

# Online Appendix

For “New parties, information uncertainty, and government formation”

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## Overview of the dataset

Country	In study since	Elections	Governments
Bulgaria	1991	6	7
Croatia	2000	4	6
Czech Republic	1992	6	8
Estonia	1995	5	11
Hungary	1994	5	6
Latvia	1995	6	17
Lithuania	1996	5	8
Macedonia	1994	6	7
Poland	1993	6	13
Romania	1992	6	16
Slovakia	1992	7	11
Slovenia	1993	6	12
Total		68	122

New parties in parliament and government by country, *postelectoral cases only*

Country	GNPs			NCPs		
	In parl.	In gov.	%	In parl.	In gov.	%
Bulgaria	4	2	50	3	0	0
Croatia	4	0	0	6	2	33
Czech Republic	4	1	25	3	1	33
Estonia	3	1	33	2	0	0
Hungary	3	0	0	1	0	0
Latvia	4	3	75	4	3	75
Lithuania	9	3	33	2	0	0
Macedonia	6	2	33	7	3	43
Poland	2	0	0	5	0	0
Romania	3	0	0	4	1	25
Slovakia	3	3	100	6	2	33
Slovenia	3	0	0	5	4	80
Total	48	15	31	48	16	33

Note: The table shows the frequencies of new parties right after national elections. It thus complements Table 1 in the paper, which counts parties whenever a new government was formed (cf. footnote 9 in the paper).

Estimation of the selection equation of the Heckman model

	Selection model (for M2)
Party-system turnover	-0.048 (0.315)
After early election (vs. regular election)	-0.117 (0.167)
After gov't failure (vs. regular election)	0.080 (0.069)
Economic growth	0.013** (0.006)
Unemployment change	0.029* (0.015)
Inflation (logged)	-0.000 (0.035)
Turnout in last election	0.005 (0.005)
Years since 1990	0.015 (0.013)
EU membership	-0.151 (0.120)
<u>Country dummies (Base: Bulgaria)</u>	
Croatia	0.199 (0.138)
Czech Republic	-0.041 (0.191)
Estonia	-0.121 (0.201)
Hungary	-0.174 (0.241)
Latvia	0.064 (0.183)
Lithuania	0.199 (0.138)
Macedonia	0.081 (0.160)
Poland	0.069 (0.169)
Romania	-0.149 (0.217)
Slovakia	-0.206 (0.204)
Slovenia	0.092 (0.158)
Marginal effects with robust standard errors clustered by formation in parentheses. N=844. 122 clusters. Significance: *<.1 **<.05 ***<.01	

Raw probit coefficients of the interaction model

	Model 3
<u>Party type (base: established party)</u>	
Genuinely new party	-0.791*** (0.289)
Newly created party	-0.005 (0.227)
<u>Party size</u>	
Seat share	2.910*** (0.809)
Seat share * Genuinely new party	6.777** (2.965)
Seat share * Newly created party	-0.295 (2.230)
Largest party	0.646** (0.329)
Largest party * Genuinely new party	-1.837** (0.862)
Largest party * Newly created party	-0.607 (0.620)
Absolute majority	4.808*** (0.369)
<u>Party ideology</u>	
Extremist party	-1.253*** (0.347)
Communist successor party	-0.827*** (0.254)
Country dummies	YES
Selection parameter ( $\rho$ )	-0.380 (0.216)
Log-pseudolikelihood	-693
Wald Chi-squared	2205***
Raw probit coefficients with robust standard errors clustered by formation in parentheses.	
N=844 (second stage 680). 122 clusters.	
Significance: *<.1 **<.05 ***<.01	

Descriptive statistics for all variables used in the analysis

Variable	Mean	Std. dev.	Min	Max
Government participation	0.40	0.49	0	1
Genuinely New Party	0.10	0.31	0	1
Newly Created Party	0.13	0.34	0	1
Seat share	0.14	0.12	0.00	0.68
Largest party	0.15	0.35	0	1
Absolute majority	0.01	0.09	0	1
Extremist party	0.11	0.32	0	1
Communist successor party	0.10	0.29	0	1
Party-system turnover	0.17	0.15	0	0.71
Formed after early election	0.05	0.22	0	1
Formed after gov't failure	0.46	0.50	0	1
Economic growth	5.74	5.90	-20.46	16.49
Unemployment change	-0.14	2.13	-5.13	9.50
Inflation (logged)	1.70	1.45	-3.22	6.97
Turnout in last election	62.96	12.16	39.20	85.90
Years since 1990	12.57	5.81	1	22
EU membership	0.38	0.49	0	1

N=844.

