

Online Appendix to:

Politicians' electoral (non-)participation: Evidence from individual-level panel data (2015-2023)

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Appendix A:

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Table A.1. Data on voter turnout 2015-2021.

Election year	Description	Data coverage
2015	Full count in 27 municipalities with a total of 1,715,200 people and a sample of 22,950 individuals sent to the municipalities.	48.8%
2019	Full count in all municipalities. 298 municipalities submitted electoral rolls and the remaining 58 were asked to deliver the electoral lists directly to Statistics Norway.	100%
2023	Full count in all municipalities. 333 out of 357 municipalities submitted their electronically and the remaining 24 municipalities were requested to directly submit their checked electoral roll lists to the Statistics Norway.	100%

Notes. Description taken from <https://www.ssb.no/valg/stortingsvalg/statistikk/valgdeltakelse>. Data coverage is defined by the share of the eligible population living in municipalities with complete count. These statistics derive from the datasets provided by Statistics Norway.

Table A.2. Candidate voting and preference vote shares

	(1)	(2)
Vote (=1)	0.0108*** (0.000750)	0.00705*** (0.00185)
Observations	109,227	56,901
R-squared	0.665	0.930
Year FE	Yes	Yes
Municipality FE	Yes	Yes
Pol. party FE	Yes	Yes
List rank FE	Yes	Yes
Pre-advantage FE	Yes	Yes
Individual FE	No	Yes

Notes: The table presents regression estimates of the effect of candidates' electoral participation (Vote = 1) on their share of preference votes within the party list (response variable). Column (1) includes a broad set of fixed effects, while Column (2) additionally incorporates individual fixed effects. The sample comprises all candidates running for election in 2019 and 2023, as well as a subset of candidates from selected municipalities in the 2015 election. Municipalities affected by the 2019 mergers are excluded. Standard errors are clustered at the municipality level. Significance levels: *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$.

Table A.3 Predicted election probabilities and election success

	(1) 2011/2007 estimates	(2) 2015 prediction	(3) 2015/2011 estimates	(4) 2019 prediction	(5) 2019/2015 estimates	(6) 2023 prediction
Predicted election prob.		0.960*** (0.00522)		0.961*** (0.00515)		1.000*** (0.00533)
Constant		0.0222*** (0.00332)		-0.0272*** (0.00336)		-0.0535*** (0.00349)
Observations	112,610	55,692	109,272	51,851	106,036	49,982
R-squared	0.441	0.413	0.445	0.432	0.467	0.445
Adjusted R-squared	0.431	0.412	0.435	0.432	0.457	0.443
Municipality-year FE	YES	-	YES	-	YES	-
Party-Preadvantage-Rank FE	YES	-	YES	-	YES	-

Notes: The table presents results from a two-step procedure predicting the probability of being elected to local councils. Columns (1), (3), and (5) report fixed-effects regressions estimated on data from two consecutive municipal elections (2011–2015, 2015–2019, and 2019–2023, respectively). These models include fixed effects for interactions of party affiliation, candidate preadvantage, and list rank, as well as municipality-by-year fixed effects. The estimated coefficients are used to generate predicted election probabilities for individual candidates running in the same municipality-party-list rank combinations in the subsequent election. Columns (2), (4), and (6) report how these predicted probabilities relate to actual election outcomes, controlling only for party affiliation. Standard errors are in parentheses. Significance levels: *** $p < 0.001$.

Table A.4. Election probability and candidate turnout

	(1)	(2)	(3)
Pre candidacy (=1)	-0.108*** (0.00465)	-0.0963*** (0.00403)	-0.0976*** (0.00570)
Predicted elect. prob.	0.104*** (0.0101)	0.102*** (0.00951)	0.0649*** (0.0216)
Pred. elect. prob. squared	-0.0854*** (0.00985)	-0.0874*** (0.00952)	-0.0384 (0.0251)
List never elected (=1)	-0.0688*** (0.00735)	-0.0505*** (0.00567)	-
Post candidacy (=1)	-0.105*** (0.00222)	-0.101*** (0.00200)	-0.0500*** (0.00327)
Observations	350,701	349,923	339,550
R-squared	0.043	0.072	0.675
Estimated optimum	0.61	0.58	0.84
F-test (Optimum=1)	40.50	51.20	0.16
Prob>F	0.00	0.00	0.69
Municipality FE	Yes	Yes	No
Year FE	Yes	Yes	Yes
Age FE	Yes	Yes	Yes
Gender	No	Yes	No
Education level FE	No	Yes	No
Political party/list FE	No	Yes	No
List rank FE	No	Yes	No
Individual FE	No	No	Yes

Notes: The table reports regression estimates of the effect of electoral incentives on candidate turnout (i.e., whether a candidate voted). The sample includes all candidates running in the 2019 and 2023 municipal elections, as well as a subset of candidates from selected municipalities in the 2015 election. Municipalities affected by the 2019 municipal mergers are excluded. Pre candidacy and Post candidacy are indicator variables referring to the election immediately before or after the individual was a candidate, respectively. The omitted category is the election in which the individual ran as a candidate. Electoral incentives are measured using both linear and quadratic terms of predicted election probabilities. These estimates allow us to calculate the level of predicted election probability associated with the highest likelihood of candidate turnout (reported as “Estimated optimum”). The optimum is computed as the negative of the linear coefficient divided by twice the quadratic coefficient. We also report F-tests of whether the estimated optimum equals 1, corresponding to candidates in safe list positions. Standard errors are clustered at the municipality level. Significance levels: *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$.

Table A.5 Classification of immigrant categories

Code		Freq.	Percent	Cum.
A	No immigrant background	313657	91.04	91.04
B	First-generation immigrant without Norwegian background	15123	4.39	95.43
C	Born in Norway to two foreign-born parents	1218	0.35	95.78
E	Born abroad with one Norwegian parent	1764	0.51	96.29
F	Born in Norway with one foreign-born parent	10392	3.02	99.31
G	Born abroad to Norwegian parents	2379	0.69	100.00
Total		344533	100.00	

Notes. For additional details on the definition of immigrant categories, see <https://www.ssb.no/en/klasse/klassifikasjoner/82/koder>

Table A.6 Classification of education levels

		Freq.	Percent	Cum.
0	No education or pre-school education	98	0.03	0.03
1	Primary education	134	0.04	0.07
2	Lower secondary education	42853	12.47	12.53
3	Upper secondary education, basic educ.	37818	11.00	23.53
4	Upper secondary education, final year	89176	25.94	49.47
5	Post-secondary non-tertiary education	14636	4.26	53.73
6	First stage of tertiary education, undergraduate	112346	32.68	86.41
7	First stage of tertiary education, graduate	43170	12.56	98.97
8	Second stage of tertiary education, post-graduate	3550	1.03	100.00
Total		343781	100.00	

Notes. For additional information on definition of education categories, see <https://www.ssb.no/en/klass/klassifikasjoner/36/versjon/2776/koder>