

POL837 Research Paper

Appendix: Average marginal effects

Table 1: Average partial effects for baseline models in Table 3

	(1)	(2)	(3)	(4)
Min. temperature (°C)	0.004 (0.006)			0.006 (0.006)
Max. temperature (°C)		−0.010*** (0.004)		−0.011*** (0.004)
Avg. temperature (°C)			−0.005 (0.008)	
Precipitation (mm)				−0.001 (0.001)
N	14 118	14 118	14 118	14 118
AIC	18 302	18 297	18 302	18 297
RMSE	0.465	0.465	0.465	0.465

Note: Average partial effects for baseline models explaining presidential approval through daily weather variables and canton and interview date fixed effects. Standard errors shown in parentheses are clustered by canton. ***p<0.01, **p<0.05, *p<0.1.

Table 2: Average partial effects for models with controls in Table 4

	(1)	(2)	(3)	(4)
Min. temperature (°C)	0.002 (0.011)			0.003 (0.010)
Max. temperature (°C)		−0.021*** (0.008)		−0.022*** (0.007)
Avg. temperature (°C)			−0.021 (0.014)	
Precipitation (mm)				−0.001 (0.001)
Female	−0.025*** (0.011)	−0.025*** (0.011)	−0.025*** (0.011)	−0.025*** (0.011)
Age	0.001* (0.000)	0.001* (0.000)	0.001* (0.000)	0.001* (0.000)
Rural area	−0.009 (0.022)	−0.011 (0.023)	−0.010 (0.022)	−0.010 (0.023)
Primary education (ref. No education)	0.022 (0.067)	0.022 (0.065)	0.024 (0.066)	0.021 (0.066)
Secondary education	0.026 (0.067)	0.027 (0.066)	0.028 (0.066)	0.026 (0.066)
Higher education	0.013 (0.068)	0.013 (0.067)	0.014 (0.068)	0.012 (0.068)
Not in Labour Force	−0.013 (0.012)	−0.012 (0.012)	−0.012 (0.012)	−0.013 (0.012)
Unemployed	−0.034 (0.023)	−0.035 (0.023)	−0.034 (0.023)	−0.035 (0.023)
Perceived worse personal economy	−0.081*** (0.019)	−0.081*** (0.017)	−0.081*** (0.019)	−0.082*** (0.019)
Perceived worse country economy	−0.151*** (0.019)	−0.150*** (0.018)	−0.150*** (0.018)	−0.150*** (0.018)
Ideology score (0-10)	−0.010*** (0.003)	−0.010*** (0.004)	−0.010*** (0.004)	−0.010*** (0.003)
Supports democracy	0.081*** (0.019)	0.081*** (0.016)	0.081*** (0.020)	0.081*** (0.019)
Political pride score (0-7)	0.043*** (0.005)	0.043*** (0.005)	0.043*** (0.005)	0.043*** (0.005)
Perceives corruption	0.054*** (0.020)	0.055*** (0.017)	0.055*** (0.020)	0.055*** (0.020)
Tolerates bribes	−0.048***	−0.050***	−0.050***	−0.049***

	(0.019)	(0.018)	(0.019)	(0.019)
Trust in police score (0-7)	0.023***	0.023***	0.023***	0.023***
	(0.005)	(0.004)	(0.004)	(0.004)
Trust in local gov. (0-7)	0.011	0.011	0.012	0.011
	(0.009)	(0.009)	(0.009)	(0.009)
N	5855	5855	5855	5855
AIC	7194	7183	7189	7185
RMSE	0.443	0.442	0.443	0.442

Note: Average partial effects for models explaining presidential approval through daily weather variables, canton and interview date fixed effects, and political behaviour controls. Standard errors shown in parentheses are clustered by canton. ***p<0.01, **p<0.05, *p<0.1.

Table 3: Average partial effects for models with interaction terms in Table 5

	(1)	(2)	(3)	(4)
Min. temperature (°C)	0.006 (0.009)	0.003 (0.010)	0.001 (0.011)	0.002 (0.011)
Max. temperature (°C)	-0.020*** (0.008)	-0.022*** (0.008)	-0.018*** (0.009)	-0.019*** (0.009)
Precipitation (mm)	-0.002 (0.001)	-0.002 (0.001)	-0.002 (0.001)	-0.002 (0.001)
Female	-0.025*** (0.011)	-0.025*** (0.011)	-0.027*** (0.013)	-0.027*** (0.013)
Age	0.001* (0.000)	0.001* (0.000)	0.000 (0.000)	0.000 (0.000)
Rural area	-0.006 (0.023)	-0.011 (0.023)	-0.012 (0.026)	-0.011 (0.026)
Primary education (ref. No education)	0.022 (0.066)	0.020 (0.066)	-0.034 (0.073)	-0.030 (0.073)
Secondary education	0.027 (0.067)	0.024 (0.066)	-0.039 (0.074)	-0.036 (0.074)
Higher education	0.013 (0.068)	0.011 (0.068)	-0.053 (0.074)	-0.050 (0.074)
Not in Labour Force	-0.013 (0.012)	-0.013 (0.012)	-0.019 (0.013)	-0.019 (0.013)
Unemployed	-0.033 (0.023)	-0.035 (0.023)	-0.038 (0.024)	-0.039 (0.024)
Perceived worse personal economy	-0.082*** (0.019)	-0.082*** (0.019)	-0.083*** (0.021)	-0.084*** (0.022)
Perceived worse country economy	-0.148*** (0.017)	-0.150*** (0.016)	-0.161*** (0.024)	-0.158*** (0.023)
Ideology score (0-10)	-0.010*** (0.004)	-0.010*** (0.004)	-0.013*** (0.004)	-0.013*** (0.004)
Supports democracy	0.079*** (0.019)	0.081*** (0.019)	0.082*** (0.025)	0.081*** (0.024)
Political pride score (0-7)	0.043*** (0.005)	0.043*** (0.005)	0.043*** (0.008)	0.044*** (0.008)
Perceives corruption	0.054*** (0.020)	0.055*** (0.020)	0.064*** (0.027)	0.062*** (0.026)
Tolerates bribes	-0.050*** (0.020)	-0.049*** (0.019)	-0.053*** (0.020)	-0.053*** (0.021)
Trust in police score (0-7)	0.023***	0.023***		

	(0.004)	(0.004)		
Trust in local gov. (0-7)	0.011	0.012	0.014	0.014
	(0.009)	(0.009)	(0.010)	(0.010)
N	5855	5855	5205	5205
AIC	7182	7185	6375	6368
RMSE	0.442	0.442	0.444	0.444

Note: Average partial effects for models allowing for heterogeneous effects of temperature on presidential approval. Standard errors shown in parentheses are clustered by canton.

***p<0.01, **p<0.05, *p<0.1.