

Appendix: The Impact of Cuing Candidate Quality on Female Candidates

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A Ballot Samples

Figure A.2: Honduras - District of Colón - 2017

TSE **2017** **Elecciones**

4 **MARCAS**

UD

libre

AMOS

PINU

DC

Partido ALIANZA Patriótica Hondureña

PARTIDO NACIONAL

PLANILLA DE DIPUTADOS **COLÓN** **DEPARTAMENTO**

Papeleta N° **MUNICIPIO**

MER N° **DEPARTAMENTO** **CENTRO DE VOTACIÓN**

Papeleta Actualizada 03-10-2017

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40

Figure A.2: El Salvador - District of La Unión - 2018



Figure A.2: Ecuador - District of Del Guayas (Circuscripción 1) - 2017



B Descriptive Statistics

Table B.1: Descriptive Statistics for All Variables in the Models

Statistic	N	Mean	St. Dev.	Min	Max
Vote Share	7,585	1.949	3.069	0.006	36.449
Party Vote Share	7,585	18.841	12.065	0.964	92.439
Rank Change	7,585	−0.006	0.196	−0.956	0.750
Women	7,585	0.394	0.489	0	1
Top Tier (Party List Level)	7,585	0.354	0.478	0	1
Top Tier (District Level)	7,585	0.382	0.334	0.000	1.000
Incumbent	7,585	0.054	0.227	0	1
% Female Copartisan	7,585	0.429	0.118	0.000	1.000
% Female (District)	7,585	0.432	0.066	0.200	0.600
Magnitude (Log)	7,585	1.809	0.632	1.099	3.178
Pre-Election Rank	7,585	0.620	0.278	0.042	1.000
Space to Move Upward	7,585	0.428	0.281	0.000	0.958

Table B.2: Descriptive Statistics for All Variables in the Models - For Female Candidates

Statistic	N	Mean	St. Dev.	Min	Max
Vote Share	2,985	1.534	2.362	0.006	17.708
Party Vote Share	2,985	16.407	8.203	1.031	64.184
Rank Difference	2,985	−0.027	0.203	−0.833	0.600
Women	2,985	1.000	0.000	1	1
Top Tier (Party List Level)	2,985	0.330	0.470	0	1
Top Tier (District Level)	2,985	0.361	0.328	0.000	1.000
Incumbent	2,985	0.015	0.122	0	1
Female Copartisan	2,985	0.461	0.103	0.100	1.000
Female (District)	2,985	0.444	0.060	0.200	0.600
Magnitude (Log)	2,985	1.775	0.613	1.099	3.178
Pre-Election Rank	2,985	0.727	0.210	0.348	1.000
Space to Move Upward	2,985	0.531	0.215	0.200	0.958

Table B.3: Descriptive Statistics for All Variables in the Models - For Male Candidates

Statistic	N	Mean	St. Dev.	Min	Max
Vote Share	4,600	2.217	3.425	0.008	36.449
Party Vote Share	4,600	20.420	13.786	0.964	92.439
Rank Difference	4,600	0.008	0.190	-0.957	0.750
Women	4,600	0.000	0.000	0	0
Top Tier (Party List Level)	4,600	0.369	0.483	0	1
Top Tier (District Level)	4,600	0.396	0.337	0.000	1.000
Incumbent	4,600	0.080	0.271	0	1
Female Copartisan	4,600	0.409	0.122	0.000	0.800
Female (District)	4,600	0.425	0.069	0.200	0.600
Magnitude (Log)	4,600	1.830	0.643	1.099	3.178
Pre-Election Rank	4,600	0.550	0.294	0.042	1.000
Space to Move Upward	4,600	0.361	0.298	0	1

Table B.4: Descriptive Statistics for All Variables in the Models - For Female Candidates at the Top Tier

Statistic	N	Mean	St. Dev.	Min	Max
Vote Share	534	2.229	3.829	0.014	23.415
Party Vote Share	534	20.460	15.779	1.913	82.001
Rank Difference	534	0.083	0.166	-0	1
Women	534	1.000	0.000	1	1
Top Tier (Party List Level)	534	1.000	0.000	1	1
Top Tier (District Level)	534	0.606	0.330	0.053	1.000
Incumbent	534	0.129	0.336	0	1
Female Copartisan	534	0.496	0.119	0.111	1.000
Female (District)	534	0.435	0.057	0.200	0.600
Magnitude (Log)	534	2.128	0.735	1.099	3.178
Pre-Election Rank	534	0.233	0.078	0.042	0.333
Space to Move Upward	534	0.081	0.090	0	0

C Complete Results

Table C.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level)

	Vote Share	Party Vote Share	Rank Change
Female	−0.33* [−0.40; −0.25]	−3.77* [−4.19; −3.36]	0.04* [0.02; 0.05]
Top Tier	0.58* [0.16; 0.99]	−2.49* [−3.05; −1.92]	0.05* [0.04; 0.06]
Female × Top Tier	0.49* [0.37; 0.62]	4.74* [4.07; 5.43]	−0.09* [−0.10; −0.07]
Incumbent	1.66* [1.52; 1.80]	4.37* [3.65; 5.12]	−0.07* [−0.08; −0.05]
% Female Copartisan (District)	−5.28* [−6.76; −3.77]	2.40* [0.50; 4.31]	−0.04 [−0.09; 0.01]
% Female (District)	−1.00 [−3.46; 1.49]	−0.46 [−3.61; 2.62]	0.02 [−0.06; 0.09]
Magnitude (Log)	−2.08* [−2.46; −1.70]	−14.37* [−14.80; −13.94]	
Pre-election Rank	−1.11* [−1.21; −1.00]	−14.24* [−14.86; −13.61]	
Space to Move Upward			−0.26* [−0.27; −0.24]
Intercept	8.81* [7.79; 9.85]	54.26* [52.84; 55.71]	0.10* [0.07; 0.13]
$\sigma_{district-party-year}$	2.84 [2.73; 2.95]	1.20 [0.90; 1.46]	0.00 [0.00; 0.01]
N of District-Party-Year	1,541	1,541	1,541
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table C.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level)

	Vote Share	Party Vote Share	Rank Change
Female	−0.45*	−4.43*	0.06*
	[−0.58; −0.31]	[−4.90; −3.96]	[0.05; 0.07]
Top Tier (District Level)	−0.18	0.12	0.08*
	[−1.02; 0.67]	[−2.47; 2.69]	[0.06; 0.10]
Female × Top Tier (District Level)	0.83*	6.69*	−0.14*
	[0.57; 1.08]	[5.80; 7.59]	[−0.17; −0.12]
Incumbent	1.94*	4.46*	−0.07*
	[1.74; 2.13]	[3.75; 5.15]	[−0.09; −0.05]
% Female Copartisan (District)	−1.21*	1.38	−0.01
	[−1.67; −0.75]	[−0.17; 2.92]	[−0.06; 0.03]
% Female (District)	−0.53	−1.71	−0.01
	[−2.41; 1.35]	[−6.73; 3.40]	[−0.09; 0.06]
Pre-election Rank	−1.09*	−14.94*	
	[−1.25; −0.93]	[−15.52; −14.35]	
Magnitude (Log)	−2.20*	−17.72*	
	[−2.63; −1.78]	[−19.12; −16.28]	
Space to Move Upward			−0.25*
			[−0.27; −0.24]
Intercept	6.85*	60.48*	0.08*
	[5.82; 7.85]	[57.56; 63.34]	[0.06; 0.11]
$\sigma_{district-year}$	0.72	2.48	0.00
	[0.62; 0.84]	[2.18; 2.82]	[0.00; 0.01]
σ_{party}	2.51	0.11	0.00
	[2.24; 2.81]	[0.00; 0.30]	[0.00; 0.01]
N of District-Year	161	161	161
N of Parties	210	210	210
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

