

Chapter 13: Web Appendix

Conclusion

Jefferey M. Sellers, Daniel Kübler, Alan Walks, Philippe Rochat and Melanie Walter-Rogg

Table WA.13.1: Regression results of voting for centre-left parties in metropolitan municipalities/communities

Fixed Effect	Linear model			With cross-level effects		
	B	t	p	B	t	p
Intercept	17.63	2.23	0.06	25.06	3.04	0.02
Country and metropolitan effects						
Left wins (country)	3.69	0.85	0.42	1.89	0.41	0.69
Right wins (country)	-17.72	-4.41	0.00	-19.56	-4.55	0.00
Post-communist (country)	-10.91	-2.22	0.06	-7.83	-1.50	0.17
Socio-spatial polarisation (metro)	-4.85	-1.43	0.15	-6.52	-1.89	0.06
Airport passengers/year (log) (metro)	-0.42	-2.18	0.03	-0.36	-1.85	0.07
Metropolitan population (log)(metro)	4.58	3.28	0.00	3.63	2.54	0.01
Metropolitan affluence (metro)	-5.08	-2.62	0.01	-6.44	-3.24	0.00
Municipal and crosslevel effects						
Urban concentrations	0.75	1.29	0.20	0.77	1.31	0.19
Affluent suburbs	-1.48	-3.49	0.00	-8.73	-5.59	0.00
Right wins (country)				7.39	9.92	0.00
Post-communist (country)				4.65	4.53	0.00
Socio-spatial polarisation (metro)				8.14	3.43	0.00
Airport passengers/year (log) (metro)				-0.56	-5.01	0.00
Metropolitan affluence (metro)				4.92	3.42	0.00
Low-density suburbs	-0.64	-2.25	0.03	-0.74	-2.52	0.01
Left wins (country)				-3.43	-4.30	0.00
Post-communist (country)				7.35	6.96	0.00
Municipal population (log)	2.15	7.61	0.00	2.11	7.51	0.00
Poor non-minority suburbs	0.92	3.19	0.00	5.36	5.33	0.00
Right wins (country)				-2.76	-4.79	0.00
Socio-spatial polarisation (metro)				-7.03	-3.85	0.00
Poor minority suburbs	2.33	2.97	0.00	-1.54	-0.27	0.79
Right wins (country)				-8.97	-6.46	0.00
Socio-spatial polarisation (metro)				-13.98	-3.23	0.00
Metropolitan population (log)(metro)				2.78	3.23	0.00
Greens' performance	0.04	0.95	0.34	-0.92	-2.81	0.01
Metropolitan population (metro)				0.14	2.44	0.02
Metropolitan affluence (metro)				0.38	2.05	0.04
Far-left performance	0.04	1.11	0.27	-0.19	-3.65	0.00
Post-communist (country)				-0.61	-4.90	0.00
Metropolitan affluence (metro)				0.56	5.07	0.00
Regional party performance	-0.46	-21.98	0.00	0.42	1.30	0.19
Right wins (country)				0.47	6.09	0.00
Metropolitan population (log)(metro)				-0.20	-3.43	0.00
Metropolitan affluence (metro)				0.34	3.25	0.00
Log likelihood		-39344			-39242	
Reliability: Level one		0.99			0.99	
Level two		0.82			0.84	

Variance explained		
Local	0.35	36%
Metropolitan	-0.02	-1%
National	0.76	73%
Total	0.49	47%
Deviance	78688	78482
Estimated parameters	64	84

Table WA.13.2: Regression results of voting for Greens and far-left parties in metropolitan municipalities/communities

