Attacking Women or their Policies? Understanding Violence against Women in Politics

Gianmarco Daniele¹ Gemma Dipoppa² Massimo Pulejo¹ NBER Political Economy, October 20th, 2023

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Motivation

Women are still underrepresented in politics.

- 25% of parliamentary seats worldwide (IPU, 2023).
- Only a small percentage in executive government positions.

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Focus on a major material barrier to women participation: violence against female politicians.

Studies suggest that women are more often victims of political violence. (Håkansson, 2021; Krook, 2020; Krook and Sanin, 2021; Bardall et al., 2020; Serrano Oswald, 2022; Herrick et al., 2019).

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But:

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- 2. No knowledge on the motives behind attacks.
- 3. Nor on the effect of attacks on women political careers.

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 - ightarrow Combine rich set of data to identify the conditions under which the gap in violence emerges.
- 3. Effect of attacks on women political careers.
 - \rightarrow Measure the consequence of attacks.

Data

Data

Is there a Gender Gap in Violence?

Explaining Violence Against Women in Politics

Consequences of Violence

Appendix

Data on Violence against Politicians

We digitize the yearly reports by the NGO Avviso Pubblico \land N = 4,285 attacks to Italian public officials 2010-2021.

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- Already used by published research. (Daniele and Dipoppa, 2017)
- Representative: covers all politicians in Italy.
- Detailed: date, municipality, victim, type of attack, description of event.
- Includes both threats and violence. → Types → Targets
- Indicates when attacks are denounced by the victim(s) or confirmed by the police, allowing us to test for reporting bias.

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Data

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Explaining Violence Against Women in Politics

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Appendix

Close Elections RDD

$$Attacks_{i,t} = \tau_t + \phi_r + \theta X'_{i,t-1} + \beta FMayor_{i,t} + \gamma f(FMargin)_{i,t} + \lambda FMayor \times f(FMargin)_{i,t} + \epsilon_{i,t}$$

Local 1st order polynomial with data-driven bandwidth (Calonico et al., 2014) and robust, bias-corrected SEs.

Close Elections RDD

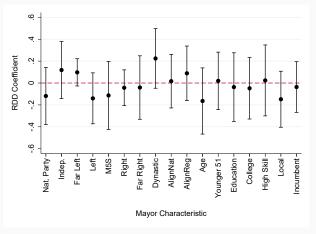
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Validity checks:

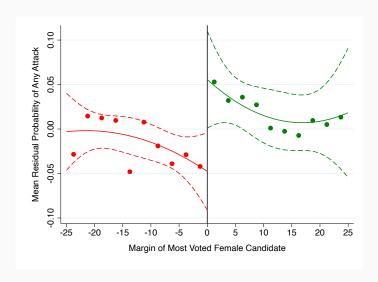
- 1. Tests of no-sorting assumption.
- 2. Balance of covariates at cutoff. ••••
- 3. Other characteristics of female mayors.

Female Mayors Not a Compound Treatment



Notes: Dependent variables are standardized.

Gender Gap in Violence



Female Mayors Are 3 Times As Likely to Be Attacked

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$							
Female Mayor .100*** (.036) .106*** (.034) .079*** (.030) .087*** (.027) .102*** (.038) .111*** (.034) Mean Depvar .057 .057 .045 .049 .058 .065 SD Depvar .233 .232 .198 .209 .255 .274 Region FEs Yes Yes Yes Yes Yes Yes Controls No Yes No Yes No Yes Bandwidth 18.62 18.72 17.56 19.00 17.55 19.47 Effective N 1,304 1,272 1,234 1,293 1,233 1,312 N Left 767 748 722 763 722 776		(1)	(2)	(3)	(4)	(5)	(6)
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N Right 537 524 512 530 511 536	N Left	767	748	722	763	722	776
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Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.

