp4_alt" if Focusvar== 54
replace VarName = "geo57" if Focusvar== 55
replace VarName = "regd4_alt" if Focusvar== 56
replace VarName = "geo34" if Focusvar== 57
replace VarName = "geo2" if Focusvar== 58
replace VarName = "agexp" if Focusvar== 59
replace VarName = "fuelexp" if Focusvar== 60
replace VarName = "manuexp" if Focusvar== 61
replace VarName = "oil" if Focusvar== 62
replace VarName = "sxpnew" if Focusvar== 63
replace VarName = "coldwar" if Focusvar== 64
replace VarName = "decade1" if Focusvar== 65
replace VarName = "autonomy" if Focusvar== 66
replace VarName = "centpol3" if Focusvar== 67
replace VarName = "fedpol3" if Focusvar== 68
replace VarName = "semipol3" if Focusvar== 69
replace VarName = "expgdp" if Focusvar== 70
replace VarName = "trade" if Focusvar== 71
replace VarName = "army85" if Focusvar== 72
replace VarName = "milper" if Focusvar== 73
replace VarName = "gdpgrowth" if Focusvar== 74
```

```
replace VarName = "illiteracy" if Focusvar== 75
replace VarName = "infant" if Focusvar== 76
replace VarName = "life" if Focusvar== 77
replace VarName = "pri" if Focusvar== 78
replace VarName = "seceduc" if Focusvar== 79
replace VarName = "pol4sq" if Focusvar== 80
replace VarName = "mirps3" if Focusvar== 81
replace VarName = "inst3" if Focusvar== 82
replace VarName = "sxpsq" if Focusvar== 83
replace VarName = "decade2" if Focusvar== 84
replace VarName = "decade3" if Focusvar== 85
replace VarName = "decade4" if Focusvar== 86
replace VarName = "mirps0" if Focusvar== 87
replace VarName = "mirps1" if Focusvar== 88

/* Coding concepts */
capture drop concept
gen concept = .
replace concept =  1  if Focusvar == 1
replace concept =  1  if Focusvar == 2
replace concept =  1  if Focusvar == 3
replace concept =  1  if Focusvar == 4
replace concept =  1  if Focusvar == 5
replace concept =  1  if Focusvar == 6
replace concept =  1  if Focusvar == 7
replace concept =  1  if Focusvar == 8
replace concept =  1  if Focusvar == 9
replace concept =  1  if Focusvar == 10
replace concept =  1  if Focusvar == 11
replace concept =  1  if Focusvar == 12
replace concept =  2  if Focusvar == 13
replace concept =  2  if Focusvar == 14
replace concept =  6  if Focusvar == 15
replace concept =  6  if Focusvar == 16
replace concept =  6  if Focusvar == 17
replace concept =  6  if Focusvar == 18
replace concept =  4  if Focusvar == 19
replace concept =  3  if Focusvar == 20
replace concept =  3  if Focusvar == 21
replace concept =  3  if Focusvar == 22
replace concept =  3  if Focusvar == 23
replace concept =  3  if Focusvar == 24
replace concept =  3  if Focusvar == 25
replace concept =  3  if Focusvar == 26
replace concept =  3  if Focusvar == 27
replace concept =  4  if Focusvar == 28
replace concept =  3  if Focusvar == 29
replace concept =  3  if Focusvar == 30
replace concept =  3  if Focusvar == 31
replace concept =  3  if Focusvar == 32
replace concept =  3  if Focusvar == 33
replace concept =  3  if Focusvar == 34
replace concept =  5  if Focusvar == 35
replace concept =  5  if Focusvar == 36
replace concept =  5  if Focusvar == 37
```