List of all parties coded as “genuinely new” (GNPs)

Country	Year of gov't formation	Party name	Acronym
Bulgaria	1995	Bulgarski Biznes Blok	BBB
Bulgaria	2001	Natsionalno Dvizhenie za Stabilnost i Vazhod	NDS
Bulgaria	2005a	Natsionalno Dvizhenie za Stabilnost i Vazhod	NDS
Bulgaria	2005b	Natsionalen Sayuz Ataka	ATAKA
Bulgaria	2009	Graždani za Evropejsko Razvitie na Bălgarija	GERB
Croatia	2003	Hrvatska Stranka Umirovljenika	HSU
Croatia	2003	Samostalna Demokratska Srpska Stranka	SDSS
Croatia	2006	Hrvatska Stranka Umirovljenika	HSU
Croatia	2006	Samostalna Demokratska Srpska Stranka	SDSS
Croatia	2011	Hrvatska Građanska Stranka	HGS
Croatia	2011	Neovisna Lista Ivan Grubišić	NLIG
Czech R.	1992	Česká Strana Sociálně Demokratická	ČSSD
Czech R.	1992	Liberálně Sociální Unie	LSU
Czech R.	1992	Sdružení pro Republiku - Republikánská Strana Československa	SPR-RSČ
Czech R.	2010	Věci Veřejné	VV
Czech R.	2012	Liberální Demokraté	LIDEM
Czech R.	2012	Věci Veřejné	VV
Estonia	1995a	Meie Kodu on Eestimaa	MKE
Estonia	1995b	Meie Kodu on Eestimaa	MKE
Estonia	1996	Meie Kodu on Eestimaa	MKE
Estonia	1997	Meie Kodu on Eestimaa	MKE
Estonia	2003	Erakond Res Publica	RESP
Estonia	2005	Erakond Res Publica	RESP
Estonia	2007	Erakond Eestimaa Rohelised	EER
Estonia	2009	Erakond Eestimaa Rohelised	EER
Hungary	1994	Vállalkozók Pártja	VP
Hungary	2010	Jobbik Magyarországért Mozgalom	JOBBIK
Hungary	2010	Lehet Más a Politika	LMP
Latvia	1995	Latvijas Vienības Partija	LVP
Latvia	1997a	Latvijas Vienības Partija	LVP
Latvia	1997b	Latvijas Vienības Partija	LVP
Latvia	1998b	Jaunā Partija	JP
Latvia	1998b	Latvijas Sociāldemokrātiskā Strādnieku Partija	LSDSP
Latvia	1998a	Latvijas Vienības Partija	LVP
Latvia	1999a	Jaunā Partija	JP
Latvia	1999b	Jaunā Partija	JP
Latvia	1999a	Latvijas Sociāldemokrātiskā Strādnieku Partija	LSDSP
Latvia	1999b	Latvijas Sociāldemokrātiskā Strādnieku Partija	LSDSP
Latvia	2000	Jaunā Partija	JP
Latvia	2000	Latvijas Sociāldemokrātiskā Strādnieku Partija	LSDSP
Latvia	2002	Jaunais Laiks	JL
Latvia	2004a	Jaunais Laiks	JL
Latvia	2004b	Jaunais Laiks	JL