	Greens			(Cross-level effects)			Far-left			(Cross-level effects)		
	B	t	p	B	t	p	B	t	p	B	t	p
Intercept	8.81	2.74	0.05	5.66	1.67	0.17	9.09	4.79	0.02	7.99	4.36	0.04
Country and metropolitan effects												
Left wins (country)	-1.05	-0.35	0.74	-1.22	-0.40	0.71	-5.27	-1.83	0.16	-4.93	-1.77	0.17
Right wins (country)	0.16	0.05	0.96	0.00	0.00	1.00	4.41	1.79	0.17	6.66	2.82	0.07
Third-wave democracies (country)	-1.80	-0.60	0.58	-2.11	-0.69	0.53						
Post-communist (country)							6.23	2.14	0.11	6.13	2.18	0.11
Airport passengers/year (metro)	0.06	1.46	0.15	0.04	0.82	0.42	-0.16	-2.04	0.04	-0.18	-2.15	0.03
Metropolitan population (log)(metro)	-0.78	-2.69	0.01	-0.21	-0.62	0.53						
Metropolitan affluence (metro)	1.64	3.33	0.00	2.07	4.11	0.00						
Poor non-minority concentrations (metro)							5.20	4.00	0.00	4.28	3.23	0.00
Poor minority concentrations (metro)							-1.06	-0.51	0.61	-1.24	-0.60	0.55
Municipal and cross-level effects												
Urban concentrations	0.75	3.38	0.00	-3.98	-1.61	0.11	-1.81	-4.47	0.00	-0.60	-1.01	0.32
Right wins (country)										-1.81	-2.24	0.03
Metropolitan population (log) (metro)				0.79	1.88	0.06						
Affluent suburbs	0.56	6.25	0.00	0.57	6.18	0.00	-2.63	-9.36	0.00	0.01	0.02	0.98
Right wins (country)										-4.39	-11.46	0.00
Low-density suburbs	-0.26	-3.32	0.00	-0.57	-4.31	0.00	-0.02	-0.09	0.93	0.27	0.89	0.38
Left wins (country)										1.11	2.49	0.01
Airport passengers/year (metro)				0.07	2.74	0.01				-0.10	-1.79	0.08
Municipal population (log)	0.10	1.17	0.25	0.04	0.46	0.65	0.68	3.55	0.00	2.12	4.70	0.00
Left wins (country)				1.15	3.88	0.00						
Right wins (country)										-0.77	-1.93	0.06
Post-communist (country)										-2.32	-3.89	0.00
Airport passengers/year (metro)										-0.19	-3.55	0.00
	Greens			(Cross-level effects)			Far left			(Cross-level effects)		
	B	t	p	B	t	p	B	t	p	B	t	p
Poor non-minority suburbs	-0.54	-6.43	0.00	-0.55	-6.72	0.00	1.01	5.01	0.00	1.78	5.00	0.00

Airport passengers/year (metro)										-0.15	-2.25	0.03
Poor minority suburbs	-0.51	-3.71	0.00	-5.15	-4.37	0.00	0.95	2.79	0.01	1.18	3.00	0.00
Metropolitan population (metro)				0.74	3.95	0.00						
Greens performance							-0.01	-0.16	0.88	-0.13	-1.89	0.06
Airport passengers/year (metro)										0.03	2.14	0.03
Far left performance	0.01	0.76	0.45	1.47	4.53	0.00						
Right wins (country)				-1.49	-4.59	0.00						
Third-wave democracies (country)				-1.54	-4.70	0.00						
Metropolitan affluence (metro)				0.07	1.76	0.08						
Regional party performance	0.00	-0.08	0.94				-0.08	-3.36	0.00	-0.06	-2.59	0.01
Centre- left performance	0.02	2.84	0.01	-0.09	-1.01	0.32	-0.01	-0.42	0.68	-0.20	-5.18	0.00
Left wins (country)				-0.18	-3.77	0.00						
Right wins (country)				-0.13	-2.88	0.01				0.14	4.54	0.00
Third-wave democracies (country)				-0.12	-2.06	0.04						
Poor nonminority concentrations (metro)										-0.17	-2.04	0.04
Metropolitan population (log) (metro)				0.04	2.74	0.01						
Metropolitan affluence (metro)				0.07	1.94	0.06				0.31	5.28	0.00
Log likelihood		-19907			-19863			-27318				-27336
Reliability: Level one		0.96			0.96			0.98				0.97
Level two		0.95			0.95			0.88				0.87
Variance explained												
Local		8%			8%			17%				15%
Metropolitan		13%			17%			5%				21%
National		27%			20%			76%				78%
Total		19%			16%			45%				48%
Deviance		39814			39727			54637				54672
Estimated parameters		61			74			63				58

Table WA.13.3: Regression results of voting for centre-right parties in metropolitan municipalities/communities