```
replace concept =  5  if Focusvar == 38
replace concept =  5  if Focusvar == 39
replace concept =  5  if Focusvar == 40
replace concept =  5  if Focusvar == 41
replace concept =  5  if Focusvar == 42
replace concept =  15  if Focusvar == 43
replace concept =  15  if Focusvar == 44
replace concept =  15  if Focusvar == 45
replace concept =  18  if Focusvar == 46
replace concept =  9  if Focusvar == 47
replace concept =  10  if Focusvar == 48
replace concept =  9  if Focusvar == 49
replace concept =  10  if Focusvar == 50
replace concept =  8  if Focusvar == 51
replace concept =  8  if Focusvar == 52
replace concept =  9  if Focusvar == 53
replace concept =  8  if Focusvar == 54
replace concept =  9  if Focusvar == 55
replace concept =  8  if Focusvar == 56
replace concept =  9  if Focusvar == 57
replace concept =  9  if Focusvar == 58
replace concept =  14  if Focusvar == 59
replace concept =  14  if Focusvar == 60
replace concept =  14  if Focusvar == 61
replace concept =  14  if Focusvar == 62
replace concept =  14  if Focusvar == 63
replace concept =  17  if Focusvar == 64
replace concept =  17  if Focusvar == 65
replace concept =  17  if Focusvar == 66
replace concept =  7  if Focusvar == 67
replace concept =  7  if Focusvar == 68
replace concept =  7  if Focusvar == 69
replace concept =  12  if Focusvar == 70
replace concept =  12  if Focusvar == 71
replace concept =  16  if Focusvar == 72
replace concept =  16  if Focusvar == 73
replace concept =  11  if Focusvar == 74
replace concept =  13  if Focusvar == 75
replace concept =  13  if Focusvar == 76
replace concept =  13  if Focusvar == 77
replace concept =  13  if Focusvar == 78
replace concept =  13  if Focusvar == 79
replace concept =  4  if Focusvar == 80
replace concept =  3  if Focusvar == 81
replace concept =  5  if Focusvar == 82
replace concept =  14  if Focusvar == 83
replace concept =  17  if Focusvar == 84
replace concept =  17 if Focusvar == 85
replace concept =  17 if Focusvar == 86
replace concept =  4  if Focusvar == 87
replace concept =  4  if Focusvar == 88


/*
```

```
label define conceptlabel 1 "Ethnic fragmentation" 2 "Ethnic polarization" 3 "Political system" 4 "Level of democracy" 5 "Political instability" 6
"Terrain and geography" 7 8 9 10 11 "Resources" 12 13 "Inconsistency" 14 15 16 17 18 19 20 21
label values concept conceptlabel
*/
sort VarName
save "Sensitivity\orig\ResultsRen.dta", replace
*/
use "Sensitivity\orig\ResultsRen.dta", replace
drop if Focusvar == 0

/* CALCULATING STATISTICS FOR TABLES */


/* Computing weights for fixed variables based on likelihood ratio indices  */
capture drop w_all
capture drop LLsum_all

egen LLsum_all = sum(LL)
gen w_all = LL / LLsum_all
replace w_all = . if Focusvar == 0

capture drop lnpop_b_w pt8_b_w lngdp_b_w
capture drop lnpop_b_w pt8_b_w lngdp_b_w
capture drop lnpop_se_w pt8_se_w lngdp_se_w


/* Table 2: population */


/* Calculating statistics for fixed variables */
gen lnpop_b_w = lnpop_b * w_all
gen lnpop_var_w = (lnpop_se^2) * w_all
gen lnpop_se_w = lnpop_se * w_all
egen lnpop_max = max(lnpop_b)
egen lnpop_min = min(lnpop_b)


/* Summing mean and standard errors */
capture drop lnpopmean lnpopsd2

egen lnpopmean = sum(lnpop_b_w)
egen lnpopse = sum(lnpop_se_w)
egen lnpopvar = sum(lnpop_var_w)

/* Calculating individual cdf's) */
capture drop pop_cdf0iplus
capture drop pop_cdf0iminus
capture drop pop_cdf0iw
gen pop_cdf0iplus = norm(lnpop_b/lnpop_se)
gen pop_cdf0iminus = norm(-lnpop_b/lnpop_se)
gen pop_cdf0iw = max(pop_cdf0iplus,pop_cdf0iminus)*w_all


/* Creating aggregate cdf0s */
/* cdf0norm is the cdf0 under the normal distribution assumption, cdf0gen is the one under the general assumption */
```

```
capture drop popcdf0plus
capture drop popcdf0minus
capture drop popcdf0norm
capture drop popcdf0gen
gen popcdf0plus = 1-norm(lnpopmean/sqrt(lnpop_var))
gen popcdf0minus = 1-norm(-lnpopmean/sqrt(lnpop_var))
gen popcdf0norm = min(popcdf0plus,popcdf0minus)
egen popcdf0gen = sum(pop_cdf0iw)
replace popcdf0gen = 1-popcdf0gen

summarize lnpop_b lnpop_se lnpop_max lnpop_min popcdf0norm popcdf0gen

gen lnpop_t = lnpop_b/lnpop_se
graph7 lnpop_t, bin(50) normal xlabel(-2, -1, 0, 1, 2, 3, 4, 5, 6) ylabel(0, .025, .05, .075, .1) xline(1.65)
saving("Sensitivity\results_warstns_orig\lnpop_t", replace)


