

Appendix

1. Descriptive Statistics

1.1. Imputed Dataset

Table 1

Variable	N	Mean	Standard Dev.	Min	Max
Legislative Powers	165,276	4.79	2.87	0	14
Opposition in Legislature	165,276	0.30	0.46	0	1
Autonomy of opposition	158,580	1.48	1.36	0	4
Personalism	165,276	0.42	0.28	0	1
Party Cohesion	164,268	0.77	1.24	-3.61	2.46
Elections	165,276	0.73	0.45	0	1
Polity	162,818	-5.03	4.45	-14.60	12.39
GDP Log	155,025	3.39	0.44	1.88	4.89
Prior Democracy	165,276	0.19	0.39	0	1
Duration Log	165,176	1.08	0.48	0	2.02
Oil Income	156,064	654.18	3601.02	-546.30	66688.11
Seat Share	121,392	80.33	22.12	11.4	100
Vote Share	100,836	77.32	24.97	7.2	100
Multiparty Election	119,916	-1.11	1.38	-3.44	1.73
Electoral System	108,828	0.50	0.85	0	3
Candidate Selection	165,276	0.77	0.42	0	1
Legislative Powers ($t - 1$)	158,976	4.75	2.85	0	13
De Facto Powers ($t - 1$)	158,976	2.01	1.66	0	8
De Jure Powers ($t - 1$)	158,976	2.50	1.86	0	6

1.2. Non-imputed Dataset

Table 2

Variable	N	Mean	Standard Dev.	Min	Max
Legislative Powers	4,591	4.79	2.87	0	14
Opposition in Legislature	4,591	0.30	0.46	0	1
Autonomy of opposition	4,405	1.48	1.36	0	4
Personalism	4,591	0.42	0.28	0	1
Party Cohesion	4,563	0.77	1.24	-3.61	2.46

Elections	4,591	0.73	0.45	0	1
Polity	4,513	-5.03	4.45	-10	10
GDP Log	4,210	3.39	0.44	2.37	4.89
Prior Democracy	4,591	0.19	0.39	0	1
Duration Log	4,591	1.08	0.48	0	2.02
Oil Income	4,234	666.08	3643.134	0	66688.11
Seat Share	3,372	80.33	22.13	11.4	100
Vote Share	2,801	77.32	24.97	7.2	100
Multiparty Election	3,331	-1.11	1.38	-3.44	1.73
Electoral System	3,023	0.50	0.85	0	3
Candidate Selection	4,591	0.77	0.42	0	1
Legislative Powers ($t - 1$)	4,416	4.75	2.85	0	13
De Facto Powers ($t - 1$)	4,416	2.01	1.66	0	8
De Jure Powers ($t - 1$)	4,416	2.50	1.86	0	6

2. Non-imputed Dataset

2.1. Analysis on all authoritarian regimes with legislature with non-imputed dataset

Table 3

	Model 1	Model 2	Model 3	Model 4
Opposition in Legislature	0.1832*** (0.0430)		0.2190*** (0.0451)	0.1775*** (0.0430)
Autonomy of opposition		-0.0265 (0.0192)	-0.0550** (0.0200)	
Personalism	-0.2073** (0.0711)	-0.2219** (0.0715)	-0.2024** (0.0713)	-0.2477** (0.0727)
Party Cohesion	0.0318+ (0.0175)	0.0280 (0.0178)	0.0257 (0.0177)	0.0349* (0.0175)
Elections				0.1550** (0.0589)
Polity	0.0171*** (0.0046)	0.0298*** (0.0057)	0.0262*** (0.0057)	0.0163*** (0.0047)
GDP Log	0.1070* (0.0529)	0.1490** (0.0538)	0.1300* (0.0538)	0.0779 (0.0540)
Prior Democracy	-0.0319 (0.0483)	-0.0268 (0.0486)	-0.0346 (0.0484)	-0.0293 (0.0482)
Duration Log	0.0200 (0.0499)	0.0060 (0.0507)	0.0004 (0.0506)	0.0009 (0.0504)
Oil Income	$8.41e^{-6}$ (0.000011)	$2.29e^{-6}$ (0.000011)	$3.62e^{-6}$ (0.000011)	$9.84e^{-6}$ (0.000011)
Legislative Powers ($t - 1$)	0.9054*** (0.0083)	0.9074*** (0.0083)	0.9056*** (0.0083)	0.9003*** (0.0085)

R ²	0.83	0.82	0.83	0.83
N	3072	3053	3053	3072

Note: † p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001, Standard errors in parentheses.

