

**Command & Log File for
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“Do Terrorists Win? Rebels’ Use of Terrorism and Civil War Outcomes”
Forthcoming *International Organization***

Results last run May 2014

Results for tables and figures in **bold**, robustness tests and other results reported in the text but not shown in detail are also included.

```
. use "C:\Users\Page\Documents\Files\DATA\terrorism\do terrorists win replication
data.dta", clear
```

```
. */Figure 2a war aims & T/*
```

```
. tab HCTrebels if independenceC==0 & transformC==0 & firstob==1
```

HCTrebels	Freq.	Percent	Cum.
0	29	96.67	96.67
1	1	3.33	100.00
Total	30	100.00	

```
. tab HCTrebels if independenceC==1 & firstob==1
```

HCTrebels	Freq.	Percent	Cum.
0	35	70.00	70.00
1	15	30.00	100.00
Total	50	100.00	

```
. tab HCTrebels if transformC==1 & firstob==1
```

HCTrebels	Freq.	Percent	Cum.
0	16	66.67	66.67
1	8	33.33	100.00
Total	24	100.00	

```
. */figure 2b war aims & outcome/*
```

```
. tab outcomeF if independenceC==0 & transformC==0 & lastob==1
```

outcomeF	Freq.	Percent	Cum.
0	2	6.67	6.67
1	3	10.00	16.67
2	1	3.33	20.00

3	15	50.00	70.00
4	9	30.00	100.00

Total	30	100.00	

. tab outcomeF if independenceC==1 & lastob==1

outcomeF	Freq.	Percent	Cum.
0	7	14.00	14.00
1	7	14.00	28.00
2	11	22.00	50.00
3	21	42.00	92.00
4	4	8.00	100.00

Total	50	100.00	

. tab outcomeF if transformC==1 & lastob==1

outcomeF	Freq.	Percent	Cum.
1	8	33.33	33.33
2	5	20.83	54.17
3	8	33.33	87.50
4	3	12.50	100.00

Total	24	100.00	

. */figures 2a & 2b graphed in Excel/*

. */terrorism and pre1989start/*

. tab HCTrebels pre1989start if firstob==1, r all

```

+-----+
| Key          |
+-----+
| frequency    |
| row percentage |
+-----+

```

HCTrebels	war began before 1989		Total
	0	1	
0	53	27	80
	66.25	33.75	100.00

1	17	7	24
	70.83	29.17	100.00

Total	70	34	104
	67.31	32.69	100.00

Pearson chi2(1) = 0.1762 Pr = 0.675

```
likelihood-ratio chi2(1) = 0.1787 Pr = 0.672
      Cramér's V = -0.0412
      gamma = -0.1060 ASE = 0.251
      Kendall's tau-b = -0.0412 ASE = 0.096
```

```
. tab HCTrebels prel989start if lastob==1, r all
```

```
+-----+
| Key      |
+-----+
| frequency|
| row percentage|
+-----+
```

		war began before 1989		
HCTrebels		0	1	Total
0		53	26	79
		67.09	32.91	100.00
1		17	8	25
		68.00	32.00	100.00
Total		70	34	104
		67.31	32.69	100.00

```
Pearson chi2(1) = 0.0072 Pr = 0.933
likelihood-ratio chi2(1) = 0.0072 Pr = 0.932
      Cramér's V = -0.0083
      gamma = -0.0208 ASE = 0.245
      Kendall's tau-b = -0.0083 ASE = 0.098
```

```
. */table 1: T as DV/*
```

```
. logit HCTrebels o_rebstrength demdum independenceC transformC diffreligion lnpop lngdppc
africa lnmtnest act2 if firstob==1, cluster (js_country) nolog
note: africa != 0 predicts failure perfectly
      africa dropped and 34 obs not used
```

```
Logistic regression                                Number of obs =          70
                                                    Wald chi2(9) =         42.97
                                                    Prob > chi2 =          0.0000
Log pseudolikelihood = -31.011953                Pseudo R2 =           0.3109
```

(Std. Err. adjusted for 32 clusters in js_countryid)

HCTrebels	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
o_rebstren~h	-.8433281	.7557406	-1.12	0.264	-2.324552	.6378964
demdum	1.554536	.7200348	2.16	0.031	.1432937	2.965778

independen~C		-.2385094	1.555919	-0.15	0.878	-3.288055	2.811036
transformC		1.366144	1.649649	0.83	0.408	-1.867109	4.599397
diffreligion		1.225582	.5083042	2.41	0.016	.229324	2.22184
lnpop		.2183175	.2501973	0.87	0.383	-.2720602	.7086952
lngdppc		.4369628	.3282756	1.33	0.183	-.2064455	1.080371
africa		(omitted)					
lnmtnest		-.0570062	.3113964	-0.18	0.855	-.667332	.5533196
act2		.102246	.7310385	0.14	0.889	-1.330563	1.535055
_cons		-7.227268	5.185687	-1.39	0.163	-17.39103	2.936491

. */robustness -- 1989 data for pre-1989 start wars/*

. logit HCTrebels o_rebstrength demdum independenceC transformC diffreligion lnpop lngdppc africa lnmtnest act2 if firstob2==1, cluster (js_country) nolog
note: africa != 0 predicts failure perfectly
africa dropped and 34 obs not used

Logistic regression	Number of obs	=	70
	Wald chi2(9)	=	34.98
	Prob > chi2	=	0.0001
Log pseudolikelihood = -29.693734	Pseudo R2	=	0.3402

(Std. Err. adjusted for 32 clusters in js_countryid)

HCTrebels	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
o_rebstren~h	-.6242499	.6930285	-0.90	0.368	-1.982561	.7340609
demdum	2.182211	.8517188	2.56	0.010	.5128726	3.851549
independen~C	-.476507	1.716247	-0.28	0.781	-3.84029	2.887276
transformC	1.102429	1.722495	0.64	0.522	-2.273599	4.478457
diffreligion	1.474256	.6948862	2.12	0.034	.1123041	2.836208
lnpop	.1801875	.3057506	0.59	0.556	-.4190726	.7794475
lngdppc	.308115	.4589249	0.67	0.502	-.5913613	1.207591
africa	(omitted)					
lnmtnest	-.1135594	.321544	-0.35	0.724	-.7437741	.5166552
act2	.0976436	.8381444	0.12	0.907	-1.545089	1.740376
_cons	-6.074095	6.454007	-0.94	0.347	-18.72372	6.575527

. */robustness -- all obs/*

. logit HCTrebels o_rebstrength demdum independenceC transformC diffreligion lnpop lngdppc africa lnmtnest act2, cluster (js_country) nolog
note: africa != 0 predicts failure perfectly
africa dropped and 279 obs not used

Logistic regression	Number of obs	=	736
	Wald chi2(9)	=	67.76
	Prob > chi2	=	0.0000
Log pseudolikelihood = -304.24562	Pseudo R2	=	0.3915

(Std. Err. adjusted for 32 clusters in js_countryid)

HCTrebels	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
o_rebstren~h	.4058747	.7184605	0.56	0.572	-1.002282	1.814031
demdum	1.357386	.5544532	2.45	0.014	.2706779	2.444094
independen~C	.4380236	1.473692	0.30	0.766	-2.450361	3.326408
transformC	1.94921	1.393913	1.40	0.162	-.7828095	4.68123
diffreligion	2.136076	.5660043	3.77	0.000	1.026728	3.245424
lnpop	.4593998	.2255332	2.04	0.042	.0173628	.9014368
lngdppc	1.725836	.448895	3.84	0.000	.8460177	2.605654
africa	(omitted)					
lnmtnest	.1830184	.3022736	0.61	0.545	-.4094269	.7754638
act2	-.5482035	.3917446	-1.40	0.162	-1.316009	.2196019
_cons	-22.07377	5.483464	-4.03	0.000	-32.82116	-11.32638

. */robustness -- clustered by conflict/*

. logit HCTrebels o_rebstrength demdum independenceC transformC diffreligion lnpop lngdppc africa lnmtnest act2 if firstob==1, cluster (conflictcluster) nolog
 note: africa != 0 predicts failure perfectly
 africa dropped and 34 obs not used

Logistic regression Number of obs = 70
Wald chi2(9) = 21.86
Prob > chi2 = 0.0093
 Log pseudolikelihood = -31.011953 Pseudo R2 = 0.3109

(Std. Err. adjusted for 49 clusters in conflictcluster)

HCTrebels	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
o_rebstren~h	-.8433281	.7556881	-1.12	0.264	-2.32445	.6377935
demdum	1.554536	.7682452	2.02	0.043	.048803	3.060269
independen~C	-.2385094	1.521292	-0.16	0.875	-3.220186	2.743168
transformC	1.366144	1.643623	0.83	0.406	-1.855298	4.587586
diffreligion	1.225582	.7686546	1.59	0.111	-.2809533	2.732117
lnpop	.2183175	.28316	0.77	0.441	-.336666	.7733009
lngdppc	.4369628	.3996741	1.09	0.274	-.3463841	1.22031
africa	(omitted)					
lnmtnest	-.0570062	.3423243	-0.17	0.868	-.7279496	.6139372
act2	.102246	.7878696	0.13	0.897	-1.44195	1.646442
_cons	-7.227268	5.572741	-1.30	0.195	-18.14964	3.695103

. */figure 3: T & war outcomes/*

. tab HCTrebels outcomeF if lastob==1, r all

+-----+

```
| Key |
|-----|
| frequency |
| row percentage |
+-----+
```

HCTrebels	outcomeF					Total
	0	1	2	3	4	
0	6	11	6	40	16	79
	7.59	13.92	7.59	50.63	20.25	100.00
1	3	7	11	4	0	25
	12.00	28.00	44.00	16.00	0.00	100.00
Total	9	18	17	44	16	104
	8.65	17.31	16.35	42.31	15.38	100.00

```
Pearson chi2(4) = 28.4441 Pr = 0.000
likelihood-ratio chi2(4) = 30.3201 Pr = 0.000
Cramér's V = 0.5230
gamma = -0.6119 ASE = 0.097
Kendall's tau-b = -0.3616 ASE = 0.069
```

```
. */figure created in Excel/*
```

```
. */table 2: T & duration of war/*
```

```
. stset enddate2009, id(VPFid) fail(warends) origin(time startdate)
```

```
id: VPFid
failure event: warends != 0 & warends < .
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
origin: time startdate
```

```
-----
1083 total obs.
68 ignored because VPFid missing
```

```
-----
1015 obs. remaining, representing
104 subjects
86 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056
```

```
. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, cluster(js_country) nolog
```

```
failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
```

```
id: VPfid
```

```
Cox regression -- Breslow method for ties
```

No. of subjects	=	104	Number of obs	=	566
No. of failures	=	86			
Time at risk	=	194190			
			Wald chi2(10)	=	56.29
Log pseudolikelihood	=	-261.94776	Prob > chi2	=	0.0000

```
(Std. Err. adjusted for 49 clusters in js_countryid)
```

		Robust				[95% Conf. Interval]	
_____+_____	_____+	Haz. Ratio	Std. Err.	z	P> z		
HCTrebels		.4089758	.1299916	-2.81	0.005	.2193542	.7625165
o_rebstren~h		1.157554	.2267867	0.75	0.455	.7884508	1.699447
demdum		.5893352	.2353317	-1.32	0.185	.2694405	1.289027
independen~C		.5348951	.1882826	-1.78	0.075	.268316	1.066328
transformC		.5277051	.1509665	-2.23	0.025	.3012164	.9244938
lnpop		.9374204	.0902072	-0.67	0.502	.7762899	1.131996
lngdppc		.9158258	.1727694	-0.47	0.641	.6327538	1.325534
africa		.5707749	.1671118	-1.92	0.055	.3215508	1.013165
diffreligion		1.537959	.4472004	1.48	0.139	.869834	2.719275
warage		.9632408	.0290124	-1.24	0.214	.9080233	1.021816

```
. */figure 4/*
```

```
. stcurve, surv at1(HCTrebels=0, o_rebstrength=1, demdum=0, independenceC=1, transformC=0,
africa=0, diffreligion=0, warage=0) at2(HCTrebels=1, o_rebstrength=1, demdum=0,
independenceC=1, transformC=0, africa=0, diffreligion=0, warage=0) legend(off) title("")
xtitle("Years at War (analysis time)") xtick(0 3652.5 7305 10957.5) xlabel(0 "0" 3652.5
"10" 7305 "20" 10957.5 "30")
```

```
note: label truncated to 80 characters
```

```
note: label truncated to 80 characters
```

```
. */ edit in graph editor: thicken lines to medium thick; add labels to lines (T & ~T);
change background color to white; save file/*
```

```
. */test of PH assumption/*
```

```
. estat phtest, detail
```

```
Test of proportional-hazards assumption
```

```
Time: Time
```

_____+_____	_____+	rho	chi2	df	Prob>chi2
HCTrebels		0.16028	1.66	1	0.1976
o_rebstren~h		-0.07698	0.57	1	0.4500
demdum		-0.00142	0.00	1	0.9864
independen~C		0.10433	1.14	1	0.2861

transformC		0.04145	0.14		1	0.7103
lnpop		-0.10601	1.18		1	0.2779
lngdppc		-0.11621	1.34		1	0.2468
africa		0.00202	0.00		1	0.9847
diffreligion		-0.08148	0.57		1	0.4497
warage		0.18150	1.85		1	0.1735
-----+						
global test			4.44		10	0.9251

note: robust variance-covariance matrix used.

```
. */robustness -- cluster by conflict/*
```

```
. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, cluster(conflictcluster) nolog
```

```
failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Cox regression -- Breslow method for ties

```
No. of subjects      =          104          Number of obs      =          566
No. of failures      =           86
Time at risk         =        194190
Log pseudolikelihood =       -261.94776
Wald chi2(10)        =          37.49
Prob > chi2          =          0.0000
```

(Std. Err. adjusted for 74 clusters in conflictcluster)

			Robust			
		Haz. Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.4089758	.1258376	-2.91	0.004	.2237647 .7474868
o_rebstren~h		1.157554	.2149343	0.79	0.431	.8044336 1.665682
demdum		.5893352	.2287221	-1.36	0.173	.2754288 1.261001
independen~C		.5348951	.1843445	-1.82	0.069	.2722158 1.051051
transformC		.5277051	.1497604	-2.25	0.024	.3025686 .9203619
lnpop		.9374204	.0870652	-0.70	0.487	.7814065 1.124584
lngdppc		.9158258	.1709521	-0.47	0.638	.6352195 1.320389
africa		.5707749	.1706914	-1.88	0.061	.3176226 1.025695
diffreligion		1.537959	.4676566	1.42	0.157	.8474511 2.791096
warage		.9632408	.0290921	-1.24	0.215	.9078761 1.021982

```
. */robustness -- weibull/*
```

```
. streg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, cluster(js_country) nolog dist(weib)
```

```
failure _d: warends
analysis time _t: (enddate2009-origin)
```



```
origin: time startdate
id: VPFid
```

Weibull regression -- log relative-hazard form

```
No. of subjects      =          104          Number of obs      =          566
No. of failures      =           86
Time at risk         =          194190
Log pseudolikelihood = -102.96797
Wald chi2(10)       =          39.51
Prob > chi2         =          0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
	_t	Haz. Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.4177672	.1360229	-2.68	0.007	.2206924 .7908266
o_rebstren~h		1.243243	.2470901	1.10	0.273	.8421372 1.835394
demdum		.5314435	.2168386	-1.55	0.121	.2388644 1.182395
independen~C		.5544963	.1839911	-1.78	0.076	.2893716 1.062531
transformC		.5042451	.1436313	-2.40	0.016	.2885239 .881255
lnpop		.9926092	.0925851	-0.08	0.937	.8267666 1.191718
lngdppc		.9897392	.2085951	-0.05	0.961	.6548224 1.495953
africa		.627219	.2058542	-1.42	0.155	.3296504 1.193397
diffreligion		1.530391	.4415179	1.47	0.140	.8694226 2.693855
warage		.9645153	.0218788	-1.59	0.111	.9225729 1.008364
/ln_p		.0835489	.1223684	0.68	0.495	-.1562888 .3233866
p		1.087138	.1330314			.8553122 1.381799
1/p		.9198461	.1125601			.723694 1.169164

```
. streg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, cluster(js_country) nolog dist(weib)
```

```
failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Weibull regression -- log relative-hazard form

```
No. of subjects      =          104          Number of obs      =          566
No. of failures      =           86
Time at risk         =          194190
Log pseudolikelihood = -102.96797
Wald chi2(10)       =          39.51
Prob > chi2         =          0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
	_t	Haz. Ratio	Std. Err.	z	P> z	[95% Conf. Interval]

HCTrebels		.4177672	.1360229	-2.68	0.007	.2206924	.7908266
o_rebstren~h		1.243243	.2470901	1.10	0.273	.8421372	1.835394
demdum		.5314435	.2168386	-1.55	0.121	.2388644	1.182395
independen~C		.5544963	.1839911	-1.78	0.076	.2893716	1.062531
transformC		.5042451	.1436313	-2.40	0.016	.2885239	.881255
lnpop		.9926092	.0925851	-0.08	0.937	.8267666	1.191718
lngdppc		.9897392	.2085951	-0.05	0.961	.6548224	1.495953
africa		.627219	.2058542	-1.42	0.155	.3296504	1.193397
diffreligion		1.530391	.4415179	1.47	0.140	.8694226	2.693855
warage		.9645153	.0218788	-1.59	0.111	.9225729	1.008364

/ln_p		.0835489	.1223684	0.68	0.495	-.1562888	.3233866

p		1.087138	.1330314			.8553122	1.381799
1/p		.9198461	.1125601			.723694	1.169164

. */robustness -- add mountains and act2/*

. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion lnmtnest act2 if keepobs==1, cluster(js_country) nolog

failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Cox regression -- Breslow method for ties

No. of subjects	=	104	Number of obs	=	566
No. of failures	=	86			
Time at risk	=	194190			
			Wald chi2(11)	=	59.12
Log pseudolikelihood	=	-262.17415	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

			Robust				
_t		Haz. Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	

HCTrebels		.4220153	.127038	-2.87	0.004	.2339341	.7613122
o_rebstren~h		1.185017	.2226047	0.90	0.366	.8200247	1.712467
demdum		.6024316	.2443363	-1.25	0.211	.2720661	1.333955
independen~C		.5656726	.1923936	-1.68	0.094	.2904416	1.10172
transformC		.5385524	.1566225	-2.13	0.033	.3045653	.9523036
lnpop		.9455239	.0932907	-0.57	0.570	.7792705	1.147247
lngdppc		.8853014	.1814517	-0.59	0.552	.5924185	1.322981
africa		.5712133	.1841832	-1.74	0.082	.3036233	1.074636
diffreligion		1.540978	.4316104	1.54	0.123	.8899893	2.668138
lnmtnest		.9572937	.1049801	-0.40	0.691	.7721462	1.186836
act2		1.108037	.2375859	0.48	0.632	.7278454	1.686822

. */robustness - drop outcome changed categories/*

. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~1, cluster(js_country) nolog

failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Cox regression -- Breslow method for ties

No. of subjects = 99 Number of obs = 518
No. of failures = 81
Time at risk = 170460
Wald chi2(10) = 59.67
Log pseudolikelihood = -238.01129 Prob > chi2 = 0.0000

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.4281552	.1594386	-2.28	0.023	.2063604	.8883335
o_rebstren~h	1.293324	.2597158	1.28	0.200	.8725195	1.917076
demdum	.5052602	.238707	-1.45	0.148	.2001568	1.27544
independen~C	.6148859	.2200007	-1.36	0.174	.3049596	1.239786
transformC	.5443614	.1682729	-1.97	0.049	.2970052	.9977243
lnpop	.9498663	.1002362	-0.49	0.626	.7723925	1.168119
lngdppc	.833026	.1591034	-0.96	0.339	.5729064	1.211249
africa	.6454646	.188846	-1.50	0.135	.3637753	1.14528
diffreligion	2.086357	.5537719	2.77	0.006	1.240104	3.510096
warage	.9404669	.0395852	-1.46	0.145	.8659954	1.021343

. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~2, cluster(js_country) nolog

failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Cox regression -- Breslow method for ties

No. of subjects = 102 Number of obs = 556
No. of failures = 84
Time at risk = 190554
Wald chi2(10) = 41.36
Log pseudolikelihood = -257.78348 Prob > chi2 = 0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.3908015	.1322163	-2.78	0.005	.2013618	.758465
o_rebstren~h	1.146024	.2267545	0.69	0.491	.7776302	1.688939
demdum	.6155248	.2618608	-1.14	0.254	.2673755	1.416999
independen~C	.5299624	.1877473	-1.79	0.073	.2646634	1.061198
transformC	.5640379	.157324	-2.05	0.040	.3265031	.9743819

lnpop		.9315941	.0907561	-0.73	0.467	.7696663	1.127589
lngdppc		.9137476	.1790466	-0.46	0.645	.622351	1.341582
africa		.5750878	.1711171	-1.86	0.063	.3209074	1.030596
diffreligion		1.533196	.4632256	1.41	0.157	.8480541	2.771863
warage		.9630247	.0320271	-1.13	0.257	.9022549	1.027888

```
. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~3, cluster(js_country) nolog
```

```
failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Cox regression -- Breslow method for ties

No. of subjects	=	102	Number of obs	=	560
No. of failures	=	85			
Time at risk	=	192928			
Log pseudolikelihood	=	-255.72274	Wald chi2(10)	=	70.55
			Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	.3873843	.1250329	-2.94	0.003	.2057817 .7292516
o_rebstren~h	1.173792	.2336525	0.80	0.421	.7946081 1.733922
demdum	.5666607	.2386969	-1.35	0.178	.2481806 1.293833
independen~C	.5499931	.1989759	-1.65	0.098	.2706515 1.117645
transformC	.5624129	.15556	-2.08	0.037	.3270529 .9671471
lnpop	.9286288	.0956721	-0.72	0.472	.7588344 1.136416
lngdppc	.8586672	.1619855	-0.81	0.419	.5932636 1.242802
africa	.5430276	.1565351	-2.12	0.034	.3086395 .9554155
diffreligion	1.553628	.4728302	1.45	0.148	.8556432 2.820988
warage	.960591	.0303063	-1.27	0.203	.902991 1.021865

```
. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged==0, cluster(js_country) nolog
```

```
failure _d: warends
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Cox regression -- Breslow method for ties

No. of subjects	=	95	Number of obs	=	502
No. of failures	=	78			
Time at risk	=	165562			
Log pseudolikelihood	=	-228.52792	Wald chi2(10)	=	79.78
			Prob > chi2	=	0.0000

(Std. Err. adjusted for 47 clusters in js_countryid)

_t	Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]
----	------------	------------------	---	------	----------------------

HCTrebels		.406816	.1516875	-2.41	0.016	.195891	.8448537
o_rebstren~h		1.290988	.2591604	1.27	0.203	.8710584	1.913363
demdum		.5714916	.284348	-1.12	0.261	.2155217	1.515405
independen~C		.6091379	.2245398	-1.34	0.179	.2957648	1.25454
transformC		.6338061	.1828932	-1.58	0.114	.3600235	1.115789
lnpop		.9214886	.1075842	-0.70	0.484	.7330133	1.158425
lngdppc		.7588982	.1544062	-1.36	0.175	.5093275	1.130759
africa		.6214164	.1817685	-1.63	0.104	.350268	1.102465
diffreligion		2.217135	.6211876	2.84	0.004	1.280284	3.839531
warage		.9504941	.0439161	-1.10	0.272	.8682025	1.040586

```

. */robustness - alt methods of dealing with pre1989start wars/*

```

```

. */add control/*

```

```

. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion pre1989start if keepobs==1, cluster(js_country) nolog

```

```

      failure _d:  warends
analysis time _t:  (enddate2009-origin)
              origin:  time startdate
              id:  VPFid

```

```

Cox regression -- Breslow method for ties

```

```

No. of subjects      =          104                Number of obs      =          566
No. of failures      =             86
Time at risk        =        194190
Log pseudolikelihood =       -260.8589
Wald chi2(10)       =          61.58
Prob > chi2         =          0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.370402	.1347935	-2.73	0.006	.1815145 .7558494
o_rebstren~h		1.178148	.2403804	0.80	0.422	.7898179 1.757408
demdum		.5487149	.2206665	-1.49	0.136	.2494795 1.206865
independen~C		.5016429	.1811866	-1.91	0.056	.2471453 1.018209
transformC		.4986792	.1475261	-2.35	0.019	.279259 .8905031
lnpop		.9416623	.0909926	-0.62	0.534	.7791907 1.138011
lngdppc		.9149847	.1744161	-0.47	0.641	.6297327 1.329448
africa		.5553761	.1700727	-1.92	0.055	.3047361 1.012163
diffreligion		1.599033	.4646534	1.62	0.106	.9047153 2.826201
pre1989start		.4343557	.2231827	-1.62	0.105	.1586636 1.189088

```

. */drop warage variable/*

```

```

. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, cluster(js_country) nolog

```

```

      failure _d:  warends
analysis time _t:  (enddate2009-origin)
              origin:  time startdate
              id:  VPFid

```

```

Cox regression -- Breslow method for ties

```

```

No. of subjects      =          104          Number of obs      =          1015
No. of failures     =           86
Time at risk        =        353840
Log pseudolikelihood =   -313.73742
Wald chi2(9)       =          25.20
Prob > chi2        =          0.0028

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		.4964259	.1895407	-1.83	0.067	.2348857	1.049185
o_rebstren~h		1.621107	.3305306	2.37	0.018	1.087072	2.41749
demdum		.6600293	.255686	-1.07	0.283	.3089014	1.410284
independen~C		.5180842	.1750553	-1.95	0.052	.2671702	1.004645
transformC		.6137024	.200192	-1.50	0.134	.3238119	1.163116
lnpop		.9802318	.1182582	-0.17	0.869	.7738151	1.24171
lngdppc		1.066396	.233401	0.29	0.769	.6944117	1.637647
africa		.8299896	.2584454	-0.60	0.550	.4508397	1.527999
diffreligion		1.903429	.5252905	2.33	0.020	1.108231	3.269214

. */include only post-1989 start wars/*

```

. stcox HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion if pre1989start==0, cluster(js_country) nolog

```

```

      failure _d:  warends
analysis time _t:  (enddate2009-origin)
              origin:  time startdate
              id:    VPFid

```

Cox regression -- Breslow method for ties

```

No. of subjects      =          70          Number of obs      =          356
No. of failures     =           57
Time at risk        =        120919
Log pseudolikelihood =   -183.33869
Wald chi2(9)       =          63.76
Prob > chi2        =          0.0000

```

(Std. Err. adjusted for 37 clusters in js_countryid)

	_t	Haz. Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		.2859256	.1120048	-3.20	0.001	.1326827	.6161576
o_rebstren~h		1.415815	.361235	1.36	0.173	.8586747	2.33445
demdum		.4397958	.223089	-1.62	0.105	.1627324	1.188579
independen~C		.3705758	.16022	-2.30	0.022	.1588022	.8647641
transformC		.3721701	.1169294	-3.15	0.002	.2010522	.6889286
lnpop		1.000372	.090648	0.00	0.997	.8375877	1.194792
lngdppc		1.124428	.2671467	0.49	0.622	.7058286	1.791282
africa		.5426323	.2093498	-1.58	0.113	.2547466	1.155854
diffreligion		1.696573	.558034	1.61	0.108	.8904237	3.232573

/table 3a/

```
. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion warage lntimeatstate if keepobs==1, cluster(js_country) nolog
baseoutcome(2)
```

```
Multinomial logistic regression                               Number of obs   =       566
                                                            Wald chi2(44)   =    11948.60
                                                            Prob > chi2     =       0.0000
Log pseudolikelihood = -291.54355                          Pseudo R2       =       0.1640
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

0						
HCTrebels	.2690975	.5875369	0.46	0.647	-.8824537	1.420649
o_rebstren~h	-.0216327	.4501642	-0.05	0.962	-.9039383	.860673
demdum	-2.311268	.9645988	-2.40	0.017	-4.201847	-.420689
independen~C	-.329536	1.164345	-0.28	0.777	-2.611611	1.952539
transformC	-17.67942	1.455288	-12.15	0.000	-20.53173	-14.82711
lnpop	.1465091	.2294492	0.64	0.523	-.3032031	.5962213
lngdppc	.6162811	.7404867	0.83	0.405	-.8350462	2.067608
africa	-17.45368	.7287534	-23.95	0.000	-18.88201	-16.02535
diffreligion	-.7667361	.907488	-0.84	0.398	-2.54538	1.011908
warage	-.1645743	.147482	-1.12	0.264	-.4536337	.1244851
lntimeatst~e	-.069099	.3673442	-0.19	0.851	-.7890805	.6508825
_cons	-7.391646	8.172884	-0.90	0.366	-23.4102	8.626912

1						
HCTrebels	-.2993655	.5152803	-0.58	0.561	-1.309296	.7105653
o_rebstren~h	-1.207076	.4501099	-2.68	0.007	-2.089275	-.3248768
demdum	-1.718947	1.057724	-1.63	0.104	-3.792047	.3541533
independen~C	-.9446741	.968736	-0.98	0.329	-2.843362	.9540136
transformC	-.4635101	.8859869	-0.52	0.601	-2.200013	1.272992
lnpop	.2454395	.2442527	1.00	0.315	-.233287	.7241661
lngdppc	.7441142	.4290353	1.73	0.083	-.0967795	1.585008
africa	-.0094583	.694024	-0.01	0.989	-1.36972	1.350804
diffreligion	-.2093801	.5754261	-0.36	0.716	-1.337194	.9184343
warage	-.0022054	.034264	-0.06	0.949	-.0693615	.0649507
lntimeatst~e	-.1708326	.2093726	-0.82	0.415	-.5811954	.2395302
_cons	-8.478183	4.863593	-1.74	0.081	-18.01065	1.054285

2	(base outcome)					

3						
HCTrebels	-1.985689	.6200171	-3.20	0.001	-3.200901	-.7704784
o_rebstren~h	.652594	.2784396	2.34	0.019	.1068623	1.198326
demdum	.3706521	.5337089	0.69	0.487	-.6753982	1.416702
independen~C	-.8144462	.4418115	-1.84	0.065	-1.680381	.0514885
transformC	-.7282784	.5133372	-1.42	0.156	-1.734401	.277844
lnpop	-.2325919	.1653217	-1.41	0.159	-.5566164	.0914326
lngdppc	-.0947259	.316859	-0.30	0.765	-.7157581	.5263063
africa	-.5933699	.3660657	-1.62	0.105	-1.310845	.1241056
diffreligion	1.279967	.4564166	2.80	0.005	.3854072	2.174528
warage	-.0640659	.0332157	-1.93	0.054	-.1291675	.0010356
lntimeatst~e	.4216749	.1757352	2.40	0.016	.0772403	.7661095

	_cons					
	-2.200888	3.243434	-0.68	0.497	-8.557902	4.156126

4						
HCTrebels	-14.96313	1.582645	-9.45	0.000	-18.06506	-11.8612
o_rebstren~h	.4036756	.4584675	0.88	0.379	-.4949043	1.302255
demdum	-15.99503	1.804049	-8.87	0.000	-19.5309	-12.45916
independen~C	-.9290894	.6565686	-1.42	0.157	-2.21594	.3577614
transformC	-.7076644	.6317163	-1.12	0.263	-1.945805	.5304767
lnpop	.4550889	.395564	1.15	0.250	-.3202024	1.23038
lngdppc	-.6313242	.7865903	-0.80	0.422	-2.173013	.9103646
africa	-.1682865	.9920072	-0.17	0.865	-2.112585	1.776012
diffreligion	-.4357373	1.254648	-0.35	0.728	-2.894803	2.023328
warage	.01476	.0339674	0.43	0.664	-.051815	.0813349
lntimeatst~e	-.116122	.268572	-0.43	0.665	-.6425135	.4102694
_cons	-1.694645	6.742919	-0.25	0.802	-14.91052	11.52123

.* /Install the spostado package of utilities for categorical and non-normal models written by J. Scott Long and Jeremy Freese. /*

. findit spostado

.* /table 3b predicted probabilities/*

. quietly prvalue, x(HCTrebels=0 lnpop=mean lngdppc=mean warage==mean) rest(median) save

. prvalue, x(HCTrebels=1 lnpop=mean lngdppc=mean warage=mean) rest(median) diff

mlogit: Change in Predictions for outcomeF

Confidence intervals by delta method

	Current	Saved	Change	95% CI for Change
Pr (y=0 x):	0.0628	0.0441	0.0188	[-0.0522, 0.0898]
Pr (y=1 x):	0.0164	0.0203	-0.0039	[-0.0223, 0.0145]
Pr (y=3 x):	0.0098	0.0658	-0.0559	[-0.1089, -0.0030]
Pr (y=4 x):	0.0000	0.0337	-0.0337	[-0.0845, 0.0172]
Pr (y=2 x):	0.9110	0.8362	0.0748	[-0.0144, 0.1640]

	HCTrebels	o_rebstren~h	demdum	independen~C	transformC
lnpop					
Current=	1	1	0	1	0
10.318821	7.697998	0			
Saved=	0	1	0	1	0
10.318821	7.697998	0			
Diff=	1	0	0	0	0
0	0	0			

	diffreligion	warage	lntimeatst~e
Current=	0	5.5583039	7.839112
Saved=	0	5.5583039	7.839112
Diff=	0	0	0

.* /to test significance levels of differences, play with confidence intervals, e.g.:/*

. prvalue, x(HCTrebels=1 lnpop=mean lngdppc=mean warage=mean) rest(median) diff level(96)

mlogit: Change in Predictions for outcomeF

Confidence intervals by delta method

	Current	Saved	Change	96% CI for Change	
Pr (y=0 x):	0.0628	0.0441	0.0188	[-0.0556,	0.0932]
Pr (y=1 x):	0.0164	0.0203	-0.0039	[-0.0232,	0.0154]
Pr (y=3 x):	0.0098	0.0658	-0.0559	[-0.1115,	-0.0004]
Pr (y=4 x):	0.0000	0.0337	-0.0337	[-0.0869,	0.0196]
Pr (y=2 x):	0.9110	0.8362	0.0748	[-0.0187,	0.1682]

	HCTrebels	o_rebstren~h	demdum	independen~C	transformC
lnpop	lngdppc	africa	diffreligion	warage	lntimeatst~e
Current=	1	1	0	1	0
10.318821	7.697998	0	0	5.5583039	7.839112
Saved=	0	1	0	1	0
10.318821	7.697998	0	0	5.5583039	7.839112
Diff=	1	0	0	0	0
0	0	0	0	0	0

. prvalue, x(HCTrebels=1 lnpop=mean lngdppc=mean warage=mean) rest(median) diff level(97)

mlogit: Change in Predictions for outcomeF

Confidence intervals by delta method

	Current	Saved	Change	97% CI for Change	
Pr (y=0 x):	0.0628	0.0441	0.0188	[-0.0599,	0.0974]
Pr (y=1 x):	0.0164	0.0203	-0.0039	[-0.0243,	0.0165]
Pr (y=3 x):	0.0098	0.0658	-0.0559	[-0.1146,	0.0027]
Pr (y=4 x):	0.0000	0.0337	-0.0337	[-0.0900,	0.0226]
Pr (y=2 x):	0.9110	0.8362	0.0748	[-0.0240,	0.1735]

	HCTrebels	o_rebstren~h	demdum	independen~C	transformC
lnpop	lngdppc	africa	diffreligion	warage	lntimeatst~e
Current=	1	1	0	1	0
10.318821	7.697998	0	0	5.5583039	7.839112
Saved=	0	1	0	1	0
10.318821	7.697998	0	0	5.5583039	7.839112
Diff=	1	0	0	0	0
0	0	0	0	0	0

. */above shows difference for agreements significant at 96% CI, but not 97%, i.e. p=.04)

. */robustness tests/*

. */conlflct cluster/*

. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion warage lntimeatstate if keepobs==1, cluster(conflictcluster) nolog baseoutcome(2)

Multinomial logistic regression	Number of obs	=	566
	Wald chi2(44)	=	5965.21
	Prob > chi2	=	0.0000
Log pseudolikelihood = -291.54355	Pseudo R2	=	0.1640

(Std. Err. adjusted for 74 clusters in conflictcluster)

| Robust

outcomeF	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
0						
HCTrebels	.2690975	.6096176	0.44	0.659	-.9257309	1.463926
o_rebstren~h	-.0216327	.4465376	-0.05	0.961	-.8968303	.8535649
demdum	-2.311268	.9531037	-2.42	0.015	-4.179317	-.443219
independen~C	-.329536	1.093863	-0.30	0.763	-2.473469	1.814397
transformC	-17.67942	1.300785	-13.59	0.000	-20.22891	-15.12993
lnpop	.1465091	.228331	0.64	0.521	-.3010114	.5940296
lngdppc	.6162811	.7003528	0.88	0.379	-.7563853	1.988947
africa	-17.45368	.668038	-26.13	0.000	-18.76301	-16.14435
diffreligion	-.7667361	.8313555	-0.92	0.356	-2.396163	.8626907
warage	-.1645743	.1406418	-1.17	0.242	-.4402272	.1110786
lntimeatst~e	-.069099	.3700782	-0.19	0.852	-.7944389	.6562409
_cons	-7.391646	7.746189	-0.95	0.340	-22.5739	7.790606
1						
HCTrebels	-.2993655	.4981961	-0.60	0.548	-1.275812	.6770809
o_rebstren~h	-1.207076	.4391585	-2.75	0.006	-2.067811	-.3463412
demdum	-1.718947	1.053064	-1.63	0.103	-3.782915	.3450217
independen~C	-.9446741	.9897823	-0.95	0.340	-2.884612	.9952636
transformC	-.4635101	.9178386	-0.51	0.614	-2.262441	1.33542
lnpop	.2454395	.2443284	1.00	0.315	-.2334354	.7243145
lngdppc	.7441142	.4392769	1.69	0.090	-.1168527	1.605081
africa	-.0094583	.6396751	-0.01	0.988	-1.263199	1.244282
diffreligion	-.2093801	.5983249	-0.35	0.726	-1.382075	.9633152
warage	-.0022054	.0374516	-0.06	0.953	-.0756092	.0711984
lntimeatst~e	-.1708326	.2084208	-0.82	0.412	-.5793298	.2376646
_cons	-8.478183	4.63305	-1.83	0.067	-17.55879	.6024273
2 (base outcome)						
3						
HCTrebels	-1.985689	.6193687	-3.21	0.001	-3.19963	-.7717492
o_rebstren~h	.652594	.271394	2.40	0.016	.1206715	1.184516
demdum	.3706521	.5523202	0.67	0.502	-.7118756	1.45318
independen~C	-.8144462	.4532304	-1.80	0.072	-1.702761	.0738691
transformC	-.7282784	.5229033	-1.39	0.164	-1.75315	.2965932
lnpop	-.2325919	.1641561	-1.42	0.157	-.5543319	.0891481
lngdppc	-.0947259	.3053944	-0.31	0.756	-.693288	.5038362
africa	-.5933699	.357437	-1.66	0.097	-1.293934	.1071937
diffreligion	1.279967	.4798401	2.67	0.008	.3394981	2.220437
warage	-.0640659	.0354239	-1.81	0.071	-.1334955	.0053637
lntimeatst~e	.4216749	.1844696	2.29	0.022	.0601211	.7832286
_cons	-2.200888	3.201487	-0.69	0.492	-8.475688	4.073911
4						
HCTrebels	-14.96313	1.458604	-10.26	0.000	-17.82194	-12.10432
o_rebstren~h	.4036756	.4804869	0.84	0.401	-.5380614	1.345413
demdum	-15.99503	1.746558	-9.16	0.000	-19.41822	-12.57184
independen~C	-.9290894	.6610245	-1.41	0.160	-2.224674	.3664948
transformC	-.7076644	.7114153	-0.99	0.320	-2.102013	.686684
lnpop	.4550889	.3884126	1.17	0.241	-.3061858	1.216363
lngdppc	-.6313242	.759584	-0.83	0.406	-2.120081	.8574331
africa	-.1682865	.7627749	-0.22	0.825	-1.663298	1.326725
diffreligion	-.4357373	1.1988	-0.36	0.716	-2.785342	1.913867
warage	.01476	.038497	0.38	0.701	-.0606927	.0902126
lntimeatst~e	-.116122	.2515467	-0.46	0.644	-.6091446	.3769005
_cons	-1.694645	6.515329	-0.26	0.795	-14.46445	11.07516

.* /mountains and outbidding/*

