APPENDIX

Table A1. Countries and survey years included in analyses

Country	Years
Australia	1996, 2004, 2007
Austria	2008
Belgium	1999
Bulgaria	2001
Canada	1997, 2004, 2008
Czech Republic	1996, 2002, 2006, 2010
Denmark	2007
Estonia	2011
Finland	2003, 2007, 2011
France	2002, 2007
Germany	1998, 2002, 2005, 2009
Greece	2009
Iceland	1999, 2003, 2007, 2009
Ireland	2007
Netherlands	1998, 2006, 2010
New Zealand	1996, 2002, 2008
Norway	1997, 2001, 2005, 2009
Poland	1997, 2001, 2005, 2007
Portugal	2002, 2005, 2009
Romania	1996
Slovakia	2010
Slovenia	2008
Spain	1996, 2000, 2004, 2008
Sweden	1998, 2002, 2006
United Kingdom	1997, 2005

Notes: following Golder and Stramski (2010), several countries (and survey years) are excluded from our analyses because ideological position data are missing for parties representing 5% or more of legislative seats. This includes: Denmark (1998), Ireland (2002), Israel (1996, 2003, 2006), Slovenia (1996), and Romania (2009). Following Golder and Stramski, we also exclude Switzerland (1999, 2003, 2007). Hungary (1998 and 2002) has also been excluded because the CSES surveys were held between rounds of legislative elections.

Table A2. Descriptive statistics and data sources for variables included in analyses

Variable	Obs.	Mean	Std. Dev.	Min.	Max.	Source(s)
Congruence measures						
Egocentric (government)	84,111	-2.19	1.67	-8.87	-0.04	
Egocentric (legislature)	84,111	-1.84	1.43	-6.32	-0.01	Golder and Stramski 2010; authors' own calculations based on CSES data and seat share information from Döring and Manow 2015.
Absolute median citizen (government)	84,111	-1.49	0.94	-3.87	-0.05	
Absolute median citizen (legislature)	84,111	-0.51	0.34	-1.32	-0.01	
Many-to-many (cumulative distribution)	84,111	-82.62	26.17	-159.79	-26.55	
Individual-level variables						
University educated	84,111	0.24	0.43	0	1	CSES
National electoral winner	84,111	0.40	0.49	0	1	CSES; Döring and Manow 2015
Male	84,111	0.50	0.50	0	1	CSES
Age	84,111	47.34	16.77	17	101	CSES
Unemployed	84,111	0.05	0.22	0	1	CSES
Income						CSES
1st quintile	84,111	0.15	0.36	0	1	CSES
2nd quintile	84,111	0.18	0.38	0	1	CSES
3rd quintile	84,111	0.19	0.39	0	1	CSES
4th quintile	84,111	0.18	0.38	0	1	CSES
5th quintile	84,111	0.17	0.38	0	1	CSES
Don't know/Refused	84,111	0.13	0.34	0	1	CSES
Political knowledge	80,547	0.23	0.42	0	1	CSES
Macro-level controls						
Annual growth in GDP	84,111	2.67	2.66	-6.56	9.56	World Bank
Unemployment rate	84,111	7.58	4.02	2	22.5	World Bank; OECD
Postcommunist	84,111	0.18	0.39	0	1	

Table A3. Correlation matrix of egocentric and sociotropic congruence measures

	(1)	(2)	(3)	(4)	(4)
(1)	1				
(2)	0.6662	1			
(3)	0.2406	0.0703	1		
(4)	0.0689	0.0332	0.3409	1	
(5)	0.1298	0.0621	0.3232	0.2770	1

Notes:
(1) Egocentric (government)
(2) Egocentric (legislature)
(3) Absolute median citizen (government)
(4) Absolute median citizen (legislature)
(5) Many-to-many (cumulative distribution)

Table A4. Full results for Table 1 (citizen satisfaction and egocentric congruence)