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Region FEs	Yes	geno	gender gap in politics			Yes
Controls	No	we	we would see $+324$			Yes
Bandwidth	18.62	more	more attacks (+46%)		17.55	19.47
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Placebo and Robustness Tests

- 1. Differential reporting. • •
- 2. Placebo with other victims. •••
- 3. Placebo with lag of attacks. ••••
- 4. Placebo with irrelevant cutoffs. Co
- 5. Robustness to bandwidth choice. ••••
- 6. Robustness to dependent variable in levels. •••
- 7. Excluding one region at a time. ••••
- 8. Excluding one election year at a time. ••••

Explaining Violence Against Women in Politics

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Explaining Violence Against Women in Politics

 Agency: Reaction against women's policies (Chattopadyay and Duflo, 2004; Alesina and La Ferrara, 2005; Pande and Ford, 2009) and behavior while in office (Brollo and Troiano, 2016; Baskaran and Hessami, 2019)

Explaining Violence Against Women in Politics

- Agency: Reaction against women's policies (Chattopadyay and Duflo, 2004; Alesina and La Ferrara, 2005; Pande and Ford, 2009) and behavior while in office (Brollo and Troiano, 2016; Baskaran and Hessami, 2019)
- Identity: Backlash against outgroup becoming empowered economically, demographically, or politically (Dugan and Chenoweth, 2020; Cikara et al., 2022; Zonszein and Grossman, 2022) .

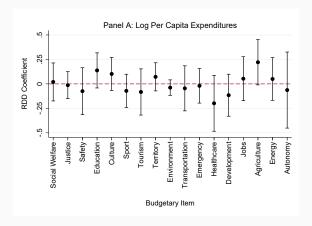
Explaining the Gender Differential in Attacks Agency?

Policymaking

- Collect data on expenditures of municipal governments.
- Test RDD for women election on spending choices.

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- Test RDD for women election on spending choices.
- Female mayors do not spend differently



Excluding Attacks w/ Policy Motivation

 Code whether attacks are driven by policy and exclude them from analyses.

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	(1)	(2)	(3)	(4)	(5)	(6)
	≥ 1 Attack		Ln(Attacks)		InvHSin(Attacks)	
Female Mayor (RDD coeff)	.099*** (.034)	.109*** (.033)	.078*** (.029)	.088*** (.027)	.100*** (.037)	.112*** (.035)
Mean Depvar	.054	.054	.045	.045	.058	.057
SD Depvar	.226	.226	.199	.199	.257	.255
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes
Controls	No	Yes	No	Yes	No	Yes
Bandwidth	17.19	16.82	16.77	16.78	16.74	16.91
Effective N	1,209	1,151	1,181	1,148	1,180	1,155
N Left	705	665	683	663	682	668
N Right	504	486	498	485	498	487

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.

Not Driven by Political Ideology

	(1)	(2)
	Left-Wing	Right-Wing
Female Mayor	.201***	.140**
(RDD coeff)	(.076)	(.060)
Mean Depvar	.111	.040
SD Depvar	.318	.197
Region FEs	Yes	Yes
Controls	No	Yes
Bandwidth	11.70	12.94
Effective N	105	187
N Left	45	124
N Right	60	63

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.

No Differential Corruption

- Using corruption charges. Results
- Using fishy procurement practices.
 - Bunching, Subcontracting, Non-negotiated procedures Results
- Effect not driven by mafia areas or mafia-perpetrated attacks.

▶ Not Driven by Criminal Attacks

Explaining the Gender Differential in Attacks **Identity?**

Identity-driven violence

Two opposing factors can explain identity-driven attacks:

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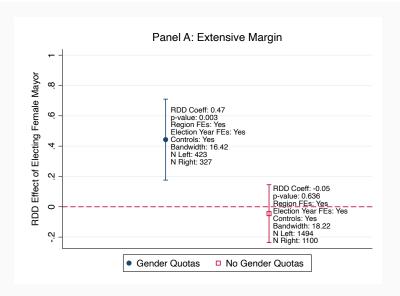
- Violence where gender equality is lowest.
 - Expectation: \(\gamma\) violence where restrictive gender norms.
 - \Rightarrow Not supported: same rate of attacks where
 - Voted against abortion and divorce Referenda
 - Low female labor force participation Female Labor