Fixed Effect	Linear model			With cross-level effects		
	B	t	p	B	t	p
Intercept	62.64	6.15	0.00	36.65	4.26	0.00
Country and metropolitan level variables						
Left wins (country)	-5.79	-0.85	0.42	-2.03	-0.31	0.77
Right wins (country)	-10.29	-1.62	0.14	-9.20	-1.50	0.17
Post-communist (country)	1.75	0.23	0.83	0.72	0.10	0.93
Socio-spatial polarisation (metro)	-11.11	-2.54	0.01	-8.34	-2.16	0.03
Airport passengers/year (log) (metro)	0.31	1.25	0.22	0.35	1.59	0.11
Metropolitan population (log) (metro)	-3.82	-2.20	0.03	-0.12	-0.08	0.94
Metropolitan affluence (metro)	0.92	0.38	0.71	4.78	1.85	0.07
Municipal and cross-level variables						
Urban concentrations	-0.39	-0.61	0.54	41.36	6.56	0.00
Left wins (country)				-5.55	-4.82	0.00
Metropolitan population (log)(metro)				-6.90	-6.40	0.00
Affluent suburbs	3.22	8.45	0.00	2.71	3.71	0.00
Post-communist (country)				-5.24	-4.80	0.00
Airport passengers/year (log) (metro)				0.26	2.21	0.03
Low-density suburbs	0.84	3.05	0.00	-9.28	-3.94	0.00
Left wins (country)				3.50	4.16	0.00
Post-communist (country)				-4.05	-3.63	0.00
Metropolitan population (log)(metro)				1.38	3.39	0.00
Metropolitan affluence (metro)				4.29	3.71	0.00
Municipal population	-1.60	-5.83	0.00	-0.28	-0.57	0.57
Metropolitan affluence (metro)				-2.54	-2.69	0.01
Poor nonminority suburbs	-1.19	-3.97	0.00	-1.80	-5.64	0.00
Left wins (country)				1.62	2.04	0.04
Poor minority suburbs	-2.77	-4.45	0.00	13.12	2.14	0.03
Right wins (country)				7.51	5.64	0.00
Metropolitan population (log)(metro)				-3.79	-4.11	0.00
Market liberal performance	0.22	4.30	0.00	-0.23	-1.66	0.10
Right wins (country)				0.57	4.51	0.00
Post-communist (country)				-0.64	-3.24	0.00
Airport passengers/year (log) (metro)				0.03	1.81	0.07
Far right performance	-0.40	-12.80	0.00	-0.29	-5.20	0.00
Left wins (country)				1.56	3.53	0.00
Post-communist (country)				-0.83	-1.97	0.05
Metropolitan affluence (metro)				0.28	-2.52	0.01
Regional party performance	-0.41	-8.74	0.00	-1.57	-3.62	0.00
Left wins (country)				0.30	2.82	0.01
Right wins (country)				0.28	2.88	0.01
Metropolitan population (metro)				0.20	2.71	0.01
Log likelihood		-41056			-40942	
Reliability: Level one		0.99			0.99	
Level two		0.89			0.88	
Variance explained						
Local		35%			35%	
Metropolitan		-9%			-8%	
National		12%			29%	
Total		10%			18%	
Deviance		82112			81884	
Estimated parameters		74			91	

Table WA.13.4: Regression results of voting for far-right parties and liberal market parties in metropolitan municipalities/communities