D Models for Each Country

D.1 Honduras

Table D.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Honduras

	Vote Share	Party Vote Share	Rank Change
Female	−0.25* [−0.33; −0.18]	−3.09* [−3.84; −2.32]	0.03* [0.00; 0.07]
Top Tier	0.26 [−0.57; 1.11]	−1.85* [−2.66; −1.04]	0.04* [0.01; 0.06]
Female × Top Tier	0.31* [0.22; 0.39]	2.57* [1.67; 3.46]	−0.05* [−0.09; −0.01]
Incumbent	0.58* [0.50; 0.67]	1.69* [0.87; 2.51]	−0.11* [−0.15; −0.08]
% Female Copartisan (District)	−10.53* [−13.06; −8.07]	3.65* [1.10; 6.21]	−0.12* [−0.20; −0.03]
% Female (District)	4.68* [0.02; 9.47]	3.22 [−1.05; 7.64]	0.09 [−0.06; 0.24]
Pre-Election Rank	−0.55* [−0.62; −0.47]	−6.67* [−7.46; −5.85]	
Magnitude (Log)	−1.89* [−2.51; −1.27]	−12.48* [−13.13; −11.86]	
Space to Move Upward			−0.39* [−0.42; −0.35]
Intercept	8.33* [6.38; 10.28]	43.12* [41.10; 45.15]	0.16* [0.11; 0.22]
$\sigma_{district-party-year}$	3.03 [2.81; 3.26]	1.68 [1.32; 2.04]	0.00 [0.00; 0.01]
N of District-Party-Year	347	347	347
N of Observations	2,579	2,579	2,579

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table D.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Honduras

	Vote Share	Party Vote Share	Rank Change
Female	−0.91*	−5.47*	0.10*
	[−1.25; −0.58]	[−6.50; −4.46]	[0.05; 0.14]
Top Tier (District)	−1.27*	−3.71	0.10*
	[−2.49; −0.06]	[−8.54; 1.17]	[0.06; 0.14]
Female × Top Tier	1.24*	6.20*	−0.14*
(District Level)	[0.80; 1.69]	[4.83; 7.59]	[−0.20; −0.08]
Incumbent	1.05*	1.43*	−0.12*
	[0.79; 1.30]	[0.68; 2.18]	[−0.15; −0.08]
% Female Copartisan	−2.26*	2.78*	−0.09*
(District)	[−2.97; −1.57]	[0.94; 4.60]	[−0.18; −0.00]
% Female (District)	0.30	3.17	−0.01
	[−2.29; 2.93]	[−5.27; 11.33]	[−0.18; 0.16]
Pre-Election Rank	−0.41*	−7.21*	
	[−0.66; −0.17]	[−7.96; −6.46]	
Magnitude (Log)	−1.50*	−13.54*	
	[−2.10; −0.91]	[−16.14; −10.86]	
Space to Move Upward			−0.39*
			[−0.42; −0.35]
Intercept	6.43*	47.32*	0.15*
	[4.61; 8.27]	[42.35; 52.31]	[0.09; 0.21]
$\sigma_{district-year}$	0.59	2.87	0.00
	[0.44; 0.78]	[2.28; 3.65]	[0.00; 0.01]
σ_{party}	2.01	0.11	0.00
	[1.26; 3.32]	[0.00; 0.34]	[0.00; 0.02]
N of District-Year	45	45	45
N of Parties	11	11	11
N of Observations	2,579	2,579	2,579

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

D.2 El Salvador

Table D.3: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - El Salvador

	Vote Share	Party Vote Share	Rank Change
Female	−1.48* [−2.10; −0.87]	−8.25* [−10.67; −5.82]	−0.03 [−0.07; 0.01]
Top Tier	−0.12 [−1.56; 1.32]	−5.14* [−7.66; −2.68]	0.05* [0.02; 0.09]
Female × Top Tier	1.96* [1.16; 2.76]	9.66* [6.65; 12.73]	−0.09* [−0.14; −0.04]
Incumbent	4.06* [3.36; 4.78]	12.13* [9.45; 14.75]	−0.07* [−0.12; −0.03]
% Female Copartisan (District)	−3.52* [−6.46; −0.57]	6.57* [2.02; 11.13]	0.05 [−0.03; 0.14]
% Female (District)	3.15 [−3.21; 9.58]	5.28 [−3.27; 13.92]	−0.01 [−0.22; 0.19]
Pre-Election Rank	−2.46* [−3.20; −1.72]	−20.82* [−23.78; −17.88]	
Magnitude (Log)	−3.22* [−4.21; −2.21]	−12.59* [−13.98; −11.18]	
Space to Move Upward			−0.27* [−0.32; −0.22]
Intercept	10.67* [7.92; 13.43]	52.46* [48.05; 56.87]	0.11* [0.03; 0.18]
$\sigma_{district-party-year}$	3.16 [2.75; 3.61]	0.64 [0.03; 1.78]	0.00 [0.00; 0.01]
N of District-Party-Year	347	347	347
N of Observations	944	944	944

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table D.4: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - El Salvador

	Vote Share	Party Vote Share	Rank Change
Female	−1.69*	−8.27*	0.00
	[−2.51; −0.89]	[−11.03; −5.54]	[−0.04; 0.05]
Top Tier (District)	0.02	−3.04	0.08*
	[−2.25; 2.36]	[−9.76; 3.74]	[0.03; 0.13]
Female × Top Tier	2.32*	9.98*	−0.15*
(District Level)	[1.22; 3.43]	[6.23; 13.79]	[−0.21; −0.08]
Incumbent	3.86*	12.67*	−0.08*
	[3.10; 4.62]	[9.94; 15.34]	[−0.12; −0.03]
% Female Copartisan	−0.15	4.02	0.06
(District)	[−1.51; 1.24]	[−0.77; 8.51]	[−0.02; 0.14]
% Female (District)	1.43	1.76	−0.06
	[−3.79; 6.37]	[−8.41; 11.98]	[−0.29; 0.16]
Pre-Election Rank	−2.67*	−21.97*	
	[−3.47; −1.88]	[−24.89; −19.05]	
Magnitude (Log)	−3.00*	−15.23*	
	[−4.13; −1.96]	[−18.79; −11.73]	
Space to Move Upward			−0.27*
			[−0.32; −0.22]
Intercept	10.09*	59.41*	0.11*
	[7.09; 13.13]	[52.66; 66.26]	[0.03; 0.19]
$\sigma_{district-year}$	0.79	3.22	0.01
	[0.45; 1.23]	[2.11; 4.71]	[0.00; 0.02]
σ_{party}	3.27	0.84	0.01
	[2.15; 5.06]	[0.04; 2.15]	[0.00; 0.02]
N of District-Year	28	28	28
N of Parties	15	15	15
N of Observations	944	944	944

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

D.3 Ecuador

Table D.5: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Ecuador

	Vote Share	Party Vote Share	Rank Change
Female	−0.23* [−0.28; −0.18]	−3.11* [−3.49; −2.73]	0.04* [0.03; 0.05]
Top Tier	0.17 [−0.39; 0.75]	−2.96* [−3.68; −2.27]	0.06* [0.04; 0.08]
Female × Top Tier	0.30* [0.17; 0.44]	5.15* [4.16; 6.16]	−0.09* [−0.12; −0.06]
Incumbent	0.98* [0.84; 1.13]	2.92* [1.92; 3.91]	−0.03* [−0.06; −0.00]
% Female Copartisan (District)	0.85 [−1.70; 3.44]	−1.79 [−4.65; 1.08]	−0.01 [−0.08; 0.08]
% Female (District)	−3.00 [−6.71; 0.66]	−4.01 [−8.08; 0.11]	−0.00 [−0.12; 0.11]
Pre-Election Rank	−1.09* [−1.17; −1.01]	−17.25* [−17.89; −16.59]	
Magnitude (Log)	−2.65* [−3.43; −1.81]	−23.68* [−24.43; −22.93]	
Space to Move Upward			−0.17* [−0.19; −0.16]
Intercept	7.54* [6.02; 9.04]	72.99* [71.31; 74.66]	0.05* [0.02; 0.09]
$\sigma_{district-party-year}$	2.66 [2.54; 2.79]	0.08 [0.00; 0.22]	0.00 [0.00; 0.01]
N of District-Party-Year	1,032	1,032	1,032
N of Observations	4,062	4,062	4,062

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table D.6: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Ecuador

