

Appendix

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Note: This Appendix includes all tables and figures from the original paper, Cooperman (2021). Exhibits are labelled as they appear in the original paper. Tables are made using the exact code from Cooperman (2021). Figures use the same data but are presented slightly differently.

Figure 2

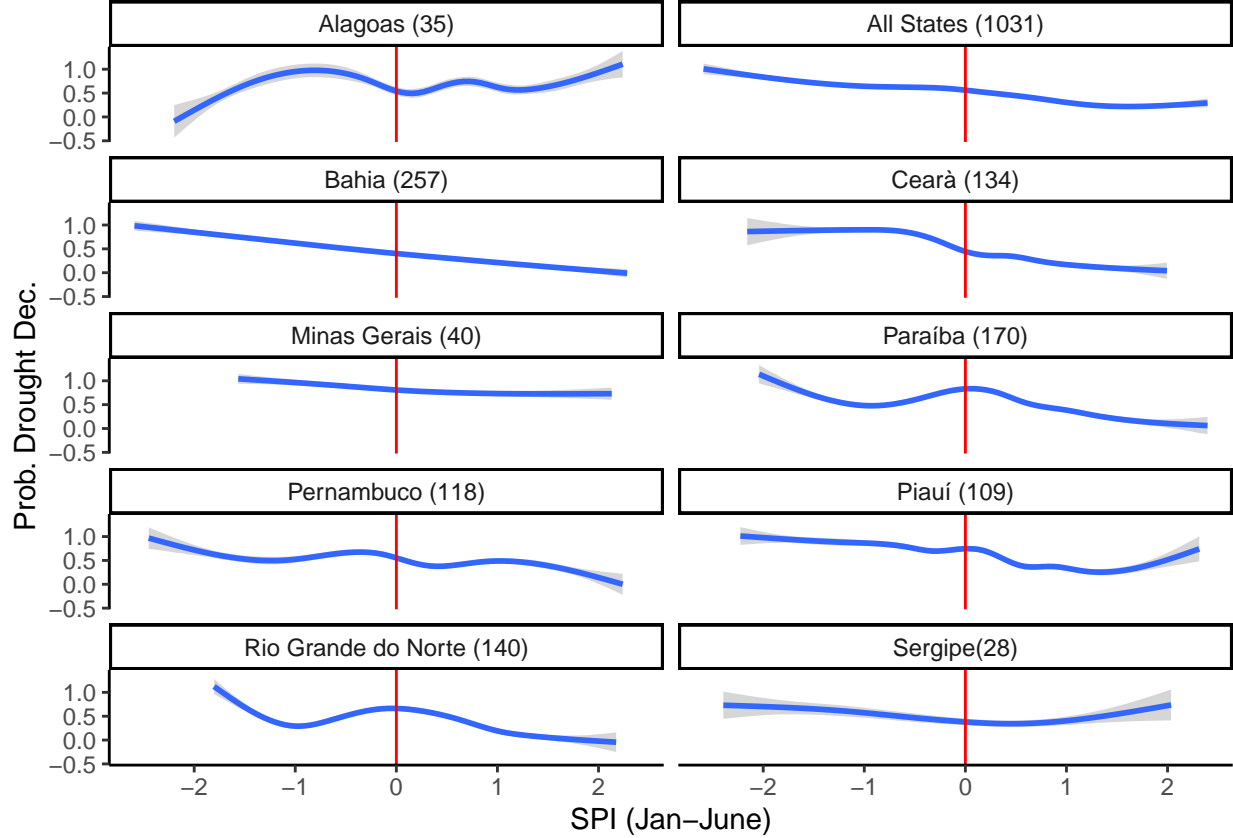


Figure 3

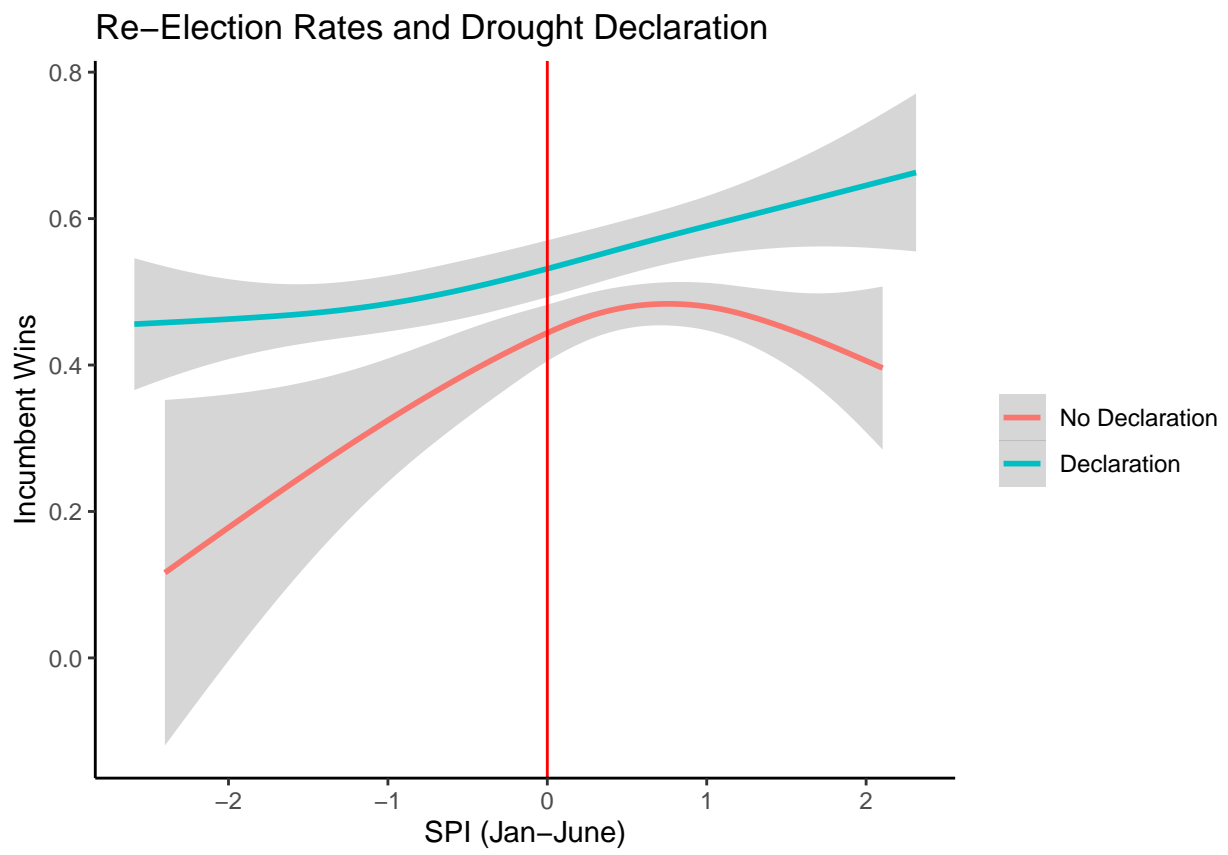


Table 1

	<i>Dependent variable:</i>		
	Drought Emergency Declared		
	(1)	(2)	(3)
Below Average Rainfall	0.288*** (0.052)	0.165*** (0.050)	0.198*** (0.062)
Mayor Election Year	0.043 (0.067)	-0.128** (0.059)	-0.113 (0.070)
State/Fed Election Year	0.006 (0.080)		0.028 (0.084)
Mayor Election * Below Ave. Rainfall		0.577*** (0.147)	0.528*** (0.163)
State/Fed Election * Below Ave. Rainfall			-0.108 (0.113)
Observations	14,054	14,054	14,054
R ²	0.267	0.307	0.308
Adjusted R ²	0.208	0.252	0.253
Residual Std. Error	0.445 (df = 13013)	0.432 (df = 13013)	0.432 (df = 13011)

Note:

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

Table 2

	<i>Dependent variable:</i>					
	Below Ave.	Below Ave.	Drought Above Ave.	Emergency Declared Above Ave.	Very High	Very High
	(1)	(2)	(3)	(4)	(5)	(6)
2nd Term Mayor	0.114*** (0.036)	0.099** (0.042)	−0.0001 (0.025)	0.013 (0.021)	−0.046 (0.029)	0.084** (0.043)
Mayor Election Year	0.295** (0.149)	0.275* (0.153)	−0.162** (0.065)	−0.148** (0.067)	−0.001 (0.080)	0.091 (0.079)
Mayor Election * 2nd Term Mayor		0.070 (0.090)		−0.045 (0.044)		−0.250*** (0.068)
Observations	5,528	5,528	8,526	8,526	2,436	2,436
R ²	0.316	0.317	0.354	0.354	0.551	0.561
Adjusted R ²	0.158	0.158	0.265	0.265	0.229	0.246
Residual Std. Error	0.439	0.438	0.417	0.417	0.380	0.375