Identity-driven violence

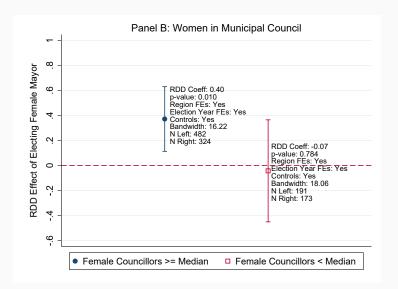
Two opposing factors can explain identity-driven attacks:

- Violence where gender equality is lowest.
 - Expectation: ↑ violence where restrictive gender norms.
 - ⇒ Not supported: same rate of attacks where
 - Voted against abortion and divorce Referenda
 - Low female labor force participation Female Labor
- Violence where women are most empowered.
 - Expectation:
 † violence where women are more empowered politically and occupy positions in office.

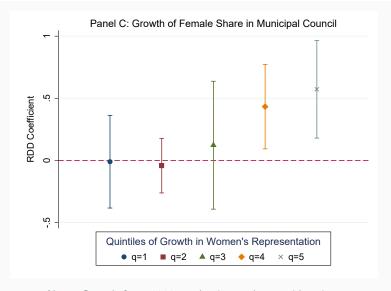
Driven by Municipalities with Gender Quotas



with More Women Elected in Council

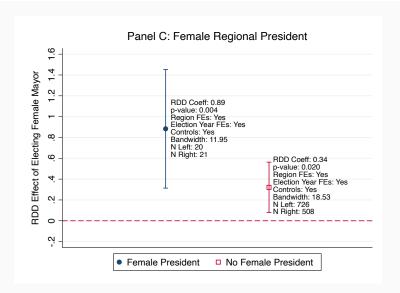


where Female Presence Has Been Growing



Note: Growth from 1993 to election under consideration.

where there is a Female Regional President



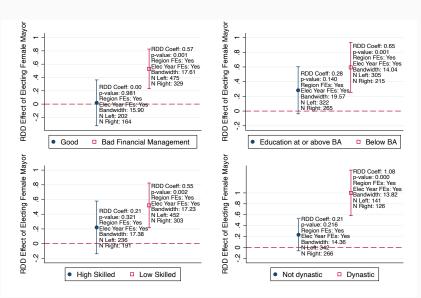
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- Female mayors have comparable qualities and performances.
- But they might face more hostility for the same low quality/performance as males.
- We use 4 measures: budget surplus (Carreri, 2021), education, skills, and political dynasty.

Bad Female Mayors Are Punished More than Bad Male Mayors



Recap

- (No) Women are not targeted based on their actions.
- (No) Violence is not explained by restrictive gender norms.
- (Yes) Backlash against a large and ↑ female presence in power.
- (Yes) Double standards in the judgement of women in power.

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Consequences of Violence

- On policymaking
- On political persistence
 - While in office resignation.
 - After term rerunning.

Effect of Attacks on Policymaking

Do women adjust their policies more after an attack?

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$$\textit{Policies}_{i,y,t} = \delta_{i \times t} + \rho_y + \psi \textit{PostAttack}_{i,y} + \gamma (\textit{PostAttack} * \textit{Female})_{i,y,t} + \epsilon_{i,y,t}$$

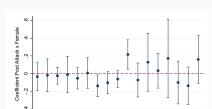
Effect of Attacks on Policymaking

Do women adjust their policies more after an attack?