Independent variables	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Proximity to government	0.101***		0.0607***		0.0509***	
	(0.00468)		(0.00492)		(0.00546)	
Proximity to legislature		0.0516***		0.0478***		0.0352***
		(0.00534)		(0.00537)		(0.00596)
University educated	0.176***	0.177***	0.174***	0.175***	0.276***	0.297***
	(0.0196)	(0.0196)	(0.0197)	(0.0197)	(0.0454)	(0.0457)
National electoral winner			0.489***	0.547***	0.483***	0.543***
			(0.0171)	(0.0163)	(0.0172)	(0.0164)
Proximity to government × university educated					0.0485***	
					(0.0115)	
Proximity to legislature × university educated						0.0679***
						(0.0139)
Male	0.0336*	0.0371*	0.0415**	0.0442**	0.0402**	0.0428**
	(0.0154)	(0.0154)	(0.0155)	(0.0155)	(0.0156)	(0.0156)
Age	-0.0253***	-0.0254***	-0.0270***	-0.0273***	-0.0272***	-0.0277***
	(0.00263)	(0.00263)	(0.00265)	(0.00265)	(0.00266)	(0.00266)
Age^2	0.000251***	0.000250***	0.000259***	0.000262***	0.000261***	0.000264***
	(2.68e-05)	(2.68e-05)	(2.70e-05)	(2.69e-05)	(2.71e-05)	(2.71e-05)
Unemployed	-0.307***	-0.315***	-0.302***	-0.304***	-0.299***	-0.301***
	(0.0342)	(0.0342)	(0.0344)	(0.0344)	(0.0345)	(0.0345)
Income						
2nd quintile	0.111***	0.116***	0.0984***	0.0985***	0.0990***	0.0993***
	(0.0263)	(0.0262)	(0.0264)	(0.0264)	(0.0265)	(0.0265)
3rd quintile	0.248***	0.257***	0.233***	0.234***	0.235***	0.237***
	(0.0267)	(0.0266)	(0.0268)	(0.0268)	(0.0269)	(0.0269)
4th quintile	0.398***	0.410***	0.376***	0.378***	0.378***	0.379***
	(0.0278)	(0.0277)	(0.0280)	(0.0280)	(0.0281)	(0.0281)
5th quintile	0.540***	0.560***	0.508***	0.513***	0.507***	0.512***
	(0.0291)	(0.0291)	(0.0293)	(0.0293)	(0.0294)	(0.0294)
Don't know/refused	0.238***	0.248***	0.239***	0.243***	0.239***	0.242***
	(0.0294)	(0.0294)	(0.0296)	(0.0296)	(0.0298)	(0.0297)
Annual GDP growth	0.0746***	0.0726***	0.0723***	0.0712***	0.0718***	0.0711***
	(0.0156)	(0.0148)	(0.0151)	(0.0146)	(0.0152)	(0.0147)
Unemployment rate	-0.0628***	-0.0667***	-0.0620***	-0.0637***	-0.0611***	-0.0630***
	(0.0150)	(0.0144)	(0.0147)	(0.0143)	(0.0147)	(0.0143)
Postcommunist	-1.169***	-1.173***	-1.182***	-1.185***	-1.264***	-1.250***
	(0.243)	(0.238)	(0.247)	(0.244)	(0.244)	(0.243)
Intercept	1.679***	1.586***	1.470***	1.427***	1.478***	1.432***
	(0.175)	(0.170)	(0.175)	(0.173)	(0.175)	(0.173)
Variance (country)	0.218**	0.212**	0.230**	0.228**	0.228**	0.226**
	(0.0716)	(0.0690)	(0.0743)	(0.0731)	(0.0742)	(0.0729)
Variance (country-year)	0.0582***	0.0521***	0.0539***	0.0501***	0.0549***	0.0510***
	(0.0150)	(0.0135)	(0.0140)	(0.0131)	(0.0142)	(0.0133)
Variance (university educated)					0.0205*	0.0206*
					(0.00906)	(0.00908)
N (countries)	25	25	25	25	25	25
N (country-years)	59	59	59	59	59	59
N (individuals)	84,111	84,111	84,111	84,111	84,111	84,111

Notes: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$ (two-tailed). Standard errors in parentheses.
Sources: see Table A2.

Table A5. Full results for Table 2 (citizen satisfaction and sociotropic congruence)

