The Contagion of Foreign Policy Convergence: Spatiotemporal Dynamics of Chinese Leadership Visits

Supplementary Materials

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Additional Tables and Figures

Table A1. Descriptive Statistics of Variables

Statistic	N	Mean	St. Dev.	Min	Max
Distance in Ideal Points(logged)	6,184	0.5398	0.3751	0.0001	1.7380
Agreement with China	6,184	0.8478	0.1295	0.0000	1.0000
Chinese State Visits	6,184	0.0815	0.2875	0	4
Ln(Population)	6,184	2.1989	1.3238	0.0400	7.1550
Ln(GDP per Capita)	6,184	8.6840	1.1752	4.9656	12.2721
Trade Dependence	6,184	0.1952	0.5064	0.0016	18.4581
Electoral Democracy Index	6,184	0.4590	0.2758	0.0120	0.9190
Capability Ratio	6,184	0.0261	0.0626	0.000001	0.6082
Years of Diplomatic Relations	6,184	21.7236	16.6591	0	64
Change in Source of Leader Support	6,184	0.0737	0.2614	0	1
Polity IV Scores	6,184	1.7635	6.8821	−10.0000	10.0000
US Presidential Visits	6,184	0.0634	0.2437	0	1

Table A2. Robustness Check: The Impact of Chinese Leadership Visits on Foreign Policy Convergence

	DV: Distance in Ideal Points		DV: Agreement with China	
	Model1:SEM	Model2:SAC	Model3:SEM	Model4:SAC
Temporal Lagged DV	0.6445***	0.6420***	0.4638***	0.4563***
	(0.0095)	(0.0096)	(0.0108)	(0.0109)
Chinese State Visits	−0.0256***	−0.0257***	0.0037*	0.0035*
	(0.0064)	(0.0064)	(0.0020)	(0.0020)
Spatial Lag Parameter: ρ		0.0950***		0.1864***
		(0.0245)		(0.0254)
Spatial Error Parameter: λ	0.3035***	0.2152***	0.3294***	0.1409***
	(0.0172)	(0.0291)	(0.0168)	(0.0329)
Ln(Population)	−0.0347**	−0.0315**	0.0046	0.0032
	(0.0141)	(0.0138)	(0.0043)	(0.0041)
Ln(GDP per Capita)	0.0162***	0.0170***	−0.0019	−0.0025
	(0.0062)	(0.0061)	(0.0019)	(0.0019)
Trade Dependence	0.0103**	0.0105**	−0.0018	−0.0017
	(0.0046)	(0.0046)	(0.0014)	(0.0014)
Electoral Democracy Index	−0.0072	−0.0048	−0.0260***	−0.0270***
	(0.0170)	(0.0169)	(0.0052)	(0.0051)
Capability Ratio	−0.1374	−0.1056	−0.0348	−0.0460
	(0.1190)	(0.1181)	(0.0365)	(0.0352)
Years of Diplomatic Relations	−0.0013**	−0.0014**	−0.0002	−0.0002
	(0.0005)	(0.0005)	(0.0002)	(0.0002)
Change in Source of Leader Support	−0.0034	−0.0039	0.0016	0.0013
	(0.0065)	(0.0065)	(0.0020)	(0.0020)
Fixed Country Effects	YES	YES	YES	YES
Fixed Year Effects	YES	YES	YES	YES
Num. obs.	6184	6184	6184	6184
Parameters	243	244	243	244
Log Likelihood	3908.7522	3914.1246	11245.8303	11265.0267
AIC (Linear model)	−7054.1493	−7054.1493	−21702.2146	−21702.2146
AIC (Spatial model)	−7331.5044	−7340.2491	−22005.6607	−22042.0535
LR test: statistic	279.3551	290.0998	305.4461	343.8388
LR test: p-value	0.0000	0.0000	0.0000	0.0000

$^{***}p < 0.01$; $^{**}p < 0.05$; $^{*}p < 0.1$

Table A3. Robustness Check: The Impact of Chinese Leadership Visits on Foreign Policy Convergence