Agriculture

ransportation Emergency Healthcare

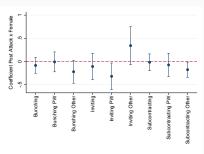
 $Policies_{i,y,t} = \delta_{i \times t} + \rho_y + \psi PostAttack_{i,y} + \gamma (PostAttack * Female)_{i,y,t} + \epsilon_{i,y,t}$



Fourism Ferritory

Expenditures

Corruption



▶ Null Effect on Resignations

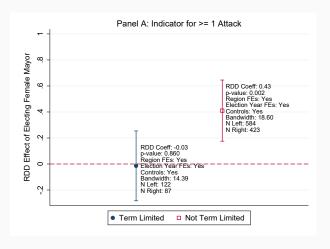
∃ducation

Effect of Attacks on Rerunning

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	(1)
	All Mayors
Female Mayor (RDD coeff)	.000 (.043)
Mean Depvar	.431
SD Depvar	.495
Region FEs	Yes
Controls	Yes
Bandwidth	22.67
Effective N	1,536

Notes: The sample only includes mayors not subject to term limits.

	(1)	(2)	
	All Mayors	Not Attacked	
Female Mayor (RDD coeff)	.000 (.043)	.039 (.051)	
Mean Depvar	.431	.440	
SD Depvar	.495	.497	
Region FEs	Yes	Yes	
Controls	Yes	Yes	
Bandwidth	22.67	16.95	
Effective N	1,536	1,093	

Notes: The sample only includes mayors not subject to term limits.

	(1)	(2)	(3)
	All Mayors	Not Attacked	Attacked
Female Mayor (RDD coeff)	.000 (.043)	.039 (.051)	487*** (.124)
Mean Depvar	.431	.440	.552
SD Depvar	.495	.497	.506
Region FEs	Yes	Yes	Yes
Controls	Yes	Yes	No
Bandwidth	22.67	16.95	12.95
Effective N	1,536	1,093	74

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If no attack took place, there would be zero gap in female selection out of office

Conclusions

- First causal evidence of a gender gap in violence against politicians.
- Logic behind attacks: identity (and not policy) motives.
 - ightarrow Violence as a tool to preserve men's hegemony over political power (Bardall et al., 2020).
- Consequences: discouraging women from rerunning.
 - \rightarrow Gender gap in violence \uparrow gender gap in representation.
 - \rightarrow Gap in selection *out* (not only into) politics.
- Targeted policies protecting women in politics are important for victims, representation, and democracy.

Thank You!

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Additional Results

- Types and targets
- McCrary
- Balance
- TWFE
- Other victims
- Lag Attacks
- Reporting bias
- Jackknife
- Public vs Private
- Sexist attacks
- Online attacks

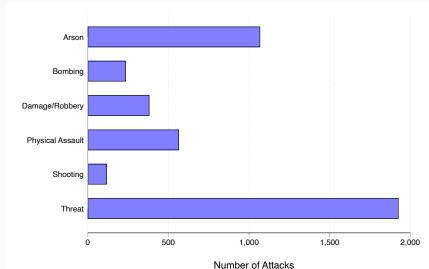
- Expenditures: Year 1
- Share Total
- Financial Performance
- Corruption
- Procurement
- Mafia
- Criminal Attacks
- Referenda
- Female Labor Force
- Resignations
- Previous Mayor

What is Avviso Pubblico?

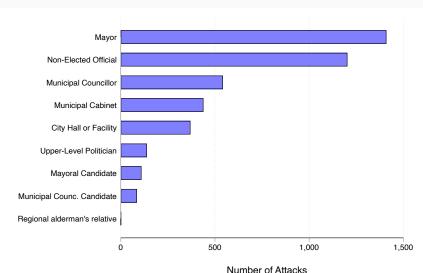
- An NGO, founded in 1996, aimed at improving lawfulness and transparency in public administration.
- Among other initiatives, it has hundreds of staff members daily checking offline and online newspapers for news on attacks to public administrators.
- While not coming from a governmental source, its reports have been used to inform policymaking in recent years.



