

Powell Tucker Data Codebook

Revisiting Electoral Volatility in Post-Communist Countries: New Data, New Results, and New Approaches

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APPENDIX

Table A1: Election Pairs Included in Analysis

Country	Election 1	Election 2	Tavits	Birch	Sikk	FH Elections
Albania	1991	1992	0	0	0	1
Albania	1992	1996	0	0	0	1
Albania	1996	1997	0	0	0	1
Albania	1997	2001	0	0	0	1
Albania	2001	2005	0	0	0	1
Albania	2005	2009	0	0	0	1
Armenia	1995	1999	0	0	0	1
Armenia	1999	2003	1	0	0	1
Armenia	2003	2007	0	0	0	1
Bosnia-Herzegovina	1998	2000	0	0	0	1
Bosnia-Herzegovina	2000	2002	0	0	0	1
Bosnia-Herzegovina	2002	2006	0	0	0	1
Bulgaria	1990	1991	1	1	1	1
Bulgaria	1991	1994	1	1	1	1
Bulgaria	1994	1997	1	1	1	1
Bulgaria	1997	2001	1	1	0	1
Bulgaria	2001	2005	0	0	0	1
Bulgaria	2005	2009	0	0	0	1
Croatia	1990	1992	0	0	0	1
Croatia	1992	1995	0	0	0	1
Croatia	1995	2000	0	0	0	1
Croatia	2000	2003	0	0	0	1
Croatia	2003	2007	0	0	0	1
Czech Republic	1990	1992	1	1	1	1
Czech Republic	1992	1996	1	1	1	1
Czech Republic	1996	1998	1	1	1	1
Czech Republic	1998	2002	1	0	0	1
Czech Republic	2002	2006	0	0	0	1
Estonia	1992	1995	1	1	1	1
Estonia	1995	1999	1	1	1	1
Estonia	1999	2003	1	0	0	1

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Country	Election 1	Election 2	Tavits	Birch	Sikk	FH Elections
Estonia	2003	2007	0	0	0	1
Georgia	1992	1995	0	0	0	1
Georgia	1995	1999	0	0	0	1
Georgia	2004	2008	0	0	0	1
Hungary	1990	1994	1	1	1	1
Hungary	1994	1998	1	1	1	1
Hungary	1998	2002	1	0	0	1
Hungary	2002	2006	0	0	0	1
Latvia	1993	1995	1	1	1	1
Latvia	1995	1998	1	1	1	1
Latvia	1998	2002	1	0	0	1
Latvia	2002	2006	0	0	0	1
Lithuania	1992	1996	1	1	1	1
Lithuania	1996	2000	1	1	1	1
Lithuania	2000	2004	1	0	0	1
Lithuania	2004	2008	0	0	0	1
Macedonia	1990	1994	0	0	0	1
Macedonia	1994	1998	0	0	0	1
Macedonia	1998	2002	0	0	0	1
Macedonia	2002	2006	0	0	0	1
Macedonia	2006	2008	0	0	0	1
Moldova	1994	1998	1	1	0	1
Moldova	1998	2001	1	1	0	1
Moldova	2001	2005	0	0	0	1
Moldova	2005	2009.4	0	0	0	1
Moldova	2009.4	2009.7	0	0	0	1
Montenegro	2001	2002	0	0	0	1
Montenegro	2002	2006	0	0	0	1
Montenegro	2006	2009	0	0	0	1
Poland	1991	1993	1	1	1	1
Poland	1993	1997	1	1	1	1
Poland	1997	2001	1	0	0	1
Poland	2001	2005	0	0	0	1
Poland	2005	2007	0	0	0	1
Romania	1992	1996	1	1	1	1
Romania	1996	2000	1	1	1	1

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Country	Election 1	Election 2	Tavits	Birch	Sikk	FH Elections
Romania	2000	2004	1	0	0	1
Romania	2004	2008	0	0	0	1
Russia	1993	1995	1	1	0	1
Russia	1995	1999	1	1	0	1
Russia	1999	2003	1	0	0	1
Serbia	2000	2003	0	0	0	1
Serbia	2003	2007	0	0	0	1
Serbia	2007	2008	0	0	0	1
Slovakia	1990	1992	1	1	1	1
Slovakia	1992	1994	1	1	1	1
Slovakia	1994	1998	1	1	1	1
Slovakia	1998	2002	1	0	0	1
Slovakia	2002	2006	0	0	0	1
Slovenia	1990	1992	1	0	1	1
Slovenia	1992	1997	1	0	1	1
Slovenia	1997	2000	1	0	1	1
Slovenia	2000	2004	1	0	0	1
Slovenia	2004	2008	0	0	0	1
Ukraine	1994	1998	1	1	0	1
Ukraine	1998	2002	1	0	0	1
Ukraine	2002	2006	0	0	0	1
Ukraine	2006	2007	0	0	0	1