```
. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion warage lntimeatstate lnmtnest act2 if keepobs==1, cluster(js_country)
nolog baseoutcome(2)
```

```
Multinomial logistic regression           Number of obs   =           566
                                           Wald chi2(45)    =                .
                                           Prob > chi2      =                .
Log pseudolikelihood = -281.79937         Pseudo R2       =           0.1919
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

0						
HCTrebels	-.0009614	.643967	-0.00	0.999	-1.263113	1.261191
o_rebstren~h	-.1225928	.5726478	-0.21	0.830	-1.244962	.9997762
demdum	-2.121171	.9527989	-2.23	0.026	-3.988623	-.2537197
independen~C	-.5013164	1.428301	-0.35	0.726	-3.300734	2.298101
transformC	-17.3992	1.922566	-9.05	0.000	-21.16736	-13.63104
lnpop	.15745	.2541655	0.62	0.536	-.3407052	.6556052
lngdppc	-.1258732	.8677141	-0.15	0.885	-1.826562	1.574815
africa	-18.7819	1.628529	-11.53	0.000	-21.97376	-15.59004
diffreligion	-.8364897	1.072611	-0.78	0.435	-2.938768	1.265788
warage	-.3305179	.2220903	-1.49	0.137	-.7658069	.104771
lntimeatst~e	-.0547545	.4129453	-0.13	0.895	-.8641124	.7546035
lnmtnest	-1.036556	.4233917	-2.45	0.014	-1.866389	-.2067239
act2	-.0254075	1.034157	-0.02	0.980	-2.052318	2.001503
_cons	1.392584	9.348471	0.15	0.882	-16.93008	19.71525

1						
HCTrebels	-.3865762	.5102537	-0.76	0.449	-1.386655	.6135027
o_rebstren~h	-1.504282	.6436657	-2.34	0.019	-2.765843	-.2427201
demdum	-1.561676	1.126486	-1.39	0.166	-3.769548	.6461963
independen~C	-.7972889	1.06671	-0.75	0.455	-2.888003	1.293425
transformC	.0379299	.916925	0.04	0.967	-1.75921	1.83507
lnpop	.2739291	.2504661	1.09	0.274	-.2169755	.7648336
lngdppc	.5725978	.4542832	1.26	0.208	-.3177808	1.462976
africa	-.029403	.7155661	-0.04	0.967	-1.431887	1.373081
diffreligion	-.709336	.6387538	-1.11	0.267	-1.96127	.5425984
warage	.013441	.0263967	0.51	0.611	-.0382955	.0651776
lntimeatst~e	-.1823564	.167359	-1.09	0.276	-.5103741	.1456612
lnmtnest	-.5247393	.2615588	-2.01	0.045	-1.037385	-.0120934
act2	-1.014905	.5953316	-1.70	0.088	-2.181734	.1519231
_cons	-5.692554	5.886191	-0.97	0.333	-17.22928	5.844169

2	(base outcome)					

3						
HCTrebels	-1.987573	.6220705	-3.20	0.001	-3.206809	-.7683377
o_rebstren~h	.6501285	.290212	2.24	0.025	.0813234	1.218934
demdum	.3530498	.5337192	0.66	0.508	-.6930205	1.39912
independen~C	-.7651338	.4691547	-1.63	0.103	-1.68466	.1543924
transformC	-.6355649	.5433572	-1.17	0.242	-1.700525	.4293956
lnpop	-.2394572	.1600672	-1.50	0.135	-.5531832	.0742687
lngdppc	-.1206078	.2975915	-0.41	0.685	-.7038764	.4626608
africa	-.6653439	.3883158	-1.71	0.087	-1.426429	.0957411
diffreligion	1.270203	.4459472	2.85	0.004	.3961624	2.144243
warage	-.0638038	.0327449	-1.95	0.051	-.1279825	.000375

```

lntimeatst~e |   .4106432   .1803729    2.28   0.023   .0571189   .7641675
  lnmtnest |  -.0472504   .1309906   -0.36   0.718   -.3039872   .2094864
    act2 |  -.0515899   .3306513   -0.16   0.876   -.6996545   .5964747
  _cons |  -1.719577   3.202998   -0.54   0.591   -7.997338   4.558185
-----
4
  HCTrebels |  -13.3296    1.409813   -9.45   0.000   -16.09279  -10.56642
o_rebstren~h |   .8396861    .3460049    2.43   0.015    .161529    1.517843
  demdum | -14.59709    1.782757   -8.19   0.000   -18.09123  -11.10295
independen~C |  -1.02395    .5896038   -1.74   0.082   -2.179552    .1316522
  transformC | -1.528775    .5595388   -2.73   0.006   -2.625451  -1.4320989
  lnpop |   .4268372    .4899832    0.87   0.384   -.5335122    1.387187
  lngdppc |  -.0647807    .8361547   -0.08   0.938   -1.703614    1.574052
  africa |   .1194925    .7365948    0.16   0.871   -1.324207    1.563192
diffreligion |  -.4086863    .8730344   -0.47   0.640   -2.119802    1.30243
  warage |   .0371113    .0384761    0.96   0.335   -.0383006    .1125231
lntimeatst~e |  -.2089429    .3155546   -0.66   0.508   -.8274186    .4095327
  lnmtnest |   .5382397    .3163458    1.70   0.089   -.0817867    1.158266
    act2 |   1.30886    .626751    2.09   0.037    .0804505    2.537269
  _cons |  -7.582081    9.358816   -0.81   0.418   -25.92502   10.76086
-----

```

```

. */outcome changed/*

```

```

. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion warage lntimeatstate if keepobs==1 & outcomechanged~1,
cluster(js_country) nolog baseoutcome(2)

```

```

Multinomial logistic regression                 Number of obs   =      518
                                                Wald chi2(44)  = 18299.22
                                                Prob > chi2    =      0.0000
Log pseudolikelihood = -271.03659                Pseudo R2      =      0.1713

```

(Std. Err. adjusted for 48 clusters in js_countryid)

```

-----
      outcomeF |           Coef.   Robust      z     P>|z|      [95% Conf. Interval]
               |               Std. Err.
-----+-----
0
  HCTrebels |  -.1610158    .5878863   -0.27   0.784   -1.313252    .9912202
o_rebstren~h |  -.0223848    .4679431   -0.05   0.962   -.9395365    .8947669
  demdum |  -1.746262    .9361958   -1.87   0.062   -3.581172    .0886483
independen~C |  -.3325654    1.129042   -0.29   0.768   -2.545446    1.880316
  transformC | -16.01906    1.342505  -11.93   0.000  -18.65033   -13.3878
  lnpop |   .1461935    .2439543    0.60   0.549   -.3319481    .6243351
  lngdppc |   .5626444    .6852817    0.82   0.412   -.7804831    1.905772
  africa | -16.07893    .7606855  -21.14   0.000  -17.56984  -14.58801
diffreligion |  -.7829022    .9770736   -0.80   0.423   -2.697931    1.132127
  warage |   -.13974    .1307568   -1.07   0.285   -.3960185    .1165386
lntimeatst~e |  -.182432    .3354759   -0.54   0.587   -.8399526    .4750886
  _cons |  -6.277739    7.433559   -0.84   0.398  -20.84725    8.291769
-----
1
  HCTrebels |  -.2020582    .5406701   -0.37   0.709   -1.261752    .8576357
o_rebstren~h |  -1.076761    .4562252   -2.36   0.018   -1.970946   -1.1825761
  demdum |  -1.693433    1.054652   -1.61   0.108   -3.760513    .3736459
independen~C |  -.7577397    .9847476   -0.77   0.442   -2.68781    1.17233
  transformC |  -.3283778    .8835442   -0.37   0.710   -2.060093    1.403337
  lnpop |   .2247353    .2428108    0.93   0.355   -.2511651    .7006358
  lngdppc |   .6621559    .4459294    1.48   0.138   -.2118497    1.536162
  africa |   .010321    .6934609    0.01   0.988   -1.348837    1.369479

```

diffreligion		-.1558984	.5560351	-0.28	0.779	-1.245707	.9339104
warage		-.0043307	.0339656	-0.13	0.899	-.070902	.0622405
lntimeatst~e		-.1585807	.2211496	-0.72	0.473	-.5920261	.2748646
_cons		-7.899749	4.906749	-1.61	0.107	-17.5168	1.717302

2		(base outcome)					

3							
HCTrebels		-2.157834	.5489779	-3.93	0.000	-3.233811	-1.081858
o_rebstren~h		.7567832	.2679342	2.82	0.005	.2316418	1.281925
demdum		.4262821	.543738	0.78	0.433	-.6394248	1.491989
independen~C		-.8144654	.4461625	-1.83	0.068	-1.688928	.059997
transformC		-.9584725	.5689831	-1.68	0.092	-2.073659	.1567139
lnpop		-.2420256	.153	-1.58	0.114	-.5419001	.057849
lngdppc		-.1235267	.3117048	-0.40	0.692	-.734457	.4874035
africa		-.3938495	.3606604	-1.09	0.275	-1.100731	.3130319
diffreligion		1.733209	.485722	3.57	0.000	.7812115	2.685207
warage		-.0591791	.0327645	-1.81	0.071	-.1233964	.0050382
lntimeatst~e		.4786168	.2020824	2.37	0.018	.0825426	.8746911
_cons		-2.635129	3.111943	-0.85	0.397	-8.734426	3.464167

4							
HCTrebels		-13.37049	1.78647	-7.48	0.000	-16.87191	-9.869073
o_rebstren~h		.4213177	.4411414	0.96	0.340	-.4433035	1.285939
demdum		-14.60013	1.781493	-8.20	0.000	-18.09179	-11.10846
independen~C		-.7910271	.6376111	-1.24	0.215	-2.040722	.4586678
transformC		-.6151815	.5985718	-1.03	0.304	-1.788361	.5579976
lnpop		.4180975	.3858443	1.08	0.279	-.3381435	1.174339
lngdppc		-.7157395	.7867149	-0.91	0.363	-2.257672	.8261933
africa		-.0774526	.9809956	-0.08	0.937	-2.000169	1.845263
diffreligion		-.086457	1.120243	-0.08	0.938	-2.282093	2.109179
warage		.003156	.0341419	0.09	0.926	-.0637609	.070073
lntimeatst~e		-.0574211	.2751422	-0.21	0.835	-.5966899	.4818477
_cons		-1.231404	6.714465	-0.18	0.854	-14.39151	11.92871

```
. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion warage lntimeatstate if keepobs==1 & outcomechanged~2,
cluster(js_country) nolog baseoutcome(2)
```

```
Multinomial logistic regression              Number of obs   =          556
                                             Wald chi2(44)   =       10255.41
                                             Prob > chi2     =          0.0000
Log pseudolikelihood = -282.56544           Pseudo R2       =          0.1744
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeF		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
0						
HCTrebels		.2543514	.5901192	0.43	0.666	-.9022611 1.410964
o_rebstren~h		-.0200038	.4502388	-0.04	0.965	-.9024557 .862448
demdum		-2.299459	.9715585	-2.37	0.018	-4.203679 -.3952396
independen~C		-.3359309	1.163682	-0.29	0.773	-2.616706 1.944844
transformC		-16.4356	1.455065	-11.30	0.000	-19.28747 -13.58372
lnpop		.1458584	.2292998	0.64	0.525	-.3035608 .5952777
lngdppc		.6086188	.7398849	0.82	0.411	-.8415289 2.058767
africa		-16.2045	.733536	-22.09	0.000	-17.6422 -14.76679
diffreligion		-.7621354	.9150989	-0.83	0.405	-2.555696 1.031425
warage		-.1632554	.1520257	-1.07	0.283	-.4612202 .1347095

lntimeatst~e		-.0711012	.3695071	-0.19	0.847	-.7953219	.6531194
_cons		-7.305665	8.173081	-0.89	0.371	-23.32461	8.713279

1							
HCTrebels		-.2688414	.5173027	-0.52	0.603	-1.282736	.7450533
o_rebstren~h		-1.205766	.4491615	-2.68	0.007	-2.086107	-.3254258
demdum		-1.693837	1.035944	-1.64	0.102	-3.72425	.336576
independen~C		-.9662775	.9767404	-0.99	0.323	-2.880653	.9480985
transformC		-.5076294	.9239484	-0.55	0.583	-2.318535	1.303276
lnpop		.2501425	.2465412	1.01	0.310	-.2330694	.7333544
lngdppc		.7782099	.4630482	1.68	0.093	-.1293479	1.685768
africa		.0214017	.7079171	0.03	0.976	-1.36609	1.408894
diffreligion		-.1966903	.5647795	-0.35	0.728	-1.303638	.9102571
warage		.0007809	.0365395	0.02	0.983	-.0708353	.072397
lntimeatst~e		-.1701156	.2047219	-0.83	0.406	-.5713631	.2311319
_cons		-8.807597	5.103361	-1.73	0.084	-18.81	1.194806

2		(base outcome)					

3							
HCTrebels		-2.608192	.9082122	-2.87	0.004	-4.388255	-.8281284
o_rebstren~h		.6383132	.3113376	2.05	0.040	.0281026	1.248524
demdum		.2166868	.6137036	0.35	0.724	-.9861501	1.419524
independen~C		-.7919716	.4490096	-1.76	0.078	-1.672014	.088071
transformC		-.6494954	.4947958	-1.31	0.189	-1.619277	.3202866
lnpop		-.2260355	.1834802	-1.23	0.218	-.5856502	.1335792
lngdppc		-.1738881	.3114854	-0.56	0.577	-.7843883	.436612
africa		-.7365672	.371311	-1.98	0.047	-1.464323	-.0088111
diffreligion		1.228792	.4935335	2.49	0.013	.2614839	2.1961
warage		-.0919715	.039136	-2.35	0.019	-.1686766	-.0152663
lntimeatst~e		.4720279	.184364	2.56	0.010	.1106812	.8333746
_cons		-1.851499	3.358549	-0.55	0.581	-8.434134	4.731136

4							
HCTrebels		-13.81563	1.583602	-8.72	0.000	-16.91944	-10.71183
o_rebstren~h		.4019383	.4587509	0.88	0.381	-.497197	1.301074
demdum		-14.8289	1.806758	-8.21	0.000	-18.37008	-11.28772
independen~C		-.9299984	.6590632	-1.41	0.158	-2.221738	.3617417
transformC		-.7038362	.6308764	-1.12	0.265	-1.940331	.5326588
lnpop		.4533697	.3962345	1.14	0.253	-.3232356	1.229975
lngdppc		-.6458149	.7894245	-0.82	0.413	-2.193059	.9014288
africa		-.1891235	.9905663	-0.19	0.849	-2.130598	1.752351
diffreligion		-.4290162	1.252555	-0.34	0.732	-2.883979	2.025947
warage		.0129438	.0337326	0.38	0.701	-.0531708	.0790585
lntimeatst~e		-.1123573	.2688009	-0.42	0.676	-.6391974	.4144828
_cons		-1.579451	6.771954	-0.23	0.816	-14.85224	11.69333

```
. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion warage lntimeatstate if keepobs==1 & outcomechanged~=3,
cluster(js_country) nolog baseoutcome(2)
```

```
Multinomial logistic regression          Number of obs   =          560
                                         Wald chi2(44)   =       10377.53
                                         Prob > chi2     =          0.0000
Log pseudolikelihood = -285.40767        Pseudo R2       =          0.1656
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
----------	-------	------------------	---	------	----------------------

0						
HCTrebels	.2828694	.5944008	0.48	0.634	-.8821348	1.447874
o_rebstren~h	-.0231636	.4446888	-0.05	0.958	-.8947377	.8484105
demdum	-2.261143	1.014376	-2.23	0.026	-4.249282	-.2730026
independen~C	-.3425805	1.160731	-0.30	0.768	-2.617572	1.932411
transformC	-17.15309	1.438662	-11.92	0.000	-19.97282	-14.33336
lnpop	.1385908	.2279343	0.61	0.543	-.3081521	.5853337
lngdppc	.6218328	.7145879	0.87	0.384	-.7787339	2.022399
africa	-16.93568	.7328219	-23.11	0.000	-18.37199	-15.49938
diffreligion	-.7675756	.9010853	-0.85	0.394	-2.53367	.9985192
warage	-.1592135	.1533669	-1.04	0.299	-.4598071	.1413801
lntimeatst~e	-.0868295	.4190606	-0.21	0.836	-.9081731	.7345142
_cons	-7.248543	8.169607	-0.89	0.375	-23.26068	8.763593

1						
HCTrebels	-.398358	.5567879	-0.72	0.474	-1.489642	.6929262
o_rebstren~h	-1.222844	.4910532	-2.49	0.013	-2.18529	-.2603972
demdum	-1.922603	1.314335	-1.46	0.144	-4.498652	.6534466
independen~C	-.8288831	1.009085	-0.82	0.411	-2.806654	1.148888
transformC	-.207989	.9112664	-0.23	0.819	-1.994038	1.57806
lnpop	.1792178	.3033906	0.59	0.555	-.4154169	.7738525
lngdppc	.4189567	.4454127	0.94	0.347	-.4540363	1.29195
africa	-.2982462	.7189403	-0.41	0.678	-1.707343	1.110851
diffreligion	-.1160079	.6230373	-0.19	0.852	-1.337139	1.105123
warage	-.0339673	.0304053	-1.12	0.264	-.0935606	.0256261
lntimeatst~e	.1450488	.2470736	0.59	0.557	-.3392066	.6293041
_cons	-7.516563	6.328771	-1.19	0.235	-19.92073	4.887599

2		(base outcome)				

3						
HCTrebels	-2.015756	.6295336	-3.20	0.001	-3.249619	-.7818924
o_rebstren~h	.6880279	.2748079	2.50	0.012	.1494144	1.226642
demdum	.3640927	.5425462	0.67	0.502	-.6992783	1.427464
independen~C	-.872352	.4456706	-1.96	0.050	-1.74585	.0011462
transformC	-.86592	.5126761	-1.69	0.091	-1.870747	.1389066
lnpop	-.2107328	.1600469	-1.32	0.188	-.524419	.1029534
lngdppc	-.0502364	.3045204	-0.16	0.869	-.6470855	.5466127
africa	-.6148866	.3648419	-1.69	0.092	-1.329963	.1001903
diffreligion	1.311918	.4630923	2.83	0.005	.4042741	2.219562
warage	-.0626032	.0329629	-1.90	0.058	-.1272093	.0020028
lntimeatst~e	.4239528	.1760943	2.41	0.016	.0788144	.7690912
_cons	-2.770986	3.192088	-0.87	0.385	-9.027363	3.485392

4						
HCTrebels	-14.4863	1.569667	-9.23	0.000	-17.56279	-11.4098
o_rebstren~h	.3834151	.444449	0.86	0.388	-.4876888	1.254519
demdum	-15.46601	1.792124	-8.63	0.000	-18.97851	-11.95352
independen~C	-.9105468	.6530981	-1.39	0.163	-2.190596	.3695018
transformC	-.6376964	.5999319	-1.06	0.288	-1.813541	.5381486
lnpop	.4319768	.3941858	1.10	0.273	-.3406132	1.204567
lngdppc	-.6547266	.7860154	-0.83	0.405	-2.195289	.8858353
africa	-.1627019	.9760862	-0.17	0.868	-2.075796	1.750392
diffreligion	-.4511541	1.253027	-0.36	0.719	-2.907041	2.004733
warage	.0147589	.034058	0.43	0.665	-.0519935	.0815113
lntimeatst~e	-.1165057	.2569016	-0.45	0.650	-.6200235	.387012
_cons	-1.287125	6.818296	-0.19	0.850	-14.65074	12.07649

. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc

africa diffreligion warage lntimeatstate if keepobs==1 & outcomechanged==0,
cluster(js_country) nolog baseoutcome(2)

Multinomial logistic regression Number of obs = 502
 Wald chi2(43) = .
 Prob > chi2 = .
Log pseudolikelihood = -255.90293 Pseudo R2 = 0.1847

(Std. Err. adjusted for 47 clusters in js_countryid)

outcomeF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

0						
HCTrebels	-.1841244	.5824651	-0.32	0.752	-1.325735	.9574863
o_rebstren~h	-.0333459	.4593256	-0.07	0.942	-.9336076	.8669157
demdum	-1.614199	1.046599	-1.54	0.123	-3.665495	.437097
independen~C	-.3847705	1.141003	-0.34	0.736	-2.621095	1.851554
transformC	-16.6976	1.310432	-12.74	0.000	-19.266	-14.1292
lnpop	.1375625	.2440945	0.56	0.573	-.3408539	.6159789
lngdppc	.5881399	.6486174	0.91	0.365	-.6831268	1.859407
africa	-16.72381	.7731485	-21.63	0.000	-18.23915	-15.20847
diffreligion	-.7976828	.9874258	-0.81	0.419	-2.733002	1.137636
warage	-.1258685	.1440659	-0.87	0.382	-.4082325	.1564954
lntimeatst~e	-.2354498	.4167586	-0.56	0.572	-1.052282	.581382
_cons	-6.033931	7.295816	-0.83	0.408	-20.33347	8.265606

1						
HCTrebels	-.2486971	.5858821	-0.42	0.671	-1.397005	.8996106
o_rebstren~h	-1.056455	.5060279	-2.09	0.037	-2.048252	-.0646587
demdum	-1.863783	1.291165	-1.44	0.149	-4.39442	.6668536
independen~C	-.6148922	1.021938	-0.60	0.547	-2.617854	1.388069
transformC	-.0681819	.9023309	-0.08	0.940	-1.836718	1.700354
lnpop	.1492145	.2956675	0.50	0.614	-.430283	.7287121
lngdppc	.3289259	.4679518	0.70	0.482	-.5882427	1.246094
africa	-.2575752	.714212	-0.36	0.718	-1.657405	1.142255
diffreligion	-.027837	.5918224	-0.05	0.962	-1.187788	1.132114
warage	-.0367791	.0302763	-1.21	0.224	-.0961196	.0225615
lntimeatst~e	.1732303	.2700543	0.64	0.521	-.3560665	.702527
_cons	-6.952757	6.444486	-1.08	0.281	-19.58372	5.678203

2	(base outcome)					

3						
HCTrebels	-3.200404	1.072205	-2.98	0.003	-5.301888	-1.09892
o_rebstren~h	.7728507	.3102667	2.49	0.013	.1647393	1.380962
demdum	.3376565	.6130034	0.55	0.582	-.8638081	1.539121
independen~C	-.8818251	.4484431	-1.97	0.049	-1.760757	-.0028928
transformC	-1.070553	.5520094	-1.94	0.052	-2.152472	.0113656
lnpop	-.2077695	.177095	-1.17	0.241	-.5548694	.1393304
lngdppc	-.1574731	.286964	-0.55	0.583	-.7199123	.4049661
africa	-.5505733	.3572451	-1.54	0.123	-1.250761	.1496142
diffreligion	1.744788	.5324959	3.28	0.001	.7011153	2.788461
warage	-.0807718	.0371832	-2.17	0.030	-.1536497	-.007894
lntimeatst~e	.5172683	.2197578	2.35	0.019	.086551	.9479856
_cons	-2.822245	3.121182	-0.90	0.366	-8.93965	3.295159

4						
HCTrebels	-14.20273	1.785104	-7.96	0.000	-17.70147	-10.704
o_rebstren~h	.3907216	.427193	0.91	0.360	-.4465612	1.228004
demdum	-15.35871	1.778435	-8.64	0.000	-18.84437	-11.87304

independen~C		-.7654007	.6360544	-1.20	0.229	-2.012044	.4812429
transformC		-.5203821	.5717269	-0.91	0.363	-1.640946	.6001821
lnpop		.3871152	.3898128	0.99	0.321	-.3769038	1.151134
lngdppc		-.7624128	.7947869	-0.96	0.337	-2.320166	.7953408
africa		-.0891719	.9595784	-0.09	0.926	-1.969911	1.791567
diffreligion		-.1009749	1.122041	-0.09	0.928	-2.300134	2.098184
warage		.0014427	.0337203	0.04	0.966	-.0646478	.0675333
lntimeatst~e		-.0571426	.2618133	-0.22	0.827	-.5702874	.4560021
_cons		-.562022	6.939304	-0.08	0.935	-14.16281	13.03876

./alt ways to deal with pre 1989 start wars/*

```
. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion prel989start lntimeatstate if keepobs==1, cluster(js_country) nolog
baseoutcome(2)
```

```
Multinomial logistic regression          Number of obs   =          566
                                          Wald chi2(44)    =    15184.82
                                          Prob > chi2      =          0.0000
Log pseudolikelihood = -290.84691        Pseudo R2       =          0.1660
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

0						
HCTrebels	.3068938	.5982604	0.51	0.608	-.8656751	1.479463
o_rebstren~h	.066836	.4266508	0.16	0.876	-.7693842	.9030562
demdum	-2.293926	.9856794	-2.33	0.020	-4.225822	-.3620295
independen~C	-.552884	1.304385	-0.42	0.672	-3.109431	2.003663
transformC	-16.68524	1.685343	-9.90	0.000	-19.98845	-13.38203
lnpop	.1643816	.2294463	0.72	0.474	-.2853249	.6140882
lngdppc	.7552978	.8504346	0.89	0.374	-.9115235	2.422119
africa	-16.18387	.7726057	-20.95	0.000	-17.69815	-14.66959
diffreligion	-.8959067	.8861365	-1.01	0.312	-2.632702	.8408888
prel989start	-1.966951	1.709763	-1.15	0.250	-5.318025	1.384123
lntimeatst~e	-.0523233	.4320441	-0.12	0.904	-.8991141	.7944676
_cons	-8.613766	9.351765	-0.92	0.357	-26.94289	9.715357

1						
HCTrebels	-.2304144	.5341882	-0.43	0.666	-1.277404	.8165751
o_rebstren~h	-1.214115	.4407181	-2.75	0.006	-2.077907	-.3503238
demdum	-1.778936	1.030701	-1.73	0.084	-3.799073	.2412013
independen~C	-.8491107	1.018639	-0.83	0.405	-2.845607	1.147385
transformC	-.3212036	.901215	-0.36	0.722	-2.087553	1.445145
lnpop	.2747608	.2426439	1.13	0.257	-.2008125	.7503342
lngdppc	.7208574	.3824799	1.88	0.059	-.0287894	1.470504
africa	.0348727	.7051483	0.05	0.961	-1.347193	1.416938
diffreligion	-.1477529	.5362665	-0.28	0.783	-1.198816	.9033101
prel989start	.5578613	.8669709	0.64	0.520	-1.141371	2.257093
lntimeatst~e	-.2598467	.1966773	-1.32	0.186	-.6453271	.1256338
_cons	-8.291324	4.595549	-1.80	0.071	-17.29843	.7157875

2	(base outcome)					

3						
HCTrebels	-2.023606	.6332404	-3.20	0.001	-3.264735	-.7824781
o_rebstren~h	.7867073	.2864424	2.75	0.006	.2252904	1.348124
demdum	.2397286	.575263	0.42	0.677	-.8877661	1.367223

```

independen~C | -.9110841 .4352737 -2.09 0.036 -1.764205 -.0579634
  transformC | -.8499041 .5589814 -1.52 0.128 -1.945487 .2456792
    lnpop | -.1656627 .1653826 -1.00 0.316 -.4898067 .1584812
    lngdppc | .0960272 .3161845 0.30 0.761 -.523683 .7157374
    africa | -.4111481 .3733684 -1.10 0.271 -1.142937 .3206405
diffreligion | 1.186807 .4811687 2.47 0.014 .2437335 2.12988
pre1989start | -.935675 .5105597 -1.83 0.067 -1.936354 .0650037
lntimeatst~e | .4140647 .1877477 2.21 0.027 .046086 .7820433
  _cons | -4.267914 3.615988 -1.18 0.238 -11.35512 2.819292
-----

```

```

4
  HCTrebels | -13.34551 1.750411 -7.62 0.000 -16.77626 -9.914772
o_rebstren~h | .4715972 .4188792 1.13 0.260 -.349391 1.292585
  demdum | -14.0877 2.021443 -6.97 0.000 -18.04966 -10.12575
independen~C | -.8490835 .6971364 -1.22 0.223 -2.215446 .5172789
  transformC | -.6256687 .5144897 -1.22 0.224 -1.63405 .3827127
    lnpop | .3555273 .4529401 0.78 0.432 -.532219 1.243274
    lngdppc | -.766776 .9290322 -0.83 0.409 -2.587646 1.054094
    africa | -.1950881 .8528442 -0.23 0.819 -1.866632 1.476456
diffreligion | -.2762345 1.015386 -0.27 0.786 -2.266354 1.713885
pre1989start | 1.244364 .7111776 1.75 0.080 -.1495189 2.638246
lntimeatst~e | -.3339084 .1925281 -1.73 0.083 -.7112565 .0434397
  _cons | 1.201116 8.838914 0.14 0.892 -16.12284 18.52507
-----

```

```

. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion lntimeatstate, cluster(js_country) nolog baseoutcome(2)

```

```

Multinomial logistic regression          Number of obs   =      1015
                                         Wald chi2(40)    =     6343.97
                                         Prob > chi2      =       0.0000
Log pseudolikelihood = -347.29844        Pseudo R2       =       0.1377

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----
outcomeF |          Coef.      Robust
          |          Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----
0
  HCTrebels | .5455026   1.053922     0.52  0.605   -1.520147   2.611152
o_rebstren~h | .5506883   .5817151     0.95  0.344   -.5894523   1.690829
  demdum | -1.291612  1.055628    -1.22  0.221   -3.360606   .7773812
independen~C | -.1795375  .9159973    -0.20  0.845   -1.974859   1.615784
  transformC | -16.16931  .9226069   -17.53  0.000   -17.97758  -14.36103
    lnpop | .1640697  .3431755     0.48  0.633   -.508542   .8366814
    lngdppc | .3078893  .5601522     0.55  0.583   -.7899888   1.405767
    africa | -16.26625  .6880958   -23.64  0.000   -17.6149   -14.91761
diffreligion | -.4949932  1.264522    -0.39  0.695   -2.97341   1.983424
lntimeatst~e | -.3559578  .1335452    -2.67  0.008   -.6177016  -.0942141
  _cons | -5.264233  6.556237    -0.80  0.422  -18.11422   7.585756
-----

```

```

1
  HCTrebels | -.0224452  .528058    -0.04  0.966   -1.05742   1.012529
o_rebstren~h | -1.122903  .4852135   -2.31  0.021   -2.073904  -.1719019
  demdum | -1.676635  .892103    -1.88  0.060   -3.425124   .0718552
independen~C | -.8290815  1.029457   -0.81  0.421   -2.84678   1.188617
  transformC | .0810237  1.011664     0.08  0.936   -1.9018   2.063848
    lnpop | .3534926  .2309984     1.53  0.126   -.0992561   .8062412
    lngdppc | .6298101  .3389641     1.86  0.063   -.0345473   1.294168
    africa | .0290097  .7791244     0.04  0.970   -1.498046   1.556065
diffreligion | .1980824  .4086407     0.48  0.628   -.6028385   .9990034

```

lntimeatst~e		-.2243996	.2048536	-1.10	0.273	-.6259053	.177106
_cons		-9.586332	4.357571	-2.20	0.028	-18.12701	-1.045651

2		(base outcome)					

3							
HCTrebels		-1.725783	.6529344	-2.64	0.008	-3.005511	-.4460547
o_rebstren~h		1.011344	.2977447	3.40	0.001	.4277753	1.594913
demdum		.4539227	.515845	0.88	0.379	-.5571149	1.46496
independen~C		-.5590023	.5174513	-1.08	0.280	-1.573188	.4551835
transformC		-.5763253	.6689645	-0.86	0.389	-1.887472	.734821
lnpop		-.2670451	.1896212	-1.41	0.159	-.6386959	.1046056
lngdppc		.1562548	.3148425	0.50	0.620	-.4608252	.7733348
africa		-.0413021	.3728615	-0.11	0.912	-.7720972	.689493
diffreligion		1.269518	.5208962	2.44	0.015	.2485804	2.290456
lntimeatst~e		.1398853	.121196	1.15	0.248	-.0976546	.3774251
_cons		-3.363672	3.607142	-0.93	0.351	-10.43354	3.706197

4							
HCTrebels		-13.85683	1.531833	-9.05	0.000	-16.85917	-10.8545
o_rebstren~h		.7069872	.3675396	1.92	0.054	-.0133773	1.427352
demdum		-14.16597	1.219573	-11.62	0.000	-16.55629	-11.77565
independen~C		-1.081876	.6328008	-1.71	0.087	-2.322143	.1583909
transformC		-.5332267	.4475095	-1.19	0.233	-1.410329	.3438759
lnpop		.2941473	.4172869	0.70	0.481	-.52372	1.112015
lngdppc		-.8348595	.9369852	-0.89	0.373	-2.671317	1.001598
africa		-.2275774	.7776184	-0.29	0.770	-1.751682	1.296527
diffreligion		-.0096755	.7916202	-0.01	0.990	-1.561223	1.541872
lntimeatst~e		-.0929536	.3847694	-0.24	0.809	-.8470879	.6611807
_cons		.0853883	7.891092	0.01	0.991	-15.38087	15.55164

```
. mlogit outcomeF HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc
africa diffreligion lntimeatstate if pre1989start==0, cluster(js_country) nolog
baseoutcome(2)
```

```
Multinomial logistic regression      Number of obs   =      356
                                     Wald chi2(33)    =      .
                                     Prob > chi2      =      .
Log pseudolikelihood = -180.17181    Pseudo R2       =      0.2119
```

(Std. Err. adjusted for 37 clusters in js_countryid)

outcomeF		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
0						
HCTrebels		.2922784	.6215564	0.47	0.638	-.9259498 1.510507
o_rebstren~h		.017289	.4930598	0.04	0.972	-.9490905 .9836685
demdum		-2.276665	1.057325	-2.15	0.031	-4.348984 -.2043461
independen~C		-.0178636	1.848838	-0.01	0.992	-3.641519 3.605792
transformC		-16.90952	2.335586	-7.24	0.000	-21.48718 -12.33186
lnpop		.1361317	.2251813	0.60	0.545	-.3052155 .5774788
lngdppc		.7153923	.9817527	0.73	0.466	-1.208808 2.639592
africa		-16.23001	.9408672	-17.25	0.000	-18.07407 -14.38594
diffreligion		-.9978368	1.000854	-1.00	0.319	-2.959474 .9638001
lntimeatst~e		-.070897	.4318451	-0.16	0.870	-.9172979 .7755039
_cons		-8.23581	9.725759	-0.85	0.397	-27.29795 10.82633

1						
HCTrebels		-.1350021	.8173967	-0.17	0.869	-1.73707 1.467066

o_rebstren~h		-1.015402	.6743335	-1.51	0.132	-2.337071	.3062678
demdum		.2843049	2.036205	0.14	0.889	-3.706583	4.275193
independen~C		-3.808446	1.897126	-2.01	0.045	-7.526744	-.0901484
transformC		-.6395154	1.145917	-0.56	0.577	-2.885472	1.606441
lnpop		.1578259	.400649	0.39	0.694	-.6274317	.9430835
lngdppc		1.271664	.7589075	1.68	0.094	-.2157671	2.759095
africa		1.76729	1.773167	1.00	0.319	-1.708054	5.242634
diffreligion		.679864	.5860631	1.16	0.246	-.4687985	1.828526
lntimeatst~e		-.1772319	.2281715	-0.78	0.437	-.6244398	.269976
_cons		-12.50453	8.382668	-1.49	0.136	-28.93425	3.925201

2 | (base outcome)

3							
HCTrebels		-3.155539	1.33192	-2.37	0.018	-5.766054	-.5450235
o_rebstren~h		.6928963	.3437282	2.02	0.044	.0192015	1.366591
demdum		-.6039317	.7331908	-0.82	0.410	-2.040959	.8330958
independen~C		-.5459947	.6388357	-0.85	0.393	-1.79809	.7061002
transformC		-1.014451	.6993405	-1.45	0.147	-2.385134	.3562308
lnpop		-.0590566	.16929	-0.35	0.727	-.3908588	.2727456
lngdppc		-.3200757	.3912382	-0.82	0.413	-1.086888	.446737
africa		-.9025671	.5127782	-1.76	0.078	-1.907594	.1024598
diffreligion		1.050002	.7117381	1.48	0.140	-.3449789	2.444983
lntimeatst~e		.5970186	.2479853	2.41	0.016	.1109763	1.083061
_cons		-2.959828	4.333902	-0.68	0.495	-11.45412	5.534464

4							
HCTrebels		-15.0569	1.070455	-14.07	0.000	-17.15495	-12.95884
o_rebstren~h		1.702444	.5976269	2.85	0.004	.531117	2.873771
demdum		-14.34455	.9457726	-15.17	0.000	-16.19823	-12.49087
independen~C		-2.410239	.974389	-2.47	0.013	-4.320006	-.5004713
transformC		-1.775907	.8362771	-2.12	0.034	-3.41498	-.1368338
lnpop		.3344297	.234412	1.43	0.154	-.1250094	.7938689
lngdppc		.2951117	.6418204	0.46	0.646	-.9628332	1.553056
africa		-1.295593	.834511	-1.55	0.121	-2.931204	.3400184
diffreligion		1.313997	.8555284	1.54	0.125	-.3628081	2.990802
lntimeatst~e		-.224773	.3618848	-0.62	0.535	-.9340541	.4845081
_cons		-7.479492	5.498007	-1.36	0.174	-18.25539	3.296404

. ***/table 4/***

. ***/govt victory/***

. **stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=0)**

```

      id: VPFid
  failure event: outcomeF == 0
obs. time interval: (enddate2009[_n-1], enddate2009]
  exit on or before: failure
      t for analysis: (time-origin)
      origin: time startdate

```

1083 total obs.
68 ignored because VPFid missing

1015 obs. remaining, representing
104 subjects
9 failures in single failure-per-subject data

```

353840 total analysis time at risk, at risk from t = 0
          earliest observed entry t = 0
          last observed exit t = 20056

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=1, 3, 4) vce(cluster js_countryid)
nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 0     No. failed      =       9
Competing events: outcomeF == 1 3 4  No. competing   =      78
                                     No. censored    =      17

