Thyne, Clayton L. 2012. "Information, Commitment, and Intra-War Bargaining: The Effect of Governmental Constraints on Civil War Duration." *International Studies Quarterly***, 56(2):307-321.**

ONLINE APPENDIX

*06/27/16 update: Please note that the results for Appendix Table 5 differs slightly from the original version of this appendix due to updates in the Powell/Thyne coup dataset.

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

	1 Info.	2 Commit.	3 Comb.	4	5	6	7	8	9	10
Indices	-0.354* (0.157)	-0.506** (0.203)	-0.295* (0.137)							
Inst. Constraints				-0.091** (0.037)						
Pol. constraints					-0.052 (0.041)					
Pol. polarization						-0.262 (0.170)				
Parliamentary							-0.555* (0.256)	-0.527 (0.322)		
Exec's longevity									0.022** (0.009)	
Exec party's longevity										0.017** (0.006)
Opposition vetoes	-0.279 (0.184)	-0.463* (0.203)	-0.486* (0.269)	-0.355** (0.142)	-0.186 (0.171)	-0.183 (0.183)	-0.258 (0.226)	-1.272** (0.457)	-0.173 (0.175)	-0.357** (0.153)
Battle deaths	-0.228*** (0.071)	-0.149* (0.072)	-0.246* (0.106)	-0.106* (0.049)	-0.171** (0.057)	-0.189*** (0.059)	-0.205*** (0.063)	-0.128 (0.088)	-0.162** (0.055)	-0.099 (0.065)
GDP/capita	0.414*** (0.128)	0.232* (0.132)	0.469** (0.163)	0.191** (0.075)	0.276** (0.102)	0.261** (0.100)	0.202* (0.106)	0.159 (0.152)	0.239** (0.089)	0.252** (0.105)
Fight for gov	0.325 (0.239)	0.289 (0.252)	0.329 (0.295)	0.394* (0.193)	0.365* (0.208)	0.387* (0.216)	0.221 (0.230)	0.487 (0.306)	0.375* (0.206)	0.445* (0.223)
Coups	2.062*** (0.319)	2.274*** (0.391)	2.153*** (0.440)	1.755*** (0.227)	1.944*** (0.274)	2.071*** (0.282)	1.962*** (0.309)	1.478** (0.617)	1.978*** (0.276)	2.095*** (0.344)
% Forest	-0.002 (0.074)	-0.031 (0.083)	0.034 (0.102)	0.013 (0.058)	0.011 (0.067)	-0.002 (0.069)	-0.038 (0.083)	-0.125 (0.106)	0.018 (0.066)	0.002 (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 Info.	2 Commit.	3 Comb.	4	5	6	7	8	9	10
Indices	-0.433* (0.191)	-0.638** (0.236)	-0.350* (0.158)							
Inst. constraints				-0.100** (0.041)						
Pol. constraints					-0.062 (0.047)					
Pol. polarization						-0.336 (0.225)				
Parliamentary							-0.622** (0.265)	-0.593* (0.327)		
Exec's longevity									0.026* (0.012)	
Exec party's longevity										0.032*** (0.007)
Opposition vetoes	-0.297 (0.214)	-0.463* (0.208)	-0.497* (0.280)	-0.392** (0.161)	-0.194 (0.176)	-0.186 (0.183)	-0.263 (0.216)	-1.328** (0.476)	-0.174 (0.177)	-0.401* (0.180)
Battle deaths	-0.253*** (0.079)	-0.171* (0.087)	-0.272** (0.115)	-0.133* (0.059)	-0.186** (0.065)	-0.208*** (0.066)	-0.226*** (0.072)	-0.124 (0.096)	-0.176** (0.062)	-0.132* (0.077)
GDP/capita	0.459** (0.151)	0.251 (0.160)	0.476** (0.189)	0.204* (0.092)	0.310** (0.116)	0.288** (0.112)	0.216* (0.127)	0.143 (0.176)	0.271** (0.099)	0.202* (0.118)
Fight for gov	0.412* (0.217)	0.317 (0.240)	0.411 (0.284)	0.503** (0.179)	0.419* (0.191)	0.459** (0.197)	0.262 (0.214)	0.491 (0.305)	0.434* (0.192)	0.562** (0.226)
Coups	3.047*** (0.346)	2.733*** (0.358)	2.641*** (0.399)	2.798*** (0.252)	2.863*** (0.298)	2.926*** (0.304)	2.698*** (0.309)	1.924*** (0.617)	2.866*** (0.303)	2.914*** (0.350)
% Forest	0.000 (0.087)	-0.016 (0.091)	0.051 (0.124)	0.011 (0.071)	0.010 (0.080)	0.003 (0.081)	-0.035 (0.093)	-0.114 (0.116)	0.022 (0.076)	0.010 (0.072)
Observations	9,283	7,371	6,287	12,936	10,954	10,484	9,343	5,399	11,029	9,028

