Party Determined Viability and Gender Bias in Open List Proportional Representation Systems

Online Appendix

Table A1: PVs per voter and minimum number of PVs to enter parliament.

	2008		2012		2016	
Party Name	PVs per voter	Min. No. PVs to win	PVs per voter	Min. No. PVs to win	PVs per voter	Min. No. PVs to win
Social Democratic Party	2.54	9052	1.97	6070	2.59	8717
Homeland Union (Conservatives)	2.47	6750	2.08	6522	3.23	9240
Liberal Movement	2.81	19529	2.25	13682	3.04	14496
Peasant and Greens Union	-	-	-	-	2.46	5118
Order and Justice	1.88	8107	1.54	7040	2.02	5389
Labor Party	1.81	6729	1.39	3379	-	-
Lithuanian Poles' Electoral Action	-	-	1.99	8492	2.47	8790
Way of Courage	-	-	1.94	13547	-	-
Liberal and Centre Union	2.65	6432	-	-	-	-
National Resurrection Party	1.98	10212	-	-	-	-

Preference votes (PV) per voter calculated as total preference votes for all candidates / total votes for the list.
Minimum number of PVs to win is the number of PVs received by the last candidate who qualified to the parliament in the list. The calculation is based on list voting alone.

Table A2: PVs per voter and minimum amount of PVs to enter parliament.

	2008				2012				2016			
Party Name	PVs median	PVs median Q1	Ranked out	Ranked in	PVs median	PVs median Q1	Ranked out	Ranked in	PVs median	PVs median Q1	Ranked out	Ranked in
Social Democratic Party												
Males	814	3016	1	2	995	4729	1	2	1613	6847	2	3
Females	533	2432	1	0	932	2607	1	0	1119	4187	2	1
Homeland Union (Conservatives)												
Males	1094	6733	3	4	521	4192	1	1	844	12313	3	3
Females	1175	8417	1	0	395	5084	0	0	1095	15725	0	0
Liberal Movement												
Males	290	2783	1	0	338	2098	0	0	499	3910	2	1
Females	225	1599	0	1	215	3658	1	1	623	4887	0	1
Peasant and Greens Union												
Males	-	-	-	-	-	-	-	-	1135	6278	3	2
Females	-	-	-	-	-	-	-	-	1289	4522	0	1
Order and Justice												
Males	696	5409	4	4	351	1977	3	4	305	1605	1	1
Females	489	1505	0	0	330	1098	1	0	276	1708	0	0
Labor party												
Males	475	2693	0	0	619	2952	1	2	-	-	-	-
Females	587	1944	0	0	670	4131	2	1	-	-	-	-
Lithuanian Poles' Electoral Action												
Males	-	-	-	-	403	1692	1	2	548	2195	0	1
Females	-	-	-	-	154	1006	1	0	320	1701	1	0
Way of Courage												
Males	-	-	-	-	338	9983	3	2	-	-	-	-
Females	-	-	-	-	439	1129	0	1	-	-	-	-
Liberal and Centre Union												
Males	397	2524	0	0	-	-	-	-	-	-	-	-
Females	245	2601	0	0	-	-	-	-	-	-	-	-
National Resurrection Party												
Males	1144	11021	3	3	-	-	-	-	-	-	-	-
Females	1006	5809	2	2	-	-	-	-	-	-	-	-

Ranked out – candidate was originally in the safe seat of the list but did not collect enough votes to enter parliament.
Ranked in – candidate was not ranked in the safe seat but collected enough votes to enter parliament.

Table A3: Gender Bias: Electoral and Non-electoral Parties (Additional Models for Robustness)

DV: Number of Preferential Votes	*Model 6* *IRR*	*Model 7* *IRR*	*Model 8* *IRR*	*Model 9* *IRR*
Sex	0.908**	0.928***	0.907***	1.031
	(0.035)	(0.025)	(0.035)	(0.056)
Parl. Incumbent	1.971***	2.009***	1.976***	2.011***
	(0.110)	(0.111)	(0.106)	(0.111)
Previous Tenures in Parl.	1.510***	1.513***	1.512***	1.509***
	(0.037)	(0.038)	(0.037)	(0.038)
Incumbent Minister	2.458***	2.526***	2.465***	2.497***
	(0.371)	(0.392)	(0.373)	(0.388)
Previous Tenures as Minister	0.783**	0.783***	0.783**	0.756***
	(0.083)	(0.081)	(0.083)	(0.082)
Rank in the List (reversed)	1.019***	1.020***	1.019***	1.020**
	(3.45e-04)	(3.45e-04)	(3.35e-04)	(3.81e-04)
Double Listed	1.295***	1.298***	1.316***	1.305***
	(0.038)	(0.038)	(0.037)	(0.038)
Electoral Party	2.341***		2.378***	
	(0.113)		(0.114)	
Sex × Electoral Party	1.033		1.034	
	(0.055)		(0.055)	
Sex × Rank in the list				0.999**
				(5.71e-04)
Party Dummies	Yes	No	No	Yes
Election Year Dummies	Yes	Yes	Yes	Yes
Constant	326.4***	71.00***	53.35***	68.84***
	(16.72)	(14.35)	(8.440)	(13.94)
Var. of Intercepts at Party Level		1.169	0.688	1.168
		(0.304)	(0.181)	(0.304)
LR Chi^2	7334	7927	8773	7930
N	4833	4833	4833	4833
AIC	71437	71565	71213	71562
BIC	71696	71643	71303	71646

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

+ The base coefficients of party variables for Model 3 are also included in this category.