                                     Wald chi2(10)   =    3626.98
Log pseudolikelihood = -29.046213    Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	4.11956	2.523869	2.31	0.021	1.239818	13.68812
o_rebstren~h	.9423008	.3780369	-0.15	0.882	.4292401	2.068611
demdum	.1446413	.1510731	-1.85	0.064	.0186741	1.120326
independen~C	.878027	.9958193	-0.11	0.909	.0950852	8.107798
transformC	4.01e-08	5.91e-08	-11.56	0.000	2.23e-09	7.20e-07
lnpop	1.12952	.2992076	0.46	0.646	.6720662	1.898346
lngdppc	1.448186	1.015505	0.53	0.597	.366387	5.72412
africa	1.72e-10	1.38e-10	-27.99	0.000	3.56e-11	8.31e-10
diffreligion	.3525698	.3570539	-1.03	0.303	.0484415	2.566094
warage	.9520052	.0841929	-0.56	0.578	.8004998	1.132185

```

. */figure 5a/*

```

```

. stcurve, cif at1(HCTrebels=0, o_rebstrength=1, demdum=0, independenceC=1, transformC=0,
africa=0, diffreligion=0) at2(HCTrebels=1, o_rebstrength=1, demdum=0, independenceC=1,
transformC=0, africa=0, diffreligion=0) legend(off) title("Government Victory")
xtitle("Years at War (analysis time)") xtick(0 3652.5 7305 10957.5) xlabel(0 "0" 3652.5
"10" 7305 "20" 10957.5 "30")
note: label truncated to 80 characters
note: label truncated to 80 characters

```

```

. */for fig 5a-d, edit: background white, plot lines thicker, label T & ~T/*

```

```

. */robustness/*

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=1, 3, 4) vce(cluster conflictcluster)
nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)

```

origin: time startdate
id: VPFid

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 0    No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                   No. censored     =      17

                                   Wald chi2(10)    =    3440.99
Log pseudolikelihood = -29.046213   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 74 clusters in conflictcluster)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	4.11956	2.755305	2.12	0.034	1.110549	15.28143
o_rebstren~h	.9423008	.3821961	-0.15	0.884	.4255428	2.086584
demdum	.1446413	.1516062	-1.84	0.065	.0185397	1.128449
independen~C	.878027	.9947958	-0.11	0.909	.0953027	8.089295
transformC	4.01e-08	5.21e-08	-13.09	0.000	3.13e-09	5.13e-07
lnpop	1.12952	.3222783	0.43	0.669	.645693	1.975884
lngdppc	1.448186	.9775846	0.55	0.583	.3856814	5.437761
africa	1.72e-10	1.26e-10	-30.66	0.000	4.09e-11	7.24e-10
diffreligion	.3525698	.3289615	-1.12	0.264	.0566292	2.195077
warage	.9520052	.0811729	-0.58	0.564	.8054924	1.125167

.* /add mountains & outbidding/*

```

.stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeF=1, 3, 4) vce(cluster
js_countryid) nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 0    No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                   No. censored     =      17

                                   Wald chi2(12)    =    2507.63
Log pseudolikelihood = -27.017555   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	3.768734	2.280187	2.19	0.028	1.151318	12.3366
o_rebstren~h	.7092416	.3361952	-0.72	0.469	.2800961	1.795897
demdum	.1106609	.1368549	-1.78	0.075	.0098019	1.249337
independen~C	.658252	.6887883	-0.40	0.689	.0846649	5.117772
transformC	1.40e-09	2.59e-09	-11.01	0.000	3.70e-11	5.26e-08
lnpop	1.206418	.3378424	0.67	0.503	.6968339	2.088653
lngdppc	.8094607	.7047677	-0.24	0.808	.1469216	4.459701

Log pseudolikelihood = -32.614223 Prob > chi2 = 0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	4.211714	3.39518	1.78	0.074	.8675241 20.44731
o_rebstren~h	1.172875	.573718	0.33	0.744	.4496576 3.059296
demdum	.1986735	.200044	-1.61	0.108	.02761 1.429596
independen~C	1.040229	.9682075	0.04	0.966	.167827 6.447576
transformC	3.12e-08	3.27e-08	-16.52	0.000	4.02e-09 2.43e-07
lnpop	1.174444	.3563481	0.53	0.596	.6479805 2.128642
lngdppc	1.190473	.6218059	0.33	0.739	.4276822 3.313735
africa	5.05e-08	3.55e-08	-23.93	0.000	1.28e-08 2.00e-07
diffreligion	.4643576	.4701508	-0.76	0.449	.063831 3.378108

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion if pre1989start==0, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression No. of obs = 356
No. of subjects = 70
Failure event : outcomeF == 0 No. failed = 8
Competing events: outcomeF == 1 3 4 No. competing = 50
No. censored = 12

Log pseudolikelihood = -24.538826 Wald chi2(9) = 2367.67
Prob > chi2 = 0.0000

(Std. Err. adjusted for 37 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	3.008099	1.73742	1.91	0.057	.9697382 9.331033
o_rebstren~h	.8471989	.3502531	-0.40	0.688	.376771 1.904993
demdum	.1755207	.1898764	-1.61	0.108	.0210624 1.462679
independen~C	1.629251	2.549196	0.31	0.755	.075886 34.97956
transformC	2.66e-08	5.07e-08	-9.16	0.000	6.37e-10 1.11e-06
lnpop	1.11878	.2801969	0.45	0.654	.684798 1.827793
lngdppc	1.394306	1.139514	0.41	0.684	.2809978 6.918519
africa	6.01e-08	5.70e-08	-17.54	0.000	9.37e-09 3.85e-07
diffreligion	.3044468	.338537	-1.07	0.285	.0344348 2.691693

. ***/low activity/***

```
. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=1)
```

```
id: VPFid
failure event: outcomeF == 1
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
```


origin: time startdate

```
-----
1083 total obs.
  68 ignored because VPFid missing
-----
```

```
-----
1015 obs. remaining, representing
 104 subjects
   18 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t =      0
      earliest observed entry t =      0
      last observed exit t =      20056
-----
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression                No. of obs      =      566
                                           No. of subjects =      104
Failure event   : outcomeF == 1          No. failed      =       18
Competing events: outcomeF == 0 3 4      No. competing   =       69
                                           No. censored   =       17
```

```
                                           Wald chi2(10)   =       76.77
Log pseudolikelihood = -57.713373        Prob > chi2     =       0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		1.005954	.5419205	0.01	0.991	.349965 2.891555
o_rebstren~h		.2209868	.1015729	-3.28	0.001	.0897689 .5440099
demdum		.5098484	.4770343	-0.72	0.472	.0814748 3.1905
independen~C		.6442141	.6175946	-0.46	0.646	.0984014 4.217542
transformC		1.841085	1.58168	0.71	0.477	.3418257 9.916147
lnpop		1.126027	.2204389	0.61	0.544	.7672052 1.652669
lngdppc		2.000301	.773294	1.79	0.073	.9376271 4.26737
africa		1.355757	1.0314	0.40	0.689	.3052285 6.02197
diffreligion		.7269677	.4290293	-0.54	0.589	.2286481 2.311334
warage		1.23752	.0729394	3.62	0.000	1.10251 1.389063

. */figure 5b/*

```
. stcurve, cif at1(HCTrebels=0, o_rebstrength=1, demdum=0, independenceC=1, transformC=0,
africa=0, diffreligion=0) at2(HCTrebels=1, o_rebstrength=1, demdum=0, independenceC=1,
transformC=0, africa=0, diffreligion=0) legend(off) title("Low Activity") xtitle("Years at
War (analysis time)") xtick(0 3652.5 7305 10957.5) xlabel(0 "0" 3652.5 "10" 7305 "20"
10957.5 "30") yscale(range (0 .8)) ytick(0 .2 .4 .6 .8) ylabel(0 "0" .2 ".2" .4 ".4" .6
".6" .8 ".8")
```

note: label truncated to 80 characters

note: label truncated to 80 characters

. */robustness/*

. */cluster/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster conflictcluster)
nolog

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression No. of obs = 566
No. of subjects = 104
Failure event : outcomeF == 1 No. failed = 18
Competing events: outcomeF == 0 3 4 No. competing = 69
No. censored = 17
Wald chi2(10) = 50.01
Log pseudolikelihood = -57.713373 Prob > chi2 = 0.0000

(Std. Err. adjusted for 74 clusters in conflictcluster)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		1.005954	.5221585	0.01	0.991	.3637026	2.782336
o_rebstren~h		.2209868	.1015188	-3.29	0.001	.089812	.5437492
demdum		.5098484	.4804185	-0.71	0.475	.0804217	3.232279
independen~C		.6442141	.6517056	-0.43	0.664	.0887014	4.678755
transformC		1.841085	1.664561	0.68	0.500	.3129578	10.83083
lnpop		1.126027	.2217272	0.60	0.547	.7654868	1.656379
lngdppc		2.000301	.8151483	1.70	0.089	.8999526	4.446015
africa		1.355757	1.001537	0.41	0.680	.3186947	5.767516
diffreligion		.7269677	.4030529	-0.58	0.565	.2452354	2.154999
warage		1.23752	.0684739	3.85	0.000	1.110335	1.379274

. */add mountains & outbidding/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster
js_countryid) nolog

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression No. of obs = 566
No. of subjects = 104
Failure event : outcomeF == 1 No. failed = 18
Competing events: outcomeF == 0 3 4 No. competing = 69
No. censored = 17
Wald chi2(12) = 61.50
Log pseudolikelihood = -54.033388 Prob > chi2 = 0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.003813	.4814833	0.01	0.994	.3920759	2.570013
o_rebstren~h	.1411629	.1032612	-2.68	0.007	.0336561	.5920764
demdum	.4648233	.4642833	-0.77	0.443	.0656259	3.292309
independen~C	.7827386	.7887055	-0.24	0.808	.1086241	5.640364
transformC	2.674845	2.317008	1.14	0.256	.4897448	14.60924
lnpop	1.176162	.2146968	0.89	0.374	.8224106	1.682076
lngdppc	1.660656	.7148765	1.18	0.239	.7142592	3.861033
africa	1.720179	1.259287	0.74	0.459	.4096727	7.222879
diffreligion	.4334668	.2462531	-1.47	0.141	.1423597	1.31985
warage	1.246012	.0775296	3.53	0.000	1.102957	1.407621
lnmtnest	.5734416	.1407509	-2.27	0.023	.3544559	.9277185
act2	.3236751	.2188776	-1.67	0.095	.0860012	1.218188

. */alt for pre 1989 start/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion pre1989start if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid) nolog

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 1	No. failed	=	18
Competing events: outcomeF == 0 3 4	No. competing	=	69
	No. censored	=	17
	Wald chi2(10)	=	63.18
Log pseudolikelihood = -59.137748	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.000507	.5259116	0.00	0.999	.3571	2.803174
o_rebstren~h	.1927477	.0939789	-3.38	0.001	.074125	.5012027
demdum	.5092995	.46952	-0.73	0.464	.0836096	3.102348
independen~C	.7288532	.7592191	-0.30	0.761	.0946183	5.614419
transformC	1.831075	1.606542	0.69	0.491	.3280062	10.22187
lnpop	1.099576	.2104858	0.50	0.620	.7555869	1.60017
lngdppc	2.016609	.7937625	1.78	0.075	.9323478	4.361795
africa	1.305159	1.012115	0.34	0.731	.2854828	5.966872
diffreligion	.6804461	.4184045	-0.63	0.531	.2038882	2.270886
pre1989start	5.209735	3.051627	2.82	0.005	1.6528	16.42143

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion, compete(outcomeF=0, 3, 4) vce(cluster js_countryid) nolog

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

Competing-risks regression          No. of obs      =      1015
                                   No. of subjects =      104
Failure event   : outcomeF == 1    No. failed      =       18
Competing events: outcomeF == 0 3 4 No. competing   =       69
                                   No. censored     =       17

                                   Wald chi2(9)      =      40.05
Log pseudolikelihood = -68.799054  Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_____t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.45223	.6890252	0.79	0.432	.5730261	3.680413
o_rebstren~h	.232971	.1067966	-3.18	0.001	.094864	.5721401
demdum	.2741886	.2220263	-1.60	0.110	.0560767	1.340653
independen~C	.6352497	.6816275	-0.42	0.672	.0775531	5.203432
transformC	1.827701	1.905136	0.58	0.563	.2369411	14.0984
lnpop	1.288929	.2178694	1.50	0.133	.925442	1.795183
lngdppc	1.779606	.6072197	1.69	0.091	.9117699	3.473461
africa	1.304401	1.025227	0.34	0.735	.2795041	6.087433
diffreligion	.882928	.3925016	-0.28	0.779	.3694261	2.110197

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion if pre1989start==0, compete(outcomeF=0, 3, 4) vce(cluster js_countryid) nolog

```

```

failure_d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      356
                                   No. of subjects =       70
Failure event   : outcomeF == 1    No. failed      =       12
Competing events: outcomeF == 0 3 4 No. competing   =       46
                                   No. censored     =       12

                                   Wald chi2(9)      =      36.56
Log pseudolikelihood = -37.021508  Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 37 clusters in js_countryid)

_____t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.30103	.8802107	0.39	0.697	.3454679	4.899672
o_rebstren~h	.3468988	.2318828	-1.58	0.113	.0935882	1.285832
demdum	2.611008	5.043437	0.50	0.619	.0592411	115.0783
independen~C	.0333542	.061409	-1.85	0.065	.0009036	1.231154
transformC	1.390101	1.649695	0.28	0.781	.1357962	14.23001
lnpop	1.360788	.5013203	0.84	0.403	.6610039	2.801411
lngdppc	5.74033	5.203951	1.93	0.054	.9711178	33.9314
africa	22.08922	44.39702	1.54	0.124	.429887	1135.028
diffreligion	1.429935	.83781	0.61	0.542	.4535138	4.508602

```

. */outcomechanged /*

```

```

. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=1)

```

```

id: VPFid
failure event: outcomeF == 1
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
origin: time startdate

```

```

-----
1083 total obs.
68 ignored because VPFid missing
-----

```

```

1015 obs. remaining, representing
104 subjects
18 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~1, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      518
                                     No. of subjects =      99
Failure event   : outcomeF == 1     No. failed      =      18
Competing events: outcomeF == 0 3 4 No. competing    =      64
                                     No. censored    =      17

                                     Wald chi2(10)   =      71.90
Log pseudolikelihood = -57.122916   Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 48 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		1.084973	.6192576	0.14	0.886	.3544775	3.320852
o_rebstren~h		.2438851	.1118779	-3.08	0.002	.0992458	.5993199
demdum		.5100197	.4817559	-0.71	0.476	.080086	3.24801
independen~C		.730539	.700292	-0.33	0.743	.1116053	4.781918
transformC		2.01475	1.717039	0.82	0.411	.3791389	10.70641
lnpop		1.113185	.2178759	0.55	0.584	.7585208	1.63368
lngdppc		1.877738	.7309712	1.62	0.106	.875542	4.027107
africa		1.369862	1.015198	0.42	0.671	.3205203	5.854611
diffreligion		.7350653	.4241915	-0.53	0.594	.2371999	2.277914
warage		1.22702	.0714618	3.51	0.000	1.094656	1.37539

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~2, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                No. of obs      =      556
                                           No. of subjects =      102
Failure event   : outcomeF == 1          No. failed      =       18
Competing events: outcomeF == 0 3 4      No. competing   =       67
                                           No. censored    =       17

```

```

Log pseudolikelihood = -56.67902          Wald chi2(10)   =      74.42
                                           Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.061099	.565577	0.11	0.911	.3732986	3.016167
o_rebstren~h	.2089052	.0987631	-3.31	0.001	.0827048	.5276764
demdum	.573562	.4872912	-0.65	0.513	.1084951	3.03215
independen~C	.5960483	.5899301	-0.52	0.601	.0856677	4.147111
transformC	1.659866	1.582783	0.53	0.595	.2560945	10.75835
lnpop	1.131172	.2339574	0.60	0.551	.754183	1.696604
lngdppc	2.266042	1.028598	1.80	0.072	.9308765	5.516248
africa	1.453748	1.148212	0.47	0.636	.3091618	6.83585
diffreligion	.796887	.4569752	-0.40	0.692	.2589851	2.45199
warage	1.285613	.0803631	4.02	0.000	1.137371	1.453177

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~3, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                No. of obs      =      560
                                           No. of subjects =      102
Failure event   : outcomeF == 1          No. failed      =       17
Competing events: outcomeF == 0 3 4      No. competing   =       68
                                           No. censored    =       17

```

```

Log pseudolikelihood = -54.138007          Wald chi2(10)   =      91.41
                                           Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.9182136	.5254497	-0.15	0.881	.2991175	2.818679
o_rebstren~h	.2187624	.1027467	-3.24	0.001	.0871338	.5492358
demdum	.4030409	.4439359	-0.83	0.409	.046535	3.490751
independen~C	.7534149	.7249607	-0.29	0.769	.1142826	4.966934
transformC	2.404736	2.067362	1.02	0.307	.4459495	12.96729
lnpop	1.108089	.2463236	0.46	0.644	.7167308	1.713141
lngdppc	1.564505	.5639057	1.24	0.214	.7719196	3.170893
africa	1.116491	.8369076	0.15	0.883	.2569244	4.851826
diffreligion	.7455094	.4579192	-0.48	0.633	.2236731	2.484805
warage	1.242083	.0722675	3.73	0.000	1.108218	1.392116

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      502
                                     No. of subjects =      95
Failure event      : outcomeF == 1  No. failed      =      17
Competing events: outcomeF == 0 3 4 No. competing   =      61
                                     No. censored    =      17

Log pseudolikelihood = -52.901207    Wald chi2(10)   =      82.53
                                     Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 47 clusters in js_countryid)

_____		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	_____
HCTrebels		1.056348	.6357094	0.09	0.927	.3247542	3.436049
o_rebstren~h		.2351861	.1116721	-3.05	0.002	.0927343	.5964621
demdum		.4636127	.4617597	-0.77	0.440	.0658197	3.265538
independen~C		.8284058	.8015629	-0.19	0.846	.1243435	5.519035
transformC		2.484949	2.250636	1.01	0.315	.4210932	14.66415
lnpop		1.078747	.2308021	0.35	0.723	.709254	1.640731
lngdppc		1.588201	.6278225	1.17	0.242	.73185	3.446585
africa		1.21677	.9067654	0.26	0.792	.2824058	5.242563
diffreligion		.8142414	.4774674	-0.35	0.726	.2579957	2.569768
warage		1.260921	.0826892	3.54	0.000	1.108836	1.433865

```
. */robustness/*
```

```
. */cluster/*
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster conflictcluster)
nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =     104
Failure event      : outcomeF == 1  No. failed      =      18
Competing events: outcomeF == 0 3 4 No. competing   =      69
                                     No. censored    =      17

Log pseudolikelihood = -57.713373    Wald chi2(10)   =      50.01
                                     Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 74 clusters in conflictcluster)

_____		Robust	_____
-------	--	--------	-------

_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.005954	.5221585	0.01	0.991	.3637026	2.782336
o_rebstren~h	.2209868	.1015188	-3.29	0.001	.089812	.5437492
demdum	.5098484	.4804185	-0.71	0.475	.0804217	3.232279
independen~C	.6442141	.6517056	-0.43	0.664	.0887014	4.678755
transformC	1.841085	1.664561	0.68	0.500	.3129578	10.83083
lnpop	1.126027	.2217272	0.60	0.547	.7654868	1.656379
lngdppc	2.000301	.8151483	1.70	0.089	.8999526	4.446015
africa	1.355757	1.001537	0.41	0.680	.3186947	5.767516
diffreligion	.7269677	.4030529	-0.58	0.565	.2452354	2.154999
warage	1.23752	.0684739	3.85	0.000	1.110335	1.379274

.* /add mountains & outbidding/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster
js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 1	No. failed	=	18
Competing events: outcomeF == 0 3 4	No. competing	=	69
	No. censored	=	17
	Wald chi2(12)	=	61.50
Log pseudolikelihood = -54.033388	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.003813	.4814833	0.01	0.994	.3920759	2.570013
o_rebstren~h	.1411629	.1032612	-2.68	0.007	.0336561	.5920764
demdum	.4648233	.4642833	-0.77	0.443	.0656259	3.292309
independen~C	.7827386	.7887055	-0.24	0.808	.1086241	5.640364
transformC	2.674845	2.317008	1.14	0.256	.4897448	14.60924
lnpop	1.176162	.2146968	0.89	0.374	.8224106	1.682076
lngdppc	1.660656	.7148765	1.18	0.239	.7142592	3.861033
africa	1.720179	1.259287	0.74	0.459	.4096727	7.222879
diffreligion	.4334668	.2462531	-1.47	0.141	.1423597	1.31985
warage	1.246012	.0775296	3.53	0.000	1.102957	1.407621
lnmtnest	.5734416	.1407509	-2.27	0.023	.3544559	.9277185
act2	.3236751	.2188776	-1.67	0.095	.0860012	1.218188

.* /alt for pre 1989 start/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion prel989start if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster
js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
```


origin: time startdate
id: VPFid

```
Competing-risks regression      No. of obs      =      566
                               No. of subjects   =      104
Failure event   : outcomeF == 1 No. failed      =      18
Competing events: outcomeF == 0 3 4 No. competing   =      69
                               No. censored     =      17

                               Wald chi2(10)    =      63.18
Log pseudolikelihood = -59.137748           Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.000507	.5259116	0.00	0.999	.3571	2.803174
o_rebstren~h	.1927477	.0939789	-3.38	0.001	.074125	.5012027
demdum	.5092995	.46952	-0.73	0.464	.0836096	3.102348
independen~C	.7288532	.7592191	-0.30	0.761	.0946183	5.614419
transformC	1.831075	1.606542	0.69	0.491	.3280062	10.22187
lnpop	1.099576	.2104858	0.50	0.620	.7555869	1.60017
lngdppc	2.016609	.7937625	1.78	0.075	.9323478	4.361795
africa	1.305159	1.012115	0.34	0.731	.2854828	5.966872
diffreligion	.6804461	.4184045	-0.63	0.531	.2038882	2.270886
pre1989start	5.209735	3.051627	2.82	0.005	1.6528	16.42143

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=0, 3, 4) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =     1015
                               No. of subjects   =      104
Failure event   : outcomeF == 1 No. failed      =      18
Competing events: outcomeF == 0 3 4 No. competing   =      69
                               No. censored     =      17

                               Wald chi2(9)     =      40.05
Log pseudolikelihood = -68.799054           Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.45223	.6890252	0.79	0.432	.5730261	3.680413
o_rebstren~h	.232971	.1067966	-3.18	0.001	.094864	.5721401
demdum	.2741886	.2220263	-1.60	0.110	.0560767	1.340653
independen~C	.6352497	.6816275	-0.42	0.672	.0775531	5.203432
transformC	1.827701	1.905136	0.58	0.563	.2369411	14.0984
lnpop	1.288929	.2178694	1.50	0.133	.925442	1.795183
lngdppc	1.779606	.6072197	1.69	0.091	.9117699	3.473461
africa	1.304401	1.025227	0.34	0.735	.2795041	6.087433
diffreligion	.882928	.3925016	-0.28	0.779	.3694261	2.110197

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion if pre1989start==0, compete(outcomeF=0, 3, 4) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      356
                                     No. of subjects =      70
Failure event   : outcomeF == 1    No. failed      =      12
Competing events: outcomeF == 0 3 4 No. competing   =      46
                                     No. censored   =      12
```

```
Log pseudolikelihood = -37.021508      Wald chi2(9)    =      36.56
                                     Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 37 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		1.30103	.8802107	0.39	0.697	.3454679	4.899672
o_rebstren~h		.3468988	.2318828	-1.58	0.113	.0935882	1.285832
demdum		2.611008	5.043437	0.50	0.619	.0592411	115.0783
independen~C		.0333542	.061409	-1.85	0.065	.0009036	1.231154
transformC		1.390101	1.649695	0.28	0.781	.1357962	14.23001
lnpop		1.360788	.5013203	0.84	0.403	.6610039	2.801411
lngdppc		5.74033	5.203951	1.93	0.054	.9711178	33.9314
africa		22.08922	44.39702	1.54	0.124	.429887	1135.028
diffreligion		1.429935	.83781	0.61	0.542	.4535138	4.508602

```
. */outcomechanged /*
```

```
. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=1)
```

```
id: VPFid
failure event: outcomeF == 1
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
origin: time startdate
```

```
-----
1083 total obs.
68 ignored because VPFid missing
-----
```

```
1015 obs. remaining, representing
104 subjects
18 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~1, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
```

origin: time startdate
id: VPFid

```
Competing-risks regression      No. of obs      =      518
                               No. of subjects   =      99
Failure event   : outcomeF == 1   No. failed      =      18
Competing events: outcomeF == 0 3 4 No. competing    =      64
                               No. censored     =      17

                               Wald chi2(10)     =      71.90
Log pseudolikelihood = -57.122916   Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.084973	.6192576	0.14	0.886	.3544775	3.320852
o_rebstren~h	.2438851	.1118779	-3.08	0.002	.0992458	.5993199
demdum	.5100197	.4817559	-0.71	0.476	.080086	3.24801
independen~C	.730539	.700292	-0.33	0.743	.1116053	4.781918
transformC	2.01475	1.717039	0.82	0.411	.3791389	10.70641
lnpop	1.113185	.2178759	0.55	0.584	.7585208	1.63368
lngdppc	1.877738	.7309712	1.62	0.106	.875542	4.027107
africa	1.369862	1.015198	0.42	0.671	.3205203	5.854611
diffreligion	.7350653	.4241915	-0.53	0.594	.2371999	2.277914
warage	1.22702	.0714618	3.51	0.000	1.094656	1.37539

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~=2, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog
```

```
failure_d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      556
                               No. of subjects   =     102
Failure event   : outcomeF == 1   No. failed      =      18
Competing events: outcomeF == 0 3 4 No. competing    =      67
                               No. censored     =      17

                               Wald chi2(10)     =      74.42
Log pseudolikelihood = -56.67902   Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.061099	.565577	0.11	0.911	.3732986	3.016167
o_rebstren~h	.2089052	.0987631	-3.31	0.001	.0827048	.5276764
demdum	.573562	.4872912	-0.65	0.513	.1084951	3.03215
independen~C	.5960483	.5899301	-0.52	0.601	.0856677	4.147111
transformC	1.659866	1.582783	0.53	0.595	.2560945	10.75835
lnpop	1.131172	.2339574	0.60	0.551	.754183	1.696604
lngdppc	2.266042	1.028598	1.80	0.072	.9308765	5.516248
africa	1.453748	1.148212	0.47	0.636	.3091618	6.83585
diffreligion	.796887	.4569752	-0.40	0.692	.2589851	2.45199

```
warage | 1.285613 .0803631 4.02 0.000 1.137371 1.453177
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~3, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs          =          560
                                     No. of subjects    =          102
Failure event   : outcomeF == 1     No. failed          =           17
Competing events: outcomeF == 0 3 4 No. competing       =           68
                                     No. censored       =           17

                                     Wald chi2(10)      =           91.41
Log pseudolikelihood = -54.138007    Prob > chi2        =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		.9182136	.5254497	-0.15	0.881	.2991175	2.818679
o_rebstren~h		.2187624	.1027467	-3.24	0.001	.0871338	.5492358
demdum		.4030409	.4439359	-0.83	0.409	.046535	3.490751
independen~C		.7534149	.7249607	-0.29	0.769	.1142826	4.966934
transformC		2.404736	2.067362	1.02	0.307	.4459495	12.96729
lnpop		1.108089	.2463236	0.46	0.644	.7167308	1.713141
lngdppc		1.564505	.5639057	1.24	0.214	.7719196	3.170893
africa		1.116491	.8369076	0.15	0.883	.2569244	4.851826
diffreligion		.7455094	.4579192	-0.48	0.633	.2236731	2.484805
warage		1.242083	.0722675	3.73	0.000	1.108218	1.392116

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeF=0, 3, 4)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs          =          502
                                     No. of subjects    =           95
Failure event   : outcomeF == 1     No. failed          =           17
Competing events: outcomeF == 0 3 4 No. competing       =           61
                                     No. censored       =           17

                                     Wald chi2(10)      =           82.53
Log pseudolikelihood = -52.901207    Prob > chi2        =           0.0000
```

(Std. Err. adjusted for 47 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
--	----	-----	------------------	---	------	----------------------	--

HCTrebels		1.056348	.6357094	0.09	0.927	.3247542	3.436049
o_rebstren~h		.2351861	.1116721	-3.05	0.002	.0927343	.5964621
demdum		.4636127	.4617597	-0.77	0.440	.0658197	3.265538
independen~C		.8284058	.8015629	-0.19	0.846	.1243435	5.519035
transformC		2.484949	2.250636	1.01	0.315	.4210932	14.66415
lnpop		1.078747	.2308021	0.35	0.723	.709254	1.640731
lngdppc		1.588201	.6278225	1.17	0.242	.73185	3.446585
africa		1.21677	.9067654	0.26	0.792	.2824058	5.242563
diffreligion		.8142414	.4774674	-0.35	0.726	.2579957	2.569768
warage		1.260921	.0826892	3.54	0.000	1.108836	1.433865

. */agreement/*

. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=3)

```

      id: VPFid
      failure event: outcomeF == 3
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
      origin: time startdate

```

1083 total obs.
68 ignored because VPFid missing

1015 obs. remaining, representing
104 subjects
44 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
nolog

```

      failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
      origin: time startdate
      id: VPFid

```

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 3	No. failed	=	44
Competing events: outcomeF == 0 1 4	No. competing	=	43
	No. censored	=	17

Log pseudolikelihood = -151.39364	Wald chi2(10)	=	31.61
	Prob > chi2	=	0.0005

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
		SHR	Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.1968298	.1261292	-2.54	0.011	.056058 .6911048
o_rebstren~h		1.509101	.4257787	1.46	0.145	.8680802 2.623475

demdum		2.121782	1.03709	1.54	0.124	.8140449	5.530358
independen~C		.7899467	.3890644	-0.48	0.632	.3008598	2.074108
transformC		.7529527	.4110973	-0.52	0.603	.2582429	2.195366
lnpop		.7503641	.1159049	-1.86	0.063	.5543593	1.01567
lngdppc		.8499775	.2741646	-0.50	0.614	.4516978	1.599436
africa		.8249259	.3780332	-0.42	0.674	.336001	2.0253
diffreligion		3.508702	1.863521	2.36	0.018	1.238971	9.93646
warage		1.183765	.0480048	4.16	0.000	1.093319	1.281693

```

. */figure 5c/*
. stcurve, cif at1(HCTrebels=0, o_rebstrength=1, demdum=0, independenceC=1, transformC=0, africa=0, diffreligion=0) at2(HCTrebels=1, o_rebstrength=1, demdum=0, independenceC=1, transformC=0, africa=0, diffreligion=0) legend(off) title("Agreement") xtitle("Years at War (analysis time)") xtick(0 3652.5 7305 10957.5) xlabel(0 "0" 3652.5 "10" 7305 "20" 10957.5 "30") yscale(range (0 .8)) ytick(0 .2 .4 .6 .8) ylabel(0 "0" .2 ".2" .4 ".4" .6 ".6" .8 ".8")

```

note: label truncated to 80 characters
note: label truncated to 80 characters

```

. */robustness/*

```

```

. */cluster/*

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster conflictcluster) nolog

```

```

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 3     No. failed      =       44
Competing events: outcomeF == 0 1 4  No. competing   =       43
                                     No. censored   =       17

                                     Wald chi2(10)   =      29.24
Log pseudolikelihood = -151.39364    Prob > chi2     =      0.0011

```

(Std. Err. adjusted for 74 clusters in conflictcluster)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.1968298	.1248847	-2.56	0.010	.0567571 .6825926
o_rebstren~h		1.509101	.454553	1.37	0.172	.8362379 2.723371
demdum		2.121782	1.02849	1.55	0.121	.8205378 5.486596
independen~C		.7899467	.3911147	-0.48	0.634	.2993332 2.084686
transformC		.7529527	.41897	-0.51	0.610	.2530046 2.24082
lnpop		.7503641	.1307396	-1.65	0.099	.5332896 1.055798
lngdppc		.8499775	.2700619	-0.51	0.609	.4559914 1.584376
africa		.8249259	.3304356	-0.48	0.631	.3762308 1.808738
diffreligion		3.508702	1.961645	2.25	0.025	1.172888 10.4963
warage		1.183765	.0479694	4.16	0.000	1.093383 1.281618

```

. */add mountains & outbidding/*

```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster
js_countryid) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 3     No. failed      =       44
Competing events: outcomeF == 0 1 4 No. competing   =       43
                                     No. censored    =       17

Log pseudolikelihood = -150.43549    Wald chi2(12)   =      37.74
                                     Prob > chi2     =      0.0002
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.2103146	.1363474	-2.40	0.016	.0590247	.7493853
o_rebstren~h	1.408463	.3889065	1.24	0.215	.8198051	2.419804
demdum	1.944932	1.024247	1.26	0.207	.6928536	5.459681
independen~C	.7265855	.3839384	-0.60	0.546	.2579286	2.046793
transformC	.677379	.3847023	-0.69	0.493	.2225414	2.061829
lnpop	.7074632	.1089535	-2.25	0.025	.523135	.9567399
lngdppc	.8879772	.2653812	-0.40	0.691	.4943237	1.595116
africa	.8993738	.4396507	-0.22	0.828	.3450151	2.344457
diffreligion	4.171517	2.329224	2.56	0.011	1.396413	12.46161
warage	1.189947	.0520596	3.98	0.000	1.092165	1.296485
lnmtnest	1.096819	.178948	0.57	0.571	.7966354	1.510115
act2	.6427752	.2411185	-1.18	0.239	.3081452	1.340796

```
. */alt for pre 1989 start/*
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion prel989start if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster
js_countryid) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 3     No. failed      =       44
Competing events: outcomeF == 0 1 4 No. competing   =       43
                                     No. censored    =       17

Log pseudolikelihood = -154.07501    Wald chi2(10)   =      27.09
                                     Prob > chi2     =      0.0025
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
----	-----	------------------	---	------	----------------------	--

HCTrebels		.2297739	.1395554	-2.42	0.015	.0698739	.7555902
o_rebstren~h		1.457169	.422392	1.30	0.194	.8256022	2.571871
demdum		2.256962	1.122109	1.64	0.102	.8517779	5.980286
independen~C		.8331766	.4199886	-0.36	0.717	.3102148	2.237751
transformC		.8349887	.4385007	-0.34	0.731	.2983085	2.337198
lnpop		.7402267	.1179002	-1.89	0.059	.5417375	1.011441
lngdppc		.8711019	.2865156	-0.42	0.675	.4571922	1.659736
africa		.7870129	.365788	-0.52	0.606	.3164902	1.957057
diffreligion		3.055698	1.649997	2.07	0.039	1.060434	8.805155
pre1989start		4.428621	2.119398	3.11	0.002	1.733446	11.31428

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=0, 1, 4) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      1015
                                                         No. of subjects =      104
Failure event   : outcomeF == 3                       No. failed      =       44
Competing events: outcomeF == 0 1 4                   No. competing   =       43
                                                         No. censored    =       17
```

```
Log pseudolikelihood = -176.00941                      Wald chi2(9)    =      17.57
                                                         Prob > chi2     =      0.0405
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		.2266644	.1324077	-2.54	0.011	.0721352	.7122281
o_rebstren~h		1.685157	.4704634	1.87	0.062	.9749927	2.912591
demdum		1.825741	.8691431	1.26	0.206	.7181663	4.641445
independen~C		.8766268	.4612418	-0.25	0.802	.3125723	2.458549
transformC		.7985598	.4819849	-0.37	0.709	.2446525	2.606545
lnpop		.8231454	.1305644	-1.23	0.220	.603201	1.123288
lngdppc		1.078174	.2781167	0.29	0.770	.6503098	1.787548
africa		1.057964	.4709464	0.13	0.899	.4421442	2.531502
diffreligion		2.476632	1.267387	1.77	0.076	.9083834	6.752331

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion if pre1989start==0, compete(outcomeF=0, 1, 4) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      356
                                                         No. of subjects =      70
Failure event   : outcomeF == 3                       No. failed      =      30
Competing events: outcomeF == 0 1 4                   No. competing   =      28
                                                         No. censored    =      12
```