/* Table 2: pt8 */
clear all
use "Sensitivity\orig\ResultsRen.dta", replace
drop if Focusvar == 0
egen LLsum_all = sum(LL)
gen w_all = LL / LLsum_all
replace w_all = . if Focusvar == 0



gen pt8_b_w = pt8_b * w_all
gen pt8_var_w = (pt8_se^2) * w_all
gen pt8_se_w = pt8_se * w_all
egen pt8_max = max(pt8_b)
egen pt8_min = min(pt8_b)

capture drop pt8mean pt8sd2
egen pt8mean = sum(pt8_b_w)
egen pt8sde = sum(pt8_se_w)

capture drop pt8_cdf0iplus
capture drop pt8_cdf0iminus
capture drop pt8_cdf0iw
gen pt8_cdf0iplus = norm(pt8_b/pt8_se)
gen pt8_cdf0iminus = norm(-pt8_b/pt8_se)
gen pt8_cdf0iw = max(pt8_cdf0iplus,pt8_cdf0iminus)*w_all


capture drop pt8cdf0plus
capture drop pt8cdf0minus
capture drop pt8cdf0norm
capture drop pt8cdf0gen
gen pt8cdf0plus = 1-norm(pt8mean/sqrt(pt8_var))
gen pt8cdf0minus = 1-norm(-pt8mean/sqrt(pt8_var))
gen pt8cdf0norm = min(pt8cdf0plus,pt8cdf0minus)
egen pt8cdf0gen = sum(pt8_cdf0iw)
replace pt8cdf0gen = 1-pt8cdf0gen
```

```
summarize pt8_b pt8_se pt8_max pt8_min pt8cdf0norm pt8cdf0gen

gen pt8_t = pt8_b/pt8_se
graph7 pt8_t, bin(50) normal xlabel(-2, -1, 0, 1, 2, 3, 4, 5, 6) ylabel(0, .025, .05, .075, .1) xline(1.65)
saving("Sensitivity\results_warstns_orig\pt8_b", replace)



/* Table 2: gdp */
clear all
use "Sensitivity\orig\ResultsRen.dta", replace
drop if Focusvar == 0
egen LLsum_all = sum(LL)
gen w_all = LL / LLsum_all
replace w_all = . if Focusvar == 0


gen lngdp_b_w = lngdp_b * w_all
gen lngdp_var_w = (lngdp_se^2) * w_all
gen lngdp_se_w = lngdp_se * w_all
egen lngdp_max = max(lngdp_b)
egen lngdp_min = min(lngdp_b)

capture drop lngdpmean lngdpsd2
egen lngdpmean = sum(lngdp_b_w)
egen lngdpse = sum(lngdp_se_w)

capture drop gdp_cdf0iplus
capture drop gdp_cdf0iminus
capture drop gdp_cdf0iw
gen gdp_cdf0iplus = norm(lngdp_b/lngdp_se)
gen gdp_cdf0iminus = norm(-lngdp_b/lngdp_se)
gen gdp_cdf0iw = max(gdp_cdf0iplus,gdp_cdf0iminus)*w_all



capture drop gdpcdf0plus
capture drop gdpcdf0minus
capture drop gdpcdf0norm
capture drop gdpcdf0gen
gen gdpcdf0plus = 1-norm(lngdpmean/sqrt(lngdp_var))
gen gdpcdf0minus = 1-norm(-lngdpmean/sqrt(lngdp_var))
gen gdpcdf0norm = min(gdpcdf0plus,gdpcdf0minus)
egen gdpcdf0gen = sum(gdp_cdf0iw)
replace gdpcdf0gen = 1-gdpcdf0gen

summarize lngdp_b lngdp_se lngdp_max lngdp_min gdpcdf0norm gdpcdf0gen

/* Calculating t-ratios */
gen lngdp_t = lngdp_b/lngdp_se
graph7 lngdp_t, bin(50) normal xlabel( -6, -5, -4, -3, -2, -1, 0, 1, 2) ylabel(0, .025, .05, .075, .1) xline(-1.65)
saving("Sensitivity\results_warstns_orig\lngdp_b", replace)
```

```
clear all
use "Sensitivity\orig\ResultsRen.dta", replace
drop if Focusvar == 0

/* Computing weights for fixed variables based on likelihood ratio indices  */
capture drop w_all
capture drop LLsum_all

egen LLsum_all = sum(LL)
gen w_all = LL / LLsum_all
replace w_all = . if Focusvar == 0


sort VarName
/* Computing weights based on log likelihoods */
capture drop w
capture drop LLsum
capture drop fv_b_w
capture drop fv_var_w
capture drop fv_se_w
by VarName: egen LLsum = sum(LL)
gen w = LL/LLsum
gen fv_b_w = fv_b * w
gen fv_var_w = (fv_se^2) * w
gen fv_se_w = fv_se * w
gen fv_t = fv_b / fv_se