2.2. Analysis on all authoritarian regimes with legislatures and elections with non-imputed dataset

Table 4

	Model 5	Model 6	Model 7	Model 8
Opposition in Legislature Seat Share	0.2284*** (0.0517)	0.3122*** (0.0594)	0.3387*** (0.0617)	0.3311*** (0.0619)
Vote Share	-0.000043 (0.0012)	0.0013 (0.0015)	0.0017 (0.0016)	0.0018 (0.0016)
Multiparty Election Electoral System Candidate Selection	-0.1166*** (0.0236)	-0.1043*** (0.0289)	-0.1090*** (0.0295) -0.0197 (0.0333)	-0.1025** (0.0298) -0.0264 (0.0335) 0.1028 (0.0648)
Personalism	-0.2243** (0.0807)	-0.1580+ (0.0882)	-0.1434 (0.0912)	-0.1547+ (0.0915)
Party Cohesion	0.0126 (0.0236)	-0.0122 (0.0268)	-0.0253 (0.0288)	-0.0275 (0.0288)
Oil Income	0.000026 (0.000039)	$8.15e^{-6}$ (0.000047)	$6.13e^{-6}$ (0.000047)	$4.07e^{-6}$ (0.000047)
Polity	0.0382*** (0.0064)	0.0340*** (0.0071)	0.0351*** (0.0072)	0.0383*** (0.0075)
GDP Log	0.0793 (0.0668)	0.1822* (0.0785)	0.1665* (0.0800)	0.1710* (0.0801)
Prior Democracy	0.0232 (0.0542)	-0.0237 (0.0594)	-0.0215 (0.0619)	-0.0115 (0.0622)
Duration Log	-0.0126 (0.0612)	-0.0293 (0.0697)	-0.0257 (0.0737)	-0.0047 (0.0748)
Legislative Powers ($t - 1$)	0.8933*** (0.0098)	0.8747*** (0.0114)	0.8772*** (0.0117)	0.8738*** (0.0119)
R ²	0.82	0.79	0.79	0.79
N	2338	1993	1857	1857

Note: † p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001, Standard errors in parentheses.

3. Downsized Model (Testing for Overspecification)

3.1. Analysis on all authoritarian regimes with legislatures

Table 5

	Model 1	Model 2	Model 3	Model 4
Opposition in Legislature	0.1802*** (0.0409)		0.2106*** (0.0428)	0.1757*** (0.0409)
Autonomy of opposition		-0.0233 (0.0182)	-0.0492** (0.0189)	
Personalism	-0.1972** (0.0688)	-0.2192** (0.0692)	-0.1939** (0.0692)	-0.2332** (0.0409)
Party Cohesion	0.0279+ (0.0162)	0.0264 (0.0165)	0.0240 (0.0692)	0.0294+ (0.0162)
Elections				0.1441* (0.0564)
Polity	0.057*** (0.0043)	0.0269*** (0.0054)	0.0241*** (0.0054)	0.0148** (0.0043)
GDP Log	0.1244** (0.0453)	0.1479** (0.0459)	0.0458** (0.0458)	0.0972* (0.0465)
Legislative Powers ($t - 1$)	0.9110*** (0.0080)	0.9128*** (0.0081)	0.9111*** (0.0080)	0.9061*** (0.0082)
N	3209	3181	3181	3209

Note: † $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, Standard errors in parentheses.

3.2. Analysis on all authoritarian regimes with legislatures and elections

Table 6

	Model 5	Model 6	Model 7	Model 8
Opposition in Legislature	0.2136*** (0.0476)	0.2816*** (0.0540)	0.2998*** (0.0556)	0.2926*** (0.0557)
Seat Share	-0.0003 (0.0012)			
Vote Share		0.0008 (0.0014)	0.0013 (0.0015)	0.0013 (0.0015)
Multiparty Election	-0.1070*** (0.0224)	-0.0917** (0.0276)	-0.0952** (0.0282)	-0.0890** (0.0284)
Electoral System			-0.0120 (0.0309)	-0.0193 (0.0284)
Candidate Selection				0.1006+ (0.0603)
Personalism	-0.2095** (0.0776)	-0.1583+ (0.0848)	-0.1440 (0.0874)	-0.1571+ (0.0312)
Party Cohesion	0.0095 (0.0222)	-0.0093 (0.0251)	-0.0202 (0.0269)	-0.0226 (0.0269)
Polity	0.0350*** (0.0061)	0.0306*** (0.0068)	0.0316*** (0.0069)	0.0348*** (0.0071)