	Vote Share	Party Vote Share	Rank Change
Female	−0.28*	−4.00*	0.05*
	[−0.43; −0.12]	[−4.59; −3.43]	[0.04; 0.07]
Top Tier (District)	−0.53	−2.39*	0.10*
	[−2.24; 1.16]	[−4.61; −0.17]	[0.05; 0.16]
Female × Top Tier	0.72 [†]	10.09*	−0.17*
(District Level)	[−0.03; 1.47]	[7.31; 12.89]	[−0.25; −0.09]
Incumbent	1.44*	2.99*	−0.03*
	[1.17; 1.70]	[2.01; 3.98]	[−0.06; −0.01]
% Female Copartisan	−0.60	−2.88*	0.03
(District)	[−1.28; 0.12]	[−5.24; −0.46]	[−0.04; 0.10]
% Female (District)	−0.37	−4.22	−0.04
	[−3.90; 3.25]	[−8.68; 0.05]	[−0.15; 0.07]
Pre-Election Rank	−1.09*	−17.45*	
	[−1.25; −0.93]	[−18.09; −16.80]	
Magnitude (Log)	−2.32*	−24.48*	
	[−3.26; −1.40]	[−25.48; −23.52]	
Space to Move Upward			−0.17*
			[−0.19; −0.15]
Intercept	6.39*	74.78*	0.04*
	[4.73; 8.06]	[72.80; 76.78]	[0.00; 0.08]
$\sigma_{district-year}$	0.87	0.48	0.00
	[0.73; 1.04]	[0.23; 0.71]	[0.00; 0.01]
σ_{party}	2.57	0.08	0.00
	[2.27; 2.86]	[0.00; 0.23]	[0.00; 0.01]
N of District-Year	88	88	88
N of Parties	184	184	184
N of Observations	4,062	4,062	4,062

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval; [†] indicates that 0 is outside 90% credible interval.

E Only Districts with $M_i \geq 7$

Table E.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Only Districts with $M < 7$

	Vote Share	Party Vote Share	Rank Change
Female	−0.27* [−0.37; −0.17]	−3.49* [−3.97; −3.01]	0.04* [0.03; 0.05]
Top Tier	0.79* [0.30; 1.28]	−3.27* [−4.05; −2.49]	0.05* [0.03; 0.06]
Female × Top Tier	0.42* [0.17; 0.68]	5.26* [4.08; 6.44]	−0.08* [−0.11; −0.06]
Incumbent	2.99* [2.74; 3.24]	6.14* [5.15; 7.14]	−0.04* [−0.06; −0.01]
% Female Copartisan	−4.95* [−6.78; −3.20]	2.65* [0.28; 5.05]	−0.03 [−0.09; 0.02]
% Female (District)	−1.10 [−4.15; 1.88]	−3.69 [−7.54; 0.14]	0.02 [−0.07; 0.10]
Pre-Electoral Rank	−1.41* [−1.58; −1.25]	−19.24* [−20.02; −18.43]	
Magnitude (Log)	−3.36* [−4.20; −2.55]	−26.26* [−27.27; −25.23]	
Space to Move Upward			−0.21* [−0.23; −0.19]
Intercept	10.54* [9.15; 11.94]	75.66* [73.64; 77.65]	0.07* [0.04; 0.10]
$\sigma_{district-party-year}$	2.94 [2.82; 3.06]	0.09 [0.00; 0.25]	0.00 [0.00; 0.01]
N of District-Party-Year	1,266	1,266	1,266
N of Observations	4,852	4,852	4,852

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table E.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Only Districts with $M < 7$

	Vote Share	Party Vote Share	Rank Change
Female	-0.21*	-3.30*	0.05*
	[-0.39; -0.02]	[-3.99; -2.61]	[0.03; 0.06]
Top Tier (District Level)	-0.26	-0.93	0.06*
	[-1.24; 0.71]	[-2.86; 0.95]	[0.02; 0.10]
Female \times Top Tier	0.10	3.95*	-0.15*
(District Level)	[-0.72; 0.90]	[1.02; 6.91]	[-0.22; -0.08]
Incumbent	2.90*	6.22*	-0.04*
	[2.61; 3.20]	[5.15; 7.26]	[-0.06; -0.01]
% Female Copartisan	-0.55	1.12	-0.01
(District)	[-1.19; 0.10]	[-1.11; 3.40]	[-0.06; 0.04]
% Female (District)	-0.37	-2.51	-0.00
	[-2.44; 1.58]	[-6.26; 1.25]	[-0.09; 0.08]
Pre-Electoral Rank	-1.47*	-19.58*	
	[-1.69; -1.27]	[-20.37; -18.78]	
Magnitude (Log)	-3.50*	-26.64*	
	[-4.10; -2.94]	[-27.71; -25.57]	
Space to Move Upward			-0.20*
			[-0.22; -0.19]
Intercept	8.37*	76.18*	0.06*
	[7.25; 9.53]	[74.17; 78.19]	[0.03; 0.10]
$\sigma_{district-year}$	0.59	0.10	0.00
	[0.48; 0.73]	[0.00; 0.28]	[0.00; 0.01]
σ_{party}	2.60	0.11	0.00
	[2.35; 2.90]	[0.00; 0.32]	[0.00; 0.01]
N of District-Year	126	126	126
N of Parties	205	205	205
N of Observations	4,852	4,852	4,852

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

F Models Including Female Candidate in The Top Tier

Table F.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Including Female Candidates in the Top Tier

	Vote Share	Party Vote Share	Rank Change
Female	−0.33* [−0.40; −0.26]	−3.79* [−4.22; −3.37]	0.04* [0.03; 0.05]
Top Tier	0.73* [0.31; 1.14]	−1.79* [−2.35; −1.21]	0.05* [0.04; 0.06]
Female × Top Tier	0.49* [0.37; 0.60]	4.62* [3.97; 5.26]	−0.08* [−0.09; −0.06]
Incumbent	1.63* [1.50; 1.76]	4.21* [3.53; 4.90]	−0.06* [−0.08; −0.05]
% Female Copartisan (District)	−5.23* [−6.75; −3.68]	2.35* [0.47; 4.23]	−0.04 [−0.08; 0.00]
% Female (District)	−1.32 [−4.01; 1.39]	−0.35 [−3.55; 2.74]	0.00 [−0.07; 0.08]
Pre-Election Rank	−1.12* [−1.22; −1.01]	−14.26* [−14.84; −13.66]	
Magnitude (Log)	−2.22* [−2.59; −1.83]	−15.23* [−15.67; −14.80]	
Space to Move Upward			−0.26* [−0.27; −0.25]
Intercept	9.13* [8.04; 10.21]	55.54* [54.09; 57.00]	0.10* [0.08; 0.13]
$\sigma_{district-party-year}$	2.91 [2.80; 3.02]	1.25 [1.00; 1.50]	0.00 [0.00; 0.00]
N of District-Party-Year	1,541	1,541	1,541
N of Observations	8,119	8,119	8,119

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table F.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Including Female Candidates in the Top Tier

	Vote Share	Party Vote Share	Rank Change
Female	-0.33*	-3.52*	0.05*
	[-0.46; -0.21]	[-3.99; -3.04]	[0.04; 0.06]
Top Tier (District Level)	-0.05	1.91	0.08*
	[-0.88; 0.81]	[-0.66; 4.40]	[0.06; 0.10]
Female \times Top Tier	0.54*	4.26*	-0.11*
(District Level)	[0.30; 0.77]	[3.38; 5.14]	[-0.14; -0.09]
Incumbent	1.83*	4.17*	-0.07*
	[1.65; 2.01]	[3.50; 4.83]	[-0.08; -0.05]
% Female Copartisan	-1.06*	2.46*	-0.02
(District)	[-1.51; -0.60]	[0.90; 4.01]	[-0.06; 0.02]
% Female (District)	-0.99	-2.70	-0.02
	[-2.84; 0.84]	[-7.83; 2.67]	[-0.09; 0.05]
Pre-Election Rank	-1.13*	-15.15*	
	[-1.28; -0.98]	[-15.68; -14.61]	
Magnitude (Log)	-2.29*	-18.85*	
	[-2.72; -1.88]	[-20.25; -17.42]	
Space to Move Upward			-0.26*
			[-0.27; -0.24]
Intercept	7.12*	61.94*	0.09*
	[6.08; 8.16]	[58.95; 64.83]	[0.06; 0.12]
$\sigma_{district-year}$	0.72	2.50	0.00
	[0.62; 0.84]	[2.19; 2.84]	[0.00; 0.00]
σ_{party}	2.56	0.09	0.00
	[2.30; 2.86]	[0.00; 0.25]	[0.00; 0.01]
N of District-Year	161	161	161
N of Parties	210	210	210
N of Observations	8,119	8,119	8,119