Latvia	2006a	Jaunais Laiks	JL
Lithuania	1996a	Lietuvos Liberalų Sąjunga	LLS
Lithuania	1996a	Lietuvių Nacionalinę Partiją Jaunoji Lietuva	LNPJL
Lithuania	1996a	Lietuvos Valstiečių Partija	LVP
Lithuania	2000	Lietuvos Laisvės Sąjunga	LLS
Lithuania	2000	Nuosaikiųjų Konservatorių Sąjunga	NKS
Lithuania	2000	Naujoji Sąjunga	NS
Lithuania	2001	Lietuvos Laisvės Sąjunga	LLS
Lithuania	2001	Nuosaikiųjų Konservatorių Sąjunga	NKS
Lithuania	2001	Naujoji Sąjunga	NS
Lithuania	2004	Darbo Partija	DP
Lithuania	2006	Darbo Partija	DP
Lithuania	2006	Darbo Partija	DP
Lithuania	2008	Tautos Prisikėlimo Partija	TPP
Lithuania	2012	Drašos Kelias	DK
Macedonia	1994	Demokratska Partija na Turcite	DPT
Macedonia	1994	Socijal-Demokratska Partija na Makedonija	SDPM
Macedonia	1998	Sojuz na Romite na Makedonija	SRM
Macedonia	2002a	Demokratska Unija za Integracija	DUI
Macedonia	2006	Partija za Evropska Idnina	PEI
Macedonia	2007	Partija za Evropska Idnina	PEI
Macedonia	2011	Nacionalna Demokratska Prerodba	NDR
Poland	2001	Liga Polskich Rodzin	LPR
Poland	2001	Samoobrona Rzeczpospolitej Polskiej	SRP
Poland	2003	Liga Polskich Rodzin	LPR
Poland	2003	Samoobrona Rzeczpospolitej Polskiej	SRP
Poland	2004	Liga Polskich Rodzin	LPR
Poland	2004	Samoobrona Rzeczpospolitej Polskiej	SRP
Romania	1992	Partidul România Mare	PRM
Romania	1992	Partidul Socialist al Muncii	PSM
Romania	1994	Partidul România Mare	PRM
Romania	1994	Partidul Socialist al Muncii	PSM
Romania	1996a	Partidul România Mare	PRM
Romania	1996a	Partidul Socialist al Muncii	PSM
Romania	2012b	Partidul Poporului - Dan Diaconescu	PP-DD
Slovakia	1998	Strana Občianskeho Porozumenia	SOP
Slovakia	2002	Aliancia Nového Občana	ANO
Slovakia	2006a	Aliancia Nového Občana	ANO
Slovakia	2010	Sloboda a Solidarita	SaS
Slovenia	1993	Slovenska Nacionalna Stranka	SNS
Slovenia	1994	Slovenska Nacionalna Stranka	SNS
Slovenia	1996	Slovenska Nacionalna Stranka	SNS
Slovenia	2000b	Stranka Mladih Slovenije	SMS
Slovenia	2004a	Stranka Mladih Slovenije	SMS
Slovenia	2012	Pozitivna Slovenija	PS

List of all parties coded as “newly created” (NCPs)

Country	Year of gov't formation	Party name	Acronym
Bulgaria	2005a	Balgarski Naroden Sajuz	BNS
Bulgaria	2005a	Novo Vreme	NV
Bulgaria	2005b	Balgarski Naroden Sajuz	BNS
Bulgaria	2005b	Demokrati za Silna Bălgarija	DSB
Bulgaria	2009	Red, Zakonnost i Spravedlivost	RZS
Croatia	2000	Liberalna Stranka	LS
Croatia	2002	Stranka Liberalnih Demokrata	Libra
Croatia	2002	Liberalna Stranka	LS
Croatia	2003	Demokratski Centar	DC
Croatia	2003	Hrvatska Demokratska Seljačka Stranka	HDSS
Croatia	2006	Demokratski Centar	DC
Croatia	2006	Hrvatska Demokratska Seljačka Stranka	HDSS
Croatia	2008a	Hrvatski Demokratski Savez Slavonije i Baranje	HDSSB
Croatia	2011	Hrvatski Laburisti - Stranka Rada	HLSR
Croatia	2011	Hrvatska Stranka Prava dr. Ante Starčević	HSPAS
Czech R.	1998	Unie Svobody	US
Czech R.	2006	Strana Zelených	SZ
Czech R.	2007	Strana Zelených	SZ
Czech R.	2010	Tradice Odpovědnost Prosperita	TOP9
Estonia	1995a	Parampooled	P
Estonia	1995a	Eesti Reformierakond	RE
Estonia	1995b	Parampooled	P
Estonia	1995b	Eesti Reformierakond	RE
Estonia	1996	Parampooled	P
Estonia	1996	Eesti Reformierakond	RE
Estonia	1997	Parampooled	P
Estonia	1997	Eesti Reformierakond	RE
Hungary	1998	Magyar Igazság és Élet Pártja	MIÉP
Latvia	1995	Demokrātiskā Partija Saimnieks	DPS
Latvia	1997a	Demokrātiskā Partija Saimnieks	DPS
Latvia	1997b	Tēvzemei un Brīvībai/LNNK	TB-LNNK
Latvia	1998a	Tēvzemei un Brīvībai/LNNK	TB-LNNK
Latvia	1998b	Tautas Partija	TP
Latvia	1999a	Tautas Partija	TP
Latvia	1999b	Tautas Partija	TP
Latvia	2000	Tautas Partija	TP
Latvia	2002	Latvijas Pirmā Partija	LPP
Latvia	2004a	Latvijas Pirmā Partija	LPP
Latvia	2004b	Latvijas Pirmā Partija	LPP
Latvia	2006a	Latvijas Pirmā Partija	LPP
Latvia	2009	Pilsoniskā Savienība	PS
Latvia	2009	Sabiedrība Citai Politikai	SCP
Latvia	2010a	Pilsoniskā Savienība	PS
Latvia	2010a	Sabiedrība Citai Politikai	SCP