Table A2: Coding of Variables

Type A Volatility	$\frac{ \sum_{o=1}^n p_{ot} + \sum_{w=1}^n p_{w(t+1)} }{2}$
Type B Volatility	$\frac{\sum_{i=1}^n p_{it} - p_{i(t+1)} }{2}$, among all stable parties.
Total Volatility	Type A Vol + Type B Vol
Effective Number of Parties	$\frac{1}{\sum p_i^2}$, where p_i is vote proportion of party i
GDP Change Between Elections	GDP 2nd Election / GDP 1st Election
GDP Change from 1989	GDP 2nd Election / GDP 1989
Log Weight District Mag	Average district magnitude, weighted by proportion of seats in each electoral tier for multi-tier electoral systems; see note 17 for details
Presidential System	Dummy Variable
Mixed System	Dummy Variable
Parliamentary System	Dummy Variable
Proportional Representation	Dummy Variable
Years Since Collapse of Communism	Years since 1st “free and fair” post-communist election
Years Since Collapse Squared	Years since 1st “free and fair” post-communist election squared
Ethnic Fractionalization	Probability that two individuals will be from different groups. $1 - \sum p_i^2$, where p_i is the population share of the ethnic groups.
Missing Weight Mag	Dummy Variable

Table A3: Summary and Source of Variables

Variables	Source(s)	Mean	St. Dev.
Type A Volatility	<i>Authors' Coding</i>	31.86	19.91
Type B Volatility	<i>Authors' Coding</i>	12.68	8.31
Total Volatility	<i>Authors' Coding</i>	44.54	18.91
Effective Number of Parties	<i>Authors' Coding</i>	5.77	3.35
GDP Change Between Elections	<i>WDI</i> (2009) and <i>EBRD Transition Reports</i> (various years)	1.13	0.25
GDP Change from 1989	Pop-Eleches, Grigore. 2010. "Throwing Out the Bums: Protest Voting and Anti-Establishment Parties After Communism." <i>World Politics</i> 62(2):221-260.	1.13	0.94
Log Weight District Mag	<i>Authors' Coding</i>	3.01	1.39
Presidential System	<i>Authors' Coding</i>	0.08	0.27
Mixed System	<i>Authors' Coding</i>	0.40	0.49
Parliamentary System	<i>Authors' Coding</i>	0.52	0.50
Proportional Representation	<i>Authors' Coding</i>	0.47	0.50
Years Since Collapse of Communism	<i>Freedom House 2009</i>	8.86	5.05
Years Since Collapse Squared	<i>Authors' Coding</i>	103.60	98.25
Ethnic Fractionalization	<i>Alesina et al. (2003)</i>	0.37	0.16
Missing Weight Mag	<i>Authors' Coding</i>	0.02	0.15

Table A4: Variable Names and Descriptions

Country	Country Name
Year1	Year of the first election in the volatility pair
Year2	Year of the second election in the volatility pair
ElectionN	Election Number
TypeAVol	Type A Volatility
TypeBVol	Type B Volatility
EthFrac	Ethnic Fractionalization
EEIndicator	Indicator Variable for Eastern Europe
TotalVol	Total Volatility
Time	Years Since Collapse of Communism
presys	Indicator Variable for Presidential System
mixsys	Indicator Variable for Mixed System
Enp1	Effective Number of Parties in first election in the volatility pair
GDPChangeE1E2	GDP Change Between Elections
GDPChange1989	GDP Change from 1989
mis_weighted_mag	Missing Weight Mag
mis_GDPChangeE1E2	Missing GDP Change Between Elections
mis_GDPChange1989	Missing GDP Change 1989
pr	Proportional Representation
Time2	Years Since Collapse of Communism Squared
lg_weighted_mag	Log Weighted District Magnitude
escorruptionmentions	Electoral Studies Corruption Mentions
esscandalmentions	Electoral Studies Scandal Mentions
esranking03	Electoral Studies Ranking (0-3)
esranking04	Electoral Studies Ranking (0-4)
Sample_Tav	Tavits 2008 BJPS Sample
Sample_TC	Tavits Countries with More Recent Elections Included
Sample_Bir	Birch 2001 APSA Sample
Sample_Sik	Sikk 2005 EJPR Sample
Sample_NTC	Other ECE Countries
TypeAVolLag	Lagged Type A Volatility
TypeBVolLag	Lagged Type B Volatility
TotalVolLag	Lagged Total Volatility
yeardiff	Time Between Elections