Type of attacks • Back



Targets of attacks ▶ Back



Examples of Reports

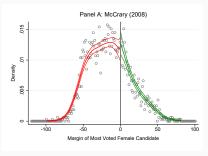
23 APRIL 2015 – CAPACI (Palermo) – A threatening letter was sent to the mailbox of Vicemayor Roberto Tarallo. The letter says "You are going to die" and "You will end up like the mayor of Partinico". Mr. Tarallo, when denouncing the episode to the authorities, hypothesized that the threat might refer to the issue of waste management in the municipality.

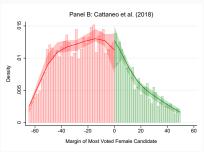
19 DECEMBER 2016 – CROSIA (Cosenza) Threat to the Public Works Aldermen, Mr. Saverio Capristo. His car, parked in front of his house, was set on fire during the night.

Note: Original reports in Italian, translation is our won.



Density Tests





Left: McCrary (2008). Right: Cattaneo et al. (2016).



Covariates Balance at Cutoff



Dependent Variable	β	(SE)	Dependent Variable	β	(SE)
Log Surface	191	(.224)	Anti-Women VS Referenda	017*	(.009
Log Longitude	.003	(.007)	Anti-Abortion VS	001	(.005
Log Latitude	001	(.001)	Abortion Restriction VS	025**	(.012
Log Elevation	070	(.146)	Anti-Divorce VS	025	(.016
Provincial Capital	019	(.022)	Mafia Dissolutions (Pre 2006)	003	(.013
Log Km from Reg. Capital	030	(.099)	Mafia Seizures (Pre 2006)	.070	(.053
Log Population	009	(.093)	Mafia Killings (Pre 2006)	.001	(.028
Pop. Above 10,000	.015	(.072)	Log Transcrime Index	004	(.013
Pop. Above 15,000	.006	(.060)	Mayor Independent (t-1)	016	(.088
Log Population Density	.127	(.134)	Mayor Far Left (t-1)	.058	(.060
Log Foreigners x 100 Inhab.	.016	(080.)	Mayor Far Right (t-1)	.019	(.034
Had SPRAR	026	(.031)	Mayor Left (t-1)	043	(.040
Average Age	.424	(.321)	Mayor Right (t-1)	.024	(.044
% High School	004	(.006)	Mayor Aligned Nat. (t-1)	033	(.033
% Unemployed	001	(.003)	Mayor Aligned Reg. (t-1)	063	(.057
% Youth Unemployed	001	(.009)	Mayor Nat. Party (t-1)	058	(.058
% Agriculture	003	(.007)	Mayor College (t-1)	094	(.060
% Industry	.001	(.011)	Mayor Local (t-1)	.083	(.070
N. of Candidates	020	(.231)	Mayor's Age (t-1)	604	(1.29
N. of Councillors	067	(.720)	Mayor's Education (t-1)	-0.252	(.005
Turnout National Election	.006	(.004)	Mayor High Skilled (t-1)	026	(.446
VS Center Right	.001	(.010)	Mayor Male (t-1)	.005	(.065

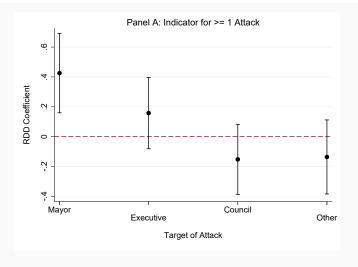
TWFE Results: Attacks to Mayor

	(1)	(2)	(3)	(4)	(5)	(6)
	≥ 1 Attack		Ln(Attacks)		InvHSin(Attacks)	
Female Mayor	.035***	.037***	.026***	.028***	.033**	.035***
	(.011)	(.011)	(.010)	(.010)	(.013)	(.013)
Mean Depvar	.088	.089	.074	.075	.096	.097
SD Depvar	.284	.285	.252	.254	.326	.328
Municipality FEs	Yes	Yes	Yes	Yes	Yes	Yes
Election-Year FEs	Yes	Yes	Yes	Yes	Yes	Yes
Controls	No	Yes	No	Yes	No	Yes
Observations	8,026	7,903	8,026	7,903	8,026	7,903

Controls: Log population, log population density, log foreign residents per 100 inhabitants, average age, % high-school educated, unemployment rate, % employed in agriculture, turnout and vote share of the right-wing coalition in the most recent parliamentary election.



