

Thyne, Clayton L. (forthcoming). “Information, Commitment, and Intra-War Bargaining: The Effect of Governmental Constraints on Civil War Duration.”
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ONLINE APPENDIX

Appendix Table 1 (Test 1a). Impact of Government Constraints and Stability on the Duration of Civil War —
Cox model

	1	2	3	4	5	6	7	8	9	10
	Info.	Commit.	Comb.							
Indices	-0.354*	-0.506**	-0.295*							
	(0.157)	(0.203)	(0.137)							
Inst. Constraints				-0.091**						
				(0.037)						
Pol. constraints					-0.052					
					(0.041)					
Pol. polarization						-0.262				
						(0.170)				
Parliamentary							-0.555*	-0.527		
							(0.256)	(0.322)		
Exec's longevity									0.022**	
									(0.009)	
Exec party's longevity										0.017**
										(0.006)
Opposition vetoes	-0.279	-0.463*	-0.486*	-0.355**	-0.186	-0.183	-0.258	-1.272**	-0.173	-0.357**
	(0.184)	(0.203)	(0.269)	(0.142)	(0.171)	(0.183)	(0.226)	(0.457)	(0.175)	(0.153)
Battle deaths	-0.228***	-0.149*	-0.246*	-0.106*	-0.171**	-0.189***	-0.205***	-0.128	-0.162**	-0.099
	(0.071)	(0.072)	(0.106)	(0.049)	(0.057)	(0.059)	(0.063)	(0.088)	(0.055)	(0.065)
GDP/capita	0.414***	0.232*	0.469**	0.191**	0.276**	0.261**	0.202*	0.159	0.239**	0.252**
	(0.128)	(0.132)	(0.163)	(0.075)	(0.102)	(0.100)	(0.106)	(0.152)	(0.089)	(0.105)
Fight for gov	0.325	0.289	0.329	0.394*	0.365*	0.387*	0.221	0.487	0.375*	0.445*
	(0.239)	(0.252)	(0.295)	(0.193)	(0.208)	(0.216)	(0.230)	(0.306)	(0.206)	(0.223)
Coups	2.062***	2.274***	2.153***	1.755***	1.944***	2.071***	1.962***	1.478**	1.978***	2.095***
	(0.319)	(0.391)	(0.440)	(0.227)	(0.274)	(0.282)	(0.309)	(0.617)	(0.276)	(0.344)
% Forest	-0.002	-0.031	0.034	0.013	0.011	-0.002	-0.038	-0.125	0.018	0.002
	(0.074)	(0.083)	(0.102)	(0.058)	(0.067)	(0.069)	(0.083)	(0.106)	(0.066)	(0.062)
Observations	9283	7371	6287	12936	10954	10484	9343	5399	11029	9028

Note: Robust standard errors clustered by conflict in parentheses. *p<.05, **p<.01, p<.001 (one-tailed).

Appendix Table 2 (Test 1b). Impact of Government Constraints and Stability on the Duration of Civil War —
Logit model

	1	2	3	4	5	6	7	8	9	10
Indices	Info. -0.556** (0.207)	Commit. -0.735** (0.244)	Comb. -0.432** (0.163)							
Inst. constraints				-0.125** (0.043)						
Pol. constraints					-0.098* (0.054)					
Pol. polarization						-0.445* (0.207)				
Parliamentary							-0.639** (0.257)	-0.570* (0.307)		
Exec's longevity									0.036** (0.013)	
Exec party's longevity										0.041*** (0.008)
Opposition vetoes	-0.358* (0.208)	-0.539** (0.201)	-0.591* (0.277)	-0.461** (0.162)	-0.266 (0.171)	-0.252 (0.174)	-0.357* (0.209)	-1.384** (0.482)	-0.228 (0.169)	-0.446** (0.174)
Battle deaths	-0.367*** (0.080)	-0.298*** (0.082)	-0.426*** (0.111)	-0.214*** (0.061)	-0.274*** (0.069)	-0.298*** (0.068)	-0.318*** (0.075)	-0.211* (0.098)	-0.255*** (0.065)	-0.207** (0.075)
GDP/capita	0.472** (0.167)	0.044 (0.136)	0.295 (0.189)	0.225** (0.094)	0.305** (0.124)	0.265** (0.110)	0.072 (0.106)	-0.066 (0.150)	0.241** (0.093)	0.226* (0.099)
Fight for gov	0.682*** (0.208)	0.561** (0.238)	0.669** (0.283)	0.790*** (0.173)	0.639*** (0.186)	0.643*** (0.195)	0.500** (0.211)	0.657* (0.296)	0.646*** (0.188)	0.812*** (0.220)
Coups	3.385*** (0.315)	3.006*** (0.356)	3.071*** (0.391)	3.246*** (0.230)	3.128*** (0.283)	3.239*** (0.294)	2.949*** (0.311)	2.358*** (0.572)	3.140*** (0.285)	3.196*** (0.321)
% Forest	-0.013 (0.094)	-0.033 (0.100)	0.040 (0.136)	-0.016 (0.076)	0.002 (0.089)	-0.022 (0.084)	-0.044 (0.103)	-0.135 (0.127)	0.004 (0.078)	-0.013 (0.074)
Observations	9283	7371	6287	12936	10954	10484	9343	5399	11029	9028

Note: Robust standard errors clustered by conflict in parentheses. *p<.05, **p<.01, p<.001 (one-tailed).