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 Info.	2 Commit.	3 Comb.	4	5	6	7	8	9	10
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 Info.	2 Commit.	3 Comb.	4	5	6	7	8	9	10
Indices	0.369	0.713*	0.403*							
	(0.251)	(0.340)	(0.227)							
Inst. constraints				0.112*						
				(0.063)						
Pol. constraints					0.023					
					(0.065)					
Pol. polarization						0.325				
						(0.287)				
Parliamentary							0.666*	0.765		
							(0.363)	(0.494)		
Exec's longevity									-0.025	
									(0.015)	
Exec party's longevity										-0.028**
										(0.010)
Opposition vetoes	0.291	0.530	0.430	0.456*	0.154	0.162	0.301	1.615*	0.139	0.317
	(0.235)	(0.331)	(0.355)	(0.250)	(0.257)	(0.269)	(0.350)	(0.719)	(0.255)	(0.229)
Battle deaths	0.346***	0.322***	0.422***	0.197**	0.296***	0.339***	0.355***	0.209*	0.288***	0.228**
	(0.090)	(0.102)	(0.124)	(0.077)	(0.084)	(0.083)	(0.092)	(0.125)	(0.082)	(0.086)
GDP/capita	-0.416*	-0.205	-0.450	-0.351**	-0.220	-0.267*	-0.124	0.020	-0.234*	-0.278*
	(0.187)	(0.212)	(0.274)	(0.127)	(0.156)	(0.143)	(0.169)	(0.241)	(0.132)	(0.149)
Fight for gov	-0.031	-0.053	-0.148	0.018	-0.038	-0.049	0.047	-0.391	-0.032	-0.150
	(0.353)	(0.398)	(0.457)	(0.318)	(0.312)	(0.322)	(0.357)	(0.495)	(0.315)	(0.336)
Coups	-1.694*	-0.935	19.190***	-1.296*	-1.992**	-1.829**	-0.736	-0.621	-1.954**	-1.953**
	(0.860)	(1.065)	(2.178)	(0.773)	(0.649)	(0.718)	(1.003)	(1.647)	(0.661)	(0.787)
% Forest	0.010	0.047	-0.032	-0.023	0.026	0.019	0.013	0.261	0.016	0.060
	(0.101)	(0.137)	(0.172)	(0.092)	(0.094)	(0.094)	(0.123)	(0.161)	(0.089)	(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 Info.	2 Commit.	3 Comb.	4	5	6	7	8	9	10
Indices	0.527* (0.268)	0.836** (0.340)	0.461* (0.225)							
Inst. Constraints				0.120* (0.063)						
Pol. Constraints					0.061 (0.068)					
Pol. Polarization						0.410 (0.299)				
Parliamentary							0.833* (0.382)	0.997* (0.556)		
Exec's longevity									-0.036* (0.016)	
Exec party's longevity										-0.038** (0.013)
Opposition vetoes	0.468 (0.320)	0.622* (0.302)	0.621 (0.385)	0.718** (0.274)	0.292 (0.288)	0.281 (0.296)	0.320 (0.318)	2.110** (0.840)	0.264 (0.290)	0.644* (0.279)
Battle deaths	0.354*** (0.105)	0.303** (0.107)	0.425** (0.145)	0.150* (0.082)	0.261** (0.087)	0.291*** (0.089)	0.336*** (0.093)	0.238 (0.146)	0.251** (0.085)	0.196* (0.099)
GDP/capita	-0.604** (0.207)	-0.200 (0.215)	-0.527* (0.274)	-0.219 (0.135)	-0.379* (0.169)	-0.353* (0.165)	-0.215 (0.174)	-0.113 (0.252)	-0.357** (0.150)	-0.317* (0.185)
Fight for gov	-0.552 (0.365)	-0.524 (0.376)	-0.530 (0.441)	-0.736* (0.317)	-0.641* (0.318)	-0.610* (0.329)	-0.404 (0.335)	-0.835* (0.507)	-0.647* (0.317)	-0.847** (0.348)
% Forest	0.037 (0.116)	0.032 (0.120)	-0.028 (0.154)	0.009 (0.108)	0.003 (0.106)	0.036 (0.106)	0.056 (0.129)	0.129 (0.177)	-0.017 (0.105)	0.005 (0.093)
Observations	9,217	7,315	6,245	13,094	10,865	10,399	9,267	5,371	10,940	8,959

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