Placebo with Other Victims



Notes: Dependent variables are standardized.



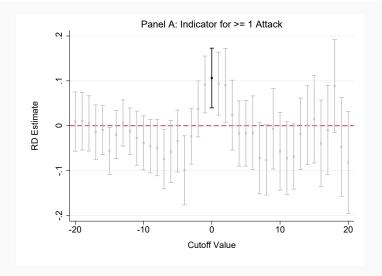
Placebo with Lag of Attacks

	(1)	(2)	(3)	(4)	(5)	(6)		
	≥ 1 Attack		Ln(At	tacks)	InvHSin	InvHSin(Attacks)		
Female Mayor	.000 (.032)	006 (.030)	012 (.027)	018 (.025)	016 (.035)	024 (.033)		
Mean Depvar	.076	.076	.063	.063	.082	.080		
SD Depvar	.265	.265	.236	.237	.306	.306		
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes		
Controls	No	Yes	No	Yes	No	Yes		
Bandwidth	22.73	23.00	19.60	18.70	19.47	18.55		
Effective N	1,479	1,456	1,303	1,231	1,297	1,225		
N Left	899	889	771	725	765	719		
N Right	580	567	532	506	532	506		

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.

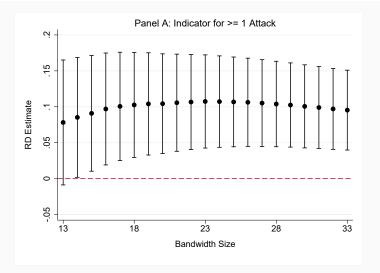


Placebo with Irrelevant Cutoffs





Robustness to Alternative Bandwidths





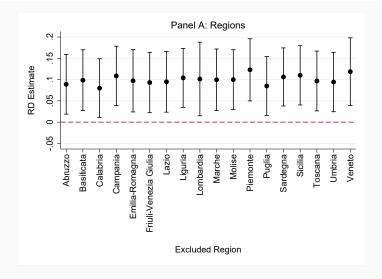
Robustness: MLE for Intensive Margin

	(1)	(2)	(3)	(4)	
	Poisson F	Regression	Negative Binomial		
Female Mayor	1.502*** (.441)	1.314*** (.379)	1.521*** (.413)	1.402*** (.379)	
SD Depvar	.198	.200	.169	.169	
Region FEs	Yes	Yes	Yes	Yes	
Controls	No	Yes	No	Yes	
Bandwidth	17.96	21.08	17.96	21.08	
Observations	1,163	1,328	1,163	1,163	

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.

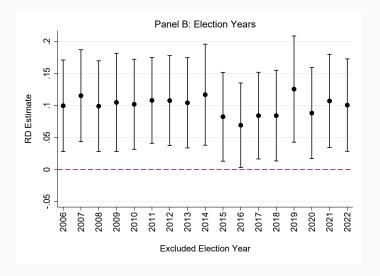
→ Back

Not Driven by Any Single Region





Not Driven by Any Single Year





Robustness: Excluding Attacks Denounced

	(1)	(2)	(3)	(4)	(5)	(6)	
	\geq 1 A	Attack	Ln(At	tacks)	InvHSin(InvHSin(Attacks)	
Female Mayor	.114*** (.034)	.122*** (.032)	.090*** (.028)	.098*** (.026)	.116*** (.036)	.126*** (.034)	
Mean Depvar	.048	.047	.037	.039	.048	.048	
SD Depvar	.214	.212	.178	.181	.230	.230	
Bandwidth	17.31	17.50	17.11	17.36	17.12	17.10	
Effective N	1,219	1,197	1,205	1,187	1,206	1,172	
N Left	711	699	702	692	703	682	
N Right	508	498	503	495	503	490	

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.