GDP Log	0.0941+ (0.0571)	0.1732* (0.0668)	0.1593* (0.0679)	0.1670* (0.0680)
Legislative Powers ($t - 1$)	0.9005*** (0.0094)	0.8847*** (0.0108)	0.8877*** (0.0112)	0.8845*** (0.0113)
N	2464	2112	1976	1976

4. Replacing Oil Income with Resource Income

4.1. Analysis on all authoritarian regimes with legislatures

Table 7

	Model 1	Model 2	Model 3	Model 4
Opposition in Legislature	0.1811*** (0.0414)		0.2093*** (0.0432)	0.1763*** (0.0414)
Autonomy of opposition		-0.0219 (0.0187)	-0.0474* (0.0194)	
Personalism	-0.2086** (0.0693)	0.2281** (0.0697)	-0.2045** (0.0696)	-0.2475*** (0.0709)
Party Cohesion	0.0304+ (0.0171)	0.0270 (0.0174)	0.0254 (0.0173)	0.0331+ (0.0171)
Elections				0.1519** (0.0582)
Polity	0.0167*** (0.0044)	0.0274*** (0.0055)	0.0246*** (0.0055)	0.0158*** (0.0044)
GDP Log	0.1057* (0.0521)	0.1436** (0.0530)	0.1259* (0.0055)	0.0781 (0.0531)
Prior Democracy	-0.0318 (0.0473)	-0.0259 (0.0476)	-0.0347 (0.0475)	-0.0294 (0.0473)
Duration Log	0.0140 (0.0488)	-0.0005 (0.0494)	-0.0032 (0.0493)	-0.0054 (0.0493)
Resource Income	$7.62e^{-6}$ (0.000011)	$1.75e^{-6}$ (0.000011)	$3.18e^{-6}$ (0.000011)	$8.84e^{-6}$ (0.000011)
Legislative Powers ($t - 1$)	0.9084*** (0.0081)	0.9105*** (0.0081)	0.9088*** (0.0081)	0.9035*** (0.0083)
N	3173	3154	3154	3173

Note: † $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, Standard errors in parentheses.

4.2. Analysis on authoritarian regimes with legislatures and elections

Table 8

	Model 5	Model 6	Model 7	Model 8
Opposition in Legislature	0.2083*** (0.0485)	0.2755*** (0.0549)	0.2947*** (0.0566)	0.2876*** (0.0567)
Seat Share	-0.0003 (0.0012)			
Vote Share		0.0008	0.0012	0.0012

		(0.0014)	(0.0015)	(0.0015)
Multiparty	-0.1044***	-0.0905**	-0.0940**	-0.0878**
Election	(0.0226)	(0.0278)	(0.0284)	(0.0286)
Electoral			-0.0153	-0.0212
System			(0.0314)	(0.0316)
Candidate				0.0956
Selection				(0.0618)
Personalism	-0.2246**	-0.1692*	-0.1568+	-0.1681
	(0.0782)	(0.0852)	(0.0879)	(0.1742)
Party Cohesion	0.0119	-0.0098	-0.0209	0.0366+
	(0.0228)	(0.0256)	(0.0274)	(0.0882)
Resource	$3.61e^{-6}$	$-7.58e^{-6}$	$-9.51e^{-6}$	$-9.29e^{-6}$
Income	(0.000034)	(0.000042)	(0.000043)	(0.000043)
Polity	0.0353***	0.0311***	0.0321***	0.0351***
	(0.0062)	(0.0068)	(0.0069)	(0.0072)
GDP Log	0.0921	0.1804*	0.1658*	0.1674*
	(0.0664)	(0.0774)	(0.0789)	(0.0789)
Prior	0.0210	-0.0230	-0.0212	-0.0112
Democracy	(0.0528)	(0.0576)	(0.0599)	(0.0603)
Duration Log	-0.0127	-0.0233	-0.0176	0.0033
	(0.0593)	(0.0670)	(0.0705)	(0.0717)
Legislative	0.8983***	0.8821***	0.8850***	0.8821***
Powers ($t - 1$)	(0.0095)	(0.0109)	(0.0113)	(0.0114)
N	2439	2094	1958	1958

Note: † $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, Standard errors in parentheses.