Independent variables	Model 1	Model 2	Model 3
Absolute median citizen congruence (government)	-0.0660	-0.0783	-0.0736
	(0.0452)	(0.0442)	(0.0449)
Absolute median citizen congruence (legislature)	0.00831	0.0403	0.0298
	(0.133)	(0.130)	(0.132)
Many-to-many congruence (cumulative distribution)	-0.00165	-0.00177	-0.00195
	(0.00239)	(0.00235)	(0.00237)
University educated	0.175***	0.173***	0.264*
	(0.0196)	(0.0197)	(0.105)
National electoral winner		0.552***	0.550***
		(0.0163)	(0.0164)
Median citizen congruence (government) × university educated			-0.0248
			(0.0274)
Median citizen congruence (legislature) × university educated			0.0355
			(0.0816)
Many-to-many congruence × university educated			0.00135
			(0.00119)
Male	0.0376*	0.0449**	0.0439**
	(0.0154)	(0.0155)	(0.0155)
Age	-0.0253***	-0.0273***	-0.0276***
	(0.00263)	(0.00265)	(0.00266)
Age^2	0.000246***	0.000258***	0.000261***
	(2.67e-05)	(2.69e-05)	(2.70e-05)
Unemployed	-0.320***	-0.309***	-0.305***
	(0.0341)	(0.0344)	(0.0345)
Income			
2nd quintile	0.120***	0.102***	0.102***
	(0.0262)	(0.0264)	(0.0264)
3rd quintile	0.263***	0.239***	0.242***
	(0.0266)	(0.0268)	(0.0269)
4th quintile	0.417***	0.385***	0.386***
	(0.0277)	(0.0279)	(0.0280)
5th quintile	0.567***	0.519***	0.519***
	(0.0291)	(0.0293)	(0.0294)
Don't know/refused	0.253***	0.248***	0.247***
	(0.0294)	(0.0296)	(0.0297)
Annual GDP growth	0.0695***	0.0681***	0.0679***
	(0.0144)	(0.0141)	(0.0142)
Unemployment rate	-0.0729***	-0.0701***	-0.0700***
	(0.0143)	(0.0141)	(0.0142)
Postcommunist	-1.216***	-1.230***	-1.272***
	(0.234)	(0.237)	(0.236)
Intercept	1.332***	1.171***	1.181***
	(0.236)	(0.235)	(0.236)
Variance (country)	0.204**	0.214**	0.210**
	(0.0663)	(0.0686)	(0.0679)
Variance (country-year)	0.0478***	0.0452***	0.0462***
	(0.0125)	(0.0119)	(0.0121)
Variance (university educated)			0.0175*
			(0.00810)
N (countries)	25	25	25
N (country-years)	59	59	59
Observations	84,111	84,111	84,111

Note: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$ (two-tailed). Standard errors in parentheses.
Source: see Table A2.

Table A6. Congruence, citizen satisfaction, and political knowledge

Independent variables	Model 1	Model 2	Model 3
Proximity to government	0.0628***		
	(0.00562)		
Proximity to legislature		0.0496***	
		(0.00617)	
Absolute median citizen congruence (government)			-0.0600
			(0.0412)
Absolute median citizen congruence (legislature)			0.140
			(0.123)
Many-to-many congruence (cumulative distribution)			-0.00118
			(0.00224)
University educated	0.164***	0.164***	0.162***
	(0.0203)	(0.0203)	(0.0203)
National electoral winner	0.478***	0.538***	0.542***
	(0.0175)	(0.0167)	(0.0167)
Political knowledge	0.117**	0.133**	0.108
	(0.0428)	(0.0429)	(0.100)
Proximity to government × political knowledge	0.00185		
	(0.0112)		
Proximity to legislature × political knowledge		0.00999	
		(0.0133)	
Median citizen congruence (government) × political knowledge			-0.0183
			(0.0265)
Median citizen congruence (legislature) × political knowledge			-0.0985
			(0.0794)
Many-to-many congruence × political knowledge			0.000804
			(0.00110)
Male	0.0270	0.0297	0.0301
	(0.0159)	(0.0159)	(0.0159)
Age	-0.0264***	-0.0268***	-0.0268***
	(0.00271)	(0.00271)	(0.00271)
Age^2	0.000256***	0.000259***	0.000255***
	(2.75e-05)	(2.75e-05)	(2.75e-05)
Unemployed	-0.283***	-0.285***	-0.289***
	(0.0352)	(0.0352)	(0.0351)
Income			
2nd quintile	0.101***	0.101***	0.105***
	(0.0269)	(0.0269)	(0.0268)
3rd quintile	0.232***	0.233***	0.238***
	(0.0273)	(0.0273)	(0.0273)
4th quintile	0.366***	0.367***	0.374***
	(0.0284)	(0.0284)	(0.0284)
5th quintile	0.491***	0.496***	0.502***
	(0.0299)	(0.0299)	(0.0299)
Don't know/refused	0.222***	0.226***	0.230***
	(0.0304)	(0.0304)	(0.0304)
Annual GDP growth rate	0.0625***	0.0616***	0.0616***
	(0.0136)	(0.0132)	(0.0129)
Unemployment rate	-0.0624***	-0.0645***	-0.0706***
	(0.0138)	(0.0134)	(0.0139)
Postcommunist	-0.940***	-0.948***	-0.991***
	(0.274)	(0.271)	(0.263)
Intercept	1.459***	1.418***	1.272***
	(0.172)	(0.169)	(0.225)
Variance (country)	0.240**	0.237**	0.218**
	(0.0781)	(0.0767)	(0.0709)

Variance (political knowledge)	0.0155*	0.0155*	0.0154*
	(0.00764)	(0.00763)	(0.00759)
Variance (country-year)	0.0399***	0.0369***	0.0350***
	(0.0109)	(0.0101)	(0.00966)
N (countries)	23	23	23
N (country-years)	23	23	23
N (individuals)	79,481	79,481	79,481

Note: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$ (two-tailed). Standard errors in parentheses.
Source: see Table A2.