Robustness: Excluding Sexist Attacks

	(1)	(2)	(3)	(4)	(5)	(6)
	≥ 1 A	Attack	Ln(Att	acks +1)	InvHSin(Attacks)	
Female Mayor	.082**	.088***	.062**	.068***	.080**	.088***
	(.034)	(.033)	(.027)	(.026)	(.034)	(.033)
Mean Depvar	.047	.047	.037	.040	.047	.052
SD Depvar	.211	.212	.180	.191	.232	.247
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes
Election-Year FEs	Yes	Yes	Yes	Yes	Yes	Yes
Controls	No	Yes	No	Yes	No	Yes
Bandwidth	18.51	18.68	17.16	17.69	17.13	17.69
Effective N	1,296	1,271	1,207	1,210	1,206	1,210
N Left	760	748	704	709	703	709
N Right	536	523	503	501	503	501

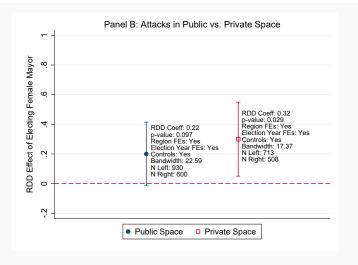


Robustness: Excluding Online Attacks

	(1)	(2)	(3)	(4)	(5)	(6)
	\geq 1 A	lttack	Ln(Attacks +1)		InvHSin(Attacks)	
Female Mayor	.080***	.085***	.062**	.069***	.080**	.089***
	(.031)	(.030)	(.025)	(.024)	(.033)	(.031)
Mean Depvar	.040	.041	.033	.032	.042	.042
SD Depvar	.196	.197	.164	.162	.211	.210
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes
Election-Year FEs	Yes	Yes	Yes	Yes	Yes	Yes
Controls	No	Yes	No	Yes	No	Yes
Bandwidth	18.14	18.26	17.67	18.06	17.68	18.31
Effective N	1,296	1,271	1,207	1,210	1,206	1,210
N Left	760	748	704	709	703	709
N Right	536	523	503	501	503	501



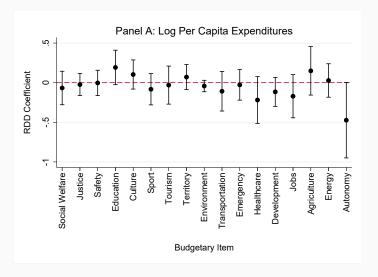
Public vs. Private Attacks



Notes: Dependent variables are standardized.

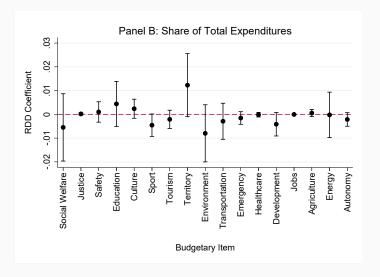


No Difference in Year 1





No Difference with Share Total Expenditures





No Difference in Financial Performance

	(1)	(2)	(3)	(4)	(5)	(6)
	Large E	xcess of	Log Lia	abilities	Dependency on	
	Budget	Surplus	Accum	nulated	External Finance	
Female Mayor	036	030	.006	.012	.022	.030
	(.053)	(.051)	(.020)	(.021)	(.018)	(.018)
Mean Depvar	.682	.678	.472	.467	.065	.067
SD Depvar	.466	.468	.163	.169	.107	.110
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes
Election-Year FEs	Yes	Yes	Yes	Yes	Yes	Yes
Controls	No	Yes	No	Yes	No	Yes
Bandwidth	16.98	18.73	22.44	16.76	17.03	14.53
Effective N	1,119	1,273	1,009	760	565	486
N Left	691	749	613	440	327	268
N Right	500	524	396	320	238	218