```
Wald chi2(9) = 11.15
```


Log pseudolikelihood = -107.18739 Prob > chi2 = 0.2658

(Std. Err. adjusted for 37 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.1115817	.140296	-1.74	0.081	.0094917	1.311722
o_rebstren~h	1.161736	.3346261	0.52	0.603	.6605833	2.043089
demdum	1.142435	.7135502	0.21	0.831	.3358781	3.885805
independen~C	1.443138	.8811052	0.60	0.548	.4361225	4.775373
transformC	.8326307	.563529	-0.27	0.787	.2209808	3.137258
lnpop	.8102291	.1302792	-1.31	0.191	.5912083	1.110389
lngdppc	.6646021	.2783496	-0.98	0.329	.2924559	1.5103
africa	.822778	.4284581	-0.37	0.708	.2964989	2.283191
diffreligion	1.927935	1.390061	0.91	0.363	.4692104	7.92168

. */oucome changed/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~=1, compete(outcomeF=0, 1, 4)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	518
	No. of subjects	=	99
Failure event : outcomeF == 3	No. failed	=	40
Competing events: outcomeF == 0 1 4	No. competing	=	42
	No. censored	=	17

Log pseudolikelihood = -129.52707 Wald chi2(10) = 52.65
 Prob > chi2 = 0.0000

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.1323148	.0737731	-3.63	0.000	.0443624	.3946407
o_rebstren~h	1.557742	.4449151	1.55	0.121	.8899782	2.726539
demdum	2.250288	1.172955	1.56	0.120	.8101253	6.250634
independen~C	.6713162	.3368664	-0.79	0.427	.2510697	1.794981
transformC	.5865301	.3497064	-0.89	0.371	.1822968	1.887129
lnpop	.7323584	.1127092	-2.02	0.043	.5416573	.9901996
lngdppc	.8424719	.2701643	-0.53	0.593	.4493572	1.579498
africa	.8585403	.3864531	-0.34	0.735	.3553129	2.074486
diffreligion	4.933352	2.598888	3.03	0.002	1.756829	13.85335
warage	1.255992	.0638392	4.48	0.000	1.1369	1.387559

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~=2, compete(outcomeF=0, 1, 4)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
```

```
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      556
                                No. of subjects =      102
Failure event   : outcomeF == 3  No. failed      =       42
Competing events: outcomeF == 0 1 4 No. competing   =       43
                                No. censored     =       17

                                Wald chi2(10)    =      26.02
Log pseudolikelihood = -145.43025  Prob > chi2     =      0.0037
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_____		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.1300815	.1095888	-2.42	0.015	.0249523 .6781423
o_rebstren~h		1.426456	.4018659	1.26	0.207	.8212113 2.477774
demdum		1.957846	.9981171	1.32	0.188	.7208296 5.317705
independen~C		.8285321	.4076818	-0.38	0.702	.3158442 2.17343
transformC		.8340654	.4383658	-0.35	0.730	.2977337 2.336535
lnpop		.751293	.1198976	-1.79	0.073	.5494998 1.027191
lngdppc		.844514	.2858743	-0.50	0.618	.4349795 1.639627
africa		.7973449	.3768736	-0.48	0.632	.3157306 2.013612
diffreligion		3.043415	1.679276	2.02	0.044	1.032026 8.974942
warage		1.164676	.053464	3.32	0.001	1.064464 1.274322

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepsobs==1 & outcomechanged~=3, compete(outcomeF=0, 1, 4)
vce(cluster js_countryid) nolog
```

```
failure_d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      560
                                No. of subjects =      102
Failure event   : outcomeF == 3  No. failed      =       43
Competing events: outcomeF == 0 1 4 No. competing   =       42
                                No. censored     =       17

                                Wald chi2(10)    =      29.51
Log pseudolikelihood = -146.80095  Prob > chi2     =      0.0010
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_____		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		.199155	.1306846	-2.46	0.014	.0550347 .7206852
o_rebstren~h		1.570501	.434667	1.63	0.103	.9129595 2.701625
demdum		2.149201	1.053218	1.56	0.118	.8225174 5.615766
independen~C		.7435837	.3638861	-0.61	0.545	.2849568 1.940353
transformC		.6496276	.3421683	-0.82	0.413	.2313791 1.823916
lnpop		.7670819	.1163053	-1.75	0.080	.5698784 1.032527
lngdppc		.8910816	.2896063	-0.35	0.723	.4712729 1.684855
africa		.8119959	.3762039	-0.45	0.653	.3274807 2.013363
diffreligion		3.588514	1.935245	2.37	0.018	1.247014 10.32662

warage | 1.183394 .0480211 4.15 0.000 1.092919 1.281357

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeF=0, 1, 4)
vce(cluster js_countryid) nolog

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression No. of obs = 502
No. of subjects = 95
Failure event : outcomeF == 3 No. failed = 37
Competing events: outcomeF == 0 1 4 No. competing = 41
No. censored = 17
Wald chi2(10) = 56.99
Log pseudolikelihood = -119.32721 Prob > chi2 = 0.0000

(Std. Err. adjusted for 47 clusters in js_countryid)

_t | Robust
SHR Std. Err. z P>|z| [95% Conf. Interval]

HCTrebels | .0660595 .0477624 -3.76 0.000 .016014 .2725034
o_rebstrength | 1.525929 .4340645 1.49 0.137 .8737803 2.664811
demdum | 2.215571 1.167274 1.51 0.131 .7889148 6.222163
independenceC | .6449869 .3211266 -0.88 0.378 .2430827 1.711385
transformC | .5478168 .2982333 -1.11 0.269 .1884683 1.592327
lnpop | .7434329 .1199723 -1.84 0.066 .541849 1.020012
lngdppc | .8799966 .2973278 -0.38 0.705 .4538186 1.706396
africa | .8050316 .3713389 -0.47 0.638 .3259696 1.988148
diffreligion | 4.464494 2.476683 2.70 0.007 1.505107 13.24272
warage | 1.244974 .0710995 3.84 0.000 1.113137 1.392424

. ***/rebel victory/***

. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=4)

id: VPFid
failure event: outcomeF == 4
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
origin: time startdate

1083 total obs.
68 ignored because VPFid missing

1015 obs. remaining, representing
104 subjects
16 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056

. **stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa**


```

Failure event      : outcomeF == 4          No. failed      =          16
Competing events: outcomeF == 0 1 3       No. competing   =          71
                                                No. censored    =          17

                                                Wald chi2(10)   =    2200.84
Log pseudolikelihood = -44.921292         Prob > chi2     =          0.0000

```

(Std. Err. adjusted for 74 clusters in conflictcluster)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.01e-07	1.36e-07	-12.01	0.000	7.33e-09	1.41e-06
o_rebstren~h	1.332301	.5555947	0.69	0.491	.5883497	3.01696
demdum	7.96e-08	9.66e-08	-13.46	0.000	7.36e-09	8.60e-07
independen~C	.4777024	.28009	-1.26	0.208	.1513822	1.50744
transformC	.8388984	.6128906	-0.24	0.810	.2003688	3.512275
lnpop	1.164663	.4220753	0.42	0.674	.5724317	2.369609
lngdppc	.3568779	.3039721	-1.21	0.226	.0672211	1.894671
africa	.6610024	.526763	-0.52	0.603	.1386333	3.151655
diffreligion	1.156558	.8293256	0.20	0.839	.2836626	4.715557
warage	1.411637	.1031477	4.72	0.000	1.223281	1.628996

. */add mountains & outbidding/*

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster
js_countryid) nolog

```

```

      failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
              origin: time startdate
                  id: VPFid

```

```

Competing-risks regression          No. of obs      =          566
                                      No. of subjects =          104
Failure event      : outcomeF == 4  No. failed      =          16
Competing events: outcomeF == 0 1 3 No. competing   =          71
                                                No. censored    =          17

                                                Wald chi2(12)   =    3433.48
Log pseudolikelihood = -42.648801     Prob > chi2     =          0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	3.66e-07	5.66e-07	-9.58	0.000	1.76e-08	7.58e-06
o_rebstren~h	1.930174	.7648332	1.66	0.097	.8877833	4.196487
demdum	2.26e-07	3.86e-07	-8.96	0.000	7.92e-09	6.43e-06
independen~C	.3533977	.1981192	-1.86	0.064	.1177794	1.060371
transformC	.5378611	.3231874	-1.03	0.302	.1656549	1.746369
lnpop	1.289667	.6151348	0.53	0.594	.5063823	3.284556
lngdppc	.6197918	.5699325	-0.52	0.603	.1022161	3.758134
africa	.8270801	.6940469	-0.23	0.821	.1596832	4.283868
diffreligion	1.176173	.9162826	0.21	0.835	.2554779	5.414881
warage	1.395772	.088603	5.25	0.000	1.232482	1.580696
lnmtnest	1.449246	.3544915	1.52	0.129	.8972939	2.34072
act2	2.387475	1.503697	1.38	0.167	.69475	8.20444

. */alt for pre 1989 start/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion prel1989start if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster
js_countryid) nolog

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```
Competing-risks regression              No. of obs      =      566  
                                         No. of subjects =      104  
Failure event   : outcomeF == 4        No. failed      =       16  
Competing events: outcomeF == 0 1 3    No. competing   =       71  
                                         No. censored    =       17  
  
                                         Wald chi2(10)   =    2453.68  
Log pseudolikelihood = -44.257376      Prob > chi2     =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----  
      |             Robust  
      |             SHR   Std. Err.      z    P>|z|      [95% Conf. Interval]  
-----+-----  
HCTrebels |      4.91e-09   7.33e-09   -12.82  0.000   2.64e-10   9.16e-08  
o_rebstren~h |      1.344029   .5655811    0.70   0.482   .5891347   3.066218  
demdum |      1.09e-14   2.09e-14   -16.78  0.000   2.55e-16   4.67e-13  
independen~C |      .6722203   .4182107    -0.64   0.523   .1985869   2.275478  
transformC |      .8720734   .4588998    -0.26   0.795   .3109112   2.446075  
lnpop |      1.212161   .462561    0.50   0.614   .5737747   2.56082  
lngdppc |      .3268618   .2913945   -1.25   0.210   .0569541   1.875872  
africa |      .7730115   .6634873   -0.30   0.764   .1437431   4.157048  
diffreligion |      .9709294   .7201127   -0.04   0.968   .2269206   4.154334  
pre1989start |      3.38e+07   2.57e+07   22.77  0.000   7592911   1.50e+08  
-----
```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=0, 1, 3) vce(cluster js_countryid) nolog

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```
Competing-risks regression              No. of obs      =    1015  
                                         No. of subjects =     104  
Failure event   : outcomeF == 4        No. failed      =       16  
Competing events: outcomeF == 0 1 3    No. competing   =       71  
                                         No. censored    =       17  
  
                                         Wald chi2(9)    =    1372.87  
Log pseudolikelihood = -57.599414      Prob > chi2     =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----  
      |             Robust  
      |             SHR   Std. Err.      z    P>|z|      [95% Conf. Interval]  
-----+-----
```


Log pseudolikelihood = -44.464044 Wald chi2(10) = 2582.93
 Prob > chi2 = 0.0000

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.88e-07	3.17e-07	-9.18	0.000	6.89e-09	5.13e-06
o_rebstren~h	1.314406	.5234805	0.69	0.492	.6021801	2.869012
demdum	1.10e-07	1.31e-07	-13.48	0.000	1.07e-08	1.13e-06
independen~C	.5100597	.3524593	-0.97	0.330	.1316519	1.976127
transformC	.9403685	.5060764	-0.11	0.909	.3274978	2.700149
lnpop	1.139443	.401733	0.37	0.711	.5709326	2.274052
lngdppc	.3464266	.2986931	-1.23	0.219	.0639286	1.877272
africa	.6912962	.6837084	-0.37	0.709	.099496	4.803112
diffreligion	1.204725	.834187	0.27	0.788	.3100923	4.680421
warage	1.392091	.0836091	5.51	0.000	1.237497	1.565996

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~2, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog
```

failure _d: outcomeF == 4
 analysis time _t: (enddate2009-origin)
 origin: time startdate
 id: VPfid

Competing-risks regression No. of obs = 556
 No. of subjects = 102
 Failure event : outcomeF == 4 No. failed = 16
 Competing events: outcomeF == 0 1 3 No. competing = 69
 No. censored = 17

Log pseudolikelihood = -44.907874 Wald chi2(10) = 3381.02
 Prob > chi2 = 0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.22e-07	1.81e-07	-10.69	0.000	6.56e-09	2.25e-06
o_rebstren~h	1.333271	.5565111	0.69	0.491	.5883351	3.021429
demdum	9.49e-08	1.17e-07	-13.14	0.000	8.52e-09	1.06e-06
independen~C	.4759687	.32555	-1.09	0.278	.1245601	1.81877
transformC	.8386037	.4961318	-0.30	0.766	.2630098	2.673878
lnpop	1.165104	.4072412	0.44	0.662	.5872764	2.311463
lngdppc	.3574056	.3077401	-1.19	0.232	.0661064	1.932319
africa	.6610282	.6533853	-0.42	0.675	.0952489	4.587539
diffreligion	1.158291	.8068608	0.21	0.833	.2957152	4.536922
warage	1.411106	.085621	5.68	0.000	1.252886	1.589306

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~3, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog
```

failure _d: outcomeF == 4
 analysis time _t: (enddate2009-origin)


```
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      560
                               No. of subjects   =      102
Failure event   : outcomeF == 4   No. failed      =      16
Competing events: outcomeF == 0 1 3 No. competing   =      69
                               No. censored     =      17

                               Wald chi2(10)    =    3320.32
Log pseudolikelihood = -44.642873   Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.27e-07	1.88e-07	-10.72	0.000	6.97e-09	2.31e-06
o_rebstren~h	1.308479	.5274432	0.67	0.505	.5938141	2.883255
demdum	1.04e-07	1.27e-07	-13.17	0.000	9.49e-09	1.14e-06
independen~C	.4900039	.3284339	-1.06	0.287	.1317244	1.822773
transformC	.9233463	.5052964	-0.15	0.884	.3158996	2.698859
lnpop	1.144996	.4023063	0.39	0.700	.575076	2.279725
lngdppc	.3515658	.301832	-1.22	0.223	.065346	1.891447
africa	.6740152	.6498345	-0.41	0.682	.1018604	4.45999
diffreligion	1.14505	.7935775	0.20	0.845	.2943736	4.453999
warage	1.409135	.0850242	5.68	0.000	1.251967	1.586033

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      502
                               No. of subjects   =      95
Failure event   : outcomeF == 4   No. failed      =      16
Competing events: outcomeF == 0 1 3 No. competing   =      62
                               No. censored     =      17

                               Wald chi2(10)    =    2320.59
Log pseudolikelihood = -44.114876   Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 47 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	4.59e-07	7.74e-07	-8.65	0.000	1.68e-08	.0000125
o_rebstren~h	1.285065	.4901962	0.66	0.511	.6084556	2.714072
demdum	2.89e-07	3.40e-07	-12.77	0.000	2.86e-08	2.91e-06
independen~C	.524984	.3531137	-0.96	0.338	.1404793	1.961912
transformC	1.058748	.5201739	0.12	0.907	.4041928	2.773299
lnpop	1.113466	.3985145	0.30	0.764	.5521134	2.245566
lngdppc	.3390044	.292859	-1.25	0.211	.0623548	1.843067
africa	.7071615	.6769461	-0.36	0.717	.1083146	4.616898
diffreligion	1.193226	.8239257	0.26	0.798	.3082947	4.618273

```
warage | 1.387898 .0830856 5.48 0.000 1.234244 1.560681
```

[See results appendix for tests of proportional subhazards]

```
. */of terrorist rebels who chew gum, 3 out of /4, er I mean, of T rebels who achieve negotiated outcome, 3/4 fought democracies /*
```

```
. tab demdum if outcomeF==3 & HCTrebels==1
```

demdum	Freq.	Percent	Cum.
0	1	25.00	25.00
1	3	75.00	100.00
Total	4	100.00	

```
. lis VPFid side_a side_b demdum if outcomeF==3 & HCTrebels==1, noobs clean
```

VPFid	side_a	side_b	demdum
63	Israel	Fatah	1
71	Nepal	CPN-M/UPF	0
77	Philippines	MNLF	1
99	United Kingdom	PIRA/IRA	1

```
. */robustness/*
```

```
. */cluster/*
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster conflictcluster) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 4     No. failed      =       16
Competing events: outcomeF == 0 1 3  No. competing    =       71
                                     No. censored    =       17

                                     Wald chi2(10)   =    2200.84
Log pseudolikelihood = -44.921292    Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 74 clusters in conflictcluster)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels		1.01e-07	1.36e-07	-12.01	0.000	7.33e-09 1.41e-06
o_rebstren~h		1.332301	.5555947	0.69	0.491	.5883497 3.01696
demdum		7.96e-08	9.66e-08	-13.46	0.000	7.36e-09 8.60e-07
independen~C		.4777024	.28009	-1.26	0.208	.1513822 1.50744

```

transformC | .8388984 .6128906 -0.24 0.810 .2003688 3.512275
lnpop | 1.164663 .4220753 0.42 0.674 .5724317 2.369609
lngdppc | .3568779 .3039721 -1.21 0.226 .0672211 1.894671
africa | .6610024 .526763 -0.52 0.603 .1386333 3.151655
diffreligion | 1.156558 .8293256 0.20 0.839 .2836626 4.715557
warage | 1.411637 .1031477 4.72 0.000 1.223281 1.628996

```

```

-----
. */add mountains & outbidding/*

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster
js_countryid) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 4                       No. failed      =       16
Competing events: outcomeF == 0 1 3                   No. competing   =       71
                                                         No. censored    =       17

                                                         Wald chi2(12)   =    3433.48
Log pseudolikelihood = -42.648801                     Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----
      _t |           Robust
           SHR   Std. Err.      z    P>|z|      [95% Conf. Interval]
-----+-----
HCTrebels | 3.66e-07  5.66e-07   -9.58  0.000   1.76e-08  7.58e-06
o_rebstren~h | 1.930174  .7648332    1.66  0.097   .8877833  4.196487
demdum | 2.26e-07  3.86e-07   -8.96  0.000   7.92e-09  6.43e-06
independen~C | .3533977  .1981192   -1.86  0.064   .1177794  1.060371
transformC | .5378611  .3231874   -1.03  0.302   .1656549  1.746369
lnpop | 1.289667  .6151348    0.53  0.594   .5063823  3.284556
lngdppc | .6197918  .5699325   -0.52  0.603   .1022161  3.758134
africa | .8270801  .6940469   -0.23  0.821   .1596832  4.283868
diffreligion | 1.176173  .9162826    0.21  0.835   .2554779  5.414881
warage | 1.395772  .088603    5.25  0.000   1.232482  1.580696
lnmtnest | 1.449246  .3544915    1.52  0.129   .8972939  2.34072
act2 | 2.387475  1.503697    1.38  0.167   .69475    8.20444

```

```

. */alt for pre 1989 start/*

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion pre1989start if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster
js_countryid) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 4                       No. failed      =       16

```

Competing events: outcomeF == 0 1 3 No. competing = 71
 No. censored = 17

Log pseudolikelihood = -44.257376 Wald chi2(10) = 2453.68
 Prob > chi2 = 0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	4.91e-09	7.33e-09	-12.82	0.000	2.64e-10	9.16e-08
o_rebstren~h	1.344029	.5655811	0.70	0.482	.5891347	3.066218
demdum	1.09e-14	2.09e-14	-16.78	0.000	2.55e-16	4.67e-13
independen~C	.6722203	.4182107	-0.64	0.523	.1985869	2.275478
transformC	.8720734	.4588998	-0.26	0.795	.3109112	2.446075
lnpop	1.212161	.462561	0.50	0.614	.5737747	2.56082
lngdppc	.3268618	.2913945	-1.25	0.210	.0569541	1.875872
africa	.7730115	.6634873	-0.30	0.764	.1437431	4.157048
diffreligion	.9709294	.7201127	-0.04	0.968	.2269206	4.154334
pre1989start	3.38e+07	2.57e+07	22.77	0.000	7592911	1.50e+08

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=0, 1, 3) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression No. of obs = 1015
 No. of subjects = 104
 Failure event : outcomeF == 4 No. failed = 16
 Competing events: outcomeF == 0 1 3 No. competing = 71
 No. censored = 17

Log pseudolikelihood = -57.599414 Wald chi2(9) = 1372.87
 Prob > chi2 = 0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	2.18e-07	2.45e-07	-13.69	0.000	2.43e-08	1.96e-06
o_rebstren~h	1.410445	.7030023	0.69	0.490	.5310011	3.746425
demdum	1.50e-07	1.54e-07	-15.36	0.000	2.03e-08	1.12e-06
independen~C	.4821627	.3047465	-1.15	0.248	.139701	1.664131
transformC	.7982061	.4657622	-0.39	0.699	.2543486	2.504959
lnpop	1.490081	.4651569	1.28	0.201	.8081488	2.747442
lngdppc	.4550261	.2658534	-1.35	0.178	.1447816	1.430076
africa	.7411019	.72471	-0.31	0.759	.1090193	5.037934
diffreligion	.6988486	.631245	-0.40	0.692	.1189935	4.104337

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion if pre1989start==0, compete(outcomeF=0, 1, 3) vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
```

```
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      356
                               No. of subjects   =      70
Failure event   : outcomeF == 4   No. failed      =      8
Competing events: outcomeF == 0 1 3 No. competing   =      50
                               No. censored      =      12

                               Wald chi2(9)       =    1317.39
Log pseudolikelihood = -25.599291   Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 37 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.44e-07	1.58e-07	-14.32	0.000	1.66e-08	1.24e-06
o_rebstren~h	4.404734	2.178516	3.00	0.003	1.670813	11.61212
demdum	2.49e-07	2.08e-07	-18.19	0.000	4.83e-08	1.28e-06
independen~C	.1220029	.1065694	-2.41	0.016	.0220215	.6759178
transformC	.3079031	.2215865	-1.64	0.102	.0751339	1.261806
lnpop	1.417705	.2647515	1.87	0.062	.9831664	2.044301
lngdppc	1.367168	.7892658	0.54	0.588	.4409848	4.238579
africa	.5410339	.461406	-0.72	0.471	.1016952	2.878382
diffreligion	2.705519	2.077237	1.30	0.195	.6007824	12.18384

. */oucome changed/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~1, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      518
                               No. of subjects   =      99
Failure event   : outcomeF == 4   No. failed      =      16
Competing events: outcomeF == 0 1 3 No. competing   =      66
                               No. censored      =      17

                               Wald chi2(10)      =    2582.93
Log pseudolikelihood = -44.464044   Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	1.88e-07	3.17e-07	-9.18	0.000	6.89e-09	5.13e-06
o_rebstren~h	1.314406	.5234805	0.69	0.492	.6021801	2.869012
demdum	1.10e-07	1.31e-07	-13.48	0.000	1.07e-08	1.13e-06
independen~C	.5100597	.3524593	-0.97	0.330	.1316519	1.976127
transformC	.9403685	.5060764	-0.11	0.909	.3274978	2.700149
lnpop	1.139443	.401733	0.37	0.711	.5709326	2.274052
lngdppc	.3464266	.2986931	-1.23	0.219	.0639286	1.877272
africa	.6912962	.6837084	-0.37	0.709	.099496	4.803112

```

diffreligion | 1.204725 .834187 0.27 0.788 .3100923 4.680421
warage | 1.392091 .0836091 5.51 0.000 1.237497 1.565996

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~2, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      556
                                   No. of subjects =      102
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       69
                                   No. censored    =       17

                                   Wald chi2(10)    =    3381.02
Log pseudolikelihood = -44.907874   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
      _t |           Robust
          |           SHR   Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----
HCTrebels | 1.22e-07  1.81e-07  -10.69  0.000  6.56e-09  2.25e-06
o_rebstren~h | 1.333271  .5565111   0.69  0.491  .5883351  3.021429
demdum | 9.49e-08  1.17e-07  -13.14  0.000  8.52e-09  1.06e-06
independen~C | .4759687  .32555   -1.09  0.278  .1245601  1.81877
transformC | .8386037  .4961318   -0.30  0.766  .2630098  2.673878
lnpop | 1.165104  .4072412   0.44  0.662  .5872764  2.311463
lngdppc | .3574056  .3077401   -1.19  0.232  .0661064  1.932319
africa | .6610282  .6533853   -0.42  0.675  .0952489  4.587539
diffreligion | 1.158291  .8068608   0.21  0.833  .2957152  4.536922
warage | 1.411106  .085621   5.68  0.000  1.252886  1.589306
-----+-----

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged~3, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      560
                                   No. of subjects =      102
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       69
                                   No. censored    =       17

                                   Wald chi2(10)    =    3320.32
Log pseudolikelihood = -44.642873   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
      _t |           Robust
          |           SHR   Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----

```

HCTrebels		1.27e-07	1.88e-07	-10.72	0.000	6.97e-09	2.31e-06
o_rebstren~h		1.308479	.5274432	0.67	0.505	.5938141	2.883255
demdum		1.04e-07	1.27e-07	-13.17	0.000	9.49e-09	1.14e-06
independen~C		.4900039	.3284339	-1.06	0.287	.1317244	1.822773
transformC		.9233463	.5052964	-0.15	0.884	.3158996	2.698859
lnpop		1.144996	.4023063	0.39	0.700	.575076	2.279725
lngdppc		.3515658	.301832	-1.22	0.223	.065346	1.891447
africa		.6740152	.6498345	-0.41	0.682	.1018604	4.45999
diffreligion		1.14505	.7935775	0.20	0.845	.2943736	4.453999
warage		1.409135	.0850242	5.68	0.000	1.251967	1.586033

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeF=0, 1, 3)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           502
                                     No. of subjects      =           95
Failure event   : outcomeF == 4      No. failed           =           16
Competing events: outcomeF == 0 1 3  No. competing        =           62
                                     No. censored         =           17
```

```
Log pseudolikelihood = -44.114876    Wald chi2(10)        =       2320.59
                                     Prob > chi2          =           0.0000
```

(Std. Err. adjusted for 47 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		4.59e-07	7.74e-07	-8.65	0.000	1.68e-08	.0000125
o_rebstren~h		1.285065	.4901962	0.66	0.511	.6084556	2.714072
demdum		2.89e-07	3.40e-07	-12.77	0.000	2.86e-08	2.91e-06
independen~C		.524984	.3531137	-0.96	0.338	.1404793	1.961912
transformC		1.058748	.5201739	0.12	0.907	.4041928	2.773299
lnpop		1.113466	.3985145	0.30	0.764	.5521134	2.245566
lngdppc		.3390044	.292859	-1.25	0.211	.0623548	1.843067
africa		.7071615	.6769461	-0.36	0.717	.1083146	4.616898
diffreligion		1.193226	.8239257	0.26	0.798	.3082947	4.618273
warage		1.387898	.0830856	5.48	0.000	1.234244	1.560681

/table 5/

/model 1/

. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion warage if lastob==1 & outcomeF~=2, cluster(js_countryid)
nolog

Logistic regression
Number of obs = 87
Wald chi2(11) = 31.34
Prob > chi2 = 0.0010
Pseudo R2 = 0.3146
Log pseudolikelihood = -36.934647

(Std. Err. adjusted for 47 clusters in js_countryid)

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-2.388721	1.644874	-1.45	0.146	-5.612616	.8351732
demdum	.8378979	1.386091	0.60	0.546	-1.878791	3.554587
demHCTrebels	1.256033	2.175987	0.58	0.564	-3.008823	5.520889
o_rebstren~h	2.171458	.5750106	3.78	0.000	1.044458	3.298459
independen~C	-.6495955	.7648384	-0.85	0.396	-2.148651	.8494601
transformC	.0100014	.9036924	0.01	0.991	-1.761203	1.781206
lnpop	.0145568	.2379112	0.06	0.951	-.4517405	.4808541
lngdppc	-.5817093	.4584949	-1.27	0.205	-1.480343	.3169242
africa	.8308663	.8030084	1.03	0.301	-.7430013	2.404734
diffreligion	1.950742	.8787639	2.22	0.026	.2283966	3.673088
warage	.1005762	.0557742	1.80	0.071	-.0087391	.2098916
_cons	2.545601	4.45909	0.57	0.568	-6.194056	11.28526

/table 5b model 1/

. quietly prvalue, x(HCTrebels=0 demdum=0 demHCTrebels=0 lnpop=mean lngdppc=mean
warage==mean) rest(median) save

. prvalue, x(HCTrebels=1 demdum=0 demHCTrebels=0 lnpop=mean lngdppc=mean warage==mean)
rest(median) diff

logit: Change in Predictions for rebelwinF

Confidence intervals by delta method

	Current	Saved	Change	95% CI for Change	
Pr (y=1 x):	0.1806	0.7061	-0.5255	[-0.9964,	-0.0545]
Pr (y=0 x):	0.8194	0.2939	0.5255	[0.0545,	0.9964]
transformC	HCTrebels	demdum	demHCTrebels	o_rebstren~h	independen~C
Current=	lnpop	lngdppc			
0	1	0	0	1	0
9.8812026	7.527258				
Saved=					
0	0	0	0	1	0
9.8812026	7.527258				
Diff=					
0	1	0	0	0	0
0	0	0			
Current=	africa	diffreligion	warage		
Saved=	0	0	3.9195402		
	0	0	3.9195402		

Diff= 0 0 0

. quietly prvalue, x(HCTrebels=0 demdum=1 demHCTrebels=0 lnpop=mean lngdppc=mean warage==mean) rest(median) save

. prvalue, x(HCTrebels=1 demdum=1 demHCTrebels=1 lnpop=mean lngdppc=mean warage==mean) rest(median) diff

logit: Change in Predictions for rebelwinF

Confidence intervals by delta method

	Current	Saved	Change	95% CI for Change
Pr (y=1 x):	0.6414	0.8474	-0.2060	[-0.8263, 0.4144]
Pr (y=0 x):	0.3586	0.1526	0.2060	[-0.4144, 0.8263]

	HCTrebels	demdum	demHCTrebels	o_rebstren~h	independen~C
transformC	lnpop	lngdppc			
Current=	1	1	1	1	0
0 9.8812026	7.527258				
Saved=	0	1	0	1	0
0 9.8812026	7.527258				
Diff=	1	0	1	0	0
0 0	0				
	africa	diffreligion	warage		
Current=	0	0	3.9195402		
Saved=	0	0	3.9195402		
Diff=	0	0	0		

. */robustness/*

. */cluster/*

. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop lngdppc africa diffreligion warage if lastob==1 & outcomeF~=2, cluster(conflictcluster) nolog

Logistic regression

	Number of obs	=	87
	Wald chi2(11)	=	27.82
	Prob > chi2	=	0.0034
Log pseudolikelihood = -36.934647	Pseudo R2	=	0.3146

(Std. Err. adjusted for 64 clusters in conflictcluster)

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	-2.388721	1.680737	-1.42	0.155	-5.682905 .9054626
demdum	.8378979	1.315417	0.64	0.524	-1.740272 3.416067
demHCTrebels	1.256033	2.117117	0.59	0.553	-2.89344 5.405506
o_rebstren~h	2.171458	.5938416	3.66	0.000	1.00755 3.335367
independen~C	-.6495955	.838259	-0.77	0.438	-2.292553 .9933619
transformC	.0100014	.8923196	0.01	0.991	-1.738913 1.758916
lnpop	.0145568	.2598602	0.06	0.955	-.4947599 .5238735
lngdppc	-.5817093	.4623467	-1.26	0.208	-1.487892 .3244736
africa	.8308663	.8004725	1.04	0.299	-.7380309 2.399764
diffreligion	1.950742	.9744015	2.00	0.045	.0409504 3.860534
warage	.1005762	.0558343	1.80	0.072	-.0088571 .2100095
_cons	2.545601	4.700151	0.54	0.588	-6.666526 11.75773

```
-----
```

```
. */add mountains & outbidding/*
```

```
. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC  
lnpop lngdppc africa diffreligion warage lnmtnest act2 if lastob==1 & outcomeF~=2,  
cluster(js_countryid) nolog
```

```
Logistic regression                    Number of obs   =          87  
Wald chi2(13)                        =          39.39  
Prob > chi2                          =          0.0002  
Log pseudolikelihood = -33.293347      Pseudo R2      =          0.3821
```

(Std. Err. adjusted for 47 clusters in js_countryid)

```
-----
```

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-1.984979	1.392085	-1.43	0.154	-4.713417	.7434579
demdum	1.405185	1.252137	1.12	0.262	-1.048959	3.859328
demHCTrebels	.6305068	2.105718	0.30	0.765	-3.496624	4.757638
o_rebstren~h	2.752844	.693603	3.97	0.000	1.393407	4.112281
independen~C	-1.256964	.7414607	-1.70	0.090	-2.7102	.1962726
transformC	-.6275828	1.037903	-0.60	0.545	-2.661835	1.406669
lnpop	.0493466	.2434808	0.20	0.839	-.4278669	.5265602
lngdppc	.1286382	.5348995	0.24	0.810	-.9197455	1.177022
africa	1.859367	1.231951	1.51	0.131	-.5552124	4.273947
diffreligion	2.240102	.8767524	2.55	0.011	.5216989	3.958505
warage	.1099712	.0604937	1.82	0.069	-.0085942	.2285365
lnmtnest	.7493212	.2896741	2.59	0.010	.1815704	1.317072
act2	.4410801	.7505091	0.59	0.557	-1.029891	1.912051
_cons	-5.743663	5.888647	-0.98	0.329	-17.2852	5.797874

```
-----
```

```
. */pre 1989start/*
```

```
. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC  
lnpop lngdppc africa diffreligion pre1989start if lastob==1 & outcomeF~=2,  
cluster(js_countryid) nolog
```

```
Logistic regression                    Number of obs   =          87  
Wald chi2(11)                        =          32.61  
Prob > chi2                          =          0.0006  
Log pseudolikelihood = -37.351253      Pseudo R2      =          0.3068
```

(Std. Err. adjusted for 47 clusters in js_countryid)

```
-----
```

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-2.2843	1.604312	-1.42	0.154	-5.428694	.8600951
demdum	.844949	1.409831	0.60	0.549	-1.91827	3.608168
demHCTrebels	1.374121	2.201228	0.62	0.532	-2.940207	5.688449
o_rebstren~h	2.037236	.5530422	3.68	0.000	.9532936	3.121179
independen~C	-.4433472	.7190301	-0.62	0.538	-1.85262	.9659258
transformC	.0292012	.898649	0.03	0.974	-1.732118	1.790521
lnpop	-.0421244	.248343	-0.17	0.865	-.5288677	.4446189
lngdppc	-.4934665	.4626379	-1.07	0.286	-1.40022	.4132872
africa	.9427123	.8460661	1.11	0.265	-.7155467	2.600971
diffreligion	1.823814	.8297058	2.20	0.028	.1976207	3.450008
pre1989start	1.144344	.6123427	1.87	0.062	-.0558252	2.344514

```
-----
```


Log pseudolikelihood = -32.769879 Prob > chi2 = 0.0000
 Pseudo R2 = 0.3602

(Std. Err. adjusted for 46 clusters in js_countryid)

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-17.64493	1.538621	-11.47	0.000	-20.66057	-14.62928
demdum	.5259466	1.31261	0.40	0.689	-2.046722	3.098615
demHCTrebels	16.51344	2.283779	7.23	0.000	12.03731	20.98956
o_rebstren~h	2.292749	.6765878	3.39	0.001	.9666609	3.618836
independen~C	-1.014808	.8129039	-1.25	0.212	-2.60807	.5784548
transformC	-.2862408	.9286223	-0.31	0.758	-2.106307	1.533825
lnpop	-.0109233	.2814515	-0.04	0.969	-.5625581	.5407115
lngdppc	-.5837174	.4814973	-1.21	0.225	-1.527435	.36
africa	.9147817	.8098074	1.13	0.259	-.6724116	2.501975
diffreligion	2.724347	1.070853	2.54	0.011	.625514	4.823181
warage	.117093	.0566777	2.07	0.039	.0060069	.2281792
_cons	2.594159	4.972162	0.52	0.602	-7.151099	12.33942

Note: 2 failures and 0 successes completely determined.

```
. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC  
lnpop lngdppc africa diffreligion warage if lastob==1 & outcomeF~2 & outcomechanged~2,  
cluster(js_countryid) nolog
```

Logistic regression Number of obs = 85
 Wald chi2(11) = 32.27
 Prob > chi2 = 0.0007
Log pseudolikelihood = -35.836222 Pseudo R2 = 0.3255

(Std. Err. adjusted for 47 clusters in js_countryid)

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-2.363085	1.582703	-1.49	0.135	-5.465126	.7389562
demdum	.8237254	1.372023	0.60	0.548	-1.865389	3.51284
demHCTrebels	.665605	2.184519	0.30	0.761	-3.615974	4.947184
o_rebstren~h	2.06802	.585979	3.53	0.000	.9195227	3.216518
independen~C	-.555323	.7672327	-0.72	0.469	-2.059071	.9484254
transformC	.0106494	.9138067	0.01	0.991	-1.780379	1.801678
lnpop	-.019824	.250927	-0.08	0.937	-.5116318	.4719839
lngdppc	-.7615113	.503017	-1.51	0.130	-1.747407	.2243839
africa	.6068804	.7958572	0.76	0.446	-.952971	2.166732
diffreligion	1.914057	.8883237	2.15	0.031	.1729744	3.655139
warage	.0827477	.05977	1.38	0.166	-.0343994	.1998947
_cons	4.424203	4.670429	0.95	0.343	-4.72967	13.57808

```
. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC  
lnpop lngdppc africa diffreligion warage if lastob==1 & outcomeF~2 & outcomechanged~3,  
cluster(js_countryid) nolog
```

Logistic regression Number of obs = 85
 Wald chi2(11) = 27.92
 Prob > chi2 = 0.0033
Log pseudolikelihood = -36.667373 Pseudo R2 = 0.2994

(Std. Err. adjusted for 47 clusters in js_countryid)

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-2.358074	1.643851	-1.43	0.151	-5.579963	.8638148
demdum	.8169056	1.365637	0.60	0.550	-1.859693	3.493505
demHCTrebels	1.336147	2.247352	0.59	0.552	-3.068581	5.740875
o_rebstren~h	2.134771	.5594622	3.82	0.000	1.038246	3.231297
independen~C	-.6826771	.7539604	-0.91	0.365	-2.160412	.7950582
transformC	-.0780704	.9093506	-0.09	0.932	-1.860365	1.704224
lnpop	.0178675	.2340257	0.08	0.939	-.4408145	.4765494
lngdppc	-.5234075	.4866324	-1.08	0.282	-1.477189	.4303745
africa	.8311936	.8156031	1.02	0.308	-.7673591	2.429746
diffreligion	1.903934	.8669698	2.20	0.028	.2047042	3.603163
warage	.0964655	.0558244	1.73	0.084	-.0129483	.2058793
_cons	2.146602	4.546078	0.47	0.637	-6.763548	11.05675

```
. logit rebelwinF HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion warage if lastob==1 & outcomeF~2 & outcomechanged==0,
cluster(js_countryid) nolog
```

```
Logistic regression                               Number of obs   =           78
                                                    Wald chi2(11)   =       236.26
                                                    Prob > chi2     =         0.0000
Log pseudolikelihood = -31.578198                Pseudo R2      =         0.3546
```

(Std. Err. adjusted for 45 clusters in js_countryid)

rebelwinF	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	-16.46728	1.520004	-10.83	0.000	-19.44643	-13.48813
demdum	.534209	1.288717	0.41	0.678	-1.991631	3.060049
demHCTrebels	14.80487	2.384367	6.21	0.000	10.13159	19.47814
o_rebstren~h	2.140837	.6595689	3.25	0.001	.8481055	3.433568
independen~C	-.9473949	.799291	-1.19	0.236	-2.513976	.6191866
transformC	-.3975822	.9569191	-0.42	0.678	-2.273109	1.477945
lnpop	-.0540988	.2890433	-0.19	0.852	-.6206133	.5124157
lngdppc	-.726658	.5422644	-1.34	0.180	-1.789477	.3361607
africa	.6560578	.8040799	0.82	0.415	-.9199099	2.232026
diffreligion	2.65634	1.096647	2.42	0.015	.5069517	4.805729
warage	.0999409	.0590925	1.69	0.091	-.0158783	.2157602
_cons	4.347298	5.308383	0.82	0.413	-6.056941	14.75154

Note: 2 failures and 0 successes completely determined.

```
. */model 2/*
```

```
. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate warage if keepobs==1,
cluster(js_countryid) nolog
```

```
Multinomial logistic regression                               Number of obs   =           566
                                                    Wald chi2(24)   =       172.73
                                                    Prob > chi2     =         0.0000
Log pseudolikelihood = -260.74709                Pseudo R2      =         0.1213
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
0						
HCTrebels	-.1211865	.4496312	-0.27	0.788	-1.002447	.7600744
demdum	-1.51517	1.34164	-1.13	0.259	-4.144736	1.114396
demHCTrebels	-.3537346	1.300696	-0.27	0.786	-2.903051	2.195582
o_rebstren~h	-.6966265	.3107775	-2.24	0.025	-1.305739	-.0875138
independen~C	-.5427428	.6984995	-0.78	0.437	-1.911777	.8262911
transformC	-.9029135	.7926389	-1.14	0.255	-2.456457	.6506303
lnpop	.1701744	.2089492	0.81	0.415	-.2393586	.5797074
lngdppc	.5918213	.3786544	1.56	0.118	-.1503277	1.33397
africa	-.8584784	.7070362	-1.21	0.225	-2.244244	.527287
diffreligion	-.2456122	.3736384	-0.66	0.511	-.97793	.4867055
lntimeatst~e	-.1647541	.1710309	-0.96	0.335	-.4999686	.1704604
warage	-.0279781	.0277915	-1.01	0.314	-.0824485	.0264923
_cons	-6.140189	4.552326	-1.35	0.177	-15.06258	2.782206
1	(base outcome)					
2						
HCTrebels	-2.072412	1.216629	-1.70	0.088	-4.45696	.3121365
demdum	-.0634673	.5187063	-0.12	0.903	-1.080113	.9531784
demHCTrebels	.3585048	1.25158	0.29	0.775	-2.094548	2.811557
o_rebstren~h	.6087572	.2378724	2.56	0.010	.1425359	1.074979
independen~C	-.7336121	.3516603	-2.09	0.037	-1.422854	-.0443705
transformC	-.7876407	.3507343	-2.25	0.025	-1.475067	-.100214
lnpop	-.0994951	.1370563	-0.73	0.468	-.3681206	.1691303
lngdppc	-.2807781	.3054706	-0.92	0.358	-.8794894	.3179332
africa	-.4859862	.3712003	-1.31	0.190	-1.213526	.2415531
diffreligion	.864341	.4186459	2.06	0.039	.0438102	1.684872
lntimeatst~e	.2340402	.1690466	1.38	0.166	-.097285	.5653653
warage	-.0386537	.0273472	-1.41	0.158	-.0922532	.0149457
_cons	-.2968406	2.602174	-0.11	0.909	-5.397008	4.803327

/table 5b model 2/

. quietly prvalue, x(HCTrebels=0 demdum=0 demHCTrebels=0 lnpop=mean lngdppc=mean warage==mean) rest(median) save

. prvalue, x(HCTrebels=1 demdum=0 demHCTrebels=0 lnpop=mean lngdppc=mean warage==mean) rest(median) diff

mlogit: Change in Predictions for outcomeWL

Confidence intervals by delta method

	Current	Saved	Change	95% CI for Change	
Pr (y=0 x):	0.0658	0.0664	-0.0006	[-0.0555,	0.0542]
Pr (y=2 x):	0.0158	0.1123	-0.0965	[-0.1791,	-0.0138]
Pr (y=1 x):	0.9184	0.8213	0.0971	[0.0063,	0.1879]

	HCTrebels	demdum	demHCTrebels	o_rebstren~h	independen~C
transformC	lnpop	lngdppc			
Current=	1	0	0	1	1
0	10.318821	7.697998			
Saved=	0	0	0	1	1