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

G Fixed Effects Models

Table G.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Fixed Effect Models

	Vote Share	Party Vote Share	Rank Change
Female	−3.68*** (−4.09, −3.28)	−0.35*** (−0.41, −0.28)	0.04*** (0.02, 0.05)
Top Tier	−2.69*** (−3.09, −2.29)	−0.37*** (−0.60, −0.13)	0.04*** (0.03, 0.05)
Female × Top Tier	4.76*** (4.15, 5.36)	0.57*** (0.45, 0.70)	−0.09*** (−0.11, −0.06)
Incumbent	4.83*** (3.35, 6.32)	1.88*** (1.46, 2.30)	−0.08*** (−0.10, −0.06)
% Female Copartisan (District)	1.79*** (0.84, 2.74)	−0.85 (−1.96, 0.26)	−0.01 (−0.03, 0.01)
Pre-Election Rank	−14.60*** (−15.39, −13.81)	−1.07*** (−1.20, −0.94)	
Space to Move Upward			−0.26*** (−0.28, −0.24)
District Fixed Effect	Yes	Yes	Yes
Party Fixed Effect	Yes	Yes	Yes
Year Fixed Effect	Yes	Yes	Yes
Observations	7,585	7,585	7,585
R ²	0.70	0.67	0.13
Adjusted R ²	0.69	0.66	0.10

Note: Table entries are unstandardized regression coefficients from linear models. 95% confidence interval in parentheses calculated using clustered-robust standard errors by district-year-party. *p<0.1; **p<0.05; ***p<0.01

Table G.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Fixed Effect Models

	Vote Share	Party Vote Share	Rank Change
Female	−5.01*** (−5.74, −4.29)	−0.53*** (−0.64, −0.42)	0.06*** (0.04, 0.08)
Top Tier (District Level)	−24.63*** (−27.91, −21.34)	−3.16*** (−3.65, −2.67)	0.08*** (0.06, 0.10)
Female × Top Tier (District Level)	7.05*** (5.87, 8.23)	0.93*** (0.74, 1.13)	−0.14*** (−0.18, −0.10)
Incumbent	5.11*** (3.46, 6.75)	1.93*** (1.42, 2.44)	−0.08*** (−0.10, −0.06)
% Female Copartisan (District)	0.99 (−3.10, 5.09)	−0.76 (−1.75, 0.23)	−0.004 (−0.02, 0.01)
Pre-Election Rank	−12.96*** (−14.55, −11.37)	−0.88*** (−1.08, −0.69)	
Space to Move Upward			−0.26*** (−0.28, −0.23)
Country Fixed Effect	Yes	Yes	Yes
Party Fixed Effect	Yes	Yes	Yes
Year Fixed Effect	Yes	Yes	Yes
Observations	7,585	7,585	7,585
R ²	0.55	0.63	0.14
Adjusted R ²	0.54	0.62	0.11

Note: Table entries are unstandardized regression coefficients from linear models. 95% confidence interval in parentheses calculated using clustered-robust standard errors by district-year.

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

H Tobit Models for *Rank Change*

Table H.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Tobit Model

	Rank Change
Female	0.03* [0.02; 0.04]
Top Tier	0.04* [0.02; 0.05]
Female \times Top Tier	-0.08* [-0.10; -0.06]
Incumbent	-0.06* [-0.08; -0.04]
% Female Copartisan (District)	-0.02 [-0.07; 0.01]
Space to Move Upward	-0.252* [-0.27; -0.24]
Intercept	0.11* [0.07; 0.14]
σ^2	0.03 [0.03; 0.03]
District Fixed Effects	Yes
N of Observations	7,585

Note: Table entries are unstandardized regression coefficients from Tobit model. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table H.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Tobit Model

	Rank Change
Female	0.05* [0.04; 0.07]
Top Tier (District Level)	0.04* [0.01; 0.07]
Female \times Top Tier (District Level)	−0.14* [−0.16; −0.11]
Incumbent	−0.06* [−0.08; −0.05]
% Female Copartisan (District)	−0.01 [−0.05; 0.02]
% Female (District)	−0.00 [−0.09; 0.07]
Magnitude (Log)	0.02 [0.00; 0.03]
Space to Move Upward	−0.255* [−0.27; −0.23]
Intercept	0.05* [0.01; 0.09]
σ^2	0.03 [0.03; 0.03]
Country Fixed Effects	Yes
N of Observations	7,585

Note: Table entries are unstandardized regression coefficients from Tobit model. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

I Models For Switzerland

Table I.1: Association Between Female and Electoral Performance Conditional upon Top Tier (List Level) - Switzerland

	Vote Share	Party Vote Share	Rank Change
Female	−0.23* [−0.31; −0.15]	−1.89* [−2.86; −0.93]	0.02 [−0.03; 0.07]
Top Tier	−0.59* [−0.92; −0.27]	−4.03* [−5.43; −2.61]	0.03* [0.00; 0.05]
Female × Top Tier	0.25* [0.16; 0.33]	2.03* [0.99; 3.09]	−0.03 [−0.09; 0.02]
Incumbent	1.24* [1.17; 1.31]	6.25* [5.34; 7.17]	−0.18* [−0.22; −0.14]
% Female Copartisan (District)	0.04 [−0.67; 0.82]	−0.52 [−3.35; 2.30]	0.01 [−0.04; 0.07]
% Female (District)	0.59 [−1.76; 2.89]	3.75 [−4.30; 11.84]	0.18 [−0.04; 0.40]
Pre-Election Rank	−0.14* [−0.19; −0.09]	−5.30* [−5.94; −4.69]	
Magnitude (Log)	−0.51* [−0.69; −0.33]	−8.81* [−9.66; −7.96]	
Space to Move Upward			−0.46* [−0.49; −0.42]
Intercept	2.06* [1.22; 2.96]	39.22* [35.95; 42.40]	0.11* [0.03; 0.18]
$\sigma_{district-list}$	1.08 [1.00; 1.16]	4.55 [4.13; 5.02]	0.00 [0.00; 0.01]
N of District-List-Year	379	379	379
N of Observations	3,221	3,221	3,221

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table I.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Switzerland

	Vote Share	Party Vote Share	Rank Change
Female	−0.57* [−0.73; −0.41]	−3.50* [−5.09; −1.88]	−0.00 [−0.08; 0.08]
Top Tier	−0.38 [−1.58; 0.83]	−8.48* [−14.86; −1.34]	0.05 [−0.01; 0.11]
Female × Top Tier (District Level)	0.66* [0.48; 0.84]	4.01* [2.16; 5.86]	−0.00 [−0.10; 0.09]
Incumbent	1.30* [1.22; 1.38]	6.32* [5.42; 7.23]	−0.18* [−0.23; −0.14]
% Female Copartisan (District)	1.19* [0.80; 1.61]	−3.48* [−5.73; −1.15]	0.03 [−0.02; 0.08]
% Female (District)	1.24 [−2.01; 4.57]	4.32 [−6.08; 14.93]	0.08 [−0.21; 0.36]
Pre-Election Rank	−0.14* [−0.20; −0.08]	−5.45* [−6.08; −4.83]	
Magnitude (Log)	−0.74* [−1.20; −0.30]	−7.70* [−10.49; −5.14]	
Space to Move Upward			−0.46* [−0.49; −0.43]
Intercept	1.85* [0.65; 3.03]	40.98* [35.97; 46.17]	0.11* [0.02; 0.21]
$\sigma_{district-year}$	0.27 [0.17; 0.44]	2.01 [1.18; 3.19]	0.01 [0.00; 0.03]
σ_{list}	1.15 [1.06; 1.25]	4.36 [3.91; 4.83]	0.01 [0.00; 0.01]
N of Districts	18	18	18
N of Lists	344	344	344
N of Observations	3,221	3,221	3,221

