Are mixed electoral systems the best choice for Central and Eastern Europe or the reason for defective party systems?

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Online Appendix

Replication of the model with non-lagged control variables

Dependent variable: **party fractionalisation**

	(1) Coef.	RSE	(2) Coef.	RSE	(3) Coef.	RSE
mean function						
constant	0.759	0.366	1.286	0.163	1.217	0.150
mixed system	-0.143	0.122	-0.075	0.118	-0.074	0.125
majority vote	-0.095	0.761	-0.036	0.451	-0.387	0.351
nr of election	-0.029	0.037	0.018	0.032	0.039	0.033
ln(gdp) *lag*	0.095**	0.046				
unempl *lag*			0.002	0.005		
growth *lag*					0.003	0.005
variance function						
constant	2.191	1.449	-1.252	0.546	-1.335	0.581
mixed system	0.802**	0.386	0.842**	0.387	0.791**	0.402
majority vote	1.776**	0.808	1.230	0.751	0.782	0.949
nr of election	-0.075	0.159	-0.285**	0.120	-0.151	0.147
ln(gdp) *lag*	-0.516**	0.203				
unempl *lag*			0.016	0.014		
growth *lag*					-0.047*	0.029
N	83		87		80	
Pseudo R^2	0.2618		0.1684		0.1938	
VWLS R^2	0.0686		0.0139		0.0437	
χ^2 mean function	6.88		1.01		4.18	
χ^2 variance function	24.31***		16.12***		14.55***	

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Dependent variable: **disproportionality**

	(4) Coef.	RSE	(5) Coef.	RSE	(6) Coef.	RSE
mean function						
constant	14.025	3.876	7.468	1.247	6.585	1.649
mixed system	6.005***	1.586	4.940***	1.737	6.520***	1.772
majority vote	17.622*	10.467	27.849***	4.517	6.916	7.005
nr of election	-0.043	0.481	0.009	0.236	-0.020	0.378
ln(gdp) *lag*	-0.926	0.642				
unempl *lag*			-0.066***	0.021		
growth *lag*					-0.081**	0.038
variance function						
constant	4.441	1.966	3.710	1.051	3.060	0.892
mixed system	1.447***	0.550	1.567***	0.611	1.595***	0.561
majority vote	2.689***	0.867	2.451***	0.943	3.437***	0.911
nr of election	-0.091	0.293	-0.091	0.230	-0.231	0.232
ln(gdp) *lag*	-0.223	0.334				
unempl *lag*			-0.079***	0.016		
growth *lag*					0.065**	0.033
N	83		84		79	
Pseudo R^2	0.1325		0.1475		0.128	
VWLS R^2	0.2452		0.3814		0.2152	
χ^2 mean function	30.99***		61.40***	30.99***		
χ^2 variance function	22.78***		63.30***	22.78***		

Dependent variable: **volatility**

	(7) Coef.	RSE	(8) Coef.	RSE	(9) Coef.	RSE
mean function						
constant	37.450	7.350	19.410	4.608	16.354	4.098
mixed system majority vote	2.698	2.153	3.668	2.343	1.776	2.341
nr of election	0.717	0.799	-0.459	0.917	-0.081	0.851
2nd election	1.640	2.500	1.231	3.580	1.130	3.690
ln(gdp) *lag*	-3.022***	0.825				
unempl *lag*			-0.098	0.068		
growth *lag*					-0.030	0.067
variance function						
constant	8.625	1.746	5.061	1.184	3.783	0.783
mixed system majority vote	0.465	0.447	0.333	0.417	0.648	0.406
nr of election	0.169	0.202	-0.160	0.230	0.147	0.187
2nd election	-0.902	0.697	-0.683	0.714	-0.920	0.719
ln(gdp) *lag*	-0.684***	0.228				
unempl *lag*			-0.021	0.019		
growth *lag*					-0.123***	0.041
N	70		70		68	
Pseudo R^2	0.0476		0.0163		0.0294	
VWLS R^2	0.1995		0.0877		0.0219	
χ^2 mean function	26.66***		8.21*		2.24	
χ^2 variance function	13.44***		3.54		12.74**	

Table A2: Variance model, parameter estimates for the mean model and the variance model, and robust standard errors (RSE). Non-lagged control variables.

* $p<0.1$; ** $p<0.05$; *** $p<0.01$