```

0      10.318821      7.697998
Diff=      1      0      0      0
0      0      0

africa diffreligion lntimeatst~e warage
Current=      0      0      7.839112      5.5583039
Saved=      0      0      7.839112      5.5583039
Diff=      0      0      0      0

```

```

. quietly prvalue, x(HCTrebels=0 demdum=1 demHCTrebels=0 lnpop=mean lngdppc=mean
warage==mean) rest(median) save

```

```

. prvalue, x(HCTrebels=1 demdum=1 demHCTrebels=1 lnpop=mean lngdppc=mean warage==mean)
rest(median) diff

```

mlogit: Change in Predictions for outcomeWL

Confidence intervals by delta method

	Current	Saved	Change	95% CI for Change
Pr (y=0 x):	0.0107	0.0155	-0.0048	[-0.0376, 0.0279]
Pr (y=2 x):	0.0223	0.1119	-0.0896	[-0.1531, -0.0260]
Pr (y=1 x):	0.9670	0.8725	0.0944	[0.0262, 0.1627]

```

transformC HCTrebels demdum demHCTrebels o_rebstren~h independen~C
lnpop lngdppc
Current=      1      1      1      1      1
0      10.318821      7.697998
Saved=      0      1      0      1      1
0      10.318821      7.697998
Diff=      1      0      1      0      0
0      0      0

africa diffreligion lntimeatst~e warage
Current=      0      0      7.839112      5.5583039
Saved=      0      0      7.839112      5.5583039
Diff=      0      0      0      0

```

```

. */robustness/*

```

```

. */cluster/*

```

```

. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate warage if keepobs==1,
cluster(conflictcluster) nolog

```

```

Multinomial logistic regression      Number of obs      =      566
Wald chi2(24)      =      119.28
Prob > chi2      =      0.0000
Log pseudolikelihood = -260.74709      Pseudo R2      =      0.1213

```

(Std. Err. adjusted for 74 clusters in conflictcluster)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
0						
HCTrebels	-.1211865	.4768642	-0.25	0.799	-1.055823	.8134503
demdum	-1.51517	1.201133	-1.26	0.207	-3.869346	.839007

demHCTrebels		-.3537346	1.242002	-0.28	0.776	-2.788013	2.080544
o_rebstren~h		-.6966265	.3069019	-2.27	0.023	-1.298143	-.0951098
independen~C		-.5427428	.699183	-0.78	0.438	-1.913116	.8276307
transformC		-.9029135	.8104289	-1.11	0.265	-2.491325	.685498
lnpop		.1701744	.1919837	0.89	0.375	-.2061067	.5464555
lngdppc		.5918213	.3532419	1.68	0.094	-.10052	1.284163
africa		-.8584784	.6555323	-1.31	0.190	-2.143298	.4263413
diffreligion		-.2456122	.4474073	-0.55	0.583	-1.122514	.63129
lntimeatst~e		-.1647541	.1717374	-0.96	0.337	-.5013532	.1718451
warage		-.0279781	.031865	-0.88	0.380	-.0904324	.0344762
_cons		-6.140189	4.010784	-1.53	0.126	-14.00118	1.720804

1 | (base outcome)

2

HCTrebels		-2.072412	1.194467	-1.74	0.083	-4.413524	.2686999
demdum		-.0634673	.5225206	-0.12	0.903	-1.087589	.9606542
demHCTrebels		.3585048	1.242414	0.29	0.773	-2.076581	2.793591
o_rebstren~h		.6087572	.228896	2.66	0.008	.1601293	1.057385
independen~C		-.7336121	.3516153	-2.09	0.037	-1.422765	-.0444588
transformC		-.7876407	.3463802	-2.27	0.023	-1.466533	-.108748
lnpop		-.0994951	.1311902	-0.76	0.448	-.3566232	.157633
lngdppc		-.2807781	.2735923	-1.03	0.305	-.8170091	.2554529
africa		-.4859862	.3350206	-1.45	0.147	-1.142615	.1706422
diffreligion		.864341	.4138088	2.09	0.037	.0532907	1.675391
lntimeatst~e		.2340402	.1623303	1.44	0.149	-.0841214	.5522017
warage		-.0386537	.0286431	-1.35	0.177	-.0947932	.0174858
_cons		-.2968406	2.489535	-0.12	0.905	-5.176239	4.582558

. */mountains & outbidding/*

```
. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate warage lnmtnest act2 if keepobs==1,
cluster(js_countryid) nolog
```

Multinomial logistic regression	Number of obs	=	566
	Wald chi2(28)	=	401.67
	Prob > chi2	=	0.0000
Log pseudolikelihood = -256.66216	Pseudo R2	=	0.1351

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeWL		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
0						
HCTrebels		-.2317903	.4456422	-0.52	0.603	-1.105233 .6416524
demdum		-1.345974	1.271209	-1.06	0.290	-3.837498 1.14555
demHCTrebels		-.2572621	1.263199	-0.20	0.839	-2.733086 2.218562
o_rebstren~h		-.8250332	.3728557	-2.21	0.027	-1.555817 -.0942496
independen~C		-.2543366	.7621763	-0.33	0.739	-1.748175 1.239502
transformC		-.4519934	.8392567	-0.54	0.590	-2.096906 1.192919
lnpop		.1185043	.2062975	0.57	0.566	-.2858314 .52284
lngdppc		.3797279	.4080596	0.93	0.352	-.4200541 1.17951
africa		-1.260587	.7537206	-1.67	0.094	-2.737853 .2166779
diffreligion		-.5496285	.4280232	-1.28	0.199	-1.388539 .2892815
lntimeatst~e		-.1742191	.1430265	-1.22	0.223	-.4545459 .1061078
warage		-.0270722	.0274762	-0.99	0.324	-.0809246 .0267803
lnmtnest		-.4563544	.1889716	-2.41	0.016	-.8267319 -.0859769
act2		-.6928224	.4506906	-1.54	0.124	-1.57616 .190515

_cons	-2.552182	5.247091	-0.49	0.627	-12.83629	7.731927

1	(base outcome)					

2						
HCTrebels	-1.83465	1.249401	-1.47	0.142	-4.283432	.6141313
demdum	.0319831	.571266	0.06	0.955	-1.087678	1.151644
demHCTrebels	-.0169366	1.342974	-0.01	0.990	-2.649118	2.615245
o_rebstren~h	.6519224	.204607	3.19	0.001	.2509	1.052945
independen~C	-.7892248	.3248592	-2.43	0.015	-1.425937	-.1525125
transformC	-1.043952	.4364036	-2.39	0.017	-1.899288	-.188617
lnpop	-.0826005	.1428055	-0.58	0.563	-.362494	.1972931
lngdppc	-.2006913	.2987865	-0.67	0.502	-.786302	.3849195
africa	-.3473754	.4189854	-0.83	0.407	-1.168572	.4738208
diffreligion	.8141395	.3891976	2.09	0.036	.0513262	1.576953
lntimeatst~e	.2475429	.1756946	1.41	0.159	-.0968123	.591898
warage	-.0367179	.0268586	-1.37	0.172	-.0893598	.015924
lnmntnest	.0990789	.1429717	0.69	0.488	-.1811405	.3792983
act2	.3554359	.2539456	1.40	0.162	-.1422884	.8531601
_cons	-1.612942	2.951919	-0.55	0.585	-7.398598	4.172714

. */pre1989 start/*

```
. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate pre1989start if keepobs==1,
cluster(js_countryid) nolog
```

```
Multinomial logistic regression          Number of obs   =          566
                                         Wald chi2(24)    =          174.37
                                         Prob > chi2      =           0.0000
Log pseudolikelihood = -262.03521        Pseudo R2       =           0.1170
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

0						
HCTrebels	-.0204793	.4862841	-0.04	0.966	-.9735786	.93262
demdum	-1.523467	1.310728	-1.16	0.245	-4.092446	1.045513
demHCTrebels	-.4366262	1.2645	-0.35	0.730	-2.915001	2.041748
o_rebstren~h	-.6404001	.3118011	-2.05	0.040	-1.251519	-.0292811
independen~C	-.5491927	.7204672	-0.76	0.446	-1.961283	.8628972
transformC	-.9101835	.8136399	-1.12	0.263	-2.504888	.6845214
lnpop	.1969716	.210365	0.94	0.349	-.2153362	.6092794
lngdppc	.6287998	.3836074	1.64	0.101	-.1230569	1.380657
africa	-.7570928	.7105554	-1.07	0.287	-2.149756	.6355703
diffreligion	-.2655166	.3432644	-0.77	0.439	-.9383025	.4072692
lntimeatst~e	-.2199314	.1711924	-1.28	0.199	-.5554624	.1155996
pre1989start	-.0693488	.6204635	-0.11	0.911	-1.285435	1.146737
_cons	-6.456712	4.621466	-1.40	0.162	-15.51462	2.601195

1	(base outcome)					

2						
HCTrebels	-1.954736	1.224494	-1.60	0.110	-4.3547	.4452278
demdum	-.077715	.5335455	-0.15	0.884	-1.123445	.968015
demHCTrebels	.251717	1.257958	0.20	0.841	-2.213835	2.717269
o_rebstren~h	.660786	.250261	2.64	0.008	.1702834	1.151289
independen~C	-.7389855	.3365476	-2.20	0.028	-1.398607	-.0793644

Log pseudolikelihood = -164.94501

Pseudo R2 = 0.1567

(Std. Err. adjusted for 37 clusters in js_countryid)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
0						
HCTrebels	-.2193815	.4847455	-0.45	0.651	-1.169465	.7307023
demdum	-.6777029	1.538328	-0.44	0.660	-3.69277	2.337364
demHCTrebels	-.5657655	1.386748	-0.41	0.683	-3.283741	2.15221
o_rebstren~h	-.5094434	.3384297	-1.51	0.132	-1.172753	.1538667
independen~C	-1.174193	.9106373	-1.29	0.197	-2.95901	.6106229
transformC	-.9711581	1.004956	-0.97	0.334	-2.940836	.9985201
lnpop	.0636866	.2410534	0.26	0.792	-.4087693	.5361426
lngdppc	.5835166	.464773	1.26	0.209	-.3274217	1.494455
africa	-.6637465	.8227288	-0.81	0.420	-2.276265	.9487723
diffreligion	.0254861	.4825917	0.05	0.958	-.9203762	.9713484
lntimeatst~e	-.1914884	.1837984	-1.04	0.297	-.5517268	.1687499
_cons	-4.878215	5.304987	-0.92	0.358	-15.2758	5.519368
1	(base outcome)					
2						
HCTrebels	-2.471993	1.301767	-1.90	0.058	-5.023409	.0794226
demdum	-.6047643	.5929668	-1.02	0.308	-1.766958	.5574293
demHCTrebels	-12.57902	1.33092	-9.45	0.000	-15.18757	-9.970463
o_rebstren~h	.8770816	.2694573	3.25	0.001	.348955	1.405208
independen~C	-.7589353	.4687724	-1.62	0.105	-1.677712	.1598417
transformC	-1.187456	.5376501	-2.21	0.027	-2.241231	-.1336814
lnpop	.0385385	.1230413	0.31	0.754	-.202618	.279695
lngdppc	-.2402678	.383421	-0.63	0.531	-.9917591	.5112235
africa	-.7884044	.3938507	-2.00	0.045	-1.560338	-.0164713
diffreligion	1.079052	.5354281	2.02	0.044	.0296321	2.128471
lntimeatst~e	.3745158	.2183579	1.72	0.086	-.0534578	.8024893
_cons	-2.8449	3.38306	-0.84	0.400	-9.475576	3.785777

. */outcome changed/*

. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop lngdppc africa diffreligion lntimeatstate warage if keepobs==1 & outcomechanged~=1, cluster(js_countryid) nolog

Multinomial logistic regression

Number of obs = 518

Wald chi2(24) = 1084.41

Prob > chi2 = 0.0000

Log pseudolikelihood = -240.49417

Pseudo R2 = 0.1334

(Std. Err. adjusted for 48 clusters in js_countryid)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
0						
HCTrebels	-.1171619	.5797038	-0.20	0.840	-1.253361	1.019037
demdum	-1.382034	1.34082	-1.03	0.303	-4.009993	1.245926
demHCTrebels	-.4192239	1.433776	-0.29	0.770	-3.229373	2.390925
o_rebstren~h	-.6355971	.3343306	-1.90	0.057	-1.290873	.0196787
independen~C	-.4206377	.7119611	-0.59	0.555	-1.816056	.9747805
transformC	-.7456858	.7735442	-0.96	0.335	-2.261805	.770433

lnpop		.1611662	.2111265	0.76	0.445	-.2526342	.5749666
lngdppc		.5388059	.3930323	1.37	0.170	-.2315232	1.309135
africa		-.7824209	.7024329	-1.11	0.265	-2.159164	.5943222
diffreligion		-.2516509	.3850079	-0.65	0.513	-1.006252	.5029507
lntimeatst~e		-.1881244	.1700669	-1.11	0.269	-.5214494	.1452006
warage		-.0252989	.027652	-0.91	0.360	-.0794959	.0288981
_cons		-5.619124	4.601981	-1.22	0.222	-14.63884	3.400593

1 (base outcome)

2							
HCTrebels		-15.27244	.9797245	-15.59	0.000	-17.19266	-13.35221
demdum		-.1480734	.5227356	-0.28	0.777	-1.172616	.8764696
demHCTrebels		13.59972	1.072182	12.68	0.000	11.49828	15.70116
o_rebstren~h		.6863032	.2274221	3.02	0.003	.2405641	1.132042
independen~C		-.6787495	.3477141	-1.95	0.051	-1.360257	.0027576
transformC		-.8382809	.3831946	-2.19	0.029	-1.589329	-.0872332
lnpop		-.0959827	.1338503	-0.72	0.473	-.3583245	.1663591
lngdppc		-.319386	.3067619	-1.04	0.298	-.9206282	.2818563
africa		-.3166179	.3821303	-0.83	0.407	-1.06558	.4323436
diffreligion		1.233413	.3925609	3.14	0.002	.4640077	2.002818
lntimeatst~e		.2846447	.1852781	1.54	0.124	-.0784938	.6477832
warage		-.0401991	.0281642	-1.43	0.153	-.0953999	.0150017
_cons		-.6434622	2.495074	-0.26	0.796	-5.533718	4.246794

```
. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate warage if keepobs==1 & outcomechanged~=2,
cluster(js_countryid) nolog
```

```
Multinomial logistic regression                               Number of obs   =          556
                                                            Wald chi2(24)   =          138.20
                                                            Prob > chi2     =           0.0000
Log pseudolikelihood = -251.65216                          Pseudo R2      =           0.1350
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeWL		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
0						
HCTrebels		-.1106763	.4516008	-0.25	0.806	-.9957976 .7744451
demdum		-1.514545	1.331829	-1.14	0.255	-4.124882 1.095791
demHCTrebels		-.3236583	1.291618	-0.25	0.802	-2.855184 2.207867
o_rebstren~h		-.6938958	.3100488	-2.24	0.025	-1.30158 -.0862114
independen~C		-.5599067	.7019587	-0.80	0.425	-1.93572 .815907
transformC		-.9223417	.803754	-1.15	0.251	-2.497671 .6529871
lnpop		.1739659	.2098676	0.83	0.407	-.2373671 .5852989
lngdppc		.6091032	.3948237	1.54	0.123	-.164737 1.382943
africa		-.8434677	.7111098	-1.19	0.236	-2.237217 .550282
diffreligion		-.2357922	.3696867	-0.64	0.524	-.9603647 .4887804
lntimeatst~e		-.1652297	.1688794	-0.98	0.328	-.4962273 .165768
warage		-.0247577	.029392	-0.84	0.400	-.082365 .0328496
_cons		-6.317757	4.674929	-1.35	0.177	-15.48045 2.844935

1 (base outcome)

2							
HCTrebels		-2.118916	1.212979	-1.75	0.081	-4.496311	.2584794
demdum		-.0954195	.5413252	-0.18	0.860	-1.156397	.9655584
demHCTrebels		-.6055756	1.51828	-0.40	0.690	-3.581349	2.370198

o_rebstren~h	.592437	.2527587	2.34	0.019	.097039	1.087835
independen~C	-.706874	.362261	-1.95	0.051	-1.416893	.0031445
transformC	-.7548972	.3522243	-2.14	0.032	-1.445244	-.0645503
lnpop	-.0913198	.1474631	-0.62	0.536	-.3803422	.1977026
lngdppc	-.358652	.3064944	-1.17	0.242	-.9593701	.242066
africa	-.5755585	.3625657	-1.59	0.112	-1.286174	.1350571
diffreligion	.8242432	.4432429	1.86	0.063	-.0444971	1.692983
lntimeatst~e	.2570467	.174139	1.48	0.140	-.0842594	.5983529
warage	-.0525832	.0282411	-1.86	0.063	-.1079348	.0027684
_cons	.1413616	2.654889	0.05	0.958	-5.062126	5.344849

```
. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate warage if keepobs==1 & outcomechanged~3,
cluster(js_countryid) nolog
```

```
Multinomial logistic regression          Number of obs   =          560
                                         Wald chi2(24)    =          220.31
                                         Prob > chi2      =          0.0000
Log pseudolikelihood = -256.1287         Pseudo R2       =          0.1192
```

(Std. Err. adjusted for 49 clusters in js_countryid)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

0						
HCTrebels	-.119651	.4638553	-0.26	0.796	-1.028791	.7894886
demdum	-1.538805	1.425929	-1.08	0.281	-4.333575	1.255964
demHCTrebels	-.5637096	1.381586	-0.41	0.683	-3.271567	2.144148
o_rebstren~h	-.6776883	.3109665	-2.18	0.029	-1.287171	-.0682053
independen~C	-.4357119	.7225124	-0.60	0.546	-1.85181	.9803864
transformC	-.8026356	.7982412	-1.01	0.315	-2.367159	.7618884
lnpop	.1440019	.2236402	0.64	0.520	-.2943249	.5823286
lngdppc	.4269703	.3875801	1.10	0.271	-.3326727	1.186613
africa	-.9965556	.7280987	-1.37	0.171	-2.423603	.4304918
diffreligion	-.1995861	.3795038	-0.53	0.599	-.9433999	.5442278
lntimeatst~e	.0072557	.1956922	0.04	0.970	-.3762939	.3908054
warage	-.0478088	.0284145	-1.68	0.092	-.1035002	.0078827
_cons	-5.822225	5.019267	-1.16	0.246	-15.65981	4.015358

1	(base outcome)					

2						
HCTrebels	-2.052575	1.219435	-1.68	0.092	-4.442624	.337473
demdum	-.0664396	.5168388	-0.13	0.898	-1.079425	.9465459
demHCTrebels	.3168462	1.249509	0.25	0.800	-2.132146	2.765839
o_rebstren~h	.6241284	.241223	2.59	0.010	.15134	1.096917
independen~C	-.7560791	.3567556	-2.12	0.034	-1.455307	-.056851
transformC	-.8563809	.3569485	-2.40	0.016	-1.555987	-.1567747
lnpop	-.0881343	.134325	-0.66	0.512	-.3514065	.1751378
lngdppc	-.2600899	.2997868	-0.87	0.386	-.8476613	.3274815
africa	-.4952838	.3757778	-1.32	0.187	-1.231795	.2412271
diffreligion	.8693958	.4226287	2.06	0.040	.0410589	1.697733
lntimeatst~e	.2327673	.1665889	1.40	0.162	-.093741	.5592756
warage	-.0376365	.027017	-1.39	0.164	-.0905889	.0153158
_cons	-.5527819	2.595673	-0.21	0.831	-5.640207	4.534643

```
. mlogit outcomeWL HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC
lnpop lngdppc africa diffreligion lntimeatstate warage if keepobs==1 & outcomechanged==0,
```

cluster(js_countryid) nolog

Multinomial logistic regression

Number of obs = 502
 Wald chi2(24) = 949.09
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.1445

Log pseudolikelihood = -227.3518

(Std. Err. adjusted for 47 clusters in js_countryid)

outcomeWL	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
0						
HCTrebels	-.0160658	.5827218	-0.03	0.978	-1.15818	1.126048
demdum	-1.366183	1.381742	-0.99	0.323	-4.074349	1.341982
demHCTrebels	-.7056637	1.476647	-0.48	0.633	-3.599839	2.188511
o_rebstren~h	-.5827241	.332563	-1.75	0.080	-1.234536	.0690874
independen~C	-.2826631	.731041	-0.39	0.699	-1.715477	1.150151
transformC	-.6558092	.7984256	-0.82	0.411	-2.220695	.9090762
lnpop	.1297508	.2216019	0.59	0.558	-.304581	.5640825
lngdppc	.3628597	.4116324	0.88	0.378	-.443925	1.169644
africa	-.8928921	.71883	-1.24	0.214	-2.301773	.5159889
diffreligion	-.1783208	.3833424	-0.47	0.642	-.929658	.5730164
lntimeatst~e	-.0193061	.200797	-0.10	0.923	-.412861	.3742488
warage	-.0428407	.028255	-1.52	0.129	-.0982194	.012538
_cons	-5.197532	5.095215	-1.02	0.308	-15.18397	4.788906
1	(base outcome)					
2						
HCTrebels	-15.32023	.9843073	-15.56	0.000	-17.24944	-13.39103
demdum	-.1869143	.5422663	-0.34	0.730	-1.249737	.8759081
demHCTrebels	12.61187	1.403008	8.99	0.000	9.862026	15.36172
o_rebstren~h	.6894347	.2500824	2.76	0.006	.1992823	1.179587
independen~C	-.6741353	.3612899	-1.87	0.062	-1.382251	.0339799
transformC	-.8906693	.402881	-2.21	0.027	-1.680302	-.101037
lnpop	-.0701037	.1457084	-0.48	0.630	-.355687	.2154795
lngdppc	-.3787315	.300626	-1.26	0.208	-.9679476	.2104846
africa	-.4178051	.3730103	-1.12	0.263	-1.148892	.3132816
diffreligion	1.214001	.4196311	2.89	0.004	.3915394	2.036463
lntimeatst~e	.3038138	.1922419	1.58	0.114	-.0729734	.6806011
warage	-.0524414	.0287136	-1.83	0.068	-.108719	.0038362
_cons	-.4905808	2.542723	-0.19	0.847	-5.474227	4.493065

. */table 5a, model 3/*

. */Failure/*

. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeWL=0)

id: VPFid
 failure event: outcomeWL == 0
 obs. time interval: (enddate2009[_n-1], enddate2009)
 exit on or before: failure
 t for analysis: (time-origin)
 origin: time startdate

```
1083 total obs.
68 ignored because VPFid missing
```

```
-----
1015 obs. remaining, representing
104 subjects
27 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056
```

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1, compete(outcomeWL=2) vce(cluster
js_countryid) nolog
```

```
failure _d: outcomeWL == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event : outcomeWL == 0      No. failed      =       27
Competing event: outcomeWL == 2     No. competing   =       60
                                     No. censored    =       17

                                     Wald chi2(11)   =      66.03
Log pseudolikelihood = -95.116651    Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----
```

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		1.786498	.8460674	1.23	0.220	.7061256	4.519839
demdum		.5128741	.5752489	-0.60	0.552	.056923	4.620977
demHCTrebels		.4922768	.5655814	-0.62	0.537	.0517912	4.679103
o_rebstren~h		.3904554	.1121068	-3.28	0.001	.2224211	.6854358
independen~C		.8405237	.5079013	-0.29	0.774	.2571558	2.747284
transformC		.7008516	.5175113	-0.48	0.630	.1648526	2.979588
lnpop		1.102708	.1948813	0.55	0.580	.7798801	1.559169
lngdppc		1.70608	.5878366	1.55	0.121	.8683892	3.351847
africa		.570235	.3998191	-0.80	0.423	.1442898	2.253576
diffreligion		.6102383	.2079981	-1.45	0.147	.3128741	1.190226
warage		1.125597	.0589094	2.26	0.024	1.015861	1.247187

```
-----
```

```
. */figure 6a Failure*/
```

```
. stcurve, cif at1(HCTrebels=0, demdum=0, demHCTrebel=0, o_rebstrength=1, independenceC=1,
transformC=0, africa=0, diffreligion=0) at2(HCTrebels=1, demdum=0, demHCTrebels=0,
o_rebstrength=1, independenceC=1, transformC=0, africa=0, diffreligion=0) at3(HCTrebels=0,
demdum=1, demHCTrebel=0, o_rebstrength=1, independenceC=1, transformC=0, africa=0,
diffreligion=0) at4(HCTrebels=1, demdum=1, demHCTrebels=1, o_rebstrength=1,
independenceC=1, transformC=0, africa=0, diffreligion=0) legend(off) title("Failure
(Government Victory or Low Activity)") xtitle("Years at War (analysis time)") xtick(0
3652.5 7305 10957.5) xlabel(0 "0" 3652.5 "10" 7305 "20" 10957.5 "30") yscale(range (0
.8)) ytick(0 .2 .4 .6 .8) ylabel(0 "0" .2 ".2" .4 ".4" .6 ".6" .8 ".8")
```

```
note: label truncated to 80 characters
```

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. */edit in graph editor -- be careful to label plot lines accurately/*

. */robust/*

. */cluster/*

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
 lngdppc africa diffreligion warage if keepobs==1, compete(outcomeWL=2) vce(cluster
 conflictcluster) nolog

failure _d: outcomeWL == 0
 analysis time _t: (enddate2009-origin)
 origin: time startdate
 id: VPFid

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeWL == 0	No. failed	=	27
Competing event: outcomeWL == 2	No. competing	=	60
	No. censored	=	17

	Wald chi2(11)	=	45.05
Log pseudolikelihood = -95.116651	Prob > chi2	=	0.0000

(Std. Err. adjusted for 74 clusters in conflictcluster)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels		1.786498	.9787491	1.06	0.290	.6104695	5.228065
demdum		.5128741	.5255285	-0.65	0.515	.0688347	3.821329
demHCTrebels		.4922768	.5683754	-0.61	0.539	.0512183	4.731445
o_rebstren~h		.3904554	.1158614	-3.17	0.002	.2182685	.6984765
independen~C		.8405237	.5649276	-0.26	0.796	.2251364	3.13801
transformC		.7008516	.5324178	-0.47	0.640	.1581217	3.106423
lnpop		1.102708	.1941016	0.56	0.579	.7809616	1.55701
lngdppc		1.70608	.6133204	1.49	0.137	.8433347	3.451427
africa		.570235	.3808491	-0.84	0.400	.1540113	2.111325
diffreligion		.6102383	.2657827	-1.13	0.257	.259877	1.43295
warage		1.125597	.053292	2.50	0.012	1.025846	1.235047

. */mountains and outbidding/*

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
 lngdppc africa diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeWL=2)
 vce(cluster js_countryid) nolog

failure _d: outcomeWL == 0
 analysis time _t: (enddate2009-origin)
 origin: time startdate
 id: VPFid

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104


```

Failure event : outcomeWL == 0          No. failed      =      27
Competing event: outcomeWL == 2        No. competing   =      60
                                          No. censored    =      17

                                          Wald chi2(13)   =      70.47
Log pseudolikelihood = -91.167167      Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	1.605746	.6551825	1.16	0.246	.7217163 3.572624
demdum	.4284825	.439014	-0.83	0.408	.0575188 3.19195
demHCTrebels	.6212685	.6730646	-0.44	0.660	.0743211 5.193341
o_rebstren~h	.2885915	.1027884	-3.49	0.000	.1435848 .5800405
independen~C	1.109073	.7184854	0.16	0.873	.311552 3.948116
transformC	.9783852	.7456067	-0.03	0.977	.2196985 4.35705
lnpop	1.044223	.1777489	0.25	0.799	.747998 1.457759
lngdppc	1.398563	.5038743	0.93	0.352	.6902571 2.833694
africa	.4235549	.2894164	-1.26	0.209	.1109893 1.616361
diffreligion	.4346958	.1668062	-2.17	0.030	.2049053 .9221842
warage	1.108924	.0635955	1.80	0.071	.9910289 1.240844
lnmntest	.6435092	.102285	-2.77	0.006	.4712564 .8787234
act2	.4224074	.1902381	-1.91	0.056	.1747346 1.021137

. */pre 1989 start/*

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion pre1989start if keepobs==1, compete(outcomeWL=2) vce(cluster
js_countryid) nolog

```

```

failure_d: outcomeWL == 0
analysis time_t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event : outcomeWL == 0      No. failed      =      27
Competing event: outcomeWL == 2    No. competing   =      60
                                     No. censored    =      17

                                     Wald chi2(11)   =      58.33
Log pseudolikelihood = -95.594563   Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	1.768377	.8333137	1.21	0.226	.7022024 4.453354
demdum	.4794383	.5368132	-0.66	0.511	.0534155 4.303269
demHCTrebels	.5429249	.594926	-0.56	0.577	.0633885 4.650172
o_rebstren~h	.3730226	.1109629	-3.32	0.001	.208223 .6682543
independen~C	.9484779	.6164208	-0.08	0.935	.2653548 3.390218
transformC	.7545596	.5674906	-0.37	0.708	.1727906 3.295087
lnpop	1.100175	.1897965	0.55	0.580	.7845431 1.542789
lngdppc	1.709295	.591489	1.55	0.121	.8674911 3.367977
africa	.5853596	.4005168	-0.78	0.434	.1531125 2.23787

```

diffreligion | .6007605 .2151345 -1.42 0.155 .2977714 1.212048
prel989start | 3.176502 1.723092 2.13 0.033 1.097022 9.197777

```

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion, compete(outcomeWL=2) vce(cluster js_countryid) nolog

```

```

failure _d: outcomeWL == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs          =          1015
                                     No. of subjects     =           104
Failure event : outcomeWL == 0      No. failed          =           27
Competing event: outcomeWL == 2     No. competing       =           60
                                     No. censored        =           17

```

```

Log pseudolikelihood = -108.67803      Wald chi2(10)       =          35.41
                                     Prob > chi2         =          0.0001

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	2.321063	1.241469	1.57	0.115	.8135867	6.621707
demdum	.4145	.4798804	-0.76	0.447	.0428608	4.008563
demHCTrebels	.4840532	.6239411	-0.56	0.574	.038699	6.054606
o_rebstren~h	.4413535	.1298078	-2.78	0.005	.2479918	.7854815
independen~C	.7915079	.5333473	-0.35	0.729	.2112925	2.965011
transformC	.7195409	.5925538	-0.40	0.689	.1432442	3.614381
lnpop	1.242606	.213931	1.26	0.207	.8867229	1.741322
lngdppc	1.559253	.4704152	1.47	0.141	.8632076	2.816552
africa	.5862543	.4442126	-0.70	0.481	.1327759	2.588527
diffreligion	.7606887	.2820029	-0.74	0.461	.3678316	1.573131

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion if prel989start==0, compete(outcomeWL=2) vce(cluster
js_countryid) nolog

```

```

failure _d: outcomeWL == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs          =          356
                                     No. of subjects     =           70
Failure event : outcomeWL == 0      No. failed          =           20
Competing event: outcomeWL == 2     No. competing       =           38
                                     No. censored        =           12

```

```

Log pseudolikelihood = -73.102012      Wald chi2(10)       =          47.36
                                     Prob > chi2         =          0.0000

```

(Std. Err. adjusted for 37 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
--	-----	------------------	---	------	----------------------	--

HCTrebels		1.410706	.6467446	0.75	0.453	.5743801	3.464765
demdum		.8885193	1.163811	-0.09	0.928	.0681925	11.57704
demHCTrebels		.6227751	.7562234	-0.39	0.697	.0576414	6.728656
o_rebstren~h		.4790646	.1533738	-2.30	0.022	.2557877	.8972399
independen~C		.4432132	.3947238	-0.91	0.361	.0773635	2.539155
transformC		.7021999	.6360396	-0.39	0.696	.1189757	4.144415
lnpop		1.07705	.2500227	0.32	0.749	.6833464	1.697583
lngdppc		1.828681	.9419417	1.17	0.241	.66633	5.018643
africa		.9021282	.7678652	-0.12	0.904	.170118	4.783945
diffreligion		.750524	.3646908	-0.59	0.555	.2895697	1.945253

. */outcome changed/*

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged~1, compete(outcomeWL=2)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeWL == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	518
	No. of subjects	=	99
Failure event : outcomeWL == 0	No. failed	=	26
Competing event: outcomeWL == 2	No. competing	=	56
	No. censored	=	17

Log pseudolikelihood = -89.419459	Wald chi2(11)	=	57.91
	Prob > chi2	=	0.0000

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]		
HCTrebels		1.453045	.7717402	0.70	0.482	.5130851	4.114988
demdum		.5578695	.6135511	-0.53	0.596	.0646207	4.816078
demHCTrebels		.5487192	.6672414	-0.49	0.622	.0506163	5.948528
o_rebstren~h		.4152173	.1261603	-2.89	0.004	.2288996	.7531922
independen~C		.8464413	.5439159	-0.26	0.795	.2402271	2.98244
transformC		.8285434	.5624638	-0.28	0.782	.2190129	3.134446
lnpop		1.116193	.2024293	0.61	0.544	.7822909	1.592615
lngdppc		1.669697	.6011708	1.42	0.154	.8244497	3.381512
africa		.596248	.4115127	-0.75	0.454	.1541533	2.306222
diffreligion		.5583152	.2106069	-1.55	0.122	.2665572	1.169415
warage		1.165443	.057906	3.08	0.002	1.057301	1.284647

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged~2, compete(outcomeWL=2)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeWL == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	556
	No. of subjects	=	102

```

Failure event : outcomeWL == 0          No. failed      =      27
Competing event: outcomeWL == 2        No. competing   =      58
                                          No. censored    =      17

                                          Wald chi2(11)   =      67.27
Log pseudolikelihood = -94.042613      Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	1.915455	.9410278	1.32	0.186	.7312946 5.017087
demdum	.5590982	.6070049	-0.54	0.592	.0665811 4.69489
demHCTrebels	.5133059	.5714222	-0.60	0.549	.0579165 4.549362
o_rebstren~h	.39099	.114901	-3.20	0.001	.2197968 .6955203
independen~C	.7738625	.4824129	-0.41	0.681	.2280547 2.625963
transformC	.6441127	.5021529	-0.56	0.573	.1397532 2.968671
lnpop	1.107153	.19925	0.57	0.572	.7780723 1.575415
lngdppc	1.850307	.7134926	1.60	0.111	.8689883 3.939795
africa	.6030745	.4354896	-0.70	0.484	.1464553 2.483345
diffreligion	.6828986	.2380993	-1.09	0.274	.3448073 1.352496
warage	1.158832	.0622604	2.74	0.006	1.043009 1.287516

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged~3, compete(outcomeWL=2)
vce(cluster js_countryid) nolog

```

```

failure_d: outcomeWL == 0
analysis time_t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      560
                                     No. of subjects =      102
Failure event : outcomeWL == 0      No. failed      =      26
Competing event: outcomeWL == 2    No. competing   =      59
                                     No. censored    =      17

                                     Wald chi2(11)   =      76.73
Log pseudolikelihood = -91.451352   Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	1.849397	.875161	1.30	0.194	.7315254 4.67553
demdum	.5149826	.6075864	-0.56	0.574	.0509951 5.200638
demHCTrebels	.380379	.4652037	-0.79	0.429	.0346096 4.18058
o_rebstren~h	.391911	.1128903	-3.25	0.001	.2228425 .6892502
independen~C	.9499676	.5759011	-0.08	0.933	.2895228 3.116985
transformC	.7861079	.5772522	-0.33	0.743	.1863934 3.315383
lnpop	1.085125	.2052689	0.43	0.666	.7489645 1.572166
lngdppc	1.45369	.5086962	1.07	0.285	.732162 2.886267
africa	.5057049	.362902	-0.95	0.342	.1238972 2.064111
diffreligion	.6160605	.211902	-1.41	0.159	.3139364 1.208941
warage	1.130646	.0579478	2.40	0.017	1.022589 1.250122

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeWL=2)
vce(cluster js_countryid) nolog
```

```
failure _d: outcomeWL == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      502
                                No. of subjects =      95
Failure event : outcomeWL == 0  No. failed      =      25
Competing event: outcomeWL == 2 No. competing   =      53
                                No. censored    =      17

                                Wald chi2(11)    =      66.48
Log pseudolikelihood = -84.867363  Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 47 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	1.582726	.8617363	0.84	0.399	.5444494 4.601017
demdum	.5959849	.662239	-0.47	0.641	.0675162 5.260932
demHCTrebels	.4605692	.5559439	-0.64	0.521	.0432341 4.906402
o_rebstren~h	.4147522	.1267901	-2.88	0.004	.2278115 .7550954
independen~C	.8907263	.5883153	-0.18	0.861	.2440814 3.250528
transformC	.870316	.626091	-0.19	0.847	.2124891 3.564653
lnpop	1.0935	.2108601	0.46	0.643	.7493435 1.595719
lngdppc	1.515956	.5883401	1.07	0.284	.7084947 3.243669
africa	.5579234	.3997627	-0.81	0.415	.1369848 2.272357
diffreligion	.6172931	.2378746	-1.25	0.211	.2900548 1.31372
warage	1.201365	.05516	4.00	0.000	1.097975 1.31449

/table 5a model 3 success/

```
. stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeWL=2)
```

```
id: VPFid
failure event: outcomeWL == 2
obs. time interval: (enddate2009[_n-1], enddate2009]
exit on or before: failure
t for analysis: (time-origin)
origin: time startdate
```