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

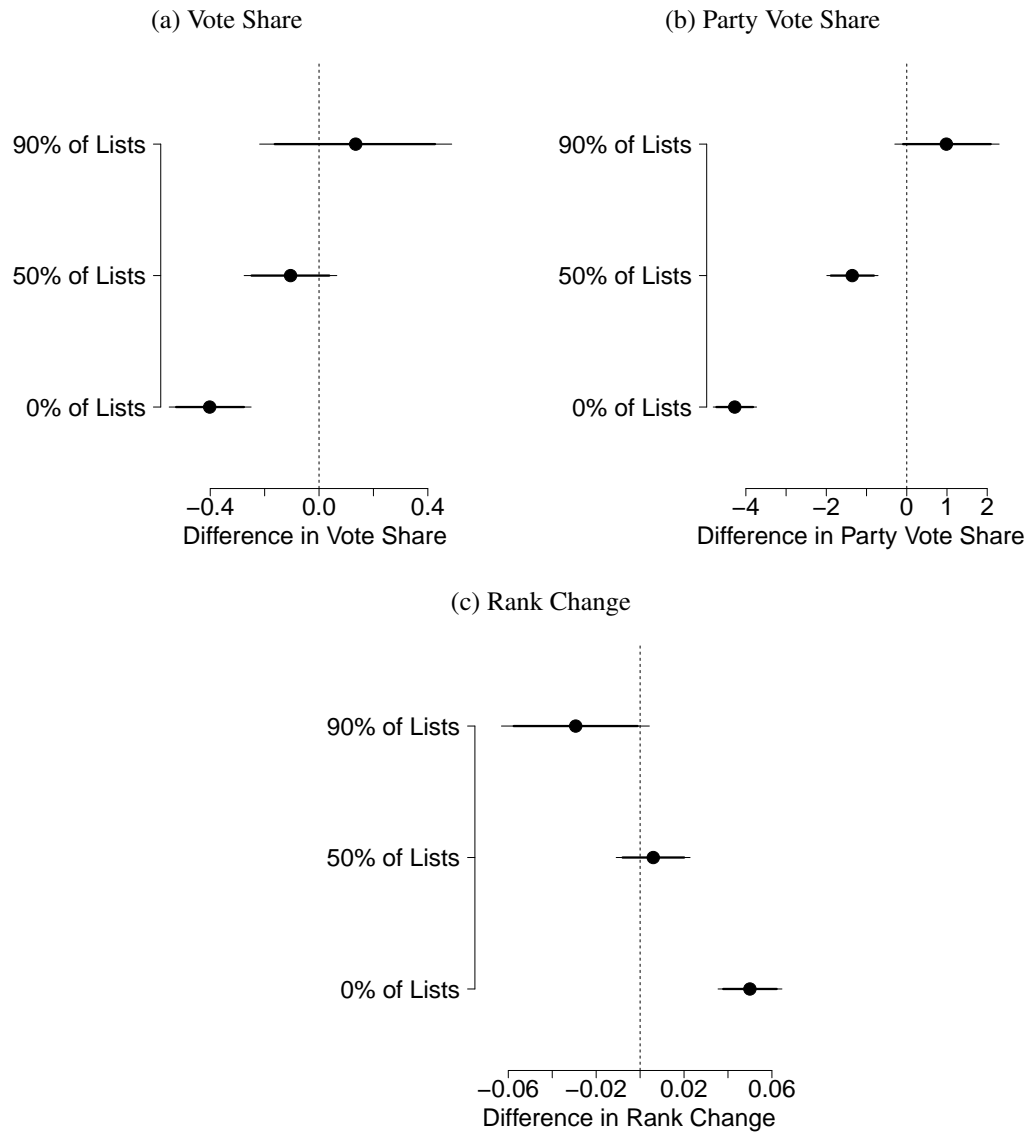
J Models with Top Tier (District Level) considering whether female candidates had a female copartisan in the Top Tier (Party Level)

Table J.1: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Considering whether a Female Candidate was on a List Without a Female Candidate in the Top Tier (Party Level)

	Vote Share	Party Vote Share	Rank Change
Female (on a list without Top Tier)	-0.40*	-4.28*	0.05*
	[-0.55; -0.25]	[-4.81; -3.73]	[0.04; 0.06]
Top Tier (District Level)	-0.08	0.61	0.05*
	[-0.91; 0.77]	[-2.00; 3.24]	[0.03; 0.06]
Female (on a list without Top Tier) × Top Tier (District Level)	0.59*	5.85*	-0.09*
	[0.09; 1.10]	[4.02; 7.66]	[-0.14; -0.04]
Incumbent	1.93*	4.36*	-0.07*
	[1.73; 2.12]	[3.65; 5.07]	[-0.08; -0.05]
% Female Copartisan (District)	-1.30*	0.16	-0.02
	[-1.76; -0.84]	[-1.41; 1.65]	[-0.06; 0.03]
% Female (District)	-0.42	-0.75	-0.02
	[-2.34; 1.45]	[-6.03; 4.48]	[-0.10; 0.06]
Pre-Election Rank	-1.07*	-14.96*	
	[-1.22; -0.92]	[-15.53; -14.38]	
Magnitude (Log)	-2.18*	-17.59*	
	[-2.62; -1.75]	[-19.02; -16.10]	
Space to Move Upwards			-0.26*
			[-0.28; -0.25]
Intercept	6.75*	60.21*	0.10*
	[5.75; 7.77]	[57.19; 63.22]	[0.07; 0.13]
$\sigma_{district-year}$	0.73	2.57	0.00
	[0.62; 0.84]	[2.27; 2.92]	[0.00; 0.01]
σ_{party}	2.50	0.13	0.00
	[2.25; 2.78]	[0.01; 0.34]	[0.00; 0.01]
N of District-Year	161	161	161
N of Parties	210	210	210
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Figure J.1: District Level - The Effect of a Top Tier Female Candidate on Women on Lists Without *Top Tier* Female Candidates



Note: 95% and 90% credible intervals. Panels show the difference in each of the dependent variables (Vote Share, Party Vote Share, and Rank Change) between a woman on a list without other women in the *Top Tier* and all other candidates. We do not set the maximum percentage of lists with *Top Tier* equal to 100% because it would be impossible for a woman to be on a list without a *Top Tier*. We use 90% because this is the last observed value in our data (except for 100%).

K Models Including *Female x Incumbent*

Table K.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - With *Female × Incumbent*

	Vote Share	Party Vote Share	Rank Change
Female	−0.30*	−3.69*	0.04*
	[−0.38; −0.23]	[−4.13; −3.25]	[0.02; 0.05]
Top Tier	0.60*	−2.50*	0.05*
	[0.19; 1.00]	[−3.07; −1.93]	[0.04; 0.06]
Female × Top Tier	0.50*	4.75*	−0.09*
	[0.38; 0.62]	[4.06; 5.44]	[−0.10; −0.07]
Incumbent	1.79*	4.83*	−0.07*
	[1.65; 1.94]	[4.05; 5.62]	[−0.09; −0.05]
Female × Incumbent	−1.15*	−3.95*	0.01
	[−1.56; −0.75]	[−6.15; −1.76]	[−0.04; 0.07]
% Female Copartisan (District)	−5.35*	2.43*	−0.04
	[−6.86; −3.82]	[0.51; 4.34]	[−0.09; 0.01]
% Female (District)	−0.98	−0.56	0.02
	[−3.56; 1.53]	[−3.66; 2.64]	[−0.06; 0.09]
Pre-Election Rank	−1.10*	−14.21*	
	[−1.21; −0.99]	[−14.82; −13.58]	
Magnitude (Log)	−2.10*	−14.36*	
	[−2.47; −1.74]	[−14.80; −13.93]	
Space to Move Upward			−0.26*
			[−0.27; −0.24]
Intercept	8.84*	54.22*	0.10*
	[7.79; 9.86]	[52.77; 55.69]	[0.07; 0.13]
$\sigma_{district-party-year}$	2.84	1.20	0.00
	[2.74; 2.96]	[0.91; 1.46]	[0.00; 0.00]
N of District-Party-Year	1,541	1,541	1,541
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table K.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - With *Female* \times *Incumbent*