Appendix Table 3 (Test 2a). Impact of Government Constraints and Stability on the Duration of Civil War —
Excluding Government Victories

	1	2	3	4	5	6	7	8	9	10
	Info.	Commit.	Comb.							
Indices	0.449*	0.828**	0.485*							
	(0.243)	(0.302)	(0.217)							
Inst. constraints				0.144**						
				(0.060)						
Pol. constraints					0.057					
					(0.060)					
Pol. polarization						0.373				
						(0.276)				
Parliamentary							0.705*	0.853*		
							(0.346)	(0.498)		
Exec's longevity									-0.039**	
									(0.013)	
Exec party's longevity										-0.029***
										(0.008)
Opposition vetoes	0.355	0.536*	0.480	0.540*	0.223	0.224	0.345	1.739*	0.194	0.375*
	(0.234)	(0.290)	(0.346)	(0.245)	(0.241)	(0.250)	(0.324)	(0.748)	(0.239)	(0.217)
Battle deaths	0.366***	0.270**	0.452***	0.215**	0.264***	0.283***	0.320***	0.230*	0.256***	0.158*
	(0.086)	(0.091)	(0.118)	(0.072)	(0.077)	(0.076)	(0.085)	(0.127)	(0.075)	(0.081)
GDP/capita	-0.432**	-0.129	-0.469*	-0.357**	-0.219	-0.230	-0.081	-0.002	-0.197	-0.233
	(0.184)	(0.193)	(0.260)	(0.125)	(0.148)	(0.141)	(0.160)	(0.241)	(0.127)	(0.144)
Fight for gov	-0.171	-0.142	-0.177	-0.221	-0.271	-0.264	-0.092	-0.482	-0.282	-0.334
	(0.339)	(0.374)	(0.444)	(0.300)	(0.291)	(0.301)	(0.338)	(0.494)	(0.292)	(0.312)
Coups	-2.842***	-2.360***	-1.712**	-2.689***	-2.896***	-2.911***	-2.516***	-1.493	-2.835***	-2.611***
	(0.459)	(0.517)	(0.630)	(0.387)	(0.400)	(0.404)	(0.441)	(1.138)	(0.400)	(0.532)
% Forest	-0.008	0.013	-0.088	-0.043	-0.012	-0.020	-0.008	0.247	-0.020	0.036
	(0.099)	(0.127)	(0.168)	(0.088)	(0.093)	(0.095)	(0.119)	(0.161)	(0.085)	(0.089)
Observations	9283	7371	6287	12936	10954	10484	9343	5399	11029	9028

Note: Robust standard errors clustered by conflict in parentheses. *p<.05, **p<.01, p<.001 (one-tailed).

Appendix Table 4 (Test 2b). Impact of Government Constraints and Stability on the Duration of Civil War — Limited to Negotiated Settlements and other Non-Victory Termination

	1	2	3	4	5	6	7	8	9	10
	Info.	Commit.	Comb.							
Indices	0.369 (0.251)	0.713* (0.340)	0.403* (0.227)							
Inst. constraints				0.112* (0.063)						
Pol. constraints					0.023 (0.065)					
Pol. polarization						0.325 (0.287)				
Parliamentary							0.666* (0.363)	0.765 (0.494)		
Exec's longevity									-0.025 (0.015)	
Exec party's longevity										-0.028** (0.010)
Opposition vetoes	0.291 (0.235)	0.530 (0.331)	0.430 (0.355)	0.456* (0.250)	0.154 (0.257)	0.162 (0.269)	0.301 (0.350)	1.615* (0.719)	0.139 (0.255)	0.317 (0.229)
Battle deaths	0.346*** (0.090)	0.322*** (0.102)	0.422*** (0.124)	0.197** (0.077)	0.296*** (0.084)	0.339*** (0.083)	0.355*** (0.092)	0.209* (0.125)	0.288*** (0.082)	0.228** (0.086)
GDP/capita	-0.416* (0.187)	-0.205 (0.212)	-0.450 (0.274)	-0.351** (0.127)	-0.220 (0.156)	-0.267* (0.143)	-0.124 (0.169)	0.020 (0.241)	-0.234* (0.132)	-0.278* (0.149)
Fight for gov	-0.031 (0.353)	-0.053 (0.398)	-0.148 (0.457)	0.018 (0.318)	-0.038 (0.312)	-0.049 (0.322)	0.047 (0.357)	-0.391 (0.495)	-0.032 (0.315)	-0.150 (0.336)
Coups	-1.694* (0.860)	-0.935 (1.065)	19.190*** (2.178)	-1.296* (0.773)	-1.992** (0.649)	-1.829** (0.718)	-0.736 (1.003)	-0.621 (1.647)	-1.954** (0.661)	-1.953** (0.787)
% Forest	0.010 (0.101)	0.047 (0.137)	-0.032 (0.172)	-0.023 (0.092)	0.026 (0.094)	0.019 (0.094)	0.013 (0.123)	0.261 (0.161)	0.016 (0.089)	0.060 (0.092)
Observations	9283	7371	6287	12936	10954	10484	9343	5399	11029	9028

Note: Robust standard errors clustered by conflict in parentheses. *p<.05, **p<.01, p<.001 (one-tailed).