/*
by VarName: summarize fv_se, detail
by VarName: summarize fv_b, detail
*/
/*
graph fv_t, bin(30) by(VarName) xlabel( -3, -2, -1, 0, 1, 2, 3) ylabel(0, .1, .2, .3, .4, .5)
*/
/*
replace concept == . if VarName == "Anocracy"
*/
graph7 fv_b, bin(50) by(VarName) xlabel( -2, -1.5, -1, -.5, 0, .5, 1, 1.5,  2) ylabel(0, .1, .2, .3, .4, .5)
graph7 fv_t if concept==1, bin(50) by(VarName) xlabel(-3.0, -2.0, -1.0, 0, 1.0, 2.0, 3.0) ylabel(0, .05, .1, .15)
saving("Sensitivity\results_warstns_orig\conc1_b", replace) xline(-1.65, 1.65)
graph7 fv_t if concept==2, bin(50) by(VarName) xlabel(-3.0, -2.0, -1.0, 0, 1.0, 2.0, 3.0) ylabel(0, .05, .1, .15)
saving("Sensitivity\results_warstns_orig\conc2_b", replace) xline(-1.65, 1.65)
graph7 fv_t if concept==3, bin(50) by(VarName) xlabel(-3.0, -2.0, -1.0, 0, 1.0, 2.0, 3.0) ylabel(0, .05, .1, .15)
saving("Sensitivity\results_warstns_orig\conc4_b", replace) xline(-1.65, 1.65)
graph7 fv_t if concept==4 & VarName != "anocracy", bin(35) by(VarName) xlabel(-3.0, -2.0, -1.0, 0, 1.0, 2.0, 3.0) ylabel(0, .05, .1, .15)
saving("Sensitivity\results_warstns_orig\conc5_b", replace) xline(-1.65, 1.65)
graph7 fv_t if concept==5 & VarName != "instab" & VarName != "inst2", bin(50) by(VarName) xlabel(-3.0, -2.0, -1.0, 0, 1.0, 2.0, 3.0) ylabel(0, .05,
.1, .15) saving("Sensitivity\results_warstns_orig\conc11_b", replace) xline(-1.65, 1.65)
graph7 fv_t if concept==14, bin(50) by(VarName) xlabel(-3.0, -2.0, -1.0, 0, 1.0, 2.0, 3.0) ylabel(0, .05, .1, .15)
saving("Sensitivity\results_warstns_orig\conc13_b", replace) xline(-1.65, 1.65)
```

```
*/


capture drop fvmax
capture drop fvmin
capture drop fvmean
capture drop fvvar
capture drop fvsd2
capture drop fvsd
capture drop fvu975
capture drop fvl975
by VarName: egen fvmax = max(fv_b)
by VarName: egen fvmin = min(fv_b)
by VarName: egen fvmean = sum(fv_b_w)
by VarName: egen fvvar = sum(fv_var_w)
by VarName: egen fvsd2 = sum(fv_se_w)
gen fvu975 = fvmean + (1.96*sqrt(fvvar))
gen fvl975 = fvmean - (1.96*sqrt(fvvar))
gen fvsd = sqrt(fvvar)

/* Computing individual cdf's to compute the aggregate cdf0 under the non-normal */
/* distribution assumption */
capture drop cdf0iplus
capture drop cdf0iminus
capture drop cdf0iw
gen cdf0iplus = norm(fv_b/fv_se)
gen cdf0iminus = norm(-fv_b/fv_se)
gen cdf0iw = max(cdf0iplus,cdf0iminus)*w

/* Creating aggregate cdf0s */
/* cdf0norm is the cdf0 under the normal distribution assumption, cdf0gen is the one under the general assumption */
capture drop cdf0plus
capture drop cdf0minus
capture drop cdf0norm
capture drop cdf0gen
gen cdf0plus = 1-norm(fvmean/sqrt(fvvar))
gen cdf0minus = 1-norm(-fvmean/sqrt(fvvar))
gen cdf0norm = min(cdf0plus,cdf0minus)
by VarName: egen cdf0gen = sum(cdf0iw)
replace cdf0gen = 1-cdf0gen
by VarName: summarize concept w LL LLsum obsno fvmean fv_b fvsd fvmax fvmin cdf0norm cdf0gen


/*
```