	Vote Share	Party Vote Share	Rank Change
Female	−0.43*	−4.38*	0.06*
	[−0.55; −0.30]	[−4.86; −3.89]	[0.05; 0.07]
Top Tier (District Level)	−0.20	0.09	0.08*
	[−1.02; 0.66]	[−2.50; 2.66]	[0.06; 0.10]
Female \times Top Tier (District Level)	0.85*	6.76*	−0.14*
	[0.59; 1.10]	[5.81; 7.70]	[−0.17; −0.12]
Incumbent	2.08*	4.89*	−0.07*
	[1.88; 2.29]	[4.14; 5.64]	[−0.09; −0.05]
Female \times Incumbent	−1.29*	−3.67*	0.02
	[−1.85; −0.73]	[−5.77; −1.55]	[−0.04; 0.08]
% Female Copartisan (District)	−1.20*	1.39	−0.01
	[−1.67; −0.73]	[−0.17; 2.96]	[−0.06; 0.03]
% Female (District)	−0.60	−1.66	−0.01
	[−2.51; 1.29]	[−6.79; 3.58]	[−0.09; 0.06]
Pre-Election Rank	−1.08*	−14.91*	
	[−1.24; −0.93]	[−15.49; −14.34]	
Magnitude (Log)	−2.18*	−17.68*	
	[−2.61; −1.76]	[−19.12; −16.22]	
Space to Move Upward			−0.25*
			[−0.27; −0.24]
Intercept	6.84*	60.35*	0.08*
	[5.77; 7.87]	[57.39; 63.32]	[0.06; 0.11]
$\sigma_{district-year}$	0.72	2.48	0.00
	[0.62; 0.84]	[2.18; 2.83]	[0.00; 0.01]
σ_{party}	2.51	0.11	0.00
	[2.26; 2.79]	[0.00; 0.29]	[0.00; 0.01]
N of District-Year	161	161	161
N of Parties	210	210	210
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

L Models using Female Ranked 1st

Models in this Appendix include all districts and all candidates, except for female candidates ranked 1st.

Table L.1: Association Between Female and Electoral Performance Conditional upon Female Candidate is Ranked 1st (Party List Level)

	Vote Share	Party Vote Share	Rank Change
Female	−0.20*	−2.55*	−0.00
	[−0.25; −0.15]	[−2.85; −2.26]	[−0.01; 0.01]
Ranked 1 st	0.61*	−2.93*	0.02*
	[0.20; 0.99]	[−3.47; −2.39]	[0.01; 0.04]
Female × Ranked 1 st	0.25*	2.87*	−0.04*
	[0.13; 0.38]	[2.15; 3.63]	[−0.06; −0.02]
Incumbent	1.50*	4.29*	−0.06*
	[1.39; 1.62]	[3.66; 4.93]	[−0.07; −0.04]
% Female Copartisan (District)	−5.14*	2.61*	−0.00
	[−6.56; −3.80]	[0.91; 4.27]	[−0.04; 0.04]
% Female (District)	−1.36	−1.89	0.00
	[−3.80; 1.01]	[−4.60; 0.86]	[−0.07; 0.07]
Pre-Election Rank	−0.87*	−11.63*	
	[−0.95; −0.79]	[−12.13; −11.16]	
Magnitude (Log)	−1.71*	−14.34*	
	[−1.95; −1.47]	[−14.61; −14.09]	
Space to Move Upwards			−0.22*
			[−0.23; −0.20]
Intercept	8.23*	52.58*	0.09*
	[7.31; 9.16]	[51.42; 53.74]	[0.07; 0.12]
$\sigma_{district-party-year}$	2.76	1.14	0.00
	[2.66; 2.86]	[0.91; 1.36]	[0.00; 0.01]
N of District-Party-Year	1,689	1,689	1,689
N of Observations	9,796	9,796	9,796

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table L.2: Association Between Female and Electoral Performance Conditional upon Female Candidate is Ranked 1st (District Level)

	Vote Share	Party Vote Share	Rank Change
Female	−0.16*	−2.42*	−0.01
	[−0.29; −0.04]	[−2.88; −1.95]	[−0.02; 0.01]
Ranked 1 st (District Level)	−0.21	−4.14*	0.01
	[−1.22; 0.77]	[−7.54; −0.83]	[−0.03; 0.05]
Female × Ranked 1 st (District Level)	0.08	2.52*	−0.00
	[−0.55; 0.71]	[0.23; 4.81]	[−0.07; 0.06]
Incumbent	1.78*	4.35*	−0.06*
	[1.62; 1.95]	[3.76; 4.95]	[−0.07; −0.04]
% Female Copartisan (District)	−1.18*	0.84	0.01
	[−1.59; −0.76]	[−0.54; 2.25]	[−0.03; 0.05]
% Female (District)	−1.03	−0.98	−0.01
	[−2.80; 0.74]	[−6.04; 4.18]	[−0.07; 0.06]
Pre-Election Rank	−0.85*	−12.19*	
	[−0.97; −0.73]	[−12.66; −11.72]	
Magnitude (Log)	−1.83*	−16.16*	
	[−2.06; −1.59]	[−16.93; −15.41]	
Space to Move Upwards			−0.21*
			[−0.23; −0.20]
Intercept	6.43*	56.70*	0.09*
	[5.58; 7.30]	[54.29; 59.08]	[0.07; 0.12]
$\sigma_{district-year}$	0.70	2.46	0.00
	[0.61; 0.80]	[2.18; 2.78]	[0.00; 0.01]
σ_{party}	2.28	0.10	0.00
	[2.05; 2.52]	[0.01; 0.26]	[0.00; 0.00]
N of District-Year	170	170	170
N of Parties	231	231	231
N of Observations	9,796	9,796	9,796

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

M Models Dropping Female and Male Candidates at the Top Tier

Table M.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Dropping both Female and Male Candidates Ranked at the Top Tier

	Vote Share	Party Vote Share	Rank Change
Female	−0.05*	−0.00	0.00
	[−0.08; −0.02]	[−0.24; 0.24]	[−0.01; 0.01]
Top Tier	0.84*	0.86*	0.02*
	[0.50; 1.20]	[0.32; 1.40]	[0.01; 0.03]
Female × Top Tier	0.06*	−0.05	−0.04*
	[0.01; 0.11]	[−0.43; 0.34]	[−0.06; −0.02]
Incumbent	0.54*	1.19*	−0.09*
	[0.45; 0.63]	[0.51; 1.88]	[−0.12; −0.06]
% Female Copartisan (District)	−4.94*	−1.73	−0.03
	[−6.37; −3.61]	[−3.70; 0.27]	[−0.09; 0.02]
% Female (District)	−0.35	5.16*	0.06
	[−2.85; 2.22]	[1.92; 8.44]	[−0.03; 0.15]
Pre-Election Rank	−0.52*	−5.63*	
	[−0.58; −0.46]	[−6.07; −5.19]	
Magnitude (Log)	−1.66*	−13.17*	
	[−2.01; −1.31]	[−13.62; −12.72]	
Space to Move Upward			−0.35*
			[−0.38; −0.33]
Intercept	7.01*	41.90*	0.16*
	[5.98; 8.01]	[40.45; 43.30]	[0.12; 0.19]
$\sigma_{district-party-year}$	2.70	3.15	0.00
	[2.60; 2.79]	[2.99; 3.33]	[0.00; 0.01]
N of District-Party-Year	1,541	1,541	1,541
N of Observations	5,888	5,888	5,888

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table M.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Dropping both Female and Male Candidates Ranked at the Top Tier

	Vote Share	Party Vote Share	Rank Change
Female	-0.13*	-0.14	0.02*
	[-0.24; -0.03]	[-0.44; 0.16]	[0.00; 0.03]
Top Tier (District Level)	-0.50	0.96	0.05*
	[-1.27; 0.24]	[-1.69; 3.59]	[0.02; 0.07]
Female \times Top Tier	0.27*	0.15	-0.09*
(District Level)	[0.07; 0.48]	[-0.42; 0.74]	[-0.12; -0.06]
Incumbent	1.00*	0.86*	-0.09*
	[0.76; 1.23]	[0.21; 1.52]	[-0.13; -0.06]
% Female Copartisan	-0.95*	-0.05	-0.02
(District)	[-1.35; -0.56]	[-1.11; 1.01]	[-0.08; 0.03]
% Female (District)	-1.50	1.52	0.05
	[-3.18; 0.09]	[-3.80; 6.90]	[-0.05; 0.14]
Pre-Election Rank	-0.47*	-5.80*	
	[-0.65; -0.30]	[-6.29; -5.32]	
Magnitude (Log)	-1.41*	-12.82*	
	[-1.78; -1.04]	[-14.24; -11.35]	
Space to Move Upward			-0.36*
			[-0.38; -0.33]
Intercept	5.33*	41.89*	0.15*
	[4.43; 6.26]	[38.88; 44.84]	[0.11; 0.19]
$\sigma_{district-year}$	0.63	2.63	0.00
	[0.54; 0.74]	[2.30; 2.99]	[0.00; 0.01]
σ_{party}	2.29	1.62	0.00
	[2.07; 2.55]	[1.27; 2.02]	[0.00; 0.01]
N of District-Year	161	161	161
N of Parties	210	210	210
N of Observations	5,888	5,888	5,888