```
-----
1083 total obs.
68 ignored because VPFid missing
-----
```

```
1015 obs. remaining, representing
104 subjects
60 failures in single failure-per-subject data
353840 total analysis time at risk, at risk from t = 0
earliest observed entry t = 0
last observed exit t = 20056
```

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1, compete(outcomeWL=0) vce(cluster
```

```
js_countryid) nolog
```

```
failure _d: outcomeWL == 2  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566  
                                   No. of subjects =      104  
Failure event : outcomeWL == 2     No. failed      =       60  
Competing event: outcomeWL == 0    No. competing   =       27  
                                   No. censored    =       17  
  
                                   Wald chi2(11)    =       79.46  
Log pseudolikelihood = -188.16454  Prob > chi2     =       0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.19574	.2392066	-1.33	0.182	.0178426	2.147342
demdum	1.240886	.6540107	0.41	0.682	.4416774	3.486252
demHCTrebels	1.28947	1.660674	0.20	0.844	.1033171	16.0935
o_rebstren~h	2.02556	.4206802	3.40	0.001	1.348226	3.04318
independen~C	.6086831	.1907364	-1.58	0.113	.3293514	1.124923
transformC	.5904169	.187252	-1.66	0.097	.3171016	1.099308
lnpop	.8405622	.1044326	-1.40	0.162	.6588938	1.07232
lngdppc	.5649701	.1652556	-1.95	0.051	.3184537	1.002316
africa	.7511378	.2188632	-0.98	0.326	.4243266	1.329655
diffreligion	3.321619	1.215388	3.28	0.001	1.621412	6.80466
warage	1.164347	.0429203	4.13	0.000	1.083191	1.251582

```
. */figure 6b - Success /*
```

```
. stcurve, cif at1(HCTrebels=0, demdum=0, demHCTrebel=0, o_rebstrength=1, independenceC=1,  
transformC=0, africa=0, diffreligion=0) at2(HCTrebels=1, demdum=0, demHCTrebels=0,  
o_rebstrength=1, independenceC=1, transformC=0, africa=0, diffreligion=0) at3(HCTrebels=0,  
demdum=1, demHCTrebel=0, o_rebstrength=1, independenceC=1, transformC=0, africa=0,  
diffreligion=0) at4(HCTrebels=1, demdum=1, demHCTrebels=1, o_rebstrength=1,  
independenceC=1, transformC=0, africa=0, diffreligion=0) legend(off) title("Success  
(Agreement or Rebel Victory)") xtitle("Years at War (analysis time)") xtick(0 3652.5 7305  
10957.5) xlabel(0 "0" 3652.5 "10" 7305 "20" 10957.5 "30") yscale(range (0 .8)) ytick(0 .2  
.4 .6 .8) ylabel(0 "0" .2 ".2" .4 ".4" .6 ".6" .8 ".8")
```

```
note: label truncated to 80 characters  
note: label truncated to 80 characters  
note: label truncated to 80 characters  
note: label truncated to 80 characters
```

```
. */robust/*
```

```
. */cluster/*
```

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop  
lngdppc africa diffreligion warage if keepobs==1, compete(outcomeWL=0) vce(cluster  
conflictcluster) nolog
```

```

failure _d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event : outcomeWL == 2     No. failed      =       60
Competing event: outcomeWL == 0    No. competing   =       27
                                   No. censored    =       17

                                   Wald chi2(11)    =      75.98
Log pseudolikelihood = -188.16454  Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 74 clusters in conflictcluster)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.19574	.2400894	-1.33	0.184	.0176856	2.166409
demdum	1.240886	.626733	0.43	0.669	.4611229	3.339238
demHCTrebels	1.28947	1.640458	0.20	0.842	.1065411	15.6065
o_rebstren~h	2.02556	.4392881	3.25	0.001	1.324168	3.09847
independen~C	.6086831	.2008971	-1.50	0.133	.3187501	1.162337
transformC	.5904169	.1734988	-1.79	0.073	.3319146	1.050247
lnpop	.8405622	.1171607	-1.25	0.213	.6396261	1.104621
lngdppc	.5649701	.1560578	-2.07	0.039	.3287789	.9708384
africa	.7511378	.2111101	-1.02	0.309	.4329983	1.303026
diffreligion	3.321619	1.255464	3.18	0.001	1.583519	6.96749
warage	1.164347	.042573	4.16	0.000	1.083825	1.250851

. */mountains and outbidding/*

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage lnmtnest act2 if keepobs==1, compete(outcomeWL=0)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event : outcomeWL == 2     No. failed      =       60
Competing event: outcomeWL == 0    No. competing   =       27
                                   No. censored    =       17

                                   Wald chi2(13)    =      96.72
Log pseudolikelihood = -186.66987  Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.2431797	.2956508	-1.16	0.245	.022442	2.635077
demdum	1.483031	.8110034	0.72	0.471	.5077691	4.33146
demHCTrebels	.8359558	1.121731	-0.13	0.894	.0602553	11.5977
o_rebstren~h	2.138085	.3628944	4.48	0.000	1.533034	2.981936

independen~C		.4821921	.1606642	-2.19	0.029	.2509596	.926481
transformC		.4213201	.153465	-2.37	0.018	.2063306	.8603213
lnpop		.8575799	.1112343	-1.18	0.236	.6650703	1.105813
lngdppc		.6536433	.191893	-1.45	0.148	.3676628	1.162069
africa		.9080478	.2705562	-0.32	0.746	.5063957	1.628274
diffreligion		3.55145	1.22811	3.66	0.000	1.803249	6.994484
warage		1.150279	.0430634	3.74	0.000	1.068899	1.237856
lnmtnest		1.216181	.1330937	1.79	0.074	.9814002	1.507127
act2		1.269936	.3316019	0.92	0.360	.7612345	2.118581

. */pre 1989 start/*

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop lngdppc africa diffreligion prel989start if keepobs==1, compete(outcomeWL=0) vce(cluster js_countryid) nolog

failure _d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeWL == 2	No. failed	=	60
Competing event: outcomeWL == 0	No. competing	=	27
	No. censored	=	17

Log pseudolikelihood = -191.5785	Wald chi2(11)	=	66.35
	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]
HCTrebels	.1724819	.2077839	-1.46	0.145	.0162677 1.828779
demdum	1.2029	.6563707	0.34	0.735	.4128246 3.505044
demHCTrebels	1.862729	2.469658	0.47	0.639	.138549 25.04357
o_rebstren~h	1.985911	.4466049	3.05	0.002	1.278015 3.085913
independen~C	.6218517	.2141371	-1.38	0.168	.3166447 1.221241
transformC	.6515722	.209833	-1.33	0.183	.3466097 1.224854
lnpop	.8457436	.1073555	-1.32	0.187	.659463 1.084644
lngdppc	.5792266	.1709098	-1.85	0.064	.324854 1.032782
africa	.7025191	.2195131	-1.13	0.258	.3807912 1.296073
diffreligion	2.760069	1.139865	2.46	0.014	1.228534 6.200872
prel989start	3.572639	1.646631	2.76	0.006	1.447671 8.816748

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop lngdppc africa diffreligion , compete(outcomeWL=0) vce(cluster js_countryid) nolog

failure _d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeWL == 2	No. failed	=	60
Competing event: outcomeWL == 0	No. competing	=	27

No. censored = 17

Wald chi2(10) = 54.11

Prob > chi2 = 0.0000

Log pseudolikelihood = -222.15643

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.1324617	.1566059	-1.71	0.087	.0130538	1.344135
demdum	.9743548	.5174961	-0.05	0.961	.3440565	2.759335
demHCTrebels	3.155849	4.064526	0.89	0.372	.2528275	39.392
o_rebstren~h	2.546333	.5304968	4.49	0.000	1.692692	3.830473
independen~C	.5734166	.2005727	-1.59	0.112	.2888899	1.138172
transformC	.6558167	.2523629	-1.10	0.273	.308485	1.394218
lnpop	.8855375	.1238439	-0.87	0.385	.6732325	1.164793
lngdppc	.7167194	.2009643	-1.19	0.235	.4136917	1.241714
africa	.8966994	.2752912	-0.36	0.722	.491274	1.636703
diffreligion	2.612469	.9534406	2.63	0.009	1.277611	5.341997

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion if pre1989start ==0, compete(outcomeWL=0) vce(cluster
js_countryid) nolog
```

```
failure _d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression

No. of obs = 356

No. of subjects = 70

Failure event : outcomeWL == 2

No. failed = 38

Competing event: outcomeWL == 0

No. competing = 20

No. censored = 12

Wald chi2(10) = 1017.96

Prob > chi2 = 0.0000

Log pseudolikelihood = -123.15462

(Std. Err. adjusted for 37 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.1726091	.2126558	-1.43	0.154	.0154304	1.93086
demdum	.731774	.4071548	-0.56	0.575	.2459085	2.177612
demHCTrebels	1.60e-07	2.15e-07	-11.63	0.000	1.14e-08	2.24e-06
o_rebstren~h	2.54905	.518582	4.60	0.000	1.710837	3.797938
independen~C	.7387867	.2976709	-0.75	0.452	.3353932	1.627361
transformC	.4400281	.2138955	-1.69	0.091	.1697131	1.140894
lnpop	1.005007	.1133913	0.04	0.965	.8056213	1.253738
lngdppc	.6172654	.2455019	-1.21	0.225	.2830921	1.34591
africa	.7740599	.2291326	-0.87	0.387	.4333182	1.382745
diffreligion	3.31686	1.695803	2.35	0.019	1.217686	9.034807

./outcome changed/.

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged~=1, compete(outcomeWL=0)
```

```
vce(cluster js_countryid) nolog
```

```
failure_d: outcomeWL == 2
analysis time_t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      518
                                     No. of subjects =      99
Failure event : outcomeWL == 2     No. failed      =      56
Competing event: outcomeWL == 0    No. competing   =      26
                                     No. censored    =      17
```

```
Log pseudolikelihood = -165.92171    Wald chi2(11)   =     410.95
                                     Prob > chi2      =      0.0000
```

(Std. Err. adjusted for 48 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	2.24e-07	2.40e-07	-14.28	0.000	2.74e-08	1.83e-06
demdum	1.125783	.6283948	0.21	0.832	.3769876	3.361881
demHCTrebels	1087088	1323970	11.41	0.000	99903.88	1.18e+07
o_rebstren~h	2.03769	.4277529	3.39	0.001	1.350372	3.074841
independen~C	.6038923	.183005	-1.66	0.096	.3334335	1.093729
transformC	.5668518	.2011238	-1.60	0.110	.2827847	1.136274
lnpop	.8245018	.1098748	-1.45	0.148	.6349781	1.070593
lngdppc	.5392402	.1639438	-2.03	0.042	.2971623	.9785226
africa	.8266334	.2520537	-0.62	0.532	.4547451	1.50265
diffreligion	4.603974	1.593048	4.41	0.000	2.336704	9.071146
warage	1.2064	.0537747	4.21	0.000	1.105477	1.316538

```
. */results unstable/*
```

```
. lis VPFid side_a side_b HCTrebels demdum outcomeF if outcomechanged==1 & lastob==1,
clean noobs
```

VPFid	side_a	side_b	HCTreb~s	demdum	outcomeF
22	Burundi	Palipehutu-FNL	0	0	3
59	Indonesia	GAM	0	1	3
71	Nepal	CPN-M/UPF	1	0	3
92	Sri Lanka	LTTE	1	0	0
93	Sudan	SPLM	0	0	3

```
. */above drops 5 cases for which outcomes updated from ongoing because ended btw 2003 &
2007 -- none are democratic and terrorist, 4/5 end in agreement, 1 in gov victory/*
```

```
. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged~=2, compete(outcomeWL=0)
vce(cluster js_countryid) nolog
```

```
failure_d: outcomeWL == 2
analysis time_t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      556
                                     No. of subjects =     102
Failure event : outcomeWL == 2     No. failed      =      58
```

```

Competing event: outcomeWL == 0                               No. competing = 27
                                                             No. censored  = 17

                                                             Wald chi2(11) = 84.10
Log pseudolikelihood = -181.8374                             Prob > chi2   = 0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.1833617	.2224203	-1.40	0.162	.0170133	1.976187
demdum	1.203981	.6370449	0.35	0.726	.4268114	3.39628
demHCTrebels	.6455764	.9759463	-0.29	0.772	.0333541	12.49529
o_rebstren~h	2.004988	.4232567	3.30	0.001	1.325627	3.032508
independen~C	.6144207	.1930839	-1.55	0.121	.3318737	1.13752
transformC	.6193475	.1955832	-1.52	0.129	.3335294	1.150097
lnpop	.8528886	.1134571	-1.20	0.232	.6571427	1.106942
lngdppc	.5572464	.1656898	-1.97	0.049	.3111386	.9980233
africa	.7116104	.2016232	-1.20	0.230	.4083835	1.239985
diffreligion	3.105584	1.166414	3.02	0.003	1.487455	6.483996
warage	1.144569	.0482695	3.20	0.001	1.053767	1.243196

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop
lngdppc africa diffreligion warage if keepobs==1 & outcomechanged~=3, compete(outcomeWL=0)
vce(cluster js_countryid) nolog

```

```

failure_d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                               No. of obs = 560
                                                         No. of subjects = 102
Failure event : outcomeWL == 2                         No. failed = 59
Competing event: outcomeWL == 0                       No. competing = 26
                                                         No. censored = 17

                                                         Wald chi2(11) = 73.97
Log pseudolikelihood = -184.1158                       Prob > chi2 = 0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	.1990344	.2429763	-1.32	0.186	.0181887	2.17798
demdum	1.24975	.6554781	0.43	0.671	.4470735	3.493555
demHCTrebels	1.273161	1.646821	0.19	0.852	.1008935	16.06585
o_rebstren~h	2.063989	.441912	3.38	0.001	1.356626	3.14018
independen~C	.6007774	.1900725	-1.61	0.107	.3231562	1.116901
transformC	.5558646	.1777606	-1.84	0.066	.2970039	1.040341
lnpop	.8500896	.1037577	-1.33	0.183	.6692237	1.079837
lngdppc	.5800175	.1701083	-1.86	0.063	.3264372	1.030582
africa	.7488083	.2248843	-0.96	0.335	.4156572	1.348981
diffreligion	3.32403	1.235036	3.23	0.001	1.604733	6.885367
warage	1.16393	.0427983	4.13	0.000	1.082998	1.25091

```

. stcrreg HCTrebels demdum demHCTrebels o_rebstrength independenceC transformC lnpop

```

```

lngdppc africa diffreligion warage if keepobs==1 & outcomechanged==0, compete(outcomeWL=0)
vce(cluster js_countryid) nolog

```

```

failure _d: outcomeWL == 2
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs           =           502
                                     No. of subjects      =           95
Failure event : outcomeWL == 2      No. failed           =           53
Competing event: outcomeWL == 0     No. competing        =           25
                                     No. censored         =           17

```

```

Log pseudolikelihood = -156.34959    Wald chi2(11)       =       377.19
                                     Prob > chi2         =       0.0000

```

(Std. Err. adjusted for 47 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
HCTrebels	5.11e-07	5.47e-07	-13.54	0.000	6.28e-08	4.16e-06
demdum	1.128492	.6229097	0.22	0.827	.3825149	3.329264
demHCTrebels	250023.9	342768.8	9.07	0.000	17022.81	3672244
o_rebstren~h	2.047212	.4517154	3.25	0.001	1.328452	3.154856
independen~C	.5901119	.1822675	-1.71	0.088	.3221249	1.081047
transformC	.5568761	.2013531	-1.62	0.105	.2741476	1.131183
lnpop	.8423088	.1186653	-1.22	0.223	.639077	1.11017
lngdppc	.5476603	.1703027	-1.94	0.053	.2977269	1.007406
africa	.7710221	.2321593	-0.86	0.388	.4273316	1.391133
diffreligion	4.367934	1.617079	3.98	0.000	2.114207	9.024114
warage	1.190243	.0588458	3.52	0.000	1.080319	1.311352

. */also unstable/*

/% of HCTrebels fighting non-democracies/

. tab demdum if firstob==1 & HCTrebels==1

demdum	Freq.	Percent	Cum.
0	10	41.67	41.67
1	14	58.33	100.00
Total	24	100.00	

Appendix: Tests of Proportional Subhazards

Summary of tests of proportional hazards assumption

	G victory			low activity			agreement			R victory		
	indiv	all	sig only	indiv	all	sig only	indiv	all	sig only	indiv	all	sig only
HCTrebel		T	T		T		T			T L		
strength											T	
democ		T L			T L	T L	T L	T L	T L	T L		T
independ					T							
transform		T L	T							T L		L
pop												
GDP/cap		L			L	L				T L*	L	L
africa		T L		T	T L	T L						
religion												

Using tvcoption (see below)

T = Interaction term with $_t$ significant at $p \leq .05$

L = Interaction term with $\ln(_t)$ significant at $p \leq .05$

* convergence not achieved

```

. */govt victory/*

. quietly stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=0)

. */each var in tvcoption in turn/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvcoption(HCTrebels) nolog

      failure _d: outcomeF == 0
      analysis time _t: (enddate2009-origin)
      origin: time startdate
      id: VPFid

```

Competing-risks regression

No. of obs

=

1015

```

Failure event      : outcomeF == 0
Competing events: outcomeF == 1 3 4

No. of subjects = 104
No. failed      = 9
No. competing   = 78
No. censored    = 17

Log pseudolikelihood = -32.09827
Wald chi2(10)      = 2595.91
Prob > chi2       = 0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	2.67194	1.973649	1.33	0.183	.6281741	11.3651
o_rebstren~h	1.128444	.5398187	0.25	0.801	.4418627	2.881861
demdum	.1587385	.1938201	-1.51	0.132	.0144998	1.737808
independen~C	1.056094	.9730966	0.06	0.953	.1735386	6.427011
transformC	1.73e-08	2.42e-08	-12.76	0.000	1.11e-09	2.69e-07
lnpop	1.200526	.3913979	0.56	0.575	.6336671	2.274479
lngdppc	1.13302	.5660006	0.25	0.803	.4256173	3.016169
africa	3.16e-08	2.27e-08	-24.08	0.000	7.76e-09	1.29e-07
diffreligion	.4272986	.471607	-0.77	0.441	.0491208	3.717045

tvc						
HCTrebels	1.000289	.0002882	1.00	0.316	.999724	1.000854

Note: variables in tvc equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(o_rebstrength) nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression
Failure event      : outcomeF == 0
Competing events: outcomeF == 1 3 4

No. of obs      = 1015
No. of subjects = 104
No. failed      = 9
No. competing   = 78
No. censored    = 17

Log pseudolikelihood = -32.535616
Wald chi2(10)      = 2627.00
Prob > chi2       = 0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	4.039681	3.257043	1.73	0.083	.8318696	19.61728
o_rebstren~h	.974793	.5808926	-0.04	0.966	.3031584	3.134405

demdum		.1945446	.1912165	-1.67	0.096	.0283387	1.335547
independen~C		1.021355	.9735753	0.02	0.982	.1576867	6.615435
transformC		2.38e-09	2.47e-09	-19.13	0.000	3.11e-10	1.82e-08
lnpop		1.180475	.3568994	0.55	0.583	.6526924	2.135036
lngdppc		1.203217	.6353828	0.35	0.726	.4274151	3.387177
africa		5.65e-08	3.99e-08	-23.62	0.000	1.41e-08	2.26e-07
diffreligion		.4921032	.5126374	-0.68	0.496	.0638758	3.791195

tvc							
o_rebstren~h		1.000086	.0000942	0.92	0.360	.9999016	1.000271

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvC(demdum) nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17
	Wald chi2(10)	=	2591.60
Log pseudolikelihood = -32.003996	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels		4.421294	3.511026	1.87	0.061	.9323852 20.96541
o_rebstren~h		1.23128	.6083686	0.42	0.674	.4675012 3.242879
demdum		.4805743	.7337242	-0.48	0.631	.0241088 9.579561
independen~C		.9771703	.9363902	-0.02	0.981	.1493798 6.392176
transformC		3.21e-08	3.46e-08	-16.00	0.000	3.88e-09 2.66e-07
lnpop		1.181407	.3493583	0.56	0.573	.6617406 2.10917
lngdppc		1.250129	.6874005	0.41	0.685	.4255104 3.67282
africa		4.30e-08	3.03e-08	-24.05	0.000	1.08e-08 1.71e-07
diffreligion		.4790601	.4794731	-0.74	0.462	.0673682 3.406634

tvc						
demdum		.9990911	.0012763	-0.71	0.477	.9965928 1.001596

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvC(independenceC) nolog
```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      1015
                                   No. of subjects =      104
Failure event   : outcomeF == 0    No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                   No. censored    =      17

                                   Wald chi2(10)   =    1941.03
Log pseudolikelihood = -32.246499   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	4.300173	3.498207	1.79	0.073	.8730325	21.18076
o_rebstren~h	1.1229	.5710361	0.23	0.820	.4144517	3.042345
demdum	.1932613	.1929948	-1.65	0.100	.0272971	1.368273
independen~C	1.999943	3.383212	0.41	0.682	.0726238	55.07524
transformC	2.69e-08	2.67e-08	-17.55	0.000	3.84e-09	1.88e-07
lnpop	1.155177	.3412083	0.49	0.625	.64748	2.060965
lngdppc	1.177539	.6257411	0.31	0.758	.4155749	3.33658
africa	5.08e-08	3.48e-08	-24.50	0.000	1.32e-08	1.95e-07
diffreligion	.4586011	.4628228	-0.77	0.440	.063445	3.314915

tvc						
independen~C	.9997582	.0003447	-0.70	0.483	.9990827	1.000434

Note: variables in tvC equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvC(transformC) nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      1015
                                   No. of subjects =      104
Failure event   : outcomeF == 0    No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                   No. censored    =      17

                                   Wald chi2(10)   =    2519.56
Log pseudolikelihood = -32.614223   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	4.211714	3.39518	1.78	0.074	.8675241	20.44731
o_rebstren~h	1.172875	.573718	0.33	0.744	.4496576	3.059296
demdum	.1986735	.200044	-1.61	0.108	.02761	1.429596
independen~C	1.040229	.9682075	0.04	0.966	.167827	6.447576
transformC	2.84e-08	2.57e-08	-19.17	0.000	4.80e-09	1.68e-07
lnpop	1.174444	.3563481	0.53	0.596	.6479805	2.128642
lngdppc	1.190473	.6218059	0.33	0.739	.4276822	3.313735
africa	5.05e-08	3.54e-08	-23.93	0.000	1.27e-08	2.00e-07
diffreligion	.4643576	.4701508	-0.76	0.449	.063831	3.378108

tvc						
transformC	1.000056	.0001292	0.43	0.667	.9998025	1.000309

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(lnpop) nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17
	Wald chi2(10)	=	4632.71
Log pseudolikelihood = -32.47886	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	3.994869	3.214578	1.72	0.085	.8252023	19.33947
o_rebstren~h	1.139239	.5438518	0.27	0.785	.4469583	2.903774
demdum	.1974762	.1988419	-1.61	0.107	.0274427	1.421029
independen~C	.9926053	.9387711	-0.01	0.994	.1555035	6.335968
transformC	2.76e-11	2.87e-11	-23.37	0.000	3.59e-12	2.12e-10
lnpop	1.284253	.4002516	0.80	0.422	.6972112	2.365576
lngdppc	1.210317	.6424855	0.36	0.719	.4276089	3.425717
africa	7.19e-11	4.95e-11	-33.96	0.000	1.87e-11	2.77e-10
diffreligion	.490929	.484827	-0.72	0.471	.0708593	3.401263

tvc						
lnpop	.9999464	.0000418	-1.28	0.200	.9998645	1.000028

africa		2.45e-08	1.70e-08	-25.31	0.000	6.31e-09	9.52e-08
diffreligion		.3654167	.5008718	-0.73	0.463	.0248919	5.364373

tvc							
diffreligion		1.000108	.0002941	0.37	0.715	.9995312	1.000684

Note: variables in tvc equation interacted with _t

. */all together/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion) nolog

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17

Log pseudolikelihood = -28.612537	Wald chi2(18)	=	9049.76
	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.8548945	.4762836	-0.28	0.778	.2868708	2.547643
o_rebstren~h	.9406526	.5664558	-0.10	0.919	.2889618	3.062091
demdum	1.019989	1.129733	0.02	0.986	.1163617	8.940888
independen~C	2.92966	5.389596	0.58	0.559	.079596	107.831
transformC	8.88e-11	1.52e-10	-13.49	0.000	3.08e-12	2.56e-09
lnpop	1.175363	.3476202	0.55	0.585	.6583012	2.098552
lngdppc	.9738087	.6009857	-0.04	0.966	.2905059	3.264317
africa	9.83e-08	1.34e-07	-11.80	0.000	6.74e-09	1.43e-06
diffreligion	.339511	.3302002	-1.11	0.267	.0504656	2.284084

tvc						
HCTrebels	1.001098	.0004138	2.65	0.008	1.000287	1.001909
o_rebstren~h	1.000053	.0001904	0.28	0.782	.9996796	1.000426
demdum	.9984894	.0006532	-2.31	0.021	.9972099	.9997706
independen~C	.9991947	.0007257	-1.11	0.267	.9977735	1.000618
transformC	.9976673	.0008943	-2.61	0.009	.995916	.9994216
lnpop	.9999921	.0001914	-0.04	0.967	.999617	1.000367
lngdppc	1.000184	.0001772	1.04	0.299	.9998366	1.000531
africa	.9970495	.0011266	-2.62	0.009	.9948439	.9992599
diffreligion	1.000328	.0008558	0.38	0.702	.9986517	1.002006

 Note: variables in tvc equation interacted with _t

. */significant only/*

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
 diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(HCTrebels demdum
 transformC africa) nolog

failure _d: outcomeF == 0
 analysis time _t: (enddate2009-origin)
 origin: time startdate
 id: VPFid

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17
	Wald chi2(13)	=	8887.06
Log pseudolikelihood = -29.701691	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.9912578	.6575035	-0.01	0.989	.2701362	3.637395
	o_rebstren~h	1.052001	.526258	0.10	0.919	.3946457	2.804305
	demdum	1.078643	1.370697	0.06	0.952	.0893727	13.01819
	independen~C	.8732031	.8394831	-0.14	0.888	.1326735	5.747069
	transformC	5.01e-08	3.89e-08	-21.65	0.000	1.09e-08	2.29e-07
	lnpop	1.207223	.3893208	0.58	0.559	.6416251	2.271402
	lngdppc	1.231584	.6756756	0.38	0.704	.4202183	3.609549
	africa	6.10e-12	5.00e-12	-31.48	0.000	1.22e-12	3.04e-11
	diffreligion	.4281298	.47465	-0.77	0.444	.0487397	3.760692

tvc							
	HCTrebels	1.000996	.0002435	4.09	0.000	1.000519	1.001473
	demdum	.9984831	.0008919	-1.70	0.089	.9967365	1.000233
	transformC	.9991993	.0003278	-2.44	0.015	.998557	.9998419
	africa	.9998095	.000161	-1.18	0.237	.9994939	1.000125

 Note: variables in tvc equation interacted with _t

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
 diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(HCTrebels)
 texp(ln(_t)) nolog

failure _d: outcomeF == 0
 analysis time _t: (enddate2009-origin)

origin: time startdate
id: VPFid

```

Competing-risks regression          No. of obs      =      1015
                                     No. of subjects =      104
Failure event   : outcomeF == 0     No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                     No. censored    =      17

                                     Wald chi2(10)   =    2635.99
Log pseudolikelihood = -32.452814    Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.7526619	2.786065	-0.08	0.939	.0005318	1065.174
o_rebstren~h	1.139352	.5345196	0.28	0.781	.4542782	2.857548
demdum	.1755143	.2244848	-1.36	0.174	.0143092	2.152828
independen~C	1.024715	.9429805	0.03	0.979	.1687702	6.221716
transformC	1.95e-08	2.65e-08	-13.07	0.000	1.36e-09	2.79e-07
lnpop	1.185496	.3808236	0.53	0.596	.6316317	2.225033
lngdppc	1.169634	.6068515	0.30	0.763	.4230715	3.233601
africa	3.23e-08	2.30e-08	-24.21	0.000	7.99e-09	1.31e-07
diffreligion	.4477129	.4852493	-0.74	0.458	.0535097	3.745987

tvc						
HCTrebels	1.312996	.8557319	0.42	0.676	.3660169	4.710049

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(o_rebstrength)
texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      1015
                                     No. of subjects =      104
Failure event   : outcomeF == 0     No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                     No. censored    =      17

                                     Wald chi2(10)   =    2452.22
Log pseudolikelihood = -32.493268    Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

| Robust

_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	3.981469	3.299939	1.67	0.096	.7844161	20.20878
o_rebstren~h	.3513002	.7555814	-0.49	0.627	.0051868	23.79329
demdum	.19367	.188111	-1.69	0.091	.0288598	1.299666
independen~C	1.031184	.99134	0.03	0.975	.1566838	6.786535
transformC	1.97e-08	2.06e-08	-16.99	0.000	2.55e-09	1.53e-07
lnpop	1.187996	.3591212	0.57	0.569	.6569073	2.148454
lngdppc	1.218811	.6603794	0.37	0.715	.42144	3.524818
africa	4.56e-08	3.25e-08	-23.73	0.000	1.13e-08	1.84e-07
diffreligion	.4917398	.5228572	-0.67	0.504	.0611885	3.951856

tvc						
o_rebstren~h	1.197766	.3547642	0.61	0.542	.6702794	2.140365

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(demdum) texp(ln(_t))
nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17
	Wald chi2(10)	=	2567.36
Log pseudolikelihood = -32.035269	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	4.510159	3.665318	1.85	0.064	.9171426	22.17925
o_rebstren~h	1.235294	.6171558	0.42	0.672	.4639892	3.288763
demdum	8.544024	33.0013	0.56	0.579	.0044045	16574.06
independen~C	.9716982	.9453581	-0.03	0.976	.1443456	6.541227
transformC	2.24e-08	2.46e-08	-16.00	0.000	2.58e-09	1.94e-07
lnpop	1.191407	.3608634	0.58	0.563	.6580227	2.157144
lngdppc	1.255722	.7043473	0.41	0.685	.4182599	3.769998
africa	3.28e-08	2.32e-08	-24.36	0.000	8.20e-09	1.31e-07
diffreligion	.471102	.4760635	-0.74	0.456	.0650053	3.414139

tvc						
demdum	.5447522	.3186521	-1.04	0.299	.173097	1.714385

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa  
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(independenceC)  
texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 0  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      1015  
                                                         No. of subjects =      104  
Failure event   : outcomeF == 0                       No. failed      =       9  
Competing events: outcomeF == 1 3 4                   No. competing   =      78  
                                                         No. censored    =     17  
  
Log pseudolikelihood = -32.395196                     Wald chi2(10)   =    2158.60  
                                                         Prob > chi2     =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----  
_t |              Robust  
    |              SHR   Std. Err.      z    P>|z|      [95% Conf. Interval]  
-----+-----  
main |  
HCTrebels |      4.428226   3.563906     1.85  0.064   .9144697   21.44323  
o_rebstren~h |      1.110441   .5760319     0.20  0.840   .4017369   3.069369  
demdum |      .1906395   .186628     -1.69  0.090   .0279848   1.298683  
independen~C |     11.47309   53.58081     0.52  0.601   .0012147  108367.8  
transformC |     2.47e-08   2.39e-08    -18.09  0.000   3.71e-09   1.65e-07  
lnpop |      1.15448    .342855     0.48  0.629   .6450574   2.06621  
lngdppc |      1.167816   .6255316     0.29  0.772   .4087282   3.336675  
africa |     4.66e-08   3.20e-08    -24.59  0.000   1.21e-08   1.79e-07  
diffreligion |     .4576739   .4639044     -0.77  0.441   .0627721   3.336917  
-----+-----  
tvc |  
independen~C |     .7077249   .4099107     -0.60  0.551   .2274327   2.202298  
-----
```

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa  
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(transformC)  
texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 0  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      1015  
                                                         No. of subjects =      104  
Failure event   : outcomeF == 0                       No. failed      =       9
```


independen~C		1.020443	.9761596	0.02	0.983	.1565043	6.653517
transformC		4.78e-09	4.99e-09	-18.35	0.000	6.17e-10	3.70e-08
lnpop		1.534768	1.168191	0.56	0.574	.3452622	6.822386
lngdppc		1.189785	.6183683	0.33	0.738	.4296084	3.295068
africa		8.25e-09	5.75e-09	-26.73	0.000	2.11e-09	3.23e-08
diffreligion		.478786	.5123615	-0.69	0.491	.0587825	3.899731

tvc							
lnpop		.9593201	.1255324	-0.32	0.751	.7422994	1.23979

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(lngdppc)
texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17
	Wald chi2(10)	=	2711.41
Log pseudolikelihood = -32.411267	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]

main						
HCTrebels		4.027153	3.311787	1.69	0.090	.8035266 20.18348
o_rebstren~h		1.228856	.6273751	0.40	0.686	.4517849 3.342489
demdum		.1936088	.2051891	-1.55	0.121	.0242555 1.545394
independen~C		1.049755	.9916465	0.05	0.959	.1648179 6.686082
transformC		1.68e-08	1.81e-08	-16.55	0.000	2.01e-09 1.40e-07
lnpop		1.186251	.3714673	0.55	0.585	.6421375 2.191418
lngdppc		.376201	.6373933	-0.58	0.564	.0135906 10.41361
africa		2.42e-08	1.72e-08	-24.69	0.000	6.03e-09 9.75e-08
diffreligion		.4764646	.487893	-0.72	0.469	.0640342 3.545268

tvc						
lngdppc		1.19008	.2840966	0.73	0.466	.7453785 1.900096

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(africa) texp(ln(_t))
nolog
```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      1015
                                   No. of subjects =      104
Failure event   : outcomeF == 0    No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                   No. censored    =      17

                                   Wald chi2(10)    =    2458.37
Log pseudolikelihood = -32.614223   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	4.211714	3.39518	1.78	0.074	.8675241	20.44731
o_rebstren~h		1.172875	.573718	0.33	0.744	.4496576	3.059296
	demdum	.1986735	.200044	-1.61	0.108	.02761	1.429596
independen~C		1.040229	.9682075	0.04	0.966	.167827	6.447576
	transformC	3.10e-08	3.24e-08	-16.53	0.000	3.99e-09	2.41e-07
	lnpop	1.174444	.3563481	0.53	0.596	.6479805	2.128642
	lngdppc	1.190473	.6218059	0.33	0.739	.4276822	3.313735
	africa	1.04e-07	1.70e-07	-9.83	0.000	4.21e-09	2.56e-06
diffreligion		.4643576	.4701508	-0.76	0.449	.063831	3.378108

tvc							
	africa	.8940956	.1851301	-0.54	0.589	.5958479	1.341629

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(diffreligion)
texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      1015
                                   No. of subjects =      104
Failure event   : outcomeF == 0    No. failed      =       9
Competing events: outcomeF == 1 3 4 No. competing   =      78
                                   No. censored    =      17

                                   Wald chi2(10)    =    2699.35
Log pseudolikelihood = -32.519471   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----
```

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	4.308525	3.642688	1.73	0.084	.8216204	22.59363
	o_rebstren~h	1.23144	.6860748	0.37	0.709	.41322	3.669822
	demdum	.193086	.2059189	-1.54	0.123	.0238768	1.561439
	independen~C	1.043072	.9677576	0.05	0.964	.1692675	6.427695
	transformC	1.68e-08	1.77e-08	-16.99	0.000	2.12e-09	1.32e-07
	lnpop	1.182047	.3631373	0.54	0.586	.6473464	2.158405
	lngdppc	1.220754	.6591377	0.37	0.712	.4236697	3.517455
	africa	2.42e-08	1.66e-08	-25.52	0.000	6.30e-09	9.31e-08
	diffreligion	.1272274	.4882184	-0.54	0.591	.0000689	234.9386

tvc							
	diffreligion	1.210109	.6349837	0.36	0.716	.4326842	3.384369

Note: variables in tv equation interacted with ln(_t)

. */all/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tv(HCTrebels
o_rebstrength demdum independenceC transformC lnpop lngdppc africa diffreligion)
texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      1015
                                No. of subjects =      104
Failure event   : outcomeF == 0 No. failed       =       9
Competing events: outcomeF == 1 3 4 No. competing    =      78
                                No. censored     =      17