Latvia	2011	Zatlera Reformu Partija	ZRP
Lithuania	1996a	Lietuvos Moterų Partija	LMP
Lithuania	2000	Lietuvos Krikščionys Demokratai	LKD
Lithuania	2001	Lietuvos Krikščionys Demokratai	LKD
Lithuania	2006	Pilietinės Demokratijos Partija	PDP
Lithuania	2006	Lietuvos Respublikos Liberalų Sąjūdis	LRLS
Macedonia	1994	Demokratska Partija na Makedonija	DPM
Macedonia	1998	Demokratska Alternativa	DA
Macedonia	2002a	Liberalna Partija na Makedonija	LPM
Macedonia	2002a	Nacionalna Demokratska Partija	NDP
Macedonia	2006	Demokratska Obnova na Makedonija	DOM
Macedonia	2006	Nova Socijaldemokratska Partija	NSDP
Macedonia	2006	Vnatrešna Makedonska Revolucionerna Organizacija - Narodna Partija	VMRO-NP
Macedonia	2007	Demokratska Obnova na Makedonija	DOM
Macedonia	2007	Nova Socijaldemokratska Partija	NSDP
Macedonia	2007	Vnatrešna Makedonska Revolucionerna Organizacija - Narodna Partija	VMRO-NP
Poland	1993b	Bezpartyjny Blok Wspierania Reform	BBWR
Poland	1997	Ruch Odbudowy Polski	ROP
Poland	2000	Ruch Odbudowy Polski	ROP
Poland	2001	Prawo i Sprawiedliwość	PiS
Poland	2001	Platforma Obywatelska	PO
Poland	2003	Prawo i Sprawiedliwość	PiS
Poland	2003	Platforma Obywatelska	PO
Poland	2004	Dom Ojczysty	DO
Poland	2004	Polski Blok Ludowy	PBL
Poland	2004	Prawo i Sprawiedliwość	PiS
Poland	2004	Partia Ludowo-Demokratyczna	PLD
Poland	2004	Platforma Obywatelska	PO
Poland	2004	Porozumienie Polskie	PP
Poland	2004	Ruch Katolicko Narodowy	RKN
Poland	2004	Socjaldemokracja Polska	SdPI
Poland	2004	Stronnictwo Konserwatywno-Ludowe	SKL
Poland	2006d	Ruch Ludowo-Chrześcijański	RL-Ch
Poland	2006d	Ruch Ludowo-Narodowy	RL-N
Poland	2007a	Ruch Ludowo-Chrześcijański	RL-Ch
Poland	2007a	Ruch Ludowo-Narodowy	RL-N
Poland	2011	Ruch Palikota	RP
Romania	1992	Convenția Democrată Română	CDR
Romania	1992	Partidul Unității Naționale a Românilor	PUNR
Romania	1994	Convenția Democrată Română	CDR
Romania	1994	Partidul Unității Naționale a Românilor	PUNR
Romania	1996a	Convenția Democrată Română	CDR
Romania	1996a	Partidul Unității Naționale a Românilor	PUNR
Romania	2004	Partidul Umanist Român	PUR
Romania	2006	Partidul Umanist Român	PUR
Romania	2007	Partidul Umanist Român	PUR
Romania	2010	Uniunea Națională pentru Progresul României	UNPR

Romania	2012a	Uniunea Națională pentru Progresul României	UNPR
Romania	2012b	Forța Civică	FC
Slovakia	1994b	Demokratická Únia	DU
Slovakia	1994b	Združenie Robotníkov Slovenska	ZRS
Slovakia	2002	Komunistická Strana Slovenska	KSS
Slovakia	2002	Smer - Sociálna Demokracia	SMER
Slovakia	2006a	Komunistická Strana Slovenska	KSS
Slovakia	2006a	Smer - Sociálna Demokracia	SMER
Slovakia	2010	Most-Híd	MH
Slovakia	2012	Obyčajní Ľudia a Nezávislé Osobnosti	OLaNO
Slovenia	1993	Združena Lista Socialnih Demokratov	ZLSD
Slovenia	1994	Združena Lista Socialnih Demokratov	ZLSD
Slovenia	1996	Združena Lista Socialnih Demokratov	ZLSD
Slovenia	1997	Demokratska Stranka Upokojencev Slovenije	DeSUS
Slovenia	2000a	Demokratska Stranka Upokojencev Slovenije	DeSUS
Slovenia	2000b	Nova Slovenija - Krščanski Demokrati	NSi
Slovenia	2004a	Nova Slovenija - Krščanski Demokrati	NSi
Slovenia	2008	Zares - Nova Politika	ZARES
Slovenia	2011a	Zares - Nova Politika	ZARES
Slovenia	2011b	Zares - Nova Politika	ZARES
Slovenia	2012	Državljanska Lista	DL

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