

## Appendix: Supplementary Analyses

### Mixed Electoral Systems

	(1)	(2)	(3)
	Independent Candidates (% of total)	Independent Candidate Vote (% of total)	Independent Candidate Seats (% of total)
Majority/Plurality Systems	0.29 (0.30)	1.34** (0.22)	1.44** (0.36)
Mixed Electoral System	1.25* (0.61)	1.26** (0.34)	0.44** (0.11)
District Magnitude	0.003 (0.03)	-0.01 (0.01)	-0.01 (0.01)
District Size	3.92e-07 (2.15e-07)	-2.64e-07** (4.75e-08)	-1.97e-07** (5.67e-08)
First Elections	5.23** (0.81)	4.39** (0.80)	4.83** (1.17)
Constant	5.74** (0.44)	0.27 (0.23)	-0.35 (0.36)
R-squared (within)	0.013	0.012	0.006
R-squared (between)	0.178	0.048	0.045
Observations	14922	28063	28063

Fixed-effects not shown. Robust standard errors in parentheses, \*significant at 5%; \*\* significant at 1%

### Majority and Plurality Systems Separated

	(1)	(2)	(3)
	Independent Candidates (% of total)	Independent Candidate Vote (% of total)	Independent Candidate Seats (% of total)
Majority Systems	-0.36 (0.72)	1.13** (0.27)	0.98** (0.37)
Plurality Systems	0.53 (0.28)	1.40** (0.27)	1.55** (0.45)
District Magnitude	0.01 (0.03)	-0.01 (0.01)	-0.01 (0.01)
District Size	3.69e-07 (2.17e-07)	-2.71e-07** (5.04e-08)	-2.10e-07** (6.15e-08)
First Elections	5.26** (0.81)	4.41** (0.81)	4.83** (1.17)
Constant	5.68** (0.43)	0.32 (0.26)	-0.39 (0.40)
R-squared (within)	0.013	0.012	0.006
R-squared (between)	0.174	0.015	0.039
Observations	14922	28063	28063

Fixed-effects not shown. Robust standard errors in parentheses. \* significant at 5%; \*\* significant at 1%

### Full Model without District Magnitude

	(1)	(2)	(3)
	Independent Candidates (% of total)	Independent Candidate Vote (% of total)	Independent Candidate Seats (% of total)
Majority/Plurality Systems	0.27 (0.25)	1.24** (0.20)	1.34** (0.33)
District Size	3.95e-07 (2.03e-07)	-2.42e-07** (4.05e-08)	-1.24e-07** (4.22e-08)
First Elections	5.26** (0.81)	3.38** (0.67)	3.91** (0.96)
Constant	5.86** (0.40)	0.44* (0.21)	-0.11 (0.32)
R-squared	0.013	0.010	0.005
R squared (between)	0.133	0.014	0.038
Observations	14922	29183	29183

Fixed-effects not shown. Robust standard errors in parentheses. \* significant at 5%; \*\* significant at 1%

### First Ten Years of Democracy

	(1)	(2)	(3)
	Independent Candidates (% of total)	Independent Candidate Vote (% of total)	Independent Candidate Seats (% of total)
Majority/Plurality Systems	0.25 (0.33)	1.32** (0.22)	1.42** (0.36)
District Magnitude	-0.001 (0.03)	-0.01 (0.01)	-0.01 (0.01)
District Size	4.26e-07 (2.18e-07)	-2.64e-07** (4.61e-08)	-2.01e-07** (5.53e-08)
First 10 years of Democracy	7.22** (0.71)	0.90* (0.41)	0.51 (0.56)
Constant	5.44** (0.47)	0.36 (0.23)	-0.32 (0.35)
R-squared (within)	0.020	0.006	0.002
R-squared (between)	0.064	0.062	0.064
Observations	14922	28063	28063

Fixed-effects not shown. Robust standard errors in parentheses. \*significant at 5%; \*\* significant at 1%

## Democratic Waves

	(1)	(2)	(3)
	Independent Candidates (% of total)	Independent Candidate Vote (% of total)	Independent Candidate Seats (% of total)
Majority/Plurality Systems	11.85** (3.75)	7.58** (2.69)	5.65* (2.57)
Open-List PR systems	15.27** (4.06)	4.46** (1.44)	3.20** (1.23)
District Magnitude	-1.64** (0.57)	-0.04 (0.03)	-0.02 (0.02)
District Size	-7.10e-07 (7.94e-07)	-2.50e-07 (3.98e-07)	-2.94e-07 (3.34e-07)
First Wave Democracy	-14.32* (5.56)	-8.29** (3.10)	-6.40* (3.10)
Second Wave Democracy	-12.73* (5.50)	-5.34 (2.83)	-4.80 (2.76)
Constant	8.84* (3.92)	0.35 (0.94)	1.17 (0.73)
Observations	14922	28063	28063
R-squared	0.154	0.115	0.042

Robust clustered standard errors in parentheses. \* significant at 5%; \*\* significant at 1%

Note: F-test for first wave and second wave are jointly significant at the 5% level in Models 1-3.

## PR Models Excluding Countries with Highest Threshold (Turkey)

	(1)	(2)
	Independent Candidate Vote (% of total)	Independent Candidate Seats (% of total)
Open-List PR systems	0.85** (0.26)	-0.05 (0.29)
District Magnitude	-0.02 (0.01)	-0.01 (0.01)
District Size	8.14e-08 (9.61e-08)	1.08e-07 (8.91e-08)
Electoral Threshold	-0.07** (0.02)	-0.03 (0.02)
First Elections	0.75* (0.33)	0.45 (0.24)
Constant	2.53* (0.98)	2.34* (0.92)
R-squared (within)	0.017	0.013
R-squared (between)	0.085	0.018
Observations	2963	2963

Fixed-effects not shown. Robust standard errors in parentheses. \* significant at 5%; \*\* significant at 1%

The results for the number of candidates (% of total) are not shown due to limited data. Results, nonetheless, show that thresholds reduce the number of candidates (% of total) that compete in elections.