                                Wald chi2(18)    =    9270.65
Log pseudolikelihood = -29.784108 Prob > chi2      =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----
```

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.0108164	.0405231	-1.21	0.227	7.00e-06	16.71299
	o_rebstren~h	.0990359	.1262846	-1.81	0.070	.0081357	1.205572
	demdum	641.2741	1970.501	2.10	0.035	1.554103	264610.9
	independen~C	84.90706	388.7265	0.97	0.332	.0107627	669830
	transformC	.0000125	.0000564	-2.50	0.013	1.76e-09	.0881305
	lnpop	.4719285	.6202226	-0.57	0.568	.0359089	6.202272
	lngdppc	.0801538	.1127926	-1.79	0.073	.0050829	1.263969

africa		9.38e-08	2.78e-07	-5.46	0.000	2.80e-10	.0000314
diffreligion		.2835141	1.034186	-0.35	0.730	.0002226	361.0244

tvc							
HCTrebels		2.587448	1.813959	1.36	0.175	.6548282	10.22388
o_rebstren~h		1.45591	.3061058	1.79	0.074	.9642038	2.198366
demdum		.2632563	.160532	-2.19	0.029	.0796749	.8698333
independen~C		.5002078	.2847419	-1.22	0.224	.1639103	1.526492
transformC		.1930977	.1347915	-2.36	0.018	.0491584	.7585018
lnpop		1.160951	.3106335	0.56	0.577	.6871621	1.961409
lngdppc		1.566327	.3580877	1.96	0.050	1.000654	2.451776
africa		.3592559	.1569243	-2.34	0.019	.1526145	.8456914
diffreligion		1.042633	.7440464	0.06	0.953	.2574509	4.222485

Note: variables in tvc equation interacted with ln(_t)

. */significant only/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion, compete(outcomeF=1, 3, 4) vce(cluster js_countryid) tvc(o_rebstrength demdum
transformC lngdppc africa) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 0
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	1015
	No. of subjects	=	104
Failure event : outcomeF == 0	No. failed	=	9
Competing events: outcomeF == 1 3 4	No. competing	=	78
	No. censored	=	17
	Wald chi2(14)	=	6486.04
Log pseudolikelihood = -31.537973	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				[95% Conf. Interval]	
_t		SHR	Std. Err.	z	P> z		

main							
HCTrebels		4.346565	3.54553	1.80	0.072	.8786456	21.50198
o_rebstren~h		.8122345	1.437842	-0.12	0.906	.0252847	26.09183
demdum		17.48829	65.96916	0.76	0.448	.010761	28421.15
independen~C		.9088525	.9239746	-0.09	0.925	.1239165	6.665885
transformC		1.21e-09	1.84e-09	-13.51	0.000	6.14e-11	2.38e-08
lnpop		1.158793	.3922685	0.44	0.663	.5968452	2.249832
lngdppc		.1745868	.323735	-0.94	0.347	.0046093	6.612844
africa		4.14e-09	1.35e-08	-5.94	0.000	7.10e-12	2.42e-06
diffreligion		.5086898	.5395624	-0.64	0.524	.0636197	4.067377

tvc							
o_rebstren~h		1.076888	.2684487	0.30	0.766	.6606653	1.755334

demdum		.4898583	.2879166	-1.21	0.225	.1548006	1.550131
transformC		1.030472	.299092	0.10	0.918	.5834144	1.820101
lngdppc		1.359573	.3964928	1.05	0.292	.7676558	2.407902
africa		.8955839	.4103992	-0.24	0.810	.3647919	2.198707

Note: variables in tvc equation interacted with ln(_t)

. */low activity/*

. quietly stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=1)

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(HCTrebels) nolog

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 1	No. failed	=	18
Competing events: outcomeF == 0 3 4	No. competing	=	69
	No. censored	=	17
	Wald chi2(11)	=	80.69
Log pseudolikelihood = -57.56145	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.7511498	.6141914	-0.35	0.726	.1512607	3.730157
o_rebstren~h	.2190329	.0999442	-3.33	0.001	.0895587	.5356864
demdum	.4665602	.443457	-0.80	0.423	.0724196	3.005795
independen~C	.6266526	.6094126	-0.48	0.631	.0931629	4.215127
transformC	1.757675	1.512732	0.66	0.512	.3253548	9.495547
lnpop	1.133807	.2159534	0.66	0.510	.7805716	1.646892
lngdppc	1.981723	.7844184	1.73	0.084	.9122518	4.304979
africa	1.348047	1.013591	0.40	0.691	.3088092	5.884643
diffreligion	.7179656	.4300629	-0.55	0.580	.2219382	2.322604
warage	1.22517	.0750336	3.32	0.001	1.08659	1.381423

tvc						
HCTrebels	1.000143	.0003887	0.37	0.712	.999382	1.000906

Note: variables in tvc equation interacted with _t

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa

lnpop		1.141012	.2550275	0.59	0.555	.7362721	1.768244
lngdppc		1.994883	.8440515	1.63	0.103	.8704966	4.571596
africa		1.611462	1.161755	0.66	0.508	.3922488	6.620314
diffreligion		.767347	.3609323	-0.56	0.573	.3052231	1.929151
warage		1.226583	.0848001	2.95	0.003	1.071146	1.404575

tvc							
independen~C		1.000577	.0003538	1.63	0.103	.9998838	1.001271

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(transformC) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 1      No. failed           =            18
Competing events: outcomeF == 0 3 4  No. competing         =            69
                                     No. censored         =            17

                                     Wald chi2(11)        =           87.82
Log pseudolikelihood = -57.667553    Prob > chi2          =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
HCTrebels		1.004998	.553824	0.01	0.993	.3412664	2.959624
o_rebstren~h		.2117061	.1012334	-3.25	0.001	.082929	.5404557
demdum		.4811371	.4313045	-0.82	0.414	.0830287	2.788106
independen~C		.6278961	.6219875	-0.47	0.638	.0900941	4.376021
transformC		1.483185	1.80605	0.32	0.746	.1363645	16.13204
lnpop		1.132359	.2235938	0.63	0.529	.7689659	1.667481
lngdppc		2.00929	.7840192	1.79	0.074	.9352037	4.31697
africa		1.346885	1.040422	0.39	0.700	.2963509	6.121453
diffreligion		.7200147	.4335016	-0.55	0.585	.2212359	2.343296
warage		1.241136	.072115	3.72	0.000	1.107544	1.390841

tvc							
transformC		1.000078	.0001995	0.39	0.697	.9996868	1.000469

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(lnpop) nolog
```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs       =       566
                                     No. of subjects  =       104
Failure event   : outcomeF == 1     No. failed       =        18
Competing events: outcomeF == 0 3 4 No. competing    =        69
                                     No. censored    =        17

                                     Wald chi2(11)    =       100.12
Log pseudolikelihood = -57.590993    Prob > chi2      =        0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.9792453	.5274899	-0.04	0.969	.3407021	2.814544
	o_rebstren~h	.2228919	.1024338	-3.27	0.001	.0905546	.5486285
	demdum	.4909435	.4733897	-0.74	0.461	.0741763	3.249362
	independen~C	.6385571	.6229062	-0.46	0.646	.0943759	4.320544
	transformC	1.818618	1.578696	0.69	0.491	.3317686	9.968913
	lnpop	1.014416	.3156346	0.05	0.963	.5512716	1.866666
	lngdppc	2.010959	.7700841	1.82	0.068	.9493821	4.259568
	africa	1.264808	.9270315	0.32	0.749	.3007064	5.319936
	diffreligion	.6981283	.3928483	-0.64	0.523	.2317128	2.103393
	warage	1.242879	.0845411	3.20	0.001	1.087752	1.420129

tvc							
	lnpop	1.000052	.0001011	0.51	0.609	.9998536	1.00025

Note: variables in tvc equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(lngdppc) nolog

```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs       =       566
                                     No. of subjects  =       104
Failure event   : outcomeF == 1     No. failed       =        18
Competing events: outcomeF == 0 3 4 No. competing    =        69
                                     No. censored    =        17

                                     Wald chi2(11)    =       72.27
Log pseudolikelihood = -57.244248    Prob > chi2      =        0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	1.042246	.5494139	0.08	0.937	.3709061	2.928709
o_rebstren~h	.21729	.099246	-3.34	0.001	.0887683	.5318895
demdum	.4783943	.4854338	-0.73	0.467	.0654725	3.495528
independen~C	.571829	.5219415	-0.61	0.540	.0955708	3.421426
transformC	1.665703	1.296643	0.66	0.512	.3622361	7.659549
lnpop	1.12603	.2251342	0.59	0.553	.7609635	1.666234
lngdppc	1.361022	1.118367	0.38	0.708	.271909	6.812508
africa	1.228848	.9431977	0.27	0.788	.2729994	5.531395
diffreligion	.7602252	.450062	-0.46	0.643	.2382436	2.425846
warage	1.221673	.0778161	3.14	0.002	1.078293	1.384119

tvc						
lngdppc	1.000116	.000172	0.68	0.498	.9997794	1.000454

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa  
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)  
tvc(africa) nolog
```

```
failure _d: outcomeF == 1  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566  
                                   No. of subjects     =          104  
Failure event   : outcomeF == 1    No. failed         =           18  
Competing events: outcomeF == 0 3 4 No. competing      =           69  
                                   No. censored        =           17  
  
                                   Wald chi2(11)       =          93.71  
Log pseudolikelihood = -52.267701  Prob > chi2       =          0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	1.11771	.6072919	0.20	0.838	.3853369	3.242033
o_rebstren~h	.2398856	.1250786	-2.74	0.006	.0863336	.6665435
demdum	.3395579	.3850145	-0.95	0.341	.0367927	3.133761
independen~C	.2773043	.2565053	-1.39	0.166	.0452479	1.699474
transformC	1.132146	.8649476	0.16	0.871	.2532755	5.060711
lnpop	1.575694	.3647142	1.96	0.049	1.001038	2.480237
lngdppc	3.189814	1.849782	2.00	0.045	1.023649	9.939842
africa	36.38281	47.94886	2.73	0.006	2.748518	481.6081

diffreligion		.8810048	.4493197	-0.25	0.804	.3242339	2.393856
warage		1.262402	.1005269	2.93	0.003	1.079979	1.475639

tvc							
africa		.9985595	.0005391	-2.67	0.008	.9975035	.9996167

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(diffreligion) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 1                       No. failed      =       18
Competing events: outcomeF == 0 3 4                   No. competing   =       69
                                                         No. censored    =       17

                                                         Wald chi2(11)   =     116.52
Log pseudolikelihood = -57.709312                     Prob > chi2     =       0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
HCTrebels		1.004158	.5424275	0.01	0.994	.3483361	2.894712
o_rebstren~h		.2195378	.1034853	-3.22	0.001	.0871509	.5530277
demdum		.5077221	.475028	-0.72	0.469	.0811403	3.176988
independen~C		.6417858	.6202378	-0.46	0.646	.0965534	4.265918
transformC		1.833637	1.568783	0.71	0.479	.3428157	9.807669
lnpop		1.121422	.2352234	0.55	0.585	.7434056	1.691658
lngdppc		1.979519	.8734597	1.55	0.122	.8336204	4.700575
africa		1.32983	1.057453	0.36	0.720	.2798582	6.319083
diffreligion		.6940239	.4850781	-0.52	0.601	.1763759	2.730924
warage		1.2376	.0736555	3.58	0.000	1.10134	1.390719

tvc							
diffreligion		1.000022	.0002942	0.08	0.939	.999446	1.000599

Note: variables in tvc equation interacted with _t

```
. */all/*
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion) nolog
```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs       =       566
                                     No. of subjects  =       104
Failure event   : outcomeF == 1     No. failed       =        18
Competing events: outcomeF == 0 3 4 No. competing    =        69
                                     No. censored    =        17

                                     Wald chi2(19)    =       200.39
Log pseudolikelihood = -42.469601   Prob > chi2      =       0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
	_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]

main						
	HCTrebels	.4112766	.2910392	-1.26	0.209	.1027502 1.64621
	o_rebstren~h	.3158428	.2442291	-1.49	0.136	.0693856 1.437714
	demdum	21.24475	42.41747	1.53	0.126	.4243599 1063.577
	independen~C	.0170424	.0308723	-2.25	0.025	.0004893 .593584
	transformC	1.042043	1.281479	0.03	0.973	.0935619 11.60573
	lnpop	1.809598	1.024417	1.05	0.295	.5966436 5.488442
	lngdppc	12.11891	16.38254	1.85	0.065	.8566347 171.4477
	africa	994.3285	3456.025	1.99	0.047	1.093897 903823.1
	diffreligion	2.944101	3.02291	1.05	0.293	.3935191 22.0262
	warage	1.350952	.0971616	4.18	0.000	1.173332 1.555461

tvc						
	HCTrebels	1.000617	.0002734	2.26	0.024	1.000081 1.001153
	o_rebstren~h	1.000091	.0002033	0.45	0.654	.9996926 1.00049
	demdum	.9983238	.0005143	-3.26	0.001	.9973163 .9993324
	independen~C	1.001102	.0004363	2.53	0.011	1.000247 1.001958
	transformC	1.00041	.0003944	1.04	0.298	.9996375 1.001184
	lnpop	1.000078	.000113	0.69	0.493	.999856 1.000299
	lngdppc	.999795	.0002383	-0.86	0.390	.999328 1.000262
	africa	.9977109	.0012924	-1.77	0.077	.9951811 1.000247
	diffreligion	.9997491	.0002598	-0.97	0.334	.9992401 1.000258

Note: variables in tvc equation interacted with _t

. */significant only/*

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(HCTrebels demdum independenceC africa) nolog

```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```


(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.7328461	1.904845	-0.12	0.905	.004493	119.5343
	o_rebstren~h	.221531	.1018044	-3.28	0.001	.0900048	.5452599
	demdum	.5052333	.4770055	-0.72	0.470	.079405	3.214668
	independen~C	.6385804	.6164501	-0.46	0.642	.0962748	4.235633
	transformC	1.820628	1.564194	0.70	0.486	.3379952	9.8069
	lnpop	1.127054	.218693	0.62	0.538	.7705095	1.648585
	lngdppc	2.002582	.7679609	1.81	0.070	.9444237	4.246329
	africa	1.356182	1.028198	0.40	0.688	.3068839	5.993245
	diffreligion	.7280456	.4358412	-0.53	0.596	.2252115	2.353567
	warage	1.235999	.0722898	3.62	0.000	1.102133	1.386125

tvc							
	HCTrebels	1.047517	.4100758	0.12	0.906	.4863371	2.256236

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa  
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)  
tvc(o_rebstrength) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566  
                                   No. of subjects     =          104  
Failure event   : outcomeF == 1    No. failed         =           18  
Competing events: outcomeF == 0 3 4 No. competing      =           69  
                                   No. censored        =           17  
  
                                   Wald chi2(11)       =          76.95  
Log pseudolikelihood = -57.71199    Prob > chi2        =          0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.005481	.539578	0.01	0.992	.3512271	2.878458
	o_rebstren~h	.2465785	.4236457	-0.81	0.415	.0085018	7.151577
	demdum	.5122392	.4889025	-0.70	0.483	.0788952	3.325792
	independen~C	.6429506	.6237625	-0.46	0.649	.0960239	4.305029
	transformC	1.846725	1.575569	0.72	0.472	.346883	9.831533
	lnpop	1.125477	.2228126	0.60	0.550	.7635244	1.659016
	lngdppc	1.997983	.7884291	1.75	0.079	.9219282	4.329987
	africa	1.351724	1.033012	0.39	0.693	.3022626	6.044938

diffreligion		.7299184	.4510732	-0.51	0.610	.2173956	2.450743
warage		1.23727	.0731362	3.60	0.000	1.101918	1.389248

tvc							
o_rebstren~h		.9851453	.2240203	-0.07	0.948	.630868	1.538374

Note: variables in tvC equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(demdum) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 1                       No. failed      =       18
Competing events: outcomeF == 0 3 4                   No. competing   =       69
                                                         No. censored    =       17

                                                         Wald chi2(11)   =      82.04
Log pseudolikelihood = -55.42555                       Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				[95% Conf. Interval]	
_t		SHR	Std. Err.	z	P> z		

main							
HCTrebels		1.084285	.5634247	0.16	0.876	.3915934	3.002282
o_rebstren~h		.2422201	.1194957	-2.87	0.004	.0921049	.6369976
demdum		170.7386	757.5942	1.16	0.247	.0285375	1021522
independen~C		.6676841	.5969059	-0.45	0.651	.1157715	3.850707
transformC		2.167739	1.885886	0.89	0.374	.3939854	11.92707
lnpop		1.126437	.2535101	0.53	0.597	.7246691	1.75095
lngdppc		1.929482	.7302605	1.74	0.082	.9189298	4.051344
africa		1.277205	1.012149	0.31	0.758	.2702139	6.036896
diffreligion		.8375225	.497557	-0.30	0.765	.2614044	2.683366
warage		1.267312	.0859111	3.49	0.000	1.109636	1.447393

tvc							
demdum		.428831	.2567771	-1.41	0.157	.1326173	1.386666

Note: variables in tvC equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(independenceC) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
```


origin: time startdate
id: VPFid

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 1    No. failed      =       18
Competing events: outcomeF == 0 3 4 No. competing    =       69
                                   No. censored     =       17

                                   Wald chi2(11)     =      79.06
Log pseudolikelihood = -57.704659  Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	1.004623	.5443896	0.01	0.993	.3473365	2.905735
o_rebstren~h	.2198351	.1012365	-3.29	0.001	.0891475	.5421067
demdum	.5060115	.4755322	-0.72	0.469	.0802103	3.192202
independen~C	.8419868	2.002607	-0.07	0.942	.0079576	89.08991
transformC	1.862071	1.615993	0.72	0.474	.3398471	10.20255
lnpop	1.125676	.2184091	0.61	0.542	.7695899	1.646523
lngdppc	1.998446	.7662287	1.81	0.071	.9426081	4.236952
africa	1.349079	1.026854	0.39	0.694	.3034898	5.996955
diffreligion	.7255235	.433535	-0.54	0.591	.2249147	2.340373
warage	1.238377	.0707671	3.74	0.000	1.107162	1.385144

tvc						
independen~C	.9643243	.2905864	-0.12	0.904	.5342257	1.74069

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(transformC) texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 1    No. failed      =       18
Competing events: outcomeF == 0 3 4 No. competing    =       69
                                   No. censored     =       17

                                   Wald chi2(11)     =     103.08
Log pseudolikelihood = -56.554467  Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	1.003425	.5950305	0.01	0.995	.3138503	3.208093
o_rebstren~h	.1924694	.0918336	-3.45	0.001	.0755484	.4903413
demdum	.4214407	.3751017	-0.97	0.332	.0736424	2.411821
independen~C	.6018789	.5819721	-0.53	0.600	.0904608	4.004587
transformC	.0285678	.0883562	-1.15	0.250	.0000666	12.26097
lnpop	1.148371	.2197452	0.72	0.470	.7892264	1.670948
lngdppc	1.988364	.7718491	1.77	0.077	.9291245	4.255179
africa	1.346944	1.106737	0.36	0.717	.2691203	6.741437
diffreligion	.7127761	.4855632	-0.50	0.619	.1875386	2.709041
warage	1.252182	.0782483	3.60	0.000	1.107838	1.415333

tvc						
transformC	1.762583	.6068707	1.65	0.100	.8975827	3.461184

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(lnpop) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566
                                   No. of subjects       =          104
Failure event   : outcomeF == 1    No. failed          =           18
Competing events: outcomeF == 0 3 4 No. competing        =           69
                                   No. censored           =           17

                                   Wald chi2(11)         =          94.71
Log pseudolikelihood = -57.68677    Prob > chi2         =          0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.9984498	.5349287	-0.00	0.998	.3493712	2.853417
o_rebstren~h	.2218302	.1019788	-3.28	0.001	.090097	.5461742
demdum	.5030619	.4795715	-0.72	0.471	.0776545	3.258939
independen~C	.6400192	.6184402	-0.46	0.644	.0963143	4.252999
transformC	1.831193	1.580452	0.70	0.483	.3373537	9.939917
lnpop	.9556601	.5751847	-0.08	0.940	.2937578	3.108977
lngdppc	2.004546	.7704451	1.81	0.070	.9437515	4.257694
africa	1.325761	1.020235	0.37	0.714	.2933765	5.991076
diffreligion	.7208983	.4147658	-0.57	0.569	.2334203	2.226431
warage	1.2385	.0747082	3.55	0.000	1.1004	1.393933

```
-----+-----
tvc      |
      lnpop | 1.024172  .0796757  0.31  0.759  .8793335  1.192868
-----+-----
```

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(lngdppc) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 1     No. failed      =       18
Competing events: outcomeF == 0 3 4 No. competing   =       69
                                     No. censored    =       17

                                     Wald chi2(11)   =      77.19
Log pseudolikelihood = -57.490031    Prob > chi2     =      0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----+-----
      _t |          Robust
          |          SHR   Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----
main    |
  HCTrebels | .9764381  .5303871  -0.04  0.965  .3367319  2.831425
o_rebstren~h | .2236799  .1050846  -3.19  0.001  .0890703  .5617212
  demdum | .5010861  .4723858  -0.73  0.464  .0789704  3.179511
independen~C | .6853347  .6953273  -0.37  0.710  .0938189  5.006281
  transformC | 1.991355  1.806073   0.76  0.448  .3366247  11.78017
  lnpop | 1.136253  .2343846   0.62  0.536  .7583864  1.702392
  lngdppc | 4.16419  7.191223   0.83  0.409  .1411151  122.8818
  africa | 1.386809  1.093949   0.41  0.678  .2955075  6.508262
diffreligion | .707101  .4340733  -0.56  0.572  .2122991  2.35513
  warage | 1.242703  .0713103   3.79  0.000  1.11051  1.390631
-----+-----
tvc      |
  lngdppc | .9060366  .1943549  -0.46  0.646  .5950502  1.379551
-----+-----
```

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(africa) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```

Competing-risks regression                No. of obs      =      566
                                           No. of subjects =      104
Failure event   : outcomeF == 1          No. failed      =       18
Competing events: outcomeF == 0 3 4      No. competing   =       69
                                           No. censored    =       17

                                           Wald chi2(11)   =      82.34
Log pseudolikelihood = -56.593997        Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
          |              Robust
          |              SHR   Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----
main     |
  HCTrebels |   1.056158   .5653952    0.10  0.919    .369874   3.015812
o_rebstren~h | .2257834   .1018605   -3.30  0.001    .0932564   .546645
  demdum |   .4487277   .444797    -0.81  0.419    .0643039   3.131325
independen~C | .4926184   .4630031   -0.75  0.451    .0780696   3.108419
  transformC | 1.481202   1.188942    0.49  0.625    .3071608   7.142707
  lnpop |   1.23621   .255305    1.03  0.305    .8247074   1.853038
  lngdppc |   2.23682   .8311802    2.17  0.030    1.079775   4.633713
  africa |  38.41775  133.1758    1.05  0.293    .0430355  34295.49
diffreligion | .7738736   .4293116   -0.46  0.644    .2608917   2.295513
  warage |   1.235975   .0752705    3.48  0.001    1.096912   1.392668
-----+-----
tvc      |
  africa |   .6327911   .3044831   -0.95  0.342    .2464244   1.624939
-----+-----

```

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(diffreligion) texp(ln(_t)) nolog

```

```

      failure _d: outcomeF == 1
      analysis time _t: (enddate2009-origin)
                   origin: time startdate
                   id: VPFid

```

```

Competing-risks regression                No. of obs      =      566
                                           No. of subjects =      104
Failure event   : outcomeF == 1          No. failed      =       18
Competing events: outcomeF == 0 3 4      No. competing   =       69
                                           No. censored    =       17

                                           Wald chi2(11)   =      97.45
Log pseudolikelihood = -57.706917        Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
          |              Robust
          |              SHR   Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----

```

main							
HCTrebels		1.005978	.5413766	0.01	0.991	.3503533	2.888489
o_rebstren~h		.2220071	.1007796	-3.32	0.001	.0911939	.5404654
demdum		.5108174	.4776551	-0.72	0.473	.0817192	3.193061
independen~C		.647053	.6271926	-0.45	0.653	.0967977	4.325287
transformC		1.850458	1.602577	0.71	0.477	.3389234	10.10315
lnpop		1.129571	.2240571	0.61	0.539	.7657245	1.666304
lngdppc		2.012451	.8237089	1.71	0.088	.9022421	4.488771
africa		1.378492	1.128849	0.39	0.695	.2769201	6.862055
diffreligion		.9072691	1.738536	-0.05	0.959	.0212148	38.80022
warage		1.237215	.0741283	3.55	0.000	1.100133	1.391379

tvc							
diffreligion		.9682094	.2911593	-0.11	0.914	.5370275	1.745589

Note: variables in tvc equation interacted with ln(_t)

. */all/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 1	No. failed	=	18
Competing events: outcomeF == 0 3 4	No. competing	=	69
	No. censored	=	17
	Wald chi2(19)	=	266.58
Log pseudolikelihood = -45.421736	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t		SHR	Std. Err.	z	P> z	[95% Conf. Interval]
main						
HCTrebels		.0010993	.0045358	-1.65	0.099	3.38e-07 3.574716
o_rebstren~h		.0097378	.0416165	-1.08	0.278	2.24e-06 42.29229
demdum		79884.76	427589.1	2.11	0.035	2.219958 2.87e+09
independen~C		4.48e-06	.0000279	-1.98	0.048	2.24e-11 .8936024
transformC		.0282413	.1450862	-0.69	0.487	1.20e-06 666.5342
lnpop		17.07695	23.05683	2.10	0.036	1.210993 240.8126
lngdppc		159691	676009.1	2.83	0.005	39.8058 6.41e+08
africa		1.18e+13	1.52e+14	2.34	0.019	128.7454 1.08e+24
diffreligion		.8847777	3.939096	-0.03	0.978	.0001436 5450.632
warage		1.293025	.0816288	4.07	0.000	1.142537 1.463333

tvc							
HCTrebels	2.586967	1.494841	1.64	0.100	.8335594	8.028701	
o_rebstren~h	1.513006	.8052664	0.78	0.437	.5330969	4.29413	
demdum	.177153	.1073781	-2.86	0.004	.0540018	.5811512	
independen~C	4.325521	3.309566	1.91	0.056	.9655227	19.37824	
transformC	1.701897	1.119152	0.81	0.419	.4690198	6.175548	
lnpop	.7543599	.1283591	-1.66	0.098	.5404324	1.05297	
lngdppc	.2559844	.1318645	-2.65	0.008	.0932688	.7025716	
africa	.0241161	.0382289	-2.35	0.019	.0010789	.5390563	
diffreligion	1.020165	.5698257	0.04	0.971	.3413672	3.048734	

Note: variables in tvc equation interacted with ln(_t)

. */significant only/*

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 3, 4) vce(cluster js_countryid)
tvc(HCTrebels demdum independenceC lnpop lngdppc africa) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 1
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 1	No. failed	=	18
Competing events: outcomeF == 0 3 4	No. competing	=	69
	No. censored	=	17
	Wald chi2(16)	=	178.28
Log pseudolikelihood = -45.79437	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	
main						
HCTrebels	.0006866	.0032142	-1.56	0.120	7.11e-08	6.631398
o_rebstren~h	.2269258	.120564	-2.79	0.005	.0801026	.6428668
demdum	147659.9	727483.7	2.42	0.016	9.453727	2.31e+09
independen~C	.0000465	.0002909	-1.60	0.110	2.23e-10	9.719497
transformC	1.537292	1.511335	0.44	0.662	.2238348	10.55809
lnpop	19.56501	25.1225	2.32	0.021	1.579402	242.3637
lngdppc	322075	1396933	2.92	0.003	65.471	1.58e+09
africa	6.43e+13	7.66e+14	2.67	0.008	4657.99	8.88e+23
diffreligion	1.243731	.6637953	0.41	0.683	.4369476	3.540167
warage	1.289758	.0756423	4.34	0.000	1.149705	1.446871
tvc						
HCTrebels	2.740294	1.756014	1.57	0.116	.7804353	9.621826
demdum	.1670611	.0942993	-3.17	0.002	.0552594	.505062

```

independen~C | 3.123475 2.428962 1.46 0.143 .6803045 14.34078
  lnpop | .7362362 .1176279 -1.92 0.055 .5382962 1.006962
  lngdppc | .2315942 .1220187 -2.78 0.005 .0824632 .6504223
  africa | .0191169 .0277685 -2.72 0.006 .0011092 .3294896

```

Note: variables in tvc equation interacted with ln(_t)

```

. */agreement/*

. quietly stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=3)

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(HCTrebels) nolog

```

```

      failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
      origin: time startdate
      id: VPFid

```

```

Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 3     No. failed           =            44
Competing events: outcomeF == 0 1 4 No. competing        =            43
                                     No. censored         =            17

                                     Wald chi2(11)        =           38.74
Log pseudolikelihood = -148.056     Prob > chi2          =           0.0001

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
      |               Robust
      |               SHR   Std. Err.      z    P>|z|      [95% Conf. Interval]
-----+-----
main |
  HCTrebels |   .008612   .02002   -2.05  0.041   .0000904   .8200781
o_rebstren~h |  1.426123   .4005109   1.26  0.206   .8224444   2.472906
  demdum |  1.836624   .965719   1.16  0.248   .6553122   5.147452
independen~C |   .875889   .4355313  -0.27  0.790   .3305168   2.321158
  transformC |  .7750362   .4053782  -0.49  0.626   .2780392   2.160419
  lnpop |  .7795281   .1167081  -1.66  0.096   .5812902   1.045371
  lngdppc |  .8209339   .2669463  -0.61  0.544   .4340299   1.552733
  africa |  .7953092   .3685561  -0.49  0.621   .3206851   1.972392
diffreligion |  3.018905   1.57982   2.11  0.035   1.08245   8.419589
  warage |  1.14785   .0409623   3.86  0.000   1.070308   1.231009
-----+-----
tvc |
  HCTrebels |  1.00061   .0002583   2.36  0.018   1.000104   1.001117

```

Note: variables in tvc equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(o_rebstrength) nolog

```

```

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs       =       566
                                     No. of subjects  =       104
Failure event   : outcomeF == 3     No. failed       =        44
Competing events: outcomeF == 0 1 4 No. competing    =        43
                                     No. censored    =        17

                                     Wald chi2(11)    =       32.33
Log pseudolikelihood = -151.19734   Prob > chi2      =       0.0007

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.1949686	.1255217	-2.54	0.011	.0552023	.6886084
o_rebstren~h		1.321272	.3985854	0.92	0.356	.7314964	2.386561
	demdum	2.145368	1.047091	1.56	0.118	.8242438	5.584034
independen~C		.7836553	.3869289	-0.49	0.621	.2977456	2.062552
	transformC	.740392	.4049742	-0.55	0.583	.2534415	2.162946
	lnpop	.7469849	.1138309	-1.91	0.056	.5541146	1.006987
	lngdppc	.8557568	.2745591	-0.49	0.627	.4563024	1.6049
	africa	.823746	.373646	-0.43	0.669	.3386052	2.003978
diffreligion		3.491003	1.848052	2.36	0.018	1.236929	9.852709
	warage	1.1938	.051104	4.14	0.000	1.097725	1.298284

tvc							
o_rebstren~h		1.000053	.0000533	0.99	0.324	.9999481	1.000157

Note: variables in tvc equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(demdum) nolog

```

```

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs       =       566
                                     No. of subjects  =       104
Failure event   : outcomeF == 3     No. failed       =        44
Competing events: outcomeF == 0 1 4 No. competing    =        43
                                     No. censored    =        17

                                     Wald chi2(11)    =       47.85
Log pseudolikelihood = -147.02294   Prob > chi2      =       0.0000

```


(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.1356577	.1047255	-2.59	0.010	.0298766	.6159677
o_rebstren~h	1.480725	.4255262	1.37	0.172	.8430601	2.600699
demdum	.3228533	.2151584	-1.70	0.090	.0874462	1.191981
independen~C	1.026583	.5376264	0.05	0.960	.3678035	2.865315
transformC	.7087699	.4035691	-0.60	0.545	.2321862	2.163586
lnpop	.7999351	.1292879	-1.38	0.167	.5827482	1.098066
lngdppc	.871884	.2854486	-0.42	0.675	.4589669	1.656289
africa	.8447734	.3844292	-0.37	0.711	.3462468	2.061079
diffreligion	2.380497	1.263128	1.63	0.102	.8414089	6.734853
warage	1.141563	.0421679	3.58	0.000	1.061836	1.227276

tvc						
demdum	1.000513	.0001397	3.67	0.000	1.000239	1.000787

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa  
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)  
tvc(independenceC) nolog
```

```
failure _d: outcomeF == 3  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566  
                                   No. of subjects     =          104  
Failure event   : outcomeF == 3    No. failed         =           44  
Competing events: outcomeF == 0 1 4 No. competing      =           43  
                                   No. censored        =           17  
  
                                   Wald chi2(11)       =          32.76  
Log pseudolikelihood = -151.06887  Prob > chi2       =          0.0006
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.185682	.1211284	-2.58	0.010	.0517004	.6668769
o_rebstren~h	1.491287	.4318296	1.38	0.168	.8454353	2.630524
demdum	2.196866	1.071976	1.61	0.107	.8442168	5.716804
independen~C	.5801697	.370568	-0.85	0.394	.16591	2.028792
transformC	.774973	.4118452	-0.48	0.631	.2734835	2.196049
lnpop	.7442741	.1197207	-1.84	0.066	.5430156	1.020125
lngdppc	.8457449	.2800786	-0.51	0.613	.4419303	1.618546
africa	.7756213	.3698064	-0.53	0.594	.3046545	1.974658

diffreligion		3.558123	1.848139	2.44	0.015	1.285567	9.847978
warage		1.179538	.0476198	4.09	0.000	1.089802	1.276663

tvc							
independen~C		1.0001	.0001059	0.94	0.346	.9998922	1.000307

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(transformC) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 3      No. failed           =            44
Competing events: outcomeF == 0 1 4  No. competing         =            43
                                     No. censored         =            17

                                     Wald chi2(11)        =           32.34
Log pseudolikelihood = -151.17694     Prob > chi2          =           0.0007
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				[95% Conf. Interval]	
_t		SHR	Std. Err.	z	P> z		

main							
HCTrebels		.1871207	.1239063	-2.53	0.011	.0511068	.6851167
o_rebstren~h		1.516643	.4260253	1.48	0.138	.8745418	2.630183
demdum		2.252967	1.130291	1.62	0.105	.842783	6.022739
independen~C		.7616703	.373641	-0.55	0.579	.2912099	1.992177
transformC		1.038892	.6651228	0.06	0.952	.2962179	3.643589
lnpop		.7439755	.1163255	-1.89	0.059	.5476052	1.010764
lngdppc		.8399384	.2712778	-0.54	0.589	.4459969	1.581841
africa		.7817538	.3496562	-0.55	0.582	.3253508	1.8784
diffreligion		3.62918	1.935685	2.42	0.016	1.275868	10.32313
warage		1.187655	.0493139	4.14	0.000	1.09483	1.28835

tvc							
transformC		.999892	.0001282	-0.84	0.400	.9996407	1.000143

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(lnpop) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
```

origin: time startdate
id: VPFid

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 3    No. failed      =       44
Competing events: outcomeF == 0 1 4 No. competing   =       43
                                   No. censored    =       17

                                   Wald chi2(11)   =      31.63
Log pseudolikelihood = -151.28587  Prob > chi2     =      0.0009

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.1969969	.1266434	-2.53	0.012	.0558789	.6944983
o_rebstren~h		1.508528	.4222951	1.47	0.142	.8715039	2.611184
	demdum	2.128017	1.035284	1.55	0.121	.8200947	5.52187
independen~C		.8025413	.391934	-0.45	0.652	.3081552	2.090092
	transformC	.7566207	.4101377	-0.51	0.607	.2614999	2.189197
	lnpop	.7897863	.1316574	-1.42	0.157	.5696581	1.094977
	lngdppc	.8339932	.2706554	-0.56	0.576	.4414917	1.575442
	africa	.8238503	.3803347	-0.42	0.675	.3333395	2.036151
diffreligion		3.592167	1.936985	2.37	0.018	1.24844	10.33583
	warage	1.191306	.0509511	4.09	0.000	1.095515	1.295474

tvc							
	lnpop	.9999758	.0000341	-0.71	0.478	.9999091	1.000043

Note: variables in tvc equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(lngdppc) nolog

```

```

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 3    No. failed      =       44
Competing events: outcomeF == 0 1 4 No. competing   =       43
                                   No. censored    =       17

                                   Wald chi2(11)   =      33.43
Log pseudolikelihood = -150.48638  Prob > chi2     =      0.0004

```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.1732307	.1137118	-2.67	0.008	.0478498	.6271467
o_rebstren~h	1.492626	.413178	1.45	0.148	.8676162	2.567879
demdum	2.036612	1.002493	1.45	0.148	.776098	5.344413
independen~C	.8615578	.4143194	-0.31	0.757	.3356953	2.211177
transformC	.7762158	.4024754	-0.49	0.625	.2809482	2.144562
lnpop	.7603225	.1141903	-1.82	0.068	.5664463	1.020556
lngdppc	.6318429	.2432794	-1.19	0.233	.2970774	1.343843
africa	.7852053	.3545427	-0.54	0.592	.3240719	1.902502
diffreligion	3.418944	1.723563	2.44	0.015	1.272866	9.183348
warage	1.17156	.0451842	4.11	0.000	1.086265	1.263552

tvc						
lngdppc	1.000086	.0000515	1.67	0.096	.9999848	1.000187

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(africa) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566
                                   No. of subjects       =          104
Failure event   : outcomeF == 3    No. failed          =           44
Competing events: outcomeF == 0 1 4 No. competing        =           43
                                   No. censored          =           17

                                   Wald chi2(11)         =          31.77
Log pseudolikelihood = -151.39228  Prob > chi2         =          0.0008
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.1972004	.1262896	-2.54	0.011	.0562066	.6918756
o_rebstren~h	1.508525	.4263796	1.45	0.146	.8668886	2.625076
demdum	2.124838	1.037575	1.54	0.123	.8159767	5.533171
independen~C	.7871932	.3797729	-0.50	0.620	.3057936	2.026443
transformC	.7541483	.4129787	-0.52	0.606	.2578284	2.205884
lnpop	.7496248	.1151617	-1.88	0.061	.5547246	1.013002
lngdppc	.8501396	.2738972	-0.50	0.614	.4521171	1.598562
africa	.8084068	.4375244	-0.39	0.694	.2798622	2.335155
diffreligion	3.511523	1.855827	2.38	0.017	1.246346	9.893558
warage	1.184173	.0482108	4.15	0.000	1.093354	1.282537

```
-----+-----
tvc      |
  africa | 1.000007  .0001217  0.06  0.956  .9997683  1.000245
-----+-----
```

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(diffreligion) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 3                       No. failed      =       44
Competing events: outcomeF == 0 1 4                   No. competing   =       43
                                                         No. censored   =       17

                                                         Wald chi2(11)  =      33.54
Log pseudolikelihood = -150.62477                      Prob > chi2    =      0.0004
```

(Std. Err. adjusted for 49 clusters in js_countryid)

```
-----+-----
          |              Robust
          |              SHR   Std. Err.      z    P>|z|      [95% Conf. Interval]
-----+-----
main      |
  HCTrebels |   .182592   .1178352   -2.64  0.008   .051542   .6468482
o_rebstren~h | 1.439792   .4094888    1.28  0.200   .8245383  2.514135
  demdum    | 1.956724   .9981677    1.32  0.188   .7199675  5.317972
independen~C | .8148019   .4068112   -0.41  0.682   .3062438  2.167887
  transformC | .7775832   .4042496   -0.48  0.628   .2806885  2.154116
  lnpop     | .7419231   .1169379   -1.89  0.058   .5447497  1.010464
  lngdppc   | .8304339   .2712851   -0.57  0.570   .4377595  1.575341
  africa    | .774614    .3652135   -0.54  0.588   .3074415  1.951678
diffreligion | 2.184242   1.542638    1.11  0.269   .5471837  8.719035
  warage    | 1.18619    .0471016    4.30  0.000   1.097373  1.282195
-----+-----
tvc      |
diffreligion | 1.000152   .0001283    1.19  0.235   .999901   1.000404
-----+-----
```

Note: variables in tvc equation interacted with _t

```
. */all/*
```

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion) nolog
```

```
failure _d: outcomeF == 3
```

```

analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 3     No. failed      =       44
Competing events: outcomeF == 0 1 4 No. competing    =       43
                                     No. censored    =       17

Log pseudolikelihood = -143.66689    Wald chi2(19)   =      65.44
                                     Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	.0233047	.0496993	-1.76	0.078	.0003566	1.523022
o_rebstren~h		.9169334	.3521993	-0.23	0.821	.4319032	1.946656
	demdum	.3163322	.2072606	-1.76	0.079	.0875864	1.142484
independen~C		.6852706	.5910717	-0.44	0.661	.1263772	3.715826
	transformC	.8868774	.5894876	-0.18	0.857	.2410399	3.263159
	lnpop	.7824245	.1549019	-1.24	0.215	.5307919	1.153349
	lngdppc	.6927043	.3190235	-0.80	0.425	.2808851	1.708311
	africa	.3923888	.2629992	-1.40	0.163	.1054866	1.459606
diffreligion		2.018562	2.041153	0.69	0.487	.2781723	14.64772
	warage	1.153599	.0468633	3.52	0.000	1.06531	1.249205

tvc							
	HCTrebels	1.000234	.000213	1.10	0.272	.9998166	1.000652
o_rebstren~h		1.000191	.0001217	1.57	0.117	.9999522	1.000429
	demdum	1.000556	.000174	3.20	0.001	1.000215	1.000897
independen~C		1.000134	.0002245	0.60	0.549	.9996944	1.000575
	transformC	.9999513	.0001771	-0.27	0.783	.9996042	1.000299
	lnpop	1.000012	.0000505	0.24	0.813	.999913	1.000111
	lngdppc	1.000095	.0001118	0.85	0.395	.9998761	1.000314
	africa	1.000248	.0001909	1.30	0.193	.9998741	1.000623
diffreligion		1.000023	.0002481	0.09	0.926	.9995369	1.00051