Note:

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

Table 3

	<i>Dependent variable:</i>					
	Incumbent Runs			Incumbent Wins		
	(1)	(2)	(3)	(4)	(5)	(6)
Below Average Rainfall	−0.064*** (0.021)			−0.037* (0.022)		
Drought Declaration in Mayor Election Year		0.057** (0.025)			0.143*** (0.033)	
Drought Declaration in Last Two Years			0.045** (0.022)			0.060** (0.025)
Mayor's Vote Share in Previous Election	−0.029 (0.086)	−0.016 (0.090)	−0.012 (0.091)	0.334*** (0.094)	0.346*** (0.096)	0.351*** (0.098)
Copartisan President	0.060* (0.036)	0.057* (0.034)	0.058* (0.035)	0.040 (0.034)	0.034 (0.033)	0.037 (0.034)
Copartisan Governor	0.004 (0.025)	0.005 (0.024)	0.004 (0.024)	0.006 (0.024)	0.005 (0.022)	0.005 (0.023)
Observations	2,927	2,927	2,927	2,927	2,927	2,927
R ²	0.018	0.015	0.014	0.030	0.039	0.029
Adjusted R ²	0.011	0.009	0.008	0.024	0.033	0.023
Residual Std. Error	0.448	0.449	0.449	0.494	0.492	0.494

Note:

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

Table 4

	<i>Dependent variable:</i>			
	Drought Emergency Declared			
	(1)	(2)	(3)	(4)
Mayor Election Year	−0.111 (0.082)	0.069 (0.053)	0.038 (0.054)	0.022 (0.053)
PT	−0.001 (0.052)			
Copartisan Mayor President		0.111*** (0.033)		
Copartisan Mayor Governor			−0.0001 (0.025)	
Copartisan Mayor President Coalition				0.038* (0.021)
Mayor Elec. * PT	0.396*** (0.094)			
Mayor Elec. * Co. Mayor Pres.		−0.109 (0.068)		
Mayor Elect. * Co. Mayor Gov.			−0.053 (0.040)	
Mayor Elec. * Co. Mayor Pres. Coal.				0.007 (0.036)
Number of Municipalities	101	315	687	1014
Observations	1,383	4,318	9,386	13,818
R ²	0.340	0.336	0.305	0.306
Adjusted R ²	0.283	0.282	0.250	0.251
<i>Note:</i>		*p<0.1; **p<0.05; ***p<0.01		