5. Replacing Latent Personalism with Personalist Regimes

5.1. Analysis on all authoritarian regimes with legislatures

Table 9

	Model 1	Model 2	Model 3	Model 4
Opposition in	0.1883***		0.2136***	0.1856***
Legislature	(0.0413)		(0.0431)	(0.0413)
Autonomy of		-0.0165	-0.0431*	
opposition		(0.0188)	(0.0195)	
Personalist	-0.1079*	-0.1065*	-0.0955*	-0.1159*
Regimes	(0.0445)	(0.0451)	(0.0450)	(0.0446)
Party Cohesion	0.0291+	0.0268	0.0252	0.0313+
	(0.0171)	(0.0175)	(0.0174)	(0.0480)
Elections				0.1215*
				(0.0571)
Polity	0.0195***	0.0297***	0.0266***	0.0192***
	(0.0043)	(0.0054)	(0.0054)	(0.0043)
GDP Log	0.1127*	0.1498**	0.1316*	0.0923+
	(0.0513)	(0.0522)	(0.0522)	(0.0522)
Prior	-0.0146	-0.0090	-0.0197	-0.0115
Democracy	(0.0480)	(0.0483)	(0.0481)	(0.0480)

Duration Log	-0.0091 (0.0495)	-0.0219 (0.0501)	-0.0195 (0.0499)	-0.0265 (0.0501)
Oil Income	$5.62e^{-6}$ (0.000011)	$3.69e^{-7}$ (0.000011)	$1.88e^{-6}$ (0.000011)	$6.40e^{-6}$ (0.000011)
Legislative Powers ($t - 1$)	0.9113*** (0.0080)	0.9137*** (0.0080)	0.9117*** (0.0080)	0.9079*** (0.0081)
N	3173	3154	3154	3173

Note: † p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001, Standard errors in parentheses.