	Far right			(Crosslevel effects)			(With diversity)			Market liberal			(Crosslevel effects)		
	B	t	p	B	t	p	B	t	p	B	t	p	B	t	p
Intercept	13.73	6.46	0.00	14.00	6.81	0.00	13.10	8.82	0.00	20.30	2.54	0.04	20.39	2.67	0.04
Country and metropolitan effects															
Left wins (country)	-0.21	-0.09	0.93	-0.12	-0.05	0.96				-8.95	-1.08	0.32	-8.51	-1.07	0.33
Right wins (country)	2.89	1.41	0.29	2.80	1.42	0.29	3.35	2.62	0.09	-12.13	-1.40	0.21	-11.97	-1.45	0.20
Ethnic diversity (country)							3.92	0.69	0.56						
Third-wave democracies (country)										-1.99	-0.34	0.75	-4.94	-0.87	0.42
Airport passengers/year (metro)	0.27	1.81	0.07	0.23	1.57	0.12	0.24	1.63	0.11	0.16	2.40	0.02	0.15	2.03	0.04
Metropolitan affluence (country)										1.30	1.42	0.16	1.31	1.39	0.17
Poor non-minority concentrations (metro)	8.57	3.91	0.00	8.11	3.76	0.00	8.08	3.78	0.00						
Poor minority concentrations (metro)	13.20	3.83	0.00	13.03	3.72	0.00	12.31	3.51	0.00						
Municipal and cross-level effects															
Urban concentrations	-1.46	-2.39	0.02	-1.10	-1.72	0.09	-1.06	-1.66	0.10	0.14	0.39	0.70	-1.17	-2.24	0.03
Third-wave democracies (country)													3.98	3.92	0.00
Airport passengers/year (metro)													0.15	1.69	0.09
Poor minority concentrations (metro)				-9.22	-1.81	0.07	-8.97	-1.77	0.08						
Affluent suburbs	-1.74	-5.88	0.00	0.35	0.56	0.58	0.34	0.54	0.59	1.28	6.13	0.00	0.31	0.83	0.41
Right wins (country)				-2.86	-4.25	0.00	-2.84	-4.25	0.00						
Third wave democracies (country)													1.22	2.27	0.03
Airport passengers/year (metro)													0.18	3.01	0.00
Low-density suburbs	-0.19	-0.85	0.40	0.40	1.84	0.07	0.41	1.87	0.06	-0.40	-4.05	0.00	-0.32	-3.32	0.00
Left wins (country)				-2.26	-2.95	0.01	-2.30	-2.99	0.00						
Third-wave democracies (country)													-1.01	-2.89	0.01
Poor minority concentrations (metro)				-6.52	-3.11	0.00	-6.91	-3.24	0.00						
Municipal population (log)	-0.14	-0.58	0.56	-0.91	-3.70	0.00	-0.36	-0.91	0.37	0.02	0.19	0.85	-0.17	-1.47	0.14
Third-wave democracies (country)													1.50	3.14	0.00
Ethnic diversity (country)							-4.53	-1.72	0.09						
Poor non-minority concentrations (metro)				2.68	3.33	0.00	2.50	3.11	0.00						

Poor minority concentrations															
(metro)															
Far-right			6.80 3.79 0.00			6.56 3.66 0.00			Market liberal			(Cross-level effects)			
			(Cross-level effects)			(With diversity)									
B	t	p	B	t	p	B	t	p	B	t	p	B	t	p	
Poor non-minority suburbs	0.60	2.38	0.02	0.56	2.20	0.03	0.57	2.25	0.03	-0.61	-4.71	0.00	-0.97	-3.95	0.00
Right wins (country)													0.46	1.76	0.08
Poor minority suburbs	1.39	2.88	0.01	-1.04	-2.22	0.03	2.39	1.36	0.18	-1.08	-2.15	0.03	-0.96	-1.89	0.06
Ethnic diversity (country)							-33.53	-2.08	0.04						
Poor non-minority concentrations															
(metro)															
Market liberal performance	-0.18	-5.15	0.00	-0.19	-5.41	0.00	-0.20	-5.71	0.00						
Far-right performance										-0.04	-2.23	0.03	-0.06	-3.13	0.00
Regional party performance	-0.25	-6.84	0.00	-0.29	-7.74	0.00	-0.26	-4.76	0.00	-0.23	-4.78	0.00	-0.53	-5.45	0.00
Metropolitan affluence (country)													0.91	3.36	0.00
Centre- right performance	-0.22	-10.91	0.00	-0.22	-10.80	0.00	-0.22	-10.96	0.00	0.00	-0.19	0.85	0.00	0.02	0.99
Log likelihood		-24184			-24153			-24150			-22990			-22954	
Reliability: Level one		0.99			0.99			0.99			0.99			0.99	
Level two		0.00			0.00			0.00			0.98			0.97	
Variance explained															
Local		31%			31%			31%			31%			31%	
Metropolitan		13%			11%			14%			-19%			-18%	
National		100%			100%			100%			36%			42%	
Total		45%			45%			46%			30%			35%	
Deviance		48368			48306			48300			45980			45907	
Estimated parameters		72			79			81			72			80	