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

N Models Including All Districts

Table N.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Including All Districts

	Vote Share	Party Vote Share	Rank Change
Female	−0.35* [−0.42; −0.29]	−3.95* [−4.35; −3.55]	0.02* [0.01; 0.04]
Top Tier	0.51* [0.12; 0.92]	−2.88* [−3.35; −2.40]	0.04* [0.03; 0.05]
Female × Top Tier	0.50* [0.41; 0.59]	4.92* [4.36; 5.48]	−0.08* [−0.09; −0.06]
Incumbent	1.60* [1.47; 1.73]	4.44* [3.78; 5.11]	−0.06* [−0.08; −0.04]
% Female Copartisan (District)	−5.12* [−6.57; −3.67]	2.57* [0.84; 4.27]	−0.03 [−0.08; 0.01]
% Female (District)	−1.23 [−3.58; 1.23]	−1.10 [−3.81; 1.64]	0.02 [−0.04; 0.09]
Pre-Election Rank	−0.92* [−1.01; −0.84]	−12.41* [−12.92; −11.89]	
Magnitude (Log)	−2.02* [−2.35; −1.71]	−13.75* [−14.10; −13.40]	
Space To Move Upward			−0.21* [−0.23; −0.20]
Intercept	8.67* [7.70; 9.62]	52.45* [51.25; 53.70]	0.08* [0.05; 0.10]
$\sigma_{district-party-year}$	2.74 [2.65; 2.84]	1.04 [0.76; 1.29]	0.00 [0.00; 0.00]
N of District-Party-Year	1,689	1,689	1,689
N of Observations	9,293	9,293	9,293

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table N.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Including All Districts

	Vote Share	Party Vote Share	Rank Change
Female	−0.46*	−4.74*	0.05*
	[−0.58; −0.35]	[−5.18; −4.31]	[0.03; 0.06]
Top Tier (District Level)	0.18	−1.10	0.07*
	[−0.46; 0.83]	[−3.36; 1.29]	[0.05; 0.08]
Female × Top Tier	0.73*	6.67*	−0.12*
(District Level)	[0.55; 0.92]	[5.96; 7.38]	[−0.14; −0.10]
Incumbent	1.95*	4.59*	−0.06*
	[1.78; 2.12]	[3.98; 5.20]	[−0.08; −0.04]
% Female Copartisan	−1.07*	1.31	−0.01
(District)	[−1.50; −0.65]	[−0.10; 2.74]	[−0.05; 0.03]
% Female (District)	−1.41	−1.57	−0.00
	[−3.20; 0.39]	[−6.63; 3.48]	[−0.07; 0.07]
Pre-Election Rank	−0.90*	−13.03*	
	[−1.03; −0.76]	[−13.53; −12.54]	
Magnitude (Log)	−2.00*	−16.75*	
	[−2.38; −1.61]	[−18.09; −15.44]	
Space To Move Upward			−0.21*
			[−0.23; −0.20]
Intercept	6.79*	58.20*	0.07*
	[5.83; 7.76]	[55.42; 60.97]	[0.04; 0.09]
$\sigma_{district-year}$	0.70	2.50	0.00
	[0.61; 0.81]	[2.21; 2.83]	[0.00; 0.01]
σ_{party}	2.27	0.10	0.00
	[2.05; 2.52]	[0.07; 0.26]	[0.00; 0.00]
N of District-Year	170	170	170
N of Parties	231	231	231
N of Observations	9,293	9,293	9,293

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

O Models Including All Districts and All Candidates

Table O.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Including All Districts and All Candidates

	Vote Share	Party Vote Share	Rank Change
Female	−0.36* [−0.43; −0.29]	−4.03* [−4.43; −3.63]	0.03* [0.02; 0.04]
Top Tier	0.66* [0.28; 1.04]	−2.12* [−2.60; −1.65]	0.04* [0.04; 0.05]
Female × Top Tier	0.47* [0.38; 0.56]	4.62* [4.09; 5.16]	−0.07* [−0.08; −0.05]
Incumbent	1.56* [1.44; 1.67]	4.29* [3.68; 4.90]	−0.05* [−0.07; −0.04]
% Female Copartisan (District)	−5.06* [−6.52; −3.51]	2.94* [1.24; 4.62]	−0.03 [−0.07; 0.01]
% Female (District)	−1.51 [−3.91; 0.94]	−1.86 [−4.59; 0.82]	0.00 [−0.06; 0.07]
Pre-Election Rank	−0.91* [−0.99; −0.83]	−12.18* [−12.66; −11.69]	
Magnitude (Log)	−2.17* [−2.47; −1.83]	−14.60* [−14.95; −14.26]	
Space to Move Upward			−0.22* [−0.23; −0.21]
Intercept	8.96* [8.01; 9.91]	53.82* [52.64; 55.03]	0.09* [0.06; 0.11]
$\sigma_{district-party-year}$	2.81 [2.71; 2.91]	1.11 [0.88; 1.33]	0.00 [0.00; 0.00]
N of District-Party-Year	1,689	1,689	1,689
N of Observations	10,077	10,077	10,077

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table O.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Including All Districts and All Candidates

	Vote Share	Party Vote Share	Rank Change
Female	−0.35*	−3.81*	0.04*
	[−0.47; −0.23]	[−4.24; −3.40]	[0.03; 0.05]
Top Tier (District Level)	0.30	0.54	0.07*
	[−0.36; 0.97]	[−1.71; 2.84]	[0.06; 0.08]
Female × Top Tier	0.48*	4.40*	−0.10*
(District Level)	[0.30; 0.66]	[3.75; 5.06]	[−0.12; −0.08]
Incumbent	1.84*	4.33*	−0.06*
	[1.67; 2.01]	[3.74; 4.91]	[−0.07; −0.04]
% Female Copartisan	−0.87*	2.62*	−0.01
(District)	[−1.28; −0.46]	[1.24; 3.98]	[−0.05; 0.03]
% Female (District)	−1.94*	−2.88	−0.02
	[−3.66; −0.20]	[−8.02; 2.23]	[−0.08; 0.05]
Pre-Election Rank	−0.91*	−12.92*	
	[−1.03; −0.79]	[−13.37; −12.47]	
Magnitude (Log)	−2.09*	−17.77*	
	[−2.48; −1.72]	[−19.07; −16.44]	
Space to Move Upward			−0.22*
			[−0.23; −0.20]
Intercept	7.06*	59.39*	0.08*
	[6.10; 7.99]	[56.58; 62.27]	[0.05; 0.10]
$\sigma_{district-year}$	0.69	2.53	0.00
	[0.60; 0.80]	[2.24; 2.85]	[0.00; 0.00]
σ_{party}	2.31	0.08	0.00
	[2.10; 2.55]	[0.00; 0.21]	[0.00; 0.00]
N of District-Year	170	170	170
N of Parties	231	231	231
N of Observations	10,077	10,077	10,077

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

P Models Including Other Interactions

Table P.1: Association Between Female and Electoral Performance Conditional upon Top Tier (Party List Level) - Including Other Interactions

