Battling for the Hearts and Minds of Latin Americans:
Covariance of Attitudes towards the United States and China
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On-line appendix: Alternative Models

Table A1. Fixed Effects: logit and ologit

	Trust of US Government		Trust of Chinese Government		Positive Influence of US		Positive Influence of China	
	Coef.	Z	Coef.	z	Coef.	z	Coef.	z
Ideology	0.08	5.26	-0.02	-1.24	0.08	5.45	-0.01	-0.3
State Reduce inequality	-0.01	-0.23	0.04	2.23	-0.06	-2.98	0.02	0.83
ALBA Country	-0.20	-4.17	0.63	14.69	-0.51	-10.24	-0.32	-5.56
Support for Democracy	0.03	1.76	0.03	3.17	0.03	1.51	0.02	1.04
Tolerate demonstrations	0.00	-0.05	0.00	-0.21	-0.02	-1.43	-0.01	-0.99
Favored Model is US	0.95	9.49	-0.06	-0.76	1.00	13.63	0.03	0.34
Favored Model is China	0.18	2.08	0.99	8.48	0.18	1.77	0.98	8.51
Growth vs Environment	0.08	2.64	0.03	0.87	0.15	6.34	0.10	3.36
High trade with China	-0.80	-2.95	-1.95	-3.23	-0.54	-3.26	-0.53	-18.62
High trade with US	0.24	0.87	-1.37	-2.28	1.33	8.1	0.26	10.48
Urban	-0.21	-3.47	-0.15	-3.46	-0.02	-0.39	-0.05	-1.02
Age	0.00	1.83	-0.00	-2.46	0.00	-1.58	-0.01	-3.93
Household income	0.01	1.18	0.01	1.33	0.00	-0.48	-0.01	-0.73
Education	0.02	2.24	0.02	2.78	-0.01	-1.29	0.01	1.04
Mexico	-1.11	-23.87	-0.31	-10.02	-2.32	-47.86	-1.33	-38.45
Guatemala	-0.74	-2.61	-1.42	-2.36	-0.42	-2.6	-0.20	-4.91
El Salvador	-0.05	-0.2	-1.23	-2.05	0.52	3.3	0.29	13.23
Honduras	-0.40	-10.65	0.64	15.87	-1.26	-28.97	0.22	5
Nicaragua	-0.87	-13.3	-0.34	-5.51	-0.88	-12.85	0.79	9.32
Costa Rica	0.14	0.52	-0.97	-1.62	-0.06	-0.4	-0.45	-23.34
Panama	0.80	2.93	-0.60	-1	0.90	5.78	0.31	9.8
Colombia	-0.09	-0.33	-1.32	-2.19	-0.30	-1.84	-0.58	-18.66
Ecuador	-0.95	-3.38	-1.64	-2.7	-0.12	-0.65	0.23	3.19
Bolivia	-1.17	-4.23	-2.07	-3.39	-0.64	-3.57	-0.27	-3.22
Peru	0.21	8.57	0.29	15.51	0.37	13.38	0.18	7.93
Paraguay	-0.37	-1.4	-0.80	-1.34	-0.29	-1.79	0.30	7.82
Chile	0.33	9.55	0.96	41.63	-0.03	-0.97	0.22	6
Uruguay	0.14	3.38	0.77	22.86	-0.11	-2.97	0.58	14.65
Brazil								
Venezuela								
Argentina	-1.72	-6.33	-1.67	-2.77	-1.82	-10.99	-0.82	-19.47
Dominican Rep.	0.28	1.04	-0.85	-1.41	0.20	1.25	0.48	11.69
Haiti								

Constant	-0.28	-0.87	0.80	1.24				
/cut1						-1.67		-1.87
/cut2						-0.76		-0.94
Number of obs	19,271		16,612		18,524		16,475	
Pseudo R2 =	.11		0.06		0.09		0.04	

Table A2. Fixed Effects: mlogit

	Best Dev Model is US		Best Dev Model is China	
	Coef.	z	Coef.	z
Ideology	0.06	4.16	0.00	0.18
State Reduce inequality	-0.01	-0.38	0.02	1.04
ALBA Country	0.37	8.05	1.23	21.65
Support for Democracy	-0.01	-0.81	-0.01	-0.48
Tolerate demonstrations	-0.02	-1.42	-0.01	-0.78
Growth vs Environment	0.10	3.55	0.06	2.4
High trade with China	-0.55	-3.8	-1.28	-2.92
High trade with US	0.12	0.88	-1.32	-2.92
Urban	0.03	0.53	-0.16	-2.03
Age	-0.01	-3.67	0.00	-0.62
Household income	-0.02	-3.58	-0.02	-2.63
Education	-0.06	-7.17	0.00	-0.09
Mexico	-0.38	-14.28	0.46	11.79
Guatemala	-0.70	-4.96	-1.11	-2.39
El Salvador	-0.07	-0.55	-1.46	-3.27
Honduras	-0.03	-0.75	0.95	26.42
Nicaragua	-1.35	-27.01	-1.02	-15.7
Costa Rica	0.13	0.94	0.06	0.13
Panama	0.24	1.77	-0.83	-1.79
Colombia	-0.55	-3.95	-1.39	-3.15
Ecuador	-1.06	-6.64	-1.68	-3.67
Bolivia	-1.97	-12.4	-2.08	-4.5
Peru	-0.20	-8.66	0.49	15.73
Paraguay	-1.16	-8.15	-1.61	-3.55
Chile	0.14	3.95	0.38	8.2
Uruguay	-0.80	-25.69	-0.21	-4.55
Brazil				
Venezuela				
Argentina	-1.23	-8.8	-1.50	-3.47
Dominican Rep.	0.42	2.87	-0.90	-2.02
Haiti				
Constant	1.08	3.32	0.03	0.05
Number of obs	18,524			
Pseudo R2 =	0.06			