Appendix Table 5 (Test 3a). Impact of Government Constraints and Stability on the Duration of Civil War —
Coups Removed from Analyses

	1	2	3	4	5	6	7	8	9	10
	Info.	Commit.	Comb.							
Indices	0.545*	0.877**	0.460*							
	(0.252)	(0.341)	(0.224)							
Inst. constraints				0.134*						
				(0.061)						
Pol. constraints					0.089					
					(0.064)					
Pol. polarization						0.356				
						(0.272)				
Parliamentary							0.845*	0.936*		
							(0.379)	(0.537)		
Exec's longevity									-0.031*	
									(0.016)	
Exec party's longevity										-0.044***
										(0.011)
Opposition vetoes	0.378	0.605*	0.679*	0.608**	0.233	0.213	0.326	2.143**	0.209	0.500*
	(0.265)	(0.292)	(0.396)	(0.242)	(0.247)	(0.257)	(0.309)	(0.833)	(0.252)	(0.236)
Battle deaths	0.385***	0.283**	0.417**	0.153*	0.278***	0.309***	0.333***	0.216	0.262***	0.207**
	(0.096)	(0.102)	(0.141)	(0.075)	(0.080)	(0.082)	(0.089)	(0.140)	(0.079)	(0.089)
GDP/capita	-0.519**	-0.199	-0.537*	-0.227*	-0.345*	-0.298*	-0.202	-0.098	-0.288*	-0.201
	(0.188)	(0.214)	(0.274)	(0.127)	(0.155)	(0.151)	(0.173)	(0.247)	(0.138)	(0.163)
Fight for gov	-0.603*	-0.508	-0.623	-0.657*	-0.621*	-0.645*	-0.443	-0.819*	-0.634*	-0.792**
	(0.342)	(0.375)	(0.438)	(0.299)	(0.300)	(0.312)	(0.329)	(0.493)	(0.302)	(0.323)
% Forest	0.016	0.013	-0.045	0.004	-0.019	0.001	0.037	0.146	-0.031	-0.007
	(0.109)	(0.121)	(0.153)	(0.102)	(0.102)	(0.103)	(0.129)	(0.172)	(0.101)	(0.087)
Observations	9273	7364	6281	13180	10943	10473	9334	5397	11018	9019

Note: Robust standard errors clustered by conflict in parentheses. *p<.05, **p<.01, p<.001 (one-tailed).

Appendix Table 6 (Test 3b). Impact of Government Constraints and Stability on the Duration of Civil War —
Excluding Short Wars

	1	2	3	4	5	6	7	8	9	10
	Info.	Commit.	Comb.							
Indices	0.499*	0.487*	0.334*							
	(0.237)	(0.238)	(0.169)							
Inst. constraints				0.068						
				(0.052)						
Pol. constraints					0.034					
					(0.065)					
Pol. polarization						0.646*				
						(0.291)				
Parliamentary							0.296	0.315		
							(0.297)	(0.393)		
Exec's longevity									-0.028*	
									(0.015)	
Exec party's longevity										-0.024*
										(0.012)
Opposition vetoes	0.064	0.320	0.266	0.180	0.050	0.033	0.153	1.028*	0.036	0.196
	(0.172)	(0.216)	(0.277)	(0.174)	(0.183)	(0.176)	(0.230)	(0.539)	(0.183)	(0.173)
Battle deaths	0.232**	0.197**	0.283**	0.063	0.143*	0.189**	0.176*	0.025	0.144*	0.128*
	(0.077)	(0.073)	(0.109)	(0.068)	(0.072)	(0.065)	(0.076)	(0.096)	(0.068)	(0.074)
GDP/capita	-0.283	0.296*	-0.046	-0.088	-0.012	-0.074	0.195	0.384*	0.002	0.036
	(0.173)	(0.152)	(0.224)	(0.111)	(0.153)	(0.116)	(0.137)	(0.189)	(0.119)	(0.138)
Fight for gov	-0.247	-0.107	-0.103	-0.309	-0.275	-0.270	-0.243	-0.196	-0.328	-0.325
	(0.273)	(0.289)	(0.357)	(0.262)	(0.253)	(0.239)	(0.278)	(0.357)	(0.256)	(0.275)
% Forest	0.077	0.009	-0.024	0.065	0.038	0.069	0.032	0.102	0.044	0.080
	(0.099)	(0.119)	(0.171)	(0.082)	(0.107)	(0.091)	(0.137)	(0.168)	(0.093)	(0.080)
Observations	8932	7050	6031	12662	10496	10036	8925	5165	10562	8647

Note: Robust standard errors clustered by conflict in parentheses. *p<.05, **p<.01, p<.001 (one-tailed).