	Vote Share	Party Vote Share	Rank Change
Female	−1.17*	−5.57*	0.03
	[−1.58; −0.74]	[−7.69; −3.51]	[−0.03; 0.09]
Top Tier	0.58*	−2.66*	0.05*
	[0.20; 0.98]	[−3.24; −2.09]	[0.04; 0.07]
Female × Top Tier	0.57*	5.47*	−0.09*
	[0.44; 0.70]	[4.73; 6.19]	[−0.11; −0.07]
% Female Copartisan (District)	−4.85*	6.22*	−0.08*
	[−6.32; −3.24]	[4.03; 8.46]	[−0.13; −0.02]
Female × % Female Copartisan (District)	−1.17*	−11.39*	0.11*
	[−1.91; −0.42]	[−14.83; −7.99]	[0.01; 0.20]
% Female (District)	−2.15	−5.71*	0.05
	[−4.65; 0.45]	[−9.34; −2.16]	[−0.04; 0.15]
Female × % Female (District)	3.04*	15.09*	−0.09
	[1.90; 4.16]	[9.88; 20.39]	[−0.25; 0.07]
Incumbent	1.65*	4.45*	−0.07*
	[1.51; 1.80]	[3.71; 5.21]	[−0.08; −0.05]
Pre-Election Rank	−1.11*	−14.16*	
	[−1.22; −1.01]	[−14.79; −13.53]	
Magnitude (Log)	−2.12*	−14.43*	
	[−2.49; −1.74]	[−14.87; −14.01]	
Space to Move Upward			−0.26*
			[−0.27; −0.24]
Intercept	9.18*	55.05*	0.10*
	[8.08; 10.24]	[53.44; 56.65]	[0.06; 0.13]
$\sigma_{district-party-year}$	2.85	1.20	0.00
	[2.74; 2.95]	[0.91; 1.47]	[0.00; 0.01]
N of District-Party-Year	1,541	1,541	1,541
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Table P.2: Association Between Female and Electoral Performance Conditional upon Top Tier (District Level) - Including Other Interactions

	Vote Share	Party Vote Share	Rank Change
Female	-1.43*	-7.53*	0.06
	[-2.03; -0.84]	[-9.58; -5.52]	[-0.00; 0.12]
Top Tier (District Level)	-0.16	0.21	0.08*
	[-1.00; 0.65]	[-2.39; 2.81]	[0.06; 0.10]
Female \times Top Tier (District Level)	0.84*	6.76*	-0.14*
	[0.59; 1.09]	[5.83; 7.71]	[-0.17; -0.12]
% Female Copartisan (District)	-1.12*	2.81*	-0.00
	[-1.70; -0.53]	[0.88; 4.69]	[-0.06; 0.05]
Female \times % Female Copartisan (District)	-0.09	-3.76*	-0.03
	[-1.03; 0.85]	[-6.88; -0.72]	[-0.11; 0.07]
% Female (District)	-1.30	-4.84	-0.02
	[-3.25; 0.57]	[-10.31; 0.59]	[-0.12; 0.07]
Female \times % Female (District)	2.34*	10.84*	0.03
	[0.78; 3.91]	[5.86; 15.77]	[-0.13; 0.18]
Incumbent	1.93*	4.47*	-0.07*
	[1.74; 2.13]	[3.78; 5.16]	[-0.09; -0.05]
Pre-Election Rank	-1.11*	-14.97*	
	[-1.27; -0.95]	[-15.56; -14.38]	
Magnitude (Log)	-2.21*	-17.81*	
	[-2.62; -1.78]	[-19.23; -16.37]	
Space to Move Upward			-0.25*
			[-0.27; -0.24]
Intercept	7.16*	61.34*	0.09*
	[6.11; 8.19]	[58.41; 64.19]	[0.05; 0.12]
$\sigma_{district-year}$	0.72	2.49	0.00
	[0.61; 0.84]	[2.18; 2.83]	[0.00; 0.01]
σ_{party}	2.50	0.11	0.00
	[2.25; 2.79]	[0.00; 0.29]	[0.00; 0.01]
N of District-Year	161	161	161
N of Parties	210	210	210
N of Observations	7,585	7,585	7,585

Note: Table entries are unstandardized regression coefficients from multi-level linear models. 95% Credible Intervals in square brackets. * indicates that 0 is outside 95% credible interval.

Q Electoral System and Gender Quota Adoption

Table Q.1: Free List Proportional Representation - Adoption Year

Country	Year of Adoption
Ecuador	2002
Honduras	2005
El Salvador	2015

Sources: Crisp and Cunha Silva (2020).

Table Q.2: Gender Quotas - Adoption Year and Changes

Country	%	Placement Rule	Year of Adoption
Ecuador	20%	Every third candidate	1997
Ecuador	30%	Every third candidate	2000
Ecuador	35%	Every third candidate	2006
Ecuador	50%	Every other candidate	2009
Honduras	30%	None	2000
Honduras	40%	None	2013
Honduras	50%	Depend on M*	2017
El Salvador	35%	None	2013

Sources: Honduras: Decreto n.44-2004 and Decreto n.54-2012; El Salvador: (IDEA, 2019); Ecuador: (Organization of American States, 2019; Schwindt-Bayer, 2009). * if $M = \{3, 4, 5, 6\}$, every other candidate starting at the 3rd position; if $M = \{7, 8, 9\}$, every other candidate starting at the 4th position; and, if $M = \{20, 23\}$, every other candidate starting at the 5th position.

Table Q.3: Gender Quotas and Female Electoral Performance

Country	Year	Quota (%)	Placement Rule	Vote Share (Average)	Party Vote Share (Average)	Rank Change (Average)
ECU	2002	30	Every Third	1.419	19.933	-0.012
ECU	2006	35	Every Third	1.704	19.296	-0.004
ECU	2009	50	Every Other	2.257	20.819	0.053
ECU	2013	50	Every Other	2.036	20.784	0.007
ECU	2017	50	Every Other	1.655	21.729	-0.023
HON	2009	30	None	1.607	11.169	-0.053
HON	2013	40	None	1.085	10.135	-0.053
HON	2017	50	Depend on M*	0.934	10.296	-0.064
SLV	2015	30	None	1.411	8.849	-0.085
SLV	2018	30	None	1.489	11.038	-0.075

Sources: Variables are from the authors' dataset and only consider the districts where female candidates were not placed at the *Top Tier* automatically. Female candidates at the *Top Tier* were excluded. * if $M = \{3, 4, 5, 6\}$, every other candidate starting at the 3rd position; if $M = \{7, 8, 9\}$, every other candidate starting at the 4th position; and, if $M = \{20, 23\}$, every other candidate starting at the 5th position.

Table Q.4: Gender Quotas, Pre-Election Rank, Post-Election Rank, and % of Female in the Legislature

Country	Year	Quota (%)	Placement Rule	Gender	Pre-Election Rank (Average)	Post-Election Rank (Average)	In the Legislature (%)
ECU	2002	30	Every Third	Male	5.099	5.333	84
ECU	2002	30	Every Third	Female	5.403	5.083	16
ECU	2006	35	Every Third	Male	4.709	4.927	75
ECU	2006	35	Every Third	Female	6.348	6.103	25
ECU	2009	50	Every Other	Male	5.117	5.216	67.7
ECU	2009	50	Every Other	Female	5.692	5.581	32.3
ECU	2013	50	Every Other	Male	2.515	2.503	58.4
ECU	2013	50	Every Other	Female	2.840	2.855	41.6
ECU	2017	50	Every Other	Male	2.559	2.642	62
ECU	2017	50	Every Other	Female	2.833	2.734	38
HON	2009	30	None	Male	5.896	6.065	82
HON	2009	30	None	Female	6.634	6.280	18
HON	2013	40	None	Male	6.197	6.434	74.2
HON	2013	40	None	Female	7.173	6.854	25.8
HON	2017	50	Depend on M*	Male	5.953	6.300	78.9
HON	2017	50	Depend on M*	Female	7.269	6.849	21.1
SLV	2015	30	None	Male	5.887	6.405	72.6
SLV	2015	30	None	Female	6.844	5.990	27.4
SLV	2018	30	None	Male	6.033	6.498	69
SLV	2018	30	None	Female	6.785	6.131	31

Sources: In the Legislature (%) is from World Bank measured at the year after the election. Other variables are from the authors' dataset, considering all districts with $M \geq 3$. Table includes all candidates in these districts. Pre- and post-election ranks are measured in their levels, instead of the scaled version used in the body of the paper. * if $M = \{3, 4, 5, 6\}$, every other candidate starting at the 3rd position; if $M = \{7, 8, 9\}$, every other candidate starting at the 4th position; and, if $M = \{20, 23\}$, every other candidate starting at the 5th position.

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