No Effect of Female Mayors on Corruption Charges

	(1)	(2)	(3)	(4)	(5)	(6)	
	Count of Corruption Charges			Charges per 1,000 Inhabitants		Charges per 1Mil EUR Spent	
Female Mayor	1.353* (.763)	1.130 (1.005)	014 (.019)	007 (.018)	003 (.003)	002 (.003)	
Mean Depvar SD Depvar	1.34 1.34	.924 .924	.056 .056	.055 .055	.009	.057 .057	
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes	
Controls	No	Yes	No	Yes	No	Yes	
Bandwidth Effective N	13.83 492	8.95 310	19.08 644	18.86 627	21.73 711	18.35 609	
N Left	274	154	382	373	430	362	
N Right	218	156	262	254	281	247	

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.



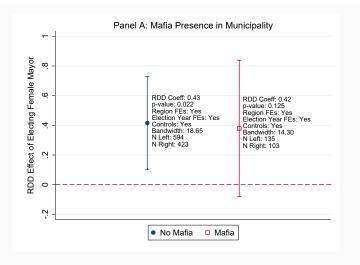
Little Effect of Female Mayors on Procurement Practices

	(1)	(2)	(3)	(4)	(5)	(6)
	Bunching of Contract Values		Log N. of Firms Invited		Probability of Subcontracting	
Female Mayor	.024* (.013)	.022 (.014)	013 (.097)	010 (.093)	032* (.018)	036** (.018)
Mean Depvar SD Depvar	020 .109	020 .111	1.68 .823	1.68 .818	.103 .154	.104 .152
Region FEs	Yes	Yes	Yes	Yes	Yes	Yes
Controls	No	Yes	No	Yes	No	Yes
Bandwidth	20.77	19.16	20.95	22.19	17.65	16.61
Effective N	1,416	1,293	1,206	1,239	1,192	1,096
N Left	848	763	721	746	695	626
N Right	568	530	485	493	497	470

Controls: Log surface, log longitude, log latitude, log elevation, log distance from regional capital, log population, log population density, log foreigners per 100 inhabitants, indicator for provincial capital, average age, % high school educated, unemployment rate, % employed in agriculture, mafia-presence index (2006), vote share in women related referenda, turnout and vote share of the right-wing coalition in the most recent parliamentary election.



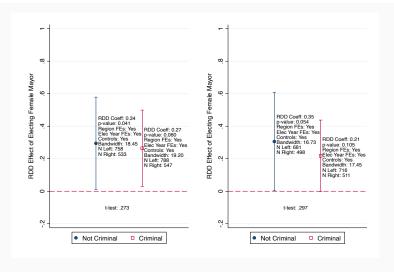
Not Driven by Mafia Affected Areas



Notes: Dependent variables are standardized.



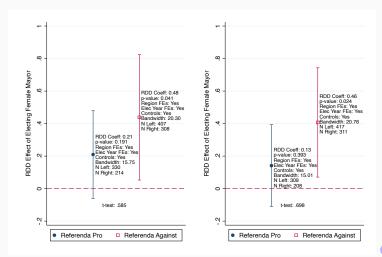
Not Driven by Criminal Attacks



Notes: Dependent variables are standardized.

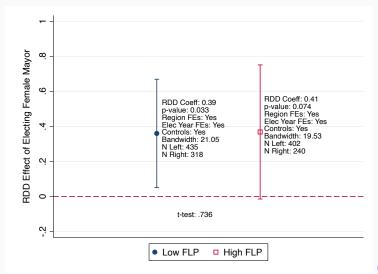


Voting in referenda for divorce and abortion



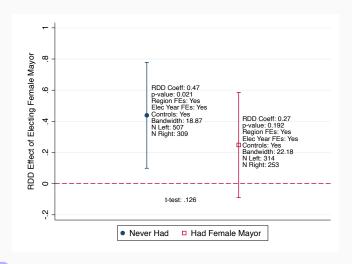
▶ Back

Female Labor Force Participation



→ Back

Had Previously Elected a Female Mayor





Effect on Resignations

Do women resign at higher rates after an attack?