5.2. Analysis on authoritarian regimes with legislatures and elections

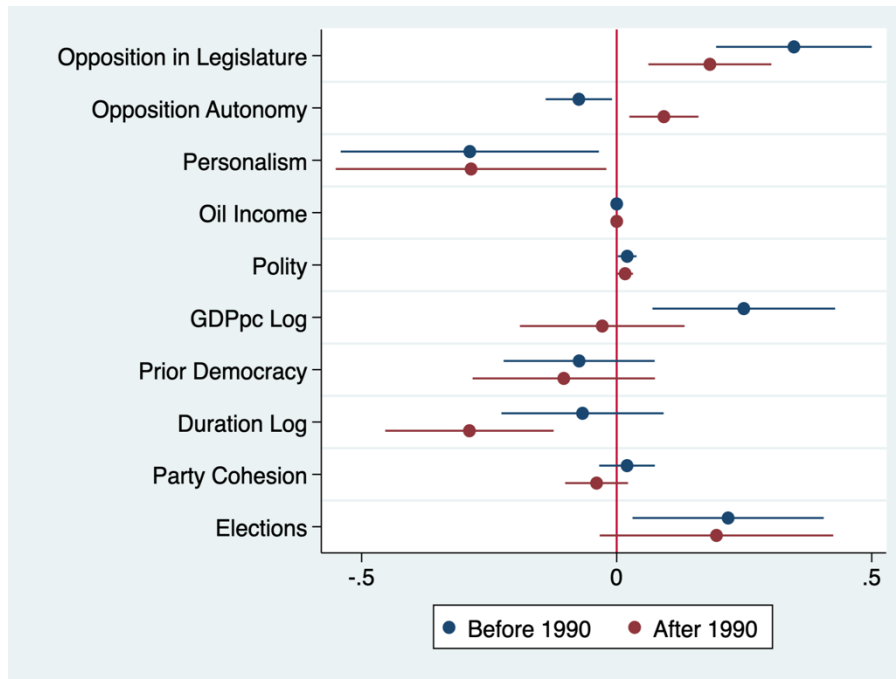
Table 10

	Model 5	Model 6	Model 7	Model 8
Opposition in Legislature Seat Share	0.2157*** (0.0484)	0.2816*** (0.0546)	0.2963*** (0.0564)	0.2879*** (0.0566)
Vote Share		0.0006 (0.0015)	0.0009 (0.0015)	0.0009 (0.0015)
Multiparty Election Electoral System Candidate Selection	-0.1049*** (0.0229)	-0.0886** (0.0279)	-0.0912** (0.0285) -0.0140 (0.0313)	-0.0842** (0.0288) -0.0200 (0.0315) 0.1025+ (0.0621)
Personalist Regimes Party Cohesion	-0.0767 (0.0513) 0.0149 (0.0229)	-0.0943+ (0.0567) -0.0119 (0.0259)	-0.1046+ (0.0596) -0.0210 (0.0276)	-0.1179+ (0.0315) -0.0240 (0.0276)
Oil Income	$9.11e^{-6}$ (0.000038)	$-5.66e^{-6}$ (0.000046)	$-6.43e^{-6}$ (0.000046)	$-8.82e^{-6}$ (0.000046)
Polity	0.0386*** (0.0061)	0.0325*** (0.0259)	0.0331*** (0.0068)	0.0363*** (0.0071)
GDP Log	0.0988 (0.0642)	0.1886* (0.0741)	0.1705* (0.0753)	0.1737* (0.0753)
Prior Democracy Duration Log	0.0365 (0.0537) -0.0220 (0.0600)	-0.0105 (0.0584) -0.0353 (0.0675)	-0.0046 (0.0607) -0.0259 (0.0709)	0.0080 (0.0611) -0.0051 (0.0720)
Legislative Powers ($t - 1$)	0.9039*** (0.0093)	0.8840*** (0.0109)	0.8864*** (0.0112)	0.8832*** (0.0114)
N	2439	2094	1958	1958

6. Pre-/Post-1990 Comparison (Communist regimes excluded)

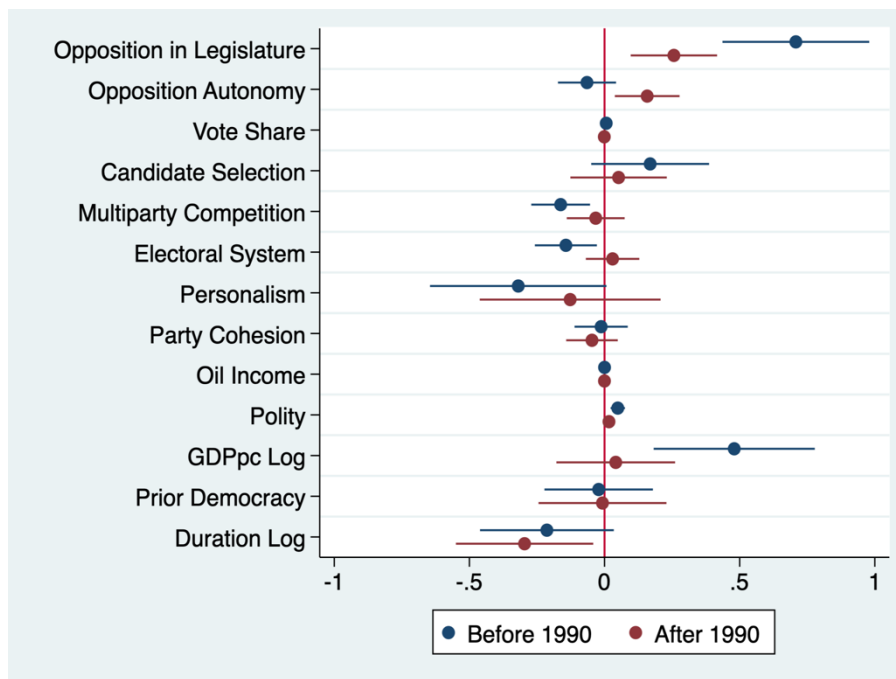
6.1. Analysis on all Authoritarian Regimes

Figure 1: Analysis on authoritarian regimes with legislatures, before and after 1990 (Communist regimes excluded)



6.2. Analysis on Authoritarian Regimes with elections

Figure 2: Analysis on authoritarian regimes with legislatures and elections, before and after 1990 (Communist regimes excluded)



7. Authoritarian Seat Shares over Time (Communist Regimes Excluded)

Figure 3