Note: variables in tv equation interacted with _t

```

.*/ln(_t)/*

```

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(HCTrebels) texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 3                       No. failed      =       44
Competing events: outcomeF == 0 1 4                  No. competing   =       43
                                                         No. censored    =       17

                                                         Wald chi2(11)   =      38.61
Log pseudolikelihood = -148.15704                    Prob > chi2     =      0.0001

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.86e-11	2.49e-10	-1.85	0.065	7.55e-23	4.595588
o_rebstren~h		1.422823	.4008894	1.25	0.211	.8190669	2.471624
	demdum	1.841269	.969929	1.16	0.247	.6557344	5.170189
independen~C		.8676419	.4296864	-0.29	0.774	.3286972	2.290261
	transformC	.7736917	.4044365	-0.49	0.624	.2777245	2.155369
	lnpop	.7756571	.1167546	-1.69	0.091	.5774893	1.041827
	lngdppc	.8266458	.268605	-0.59	0.558	.4372557	1.5628
	africa	.8001044	.3699997	-0.48	0.630	.3232344	1.980504
diffreligion		3.030555	1.581187	2.13	0.034	1.089957	8.426265
	warage	1.151357	.0409315	3.96	0.000	1.073864	1.234443

tvc							
	HCTrebels	15.6381	23.05563	1.87	0.062	.8694352	281.2749

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(o_rebstrength) texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                               No. of obs      =      566
                                                         No. of subjects =      104
Failure event   : outcomeF == 3                       No. failed      =       44
Competing events: outcomeF == 0 1 4                  No. competing   =       43
                                                         No. censored    =       17

                                                         Wald chi2(11)   =      31.43
Log pseudolikelihood = -151.14447                    Prob > chi2     =      0.0009

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.195325	.1252417	-2.55	0.011	.0555866	.6863494
o_rebstren~h	.5645617	.6302951	-0.51	0.609	.0632998	5.035246
demdum	2.126194	1.035254	1.55	0.121	.8187451	5.5215
independen~C	.7891327	.3867174	-0.48	0.629	.302006	2.06198
transformC	.7413201	.4069348	-0.55	0.586	.2527863	2.173993
lnpop	.7479117	.1145198	-1.90	0.058	.5540064	1.009685
lngdppc	.8565329	.2754323	-0.48	0.630	.4560644	1.608651
africa	.8215011	.3755051	-0.43	0.667	.3353722	2.012284
diffreligion	3.458714	1.814233	2.37	0.018	1.23716	9.669491
warage	1.191901	.0511967	4.09	0.000	1.095665	1.29659

tvc						
o_rebstren~h	1.142781	.1682413	0.91	0.365	.8563444	1.525028

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(demdum) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 3     No. failed           =            44
Competing events: outcomeF == 0 1 4 No. competing        =            43
                                     No. censored         =            17

                                     Wald chi2(11)        =           47.36
Log pseudolikelihood = -146.19789   Prob > chi2          =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.1384451	.1073422	-2.55	0.011	.0302905	.6327747
o_rebstren~h	1.496501	.4319099	1.40	0.162	.8499804	2.634784
demdum	3.38e-07	1.58e-06	-3.19	0.001	3.58e-11	.0031863
independen~C	.9871156	.5090173	-0.03	0.980	.3592827	2.712063
transformC	.6901706	.3917688	-0.65	0.514	.2268715	2.099582
lnpop	.8065671	.1297797	-1.34	0.182	.5884085	1.10561
lngdppc	.8857005	.2895999	-0.37	0.710	.4666241	1.681151
africa	.8479189	.3846209	-0.36	0.716	.3485334	2.062834
diffreligion	2.420583	1.271236	1.68	0.092	.8647449	6.775665
warage	1.147978	.0423847	3.74	0.000	1.06784	1.23413

tvc						
demdum	7.059839	4.04264	3.41	0.001	2.298135	21.68773

Failure event : outcomeF == 3 No. failed = 44
 Competing events: outcomeF == 0 1 4 No. competing = 43
 No. censored = 17

Log pseudolikelihood = -151.2821 Wald chi2(11) = 38.86
 Prob > chi2 = 0.0001

(Std. Err. adjusted for 49 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.2031325	.1330398	-2.43	0.015	.056272	.7332736
o_rebstren~h	1.502994	.4268383	1.43	0.151	.8614357	2.622356
demdum	2.042493	1.048011	1.39	0.164	.7471468	5.583612
independen~C	.8080668	.4022948	-0.43	0.669	.3045635	2.14396
transformC	.1632591	.3775604	-0.78	0.433	.0017553	15.18466
lnpop	.7557086	.1158874	-1.83	0.068	.5595297	1.020671
lngdppc	.8585407	.2730137	-0.48	0.631	.4603425	1.601182
africa	.8570983	.3827851	-0.35	0.730	.3571734	2.056753
diffreligion	3.408634	1.862812	2.24	0.025	1.167886	9.948562
warage	1.181262	.0486813	4.04	0.000	1.0896	1.280635

tvc						
transformC	1.219506	.372039	0.65	0.515	.6706641	2.217497

Note: variables in tvc equation interacted with ln(_t)

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
 diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
 tvc(lnpop) texp(ln(_t)) nolog

failure _d: outcomeF == 3
 analysis time _t: (enddate2009-origin)
 origin: time startdate
 id: VPFid

Competing-risks regression No. of obs = 566
 No. of subjects = 104
 Failure event : outcomeF == 3 No. failed = 44
 Competing events: outcomeF == 0 1 4 No. competing = 43
 No. censored = 17

Log pseudolikelihood = -151.38381 Wald chi2(11) = 33.85
 Prob > chi2 = 0.0004

(Std. Err. adjusted for 49 clusters in js_countryid)

	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	.1974185	.1264518	-2.53	0.011	.0562562	.6927957

o_rebstren~h		1.50803	.4244561	1.46	0.144	.8686148	2.618138
demdum		2.123684	1.036394	1.54	0.123	.8159979	5.527015
independen~C		.7933499	.3886746	-0.47	0.637	.303702	2.072439
transformC		.7531917	.4105881	-0.52	0.603	.2587553	2.19241
lnpop		.838027	.3858621	-0.38	0.701	.3398833	2.066266
lngdppc		.8456408	.2754594	-0.51	0.607	.4465963	1.601241
africa		.8246468	.3792459	-0.42	0.675	.3348188	2.031076
diffreligion		3.531932	1.911137	2.33	0.020	1.222996	10.19999
warage		1.185489	.0498662	4.05	0.000	1.091673	1.287367

tvc							
lnpop		.9846623	.0655839	-0.23	0.816	.8641571	1.121972

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 4) vce(cluster js_countryid)
tvc(lngdppc) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 3
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 3	No. failed	=	44
Competing events: outcomeF == 0 1 4	No. competing	=	43
	No. censored	=	17
	Wald chi2(11)	=	32.38
Log pseudolikelihood = -151.10396	Prob > chi2	=	0.0007

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
HCTrebels		.1901854	.122384	-2.58	0.010	.0538804	.6713113
o_rebstren~h		1.499249	.4172055	1.46	0.146	.8689697	2.586682
demdum		2.076709	1.012064	1.50	0.134	.799008	5.397595
independen~C		.835628	.3943825	-0.38	0.704	.3313449	2.107393
transformC		.7646459	.4017076	-0.51	0.610	.2730742	2.141115
lnpop		.7520687	.1153183	-1.86	0.063	.5568506	1.015725
lngdppc		.3387541	.3486485	-1.05	0.293	.0450631	2.546526
africa		.8036271	.3617745	-0.49	0.627	.3325548	1.941985
diffreligion		3.45745	1.755784	2.44	0.015	1.27789	9.354452
warage		1.17939	.0461104	4.22	0.000	1.092391	1.273318

tvc							
lngdppc		1.126202	.1434224	0.93	0.351	.8774355	1.445497

Note: variables in tvc equation interacted with ln(_t)

demdum		2.21e-06	.00001	-2.88	0.004	3.14e-10	.0156089
independen~C		.2519138	.9401484	-0.37	0.712	.0001677	378.4045
transformC		.1093346	.306487	-0.79	0.430	.0004494	26.59786
lnpop		.7858718	.6026263	-0.31	0.753	.1748352	3.532438
lngdppc		.3135885	.4953989	-0.73	0.463	.0141793	6.935315
africa		.0660502	.1488097	-1.21	0.228	.0007982	5.465295
diffreligion		3.667662	14.19174	0.34	0.737	.0018652	7211.886
warage		1.143112	.0422797	3.62	0.000	1.063178	1.229056

tvc							
HCTrebels		4.894157	6.617311	1.17	0.240	.3457657	69.27458
o_rebstren~h		1.313665	.3558204	1.01	0.314	.7725518	2.233787
demdum		5.604241	3.178637	3.04	0.002	1.843863	17.03354
independen~C		1.19405	.5771936	0.37	0.714	.4629768	3.079542
transformC		1.279207	.4888973	0.64	0.519	.6048143	2.705576
lnpop		1.004651	.1098092	0.04	0.966	.81092	1.244664
lngdppc		1.149266	.2441547	0.65	0.513	.7578578	1.742823
africa		1.402235	.4311515	1.10	0.272	.7675347	2.56179
diffreligion		.9387811	.4630161	-0.13	0.898	.3570618	2.468228

Note: variables in tvc equation interacted with ln(_t)

. */only 1 significant/*

. */rebel victory/*

. quietly stset enddate2009, id(VPFid) origin(time startdate) fail(outcomeF=4)

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(HCTrebels) nolog

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression                No. of obs      =      566
                                           No. of subjects =      104
Failure event   : outcomeF == 4          No. failed      =       16
Competing events: outcomeF == 0 1 3     No. competing   =       71
                                           No. censored   =       17

                                           Wald chi2(11)  =    3079.73
Log pseudolikelihood = -44.921292       Prob > chi2    =       0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				[95% Conf. Interval]	
_t		SHR	Std. Err.	z	P> z		
<hr/>							
main							
HCTrebels		1.60e-08	2.34e-08	-12.32	0.000	9.23e-10	2.79e-07
o_rebstren~h		1.332301	.5562283	0.69	0.492	.5878015	3.019773

demdum		7.92e-08	9.74e-08	-13.30	0.000	7.12e-09	8.82e-07
independen~C		.4777024	.3268729	-1.08	0.280	.1249435	1.826422
transformC		.8388984	.496521	-0.30	0.767	.2629701	2.676161
lnpop		1.164663	.407382	0.44	0.663	.5867625	2.311735
lngdppc		.3568778	.3075977	-1.20	0.232	.0658958	1.932775
africa		.6610024	.6539267	-0.42	0.676	.0950853	4.595078
diffreligion		1.156558	.8054626	0.21	0.835	.2953688	4.528667
warage		1.411637	.0856422	5.68	0.000	1.253377	1.58988

tvc							
HCTrebels		1.000923	.0001911	4.83	0.000	1.000548	1.001298

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(o_rebstrength) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

Competing-risks regression	No. of obs	=	566
	No. of subjects	=	104
Failure event : outcomeF == 4	No. failed	=	16
Competing events: outcomeF == 0 1 3	No. competing	=	71
	No. censored	=	17
	Wald chi2(11)	=	3850.72
Log pseudolikelihood = -44.000865	Prob > chi2	=	0.0000

(Std. Err. adjusted for 49 clusters in js_countryid)

_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels		1.43e-07	2.21e-07	-10.24	0.000	7.03e-09 2.92e-06
o_rebstren~h		2.204984	1.139619	1.53	0.126	.8007044 6.072096
demdum		1.10e-07	1.21e-07	-14.54	0.000	1.27e-08 9.52e-07
independen~C		.5120361	.398881	-0.86	0.390	.111226 2.357191
transformC		.919821	.4661851	-0.16	0.869	.3406404 2.483765
lnpop		1.106685	.3380695	0.33	0.740	.6081345 2.01395
lngdppc		.3762201	.3083014	-1.19	0.233	.0754931 1.874894
africa		.6447506	.6915836	-0.41	0.682	.07877 5.277429
diffreligion		1.166151	.769051	0.23	0.816	.3201887 4.247208
warage		1.396102	.0728039	6.40	0.000	1.260459 1.546343

tvc						
o_rebstren~h		.9997788	.0001391	-1.59	0.112	.9995061 1.000052

Note: variables in tvc equation interacted with _t

lnpop		1.214065	.3503193	0.67	0.501	.689647	2.137257
lngdppc		.4386326	.2847911	-1.27	0.204	.1228687	1.565888
africa		1.1233	.7861289	0.17	0.868	.284965	4.427919
diffreligion		.8476062	.5728273	-0.24	0.807	.2253912	3.187507
warage		1.505962	.1170862	5.27	0.000	1.293107	1.753855

tvc							
transformC		1.000717	.0002654	2.70	0.007	1.000197	1.001237

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(lnpop) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                                   No. censored    =       17
```

```
Log pseudolikelihood = -44.207761      Wald chi2(11)   =    3980.60
                                   Prob > chi2      =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

_t		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
HCTrebels		2.13e-07	3.03e-07	-10.78	0.000	1.30e-08	3.48e-06
o_rebstren~h		1.492952	.5468273	1.09	0.274	.7282391	3.060678
demdum		8.03e-08	7.72e-08	-17.00	0.000	1.22e-08	5.28e-07
independen~C		.3559519	.3206853	-1.15	0.252	.0608869	2.080935
transformC		.8101273	.437036	-0.39	0.696	.2814227	2.332101
lnpop		.9368598	.4157643	-0.15	0.883	.3925764	2.235759
lngdppc		.420015	.3098422	-1.18	0.240	.0989325	1.78316
africa		.6389593	.6592625	-0.43	0.664	.0845716	4.827498
diffreligion		.8049097	.7628089	-0.23	0.819	.1256226	5.15735
warage		1.355388	.0845692	4.87	0.000	1.19937	1.531702

tvc							
lnpop		1.00016	.0001624	0.99	0.324	.9998419	1.000479

Note: variables in tvC equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(lngdppc) nolog
```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 4     No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing    =       71
                                     No. censored    =       17

                                     Wald chi2(11)   =    1951.71
Log pseudolikelihood = -36.506028    Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		Robust				
_t	SHR	Std. Err.	z	P> z	[95% Conf. Interval]	

main						
HCTrebels	7.47e-11	8.45e-11	-20.59	0.000	8.11e-12	6.87e-10
o_rebstren~h	2.784006	1.015553	2.81	0.005	1.361971	5.690788
demdum	3.17e-07	2.46e-07	-19.27	0.000	6.91e-08	1.45e-06
independen~C	.1536944	.0893543	-3.22	0.001	.0491801	.4803156
transformC	.6081904	.2355396	-1.28	0.199	.2846996	1.299249
lnpop	1.020741	.2521533	0.08	0.934	.62899	1.656486
lngdppc	2.014769	1.36287	1.04	0.300	.5351047	7.585982
africa	.3169234	.2595183	-1.40	0.161	.0636697	1.577523
diffreligion	1.922579	1.387451	0.91	0.365	.4673102	7.90976
warage	1.851342	.2171676	5.25	0.000	1.471087	2.329888

tvc						
lngdppc	.9987671	.0004285	-2.88	0.004	.9979276	.9996073

Note: variables in tvc equation interacted with _t

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(africa) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression           No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 4     No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing    =       71
                                     No. censored    =       17

                                     Wald chi2(11)   =    2597.90
Log pseudolikelihood = -43.811786    Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	7.56e-08	1.05e-07	-11.79	0.000	4.95e-09	1.15e-06
	o_rebstren~h	1.455988	.5619943	0.97	0.330	.6832883	3.102499
	demdum	1.04e-07	1.42e-07	-11.79	0.000	7.18e-09	1.51e-06
	independen~C	.477627	.2440654	-1.45	0.148	.17544	1.300317
	transformC	1.203023	.8388878	0.27	0.791	.3067022	4.718792
	lnpop	1.156112	.3854232	0.44	0.663	.6014883	2.222145
	lngdppc	.3171045	.2475999	-1.47	0.141	.0686391	1.464985
	africa	.2263576	.2074802	-1.62	0.105	.0375474	1.364613
	diffreligion	1.513394	1.095969	0.57	0.567	.3660407	6.257126
	warage	1.422614	.1009167	4.97	0.000	1.237955	1.634817

tvc							
	africa	1.000375	.000252	1.49	0.137	.9998812	1.000869

Note: variables in tvc equation interacted with _t

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa  
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)  
tvc(diffreligion) nolog
```

```
failure _d: outcomeF == 4  
analysis time _t: (enddate2009-origin)  
origin: time startdate  
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566  
                                   No. of subjects     =          104  
Failure event   : outcomeF == 4    No. failed         =           16  
Competing events: outcomeF == 0 1 3 No. competing      =           71  
                                   No. censored        =           17  
  
                                   Wald chi2(11)       =      1844.72  
Log pseudolikelihood = -41.715853  Prob > chi2        =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	3.11e-07	4.80e-07	-9.69	0.000	1.50e-08	6.43e-06
	o_rebstren~h	1.587734	.6742478	1.09	0.276	.6907263	3.649634
	demdum	2.06e-07	3.00e-07	-10.58	0.000	1.19e-08	3.56e-06
	independen~C	.4552346	.3067874	-1.17	0.243	.1215071	1.705568
	transformC	.9612195	.545195	-0.07	0.944	.3162487	2.921571
	lnpop	1.360717	.5179401	0.81	0.418	.6453099	2.869242
	lngdppc	.3582417	.2562812	-1.43	0.151	.0881533	1.455841
	africa	.6180105	.6081046	-0.49	0.625	.0898335	4.251613

```

diffreligion | 142.7577 537.4877 1.32 0.188 .0890832 228772.2
warage | 1.410612 .0804434 6.03 0.000 1.261438 1.577427
-----+-----

```

```

tvc
diffreligion | .9841705 .0141279 -1.11 0.266 .9568662 1.012254
-----+-----

```

Note: variables in tvc equation interacted with _t

. */all/*

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                                   No. censored    =       17

                                   Wald chi2(19)    =    4604.97
Log pseudolikelihood = -32.99985    Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
-----+-----							
main							
	HCTrebels	6.73e-08	7.40e-08	-15.02	0.000	7.81e-09	5.81e-07
	o_rebstren~h	5.406302	3.820958	2.39	0.017	1.353022	21.60208
	demdum	1.10e-09	3.50e-09	-6.46	0.000	2.10e-12	5.72e-07
	independen~C	.065138	.079672	-2.23	0.026	.0059252	.7160808
	transformC	.1131965	.101053	-2.44	0.015	.0196764	.6512077
	lnpop	1.595737	.4626368	1.61	0.107	.9040252	2.816709
	lngdppc	3.803399	2.409204	2.11	0.035	1.098984	13.16292
	africa	.7992871	.756316	-0.24	0.813	.1251017	5.106722
	diffreligion	54.00444	188.8123	1.14	0.254	.0570726	51101.24
	warage	2.000682	.889667	1.56	0.119	.836882	4.782907
-----+-----							
tvc							
	HCTrebels	1.002987	.0023189	1.29	0.197	.9984519	1.007542
	o_rebstren~h	.9995819	.0002128	-1.96	0.049	.999165	.9999991
	demdum	.9828777	.0151653	-1.12	0.263	.9535992	1.013055
	independen~C	1.000448	.000256	1.75	0.080	.9999464	1.00095
	transformC	1.000296	.0007079	0.42	0.676	.9989096	1.001685
	lnpop	.9993839	.0008218	-0.75	0.454	.9977746	1.000996
	lngdppc	.9980261	.001375	-1.43	0.152	.9953348	1.000725

```

      africa | .9995896 .0004636 -0.89 0.376 .9986815 1.000499
diffreligion | .9874869 .0129709 -0.96 0.338 .9623889 1.013239

```

Note: variables in tvc equation interacted with _t

. */significant only/*

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(o_rebstrength independenceC) nolog

```

```

      failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
      origin: time startdate
      id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 4    No. failed     =       16
Competing events: outcomeF == 0 1 3 No. competing  =       71
                                   No. censored   =       17

                                   Wald chi2(12)   =    3829.76
Log pseudolikelihood = -43.373449   Prob > chi2    =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----
      |               Robust
      |               SHR   Std. Err.   z   P>|z|   [95% Conf. Interval]
-----+-----
main |
HCTrebels | 2.09e-07 3.06e-07 -10.53 0.000 1.20e-08 3.66e-06
o_rebstren~h | 2.592829 1.271085 1.94 0.052 .9919474 6.777338
demdum | 1.15e-07 1.28e-07 -14.28 0.000 1.28e-08 1.03e-06
independen~C | 1.418014 1.506059 0.33 0.742 .1768589 11.3693
transformC | 1.047792 .4992163 0.10 0.922 .4118349 2.665794
lnpop | 1.172115 .3863443 0.48 0.630 .6143322 2.236337
lngdppc | .353933 .2597041 -1.42 0.157 .0840113 1.491091
africa | .6605386 .7296686 -0.38 0.707 .0757901 5.756837
diffreligion | 1.204307 .8369983 0.27 0.789 .3084241 4.702468
warage | 1.434317 .0858552 6.03 0.000 1.27554 1.612858
-----+-----
tvc |
o_rebstren~h | .9997544 .0001188 -2.07 0.039 .9995215 .9999874
independen~C | .9996973 .0002576 -1.18 0.240 .9991925 1.000202
-----

```

Note: variables in tvc equation interacted with _t

. */ln(_t)/*

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(HCTrebels) texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing    =       71
                                   No. censored     =       17

                                   Wald chi2(11)    =    3141.85
Log pseudolikelihood = -44.921292   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.83e-11	5.91e-11	-7.66	0.000	3.26e-14	1.03e-08
o_rebstren~h		1.332301	.5562283	0.69	0.492	.5878015	3.019773
	demdum	7.95e-08	9.77e-08	-13.29	0.000	7.14e-09	8.85e-07
independen~C		.4777024	.3268729	-1.08	0.280	.1249435	1.826422
	transformC	.8388984	.496521	-0.30	0.767	.2629702	2.676161
	lnpop	1.164663	.407382	0.44	0.663	.5867625	2.311735
	lngdppc	.3568779	.3075977	-1.20	0.232	.0658958	1.932775
	africa	.6610024	.6539266	-0.42	0.676	.0950853	4.595077
diffreligion		1.156558	.8054626	0.21	0.835	.2953688	4.528667
	warage	1.411637	.0856422	5.68	0.000	1.253377	1.58988

tvc							
	HCTrebels	3.482813	1.235333	3.52	0.000	1.737857	6.979855

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(o_rebstrength) texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing    =       71
                                   No. censored     =       17

                                   Wald chi2(11)    =    3599.77
Log pseudolikelihood = -44.826283   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.06e-07	1.66e-07	-10.27	0.000	4.97e-09	2.28e-06
	o_rebstren~h	2.902721	4.933456	0.63	0.531	.1037781	81.19046
	demdum	8.37e-08	1.03e-07	-13.28	0.000	7.56e-09	9.27e-07
	independen~C	.4852932	.3392078	-1.03	0.301	.1233206	1.909733
	transformC	.8680269	.4754354	-0.26	0.796	.2966971	2.539528
	lnpop	1.150269	.3873315	0.42	0.678	.594529	2.225489
	lngdppc	.3668493	.2962849	-1.24	0.214	.0753385	1.786317
	africa	.6610738	.6598267	-0.41	0.678	.0934661	4.675689
	diffreligion	1.166647	.7885997	0.23	0.820	.3101464	4.388464
	warage	1.405386	.080165	5.97	0.000	1.25673	1.571626

tvc							
	o_rebstren~h	.8936745	.220622	-0.46	0.649	.5508619	1.449827

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(demdum) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs          =          566
                                   No. of subjects       =          104
Failure event   : outcomeF == 4     No. failed          =           16
Competing events: outcomeF == 0 1 3 No. competing       =           71
                                   No. censored          =           17

                                   Wald chi2(11)         =       3511.01
Log pseudolikelihood = -44.921292   Prob > chi2         =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.02e-07	1.52e-07	-10.81	0.000	5.50e-09	1.89e-06
	o_rebstren~h	1.332301	.5562283	0.69	0.492	.5878015	3.019773
	demdum	1.42e-10	5.02e-10	-6.41	0.000	1.38e-13	1.46e-07
	independen~C	.4777024	.3268729	-1.08	0.280	.1249435	1.826422
	transformC	.8388984	.496521	-0.30	0.767	.2629702	2.676161
	lnpop	1.164663	.407382	0.44	0.663	.5867625	2.311735
	lngdppc	.3568779	.3075977	-1.20	0.232	.0658958	1.932775
	africa	.6610024	.6539267	-0.42	0.676	.0950853	4.595078

diffreligion		1.156558	.8054626	0.21	0.835	.2953688	4.528667
warage		1.411637	.0856422	5.68	0.000	1.253377	1.58988

tvc							
demdum		2.449358	.9749306	2.25	0.024	1.122649	5.343926

Note: variables in tvC equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(independenceC) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 4      No. failed           =            16
Competing events: outcomeF == 0 1 3  No. competing         =            71
                                     No. censored         =            17

                                     Wald chi2(11)        =       3135.23
Log pseudolikelihood = -43.841281     Prob > chi2          =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

		SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
HCTrebels		3.52e-07	4.99e-07	-10.47	0.000	2.18e-08	5.68e-06
o_rebstren~h		1.469192	.5901553	0.96	0.338	.6685932	3.228458
demdum		2.04e-07	2.69e-07	-11.69	0.000	1.54e-08	2.70e-06
independen~C		47.65246	138.4267	1.33	0.183	.1604761	14150.13
transformC		.9575187	.5495533	-0.08	0.940	.3108946	2.949045
lnpop		1.216702	.4592426	0.52	0.603	.5806298	2.549583
lngdppc		.3062613	.2315832	-1.56	0.118	.0695738	1.348151
africa		.6546211	.670357	-0.41	0.679	.0879685	4.87139
diffreligion		1.210198	.8892846	0.26	0.795	.286663	5.109062
warage		1.453988	.0861435	6.32	0.000	1.294584	1.63302

tvc							
independen~C		.5353828	.2230288	-1.50	0.134	.2366314	1.211313

Note: variables in tvC equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(transformC) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
```

origin: time startdate
id: VPFid

```

Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 4     No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                                     No. censored    =       17

                                     Wald chi2(11)   =    2922.61
Log pseudolikelihood = -43.042032   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
HCTrebels		1.34e-06	1.59e-06	-11.46	0.000	1.33e-07	.0000136
o_rebstren~h		1.234338	.6181838	0.42	0.674	.4625231	3.294084
demdum		2.60e-07	2.45e-07	-16.11	0.000	4.11e-08	1.65e-06
independen~C		.5844848	.3328781	-0.94	0.346	.1914227	1.784649
transformC		.0000151	.0000745	-2.26	0.024	9.86e-10	.2325388
lnpop		1.221859	.3468679	0.71	0.480	.7004503	2.131399
lngdppc		.4472456	.289704	-1.24	0.214	.1256548	1.59189
africa		1.11074	.8064937	0.14	0.885	.2676496	4.609551
diffreligion		.8484401	.5686357	-0.25	0.806	.228105	3.155786
warage		1.474611	.1108572	5.17	0.000	1.272584	1.708711

tvc							
transformC		4.399234	2.574637	2.53	0.011	1.397058	13.85287

Note: variables in tvc equation interacted with ln(_t)

```

. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(lnpop) texp(ln(_t)) nolog

```

```

failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 4     No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                                     No. censored    =       17

                                     Wald chi2(11)   =    3626.79
Log pseudolikelihood = -44.43136   Prob > chi2     =     0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.60e-07	2.24e-07	-11.19	0.000	1.03e-08	2.49e-06
	o_rebstren~h	1.430009	.5027395	1.02	0.309	.7179385	2.848331
	demdum	7.83e-08	8.35e-08	-15.33	0.000	9.66e-09	6.34e-07
	independen~C	.3902405	.328447	-1.12	0.264	.074975	2.03118
	transformC	.8345118	.4616268	-0.33	0.744	.2822107	2.467695
	lnpop	.3400191	.5467324	-0.67	0.502	.0145485	7.94675
	lngdppc	.398377	.2981281	-1.23	0.219	.091895	1.727017
	africa	.6373033	.6466613	-0.44	0.657	.087226	4.65636
	diffreligion	.9197393	.7909037	-0.10	0.922	.1704897	4.96171
	warage	1.370211	.0909507	4.75	0.000	1.20306	1.560587

tvc							
	lnpop	1.214735	.2790665	0.85	0.397	.7743388	1.9056

Note: variables in tvc equation interacted with ln(_t)

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(lngdppc) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

[[failure to converge]]

```
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(africa) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression      No. of obs      =      566
                               No. of subjects   =      104
Failure event   : outcomeF == 4 No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                               No. censored     =       17

                               Wald chi2(11)     =    3566.03
Log pseudolikelihood = -44.103516 Prob > chi2     =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
--	----	-----	------------------	---	------	----------------------	--

```

-----
main |
  HCTrebels | 1.21e-08 1.68e-08 -13.16 0.000 8.01e-10 1.83e-07
o_rebstren~h | 1.438805 .5540289 0.94 0.345 .6764517 3.060322
  demdum | 1.50e-08 1.98e-08 -13.67 0.000 1.13e-09 1.99e-07
independen~C | .4765924 .2545202 -1.39 0.165 .1673285 1.357451
  transformC | 1.100124 .6987256 0.15 0.881 .3168215 3.820043
  lnpop | 1.150852 .3867859 0.42 0.676 .5955824 2.223806
  lngdppc | .329187 .2541663 -1.44 0.150 .0724815 1.495058
  africa | .0188611 .0545745 -1.37 0.170 .000065 5.47659
diffreligion | 1.397175 .9965498 0.47 0.639 .3452409 5.654305
  warage | 1.426542 .1045362 4.85 0.000 1.235688 1.646873
-----
tvc |
  africa | 1.63228 .7572131 1.06 0.291 .6575414 4.05197
-----

```

Note: variables in tvc equation interacted with ln(_t)

```

. . stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(diffreligion) texp(ln(_t)) nolog

```

```

      failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
      origin: time startdate
      id: VPFid

```

```

Competing-risks regression          No. of obs      =      566
                                   No. of subjects =      104
Failure event   : outcomeF == 4    No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                                   No. censored    =       17

                                   Wald chi2(11)    =    1903.81
Log pseudolikelihood = -41.902837   Prob > chi2     =      0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----
      _t |              Robust
          |              SHR  Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----
main |
  HCTrebels | 2.66e-07 4.11e-07 -9.79 0.000 1.28e-08 5.51e-06
o_rebstren~h | 1.585806 .6743085 1.08 0.278 .6891381 3.649167
  demdum | 1.97e-07 2.86e-07 -10.62 0.000 1.14e-08 3.40e-06
independen~C | .4555534 .3073742 -1.17 0.244 .1213977 1.709496
  transformC | .9623429 .5453222 -0.07 0.946 .3169473 2.921949
  lnpop | 1.359899 .517267 0.81 0.419 .6452587 2.866022
  lngdppc | .3588667 .2571249 -1.43 0.153 .088116 1.461543
  africa | .6181461 .6090173 -0.49 0.625 .0896314 4.263066
diffreligion | 5.35e+07 6.99e+08 1.36 0.174 .0003966 7.21e+18
  warage | 1.410568 .0803677 6.04 0.000 1.261526 1.577217
-----
tvc |

```

```
diffreligion | .0474565 .108546 -1.33 0.183 .0005362 4.199789
```

Note: variables in tvc equation interacted with ln(_t)

```
. */all/*
```

```
. . stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression          No. of obs      =      566
                                     No. of subjects =      104
Failure event   : outcomeF == 4     No. failed      =       16
Competing events: outcomeF == 0 1 3 No. competing   =       71
                                     No. censored    =       17

                                     Wald chi2(19)   =    2027.84
Log pseudolikelihood = -34.253053    Prob > chi2     =     0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
main							
HCTrebels		8.83e-26	3.20e-24	-1.59	0.111	1.25e-56	625737.4
o_rebstren~h		25.81178	62.89002	1.33	0.182	.2177098	3060.257
demdum		6.06e-08	2.51e-07	-4.02	0.000	1.82e-11	.0002021
independen~C		.0128957	.0374987	-1.50	0.135	.0000432	3.85128
transformC		.0001962	.0006559	-2.55	0.011	2.80e-07	.1374437
lnpop		6.258278	18.51603	0.62	0.535	.0189692	2064.712
lngdppc		22505.41	84335.49	2.67	0.007	14.53928	3.48e+07
africa		20.54273	53.20651	1.17	0.243	.1282363	3290.828
diffreligion		22387.97	227203.5	0.99	0.324	.0000515	9.74e+12
warage		1.632562	.3489802	2.29	0.022	1.073779	2.48213
tvc							
HCTrebels		239.7827	1130.029	1.16	0.245	.0233528	2462043
o_rebstren~h		.6880607	.2323009	-1.11	0.268	.355015	1.333542
demdum		1.46405	.9770083	0.57	0.568	.3958415	5.4149
independen~C		1.466771	.537837	1.04	0.296	.714896	3.009412
transformC		2.818153	1.493372	1.96	0.051	.9974774	7.962074
lnpop		.7421596	.4092597	-0.54	0.589	.2518298	2.187195
lngdppc		.1844258	.129666	-2.40	0.016	.04649	.7316172
africa		.5894511	.2227059	-1.40	0.162	.2810915	1.236084
diffreligion		.1771702	.3131244	-0.98	0.327	.0055463	5.659456

Note: variables in tvc equation interacted with ln(_t)

```
.
. stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(africa) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 4     No. failed           =            16
Competing events: outcomeF == 0 1 3 No. competing        =            71
                                     No. censored         =            17

                                     Wald chi2(11)        =       3566.03
Log pseudolikelihood = -44.103516    Prob > chi2          =           0.0000
```

(Std. Err. adjusted for 49 clusters in js_countryid)

	_t	SHR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

main							
	HCTrebels	1.21e-08	1.68e-08	-13.16	0.000	8.01e-10	1.83e-07
	o_rebstren~h	1.438805	.5540289	0.94	0.345	.6764517	3.060322
	demdum	1.50e-08	1.98e-08	-13.67	0.000	1.13e-09	1.99e-07
	independen~C	.4765924	.2545202	-1.39	0.165	.1673285	1.357451
	transformC	1.100124	.6987256	0.15	0.881	.3168215	3.820043
	lnpop	1.150852	.3867859	0.42	0.676	.5955824	2.223806
	lngdppc	.329187	.2541663	-1.44	0.150	.0724815	1.495058
	africa	.0188611	.0545745	-1.37	0.170	.000065	5.47659
	diffreligion	1.397175	.9965498	0.47	0.639	.3452409	5.654305
	warage	1.426542	.1045362	4.85	0.000	1.235688	1.646873

tvc							
	africa	1.63228	.7572131	1.06	0.291	.6575414	4.05197

Note: variables in tv equation interacted with ln(_t)

```
. . stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(diffreligion) texp(ln(_t)) nolog
```

```
failure _d: outcomeF == 4
analysis time _t: (enddate2009-origin)
origin: time startdate
id: VPFid
```

```
Competing-risks regression           No. of obs           =           566
                                     No. of subjects      =           104
Failure event   : outcomeF == 4     No. failed           =            16
Competing events: outcomeF == 0 1 3 No. competing        =            71
```

```

Log pseudolikelihood = -41.902837
No. censored = 17
Wald chi2(11) = 1903.81
Prob > chi2 = 0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
      |           Robust
      |           SHR  Std. Err.      z    P>|z|      [95% Conf. Interval]
-----+-----
main  |
  HCTrebels |  2.66e-07  4.11e-07   -9.79  0.000   1.28e-08   5.51e-06
o_rebstren~h |  1.585806  .6743085    1.08  0.278   .6891381   3.649167
  demdum |  1.97e-07  2.86e-07  -10.62  0.000   1.14e-08   3.40e-06
independen~C |  .4555534  .3073742   -1.17  0.244   .1213977   1.709496
  transformC |  .9623429  .5453222   -0.07  0.946   .3169473   2.921949
  lnpop |  1.359899  .517267    0.81  0.419   .6452587   2.866022
  lngdppc |  .3588667  .2571249   -1.43  0.153   .088116    1.461543
  africa |  .6181461  .6090173   -0.49  0.625   .0896314   4.263066
diffreligion |  5.35e+07  6.99e+08    1.36  0.174   .0003966   7.21e+18
  warage |  1.410568  .0803677    6.04  0.000   1.261526   1.577217
-----+-----
tvc   |
diffreligion |  .0474565  .108546   -1.33  0.183   .0005362   4.199789
-----+-----

```

Note: variables in tvc equation interacted with ln(_t)

. */all/*

```

. . stcrreg HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion warage if keepobs==1, compete(outcomeF=0, 1, 3) vce(cluster js_countryid)
tvc(HCTrebels o_rebstrength demdum independenceC transformC lnpop lngdppc africa
diffreligion) texp(ln(_t)) nolog

```

```

      failure _d: outcomeF == 4
      analysis time _t: (enddate2009-origin)
      origin: time startdate
      id: VPFid

```

```

Competing-risks regression      No. of obs      =      566
                                No. of subjects   =      104
Failure event   : outcomeF == 4      No. failed      =      16
Competing events: outcomeF == 0 1 3  No. competing    =      71
                                No. censored     =      17

```

```

Log pseudolikelihood = -34.253053
Wald chi2(19) = 2027.84
Prob > chi2 = 0.0000

```

(Std. Err. adjusted for 49 clusters in js_countryid)

```

-----+-----
      |           Robust
      |           SHR  Std. Err.      z    P>|z|      [95% Conf. Interval]
-----+-----
main  |

```

HCTrebels		8.83e-26	3.20e-24	-1.59	0.111	1.25e-56	625737.4
o_rebstren~h		25.81178	62.89002	1.33	0.182	.2177098	3060.257
demdum		6.06e-08	2.51e-07	-4.02	0.000	1.82e-11	.0002021
independen~C		.0128957	.0374987	-1.50	0.135	.0000432	3.85128
transformC		.0001962	.0006559	-2.55	0.011	2.80e-07	.1374437
lnpop		6.258278	18.51603	0.62	0.535	.0189692	2064.712
lngdppc		22505.41	84335.49	2.67	0.007	14.53928	3.48e+07
africa		20.54273	53.20651	1.17	0.243	.1282363	3290.828
diffreligion		22387.97	227203.5	0.99	0.324	.0000515	9.74e+12
warage		1.632562	.3489802	2.29	0.022	1.073779	2.48213

tvc							
HCTrebels		239.7827	1130.029	1.16	0.245	.0233528	2462043
o_rebstren~h		.6880607	.2323009	-1.11	0.268	.355015	1.333542
demdum		1.46405	.9770083	0.57	0.568	.3958415	5.4149
independen~C		1.466771	.537837	1.04	0.296	.714896	3.009412
transformC		2.818153	1.493372	1.96	0.051	.9974774	7.962074
lnpop		.7421596	.4092597	-0.54	0.589	.2518298	2.187195
lngdppc		.1844258	.129666	-2.40	0.016	.04649	.7316172
africa		.5894511	.2227059	-1.40	0.162	.2810915	1.236084
diffreligion		.1771702	.3131244	-0.98	0.327	.0055463	5.659456

Note: variables in tvc equation interacted with ln(_t)