Table A3. Mixed Effects: logit and ologit

	Trust of US Government		Trust of Chinese Government		Positive Influence of US		Positive Influence of China	
	Coef.	z	Coef.	z	Coef.	z	Coef.	z
Ideology	0.08	5.01	-0.02	-1.08	0.08	5.69	-0.01	-0.67
State Reduce inequality	-0.01	-0.34	0.04	2.38	-0.06	-2.95	0.02	1.07
ALBA Country	-0.80	-4.13	-0.22	-0.69	-0.59	-2.57	-0.07	-0.29
Support for Democracy	0.03	1.88	0.03	2.93	0.03	1.37	0.02	1.13
Tolerate demonstrations	0.00	-0.21	0.00	0.05	-0.02	-1.34	-0.01	-0.93
Favored Model is US	0.95	9.46	-0.05	-0.72	1.01	13.78	0.01	0.17
Favored Model is China	0.15	1.89	1.02	8.82	0.19	1.9	0.96	8.25
Growth vs Environment	0.08	2.59	0.03	0.89	0.15	6.34	0.10	3.33
High trade with China	-0.33	-1.64	-0.67	-1.48	-0.32	-1.62	-0.28	-1.64
High trade with US	0.01	0.02	-0.45	-1	0.38	0.8	0.21	0.57
Urban	-0.20	-3.31	-0.16	-3.78	-0.02	-0.42	-0.08	-1.71
Age	0.00	1.8	0.00	-2.34	0.00	-1.51	-0.01	-4.18
Household income	0.01	1.48	0.01	1.17	-0.01	-0.64	0.00	-0.53
Education	0.02	2.16	0.02	3.04	-0.01	-1.17	0.01	0.64
Constant	-0.47	-1.8	0.06	0.11				
Country var(_cons)	0.25		0.78		0.36		0.18	
/cut1					-1.51		-1.81	
/cut2					-0.59		-.87	
Number of obs	19,271		16,612		18,524		17,543	
Log pseudolikelihood	-10880.88		-10152.10		-13586.93		-13413.63	

Table A4. Mixed Effects: mlogit

	Best Dev Model is US		Best Dev Model is China	
	Coef.	z	Coef.	z
Ideology	0.06	9.44	-0.01	-0.75
State Reduce inequality	-0.01	-1.30	0.02	1.32
ALBA Country	0.00		0.00	
Support for Democracy	-0.01	-0.70	0.00	0.00
Tolerate demonstrations	-0.01	-1.80	-0.01	-1.26
Growth vs Environment	0.09	4.26	0.05	1.80
High trade with China	0.00		0.00	
High trade with US	0.00		0.00	
Urban	0.03	0.87	-0.16	-3.08
Age	-0.01	-6.99	0.00	-0.56
Household income	-0.02	-4.13	-0.02	-2.99
Education	-0.05	-10.53	0.00	-0.06
Mexico				
Guatemala	-0.38	-3.48	0.15	-1.62
El Salvador	0.21	2.10	0.16	-3.85
Honduras	0.37	3.60	0.14	3.44
Nicaragua	-0.56	-5.34	0.14	-1.90
Costa Rica	0.39	3.56	0.14	6.59
Panama	0.43	4.26	0.14	-0.18
Colombia	-0.35	-3.42	0.15	-3.83
Ecuador	-0.60	-5.32	0.13	2.78
Bolivia	-1.43	-12.07	0.13	-0.41
Peru	-0.46	-4.11	0.14	0.12
Paraguay	-0.91	-7.61	0.17	-4.80
Chile	-0.20	-1.53	0.18	-0.89
Uruguay	-1.12	-10.08	0.14	-4.66
Brazil	-0.29	-2.81	0.15	-2.96
Venezuela	-0.29	-2.71	0.14	3.71
Argentina	-1.04	-7.79	0.17	-3.71
Dominican Rep.	0.68	6.71	0.15	-0.31
Haiti	0.28	2.65	0.16	-3.15
Jamaica	0.46	3.85	0.14	10.44
Belize	.07	0.68	0.15	0.34
Constant	0.71	5.46	-0.91	-5.42
Number of obs	20,480			
Log pseudolikelihood	-18390.312			

Table A5. Substantive Impacts using Fixed Effects Model

	US Gov't Trust*	China Gov't Trust*	US Influence Positive*	China Influence Positive*	US Best Model	China Best Model
			Ideology			
Left (1)	.30	.72	.13	.37	.22	.43
Right (10)	.48	.69	.23	.36	.32	.38
		Cultural Ties				
Best is US	.60	.71	.35	.37		
Best is not US	.37	.70	.17	.37		
Best is China	.42	.86	.19	.61		
Best is not China	.37	.71	.17	.37		

*results excluded for country-level variables