	DV: Distance in Ideal Points					
	Model1:OLS	Model1:SAR	Model3:SLX	Model4:OLS	Model5:SAR	Model6:SLX
Temporal Lagged DV	0.6551***	0.6239***	0.6530***	0.6543***	0.6233***	0.6521***
	(0.0096)	(0.0095)	(0.0096)	(0.0096)	(0.0095)	(0.0096)
Chinese State Visits	−0.0273***	−0.0256***	−0.0286***	−0.0272***	−0.0256***	−0.0286***
	(0.0066)	(0.0063)	(0.0066)	(0.0066)	(0.0063)	(0.0066)
Spatial Lag Parameter: ρ		0.2232***			0.2233***	
		(0.0137)			(0.0137)	
$\boldsymbol{W_x}$: Chinese State Visits			−0.0483***			−0.0487***
			(0.0148)			(0.0148)
US Presidential Visits	0.0045		0.0044			
	(0.0080)		(0.0080)			
Ln(Population)	−0.0469***	−0.0269**	−0.0457***	−0.0451***	−0.0258**	−0.0439***
	(0.0134)	(0.0128)	(0.0134)	(0.0134)	(0.0129)	(0.0134)
Ln(GDP per Capita)	0.0180***	0.0178***	0.0188***	0.0184***	0.0177***	0.0191***
	(0.0062)	(0.0059)	(0.0062)	(0.0062)	(0.0059)	(0.0062)
Trade Dependence	0.0089*	0.0106**	0.0091*	0.0092*	0.0108**	0.0094*
	(0.0048)	(0.0046)	(0.0048)	(0.0048)	(0.0046)	(0.0048)
Electoral Democracy Index	0.0121	0.0019	0.0109			
	(0.0171)	(0.0163)	(0.0171)			
Polity IV Scores				−0.0003	−0.0004	−0.0004
				(0.0006)	(0.0005)	(0.0006)
Capability Ratio	−0.2837**	−0.0643	−0.3336***	−0.2858**	−0.0653	−0.3364***
	(0.1172)	(0.1127)	(0.1180)	(0.1171)	(0.1127)	(0.1180)
Years of Diplomatic Relations	−0.0018***	−0.0014***	−0.0017***	−0.0018***	−0.0014***	−0.0018***
	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)
Change in Source of Leader Support	−0.0066	−0.0052	−0.0067	−0.0060	−0.0047	−0.0061
	(0.0069)	(0.0066)	(0.0069)	(0.0069)	(0.0066)	(0.0069)
Fixed Country Effects	YES	YES	YES	YES	YES	YES
Fixed Year Effects	YES	YES	YES	YES	YES	YES
R^2	0.8770		0.8772	0.8770		0.8772
Adj. R^2	0.8720		0.8722	0.8720		0.8722
Num. obs.	6184	6184	6184	6184	6184	6184
Parameters		243			243	
Log Likelihood		3892.3876	3774.7994		3892.6392	3774.6532
AIC (Linear model)		−7054.1493			−7053.9567	
AIC (Spatial model)		−7298.7751			−7299.2785	
LR test: statistic		246.6258			247.3218	
LR test: p-value		0.0000			0.0000	
Sigma			0.1341			0.1341
Statistic			175.4226			176.1706
P Value			0.0000			0.0000
DF			242.0000			241.0000
AIC			−7061.5987			−7063.3065
BIC			−5419.5469			−5427.9843
Deviance			106.8062			106.8112
DF Resid.			5941			5942

$^{***}p < 0.01$; $^{**}p < 0.05$; $^{*}p < 0.1$

Table A4. Robustness Check: The Impact of Chinese Leadership Visits on Foreign Policy Convergence (Pre-2008 vs Post-2008)

	Pre-2008 Period			Post-2008 Period		
	M1:OLS	M2:SAR	M3:SLX	M4:OLS	M5:SAR	M6:SLX
Temporal Lagged DV	0.6641***	0.6291***	0.6641***	−0.0076	−0.0046	−0.0078
	(0.0108)	(0.0106)	(0.0108)	(0.0305)		(0.0305)
Chinese State Visits	−0.0315***	−0.0309***	−0.0315***	−0.0089	−0.0079	−0.0074
	(0.0079)	(0.0075)	(0.0079)	(0.0111)	(0.0098)	(0.0113)
Spatial Lag Parameter: ρ		0.2276***			0.2305***	
		(0.0151)			(0.0390)	
$\boldsymbol{W_x}$: Chinese State Visits			−0.0009			0.0182
			(0.0195)			(0.0252)
Ln(Population)	−0.0382**	−0.0078	−0.0382**	−0.1801**	−0.1803***	−0.1799**
	(0.0179)	(0.0171)	(0.0179)	(0.0902)	(0.0660)	(0.0902)
Ln(GDP per Capita)	0.0414***	0.0409***	0.0415***	−0.0572*	−0.0668**	−0.0578*
	(0.0080)	(0.0076)	(0.0081)	(0.0323)	(0.0288)	(0.0323)
Trade Dependence	0.0115**	0.0128**	0.0115**	0.0106	0.0174	0.0112
	(0.0054)	(0.0051)	(0.0054)	(0.0333)	(0.0284)	(0.0333)
Electoral Democracy Index	0.0252	0.0113	0.0252	−0.0977	−0.0833	−0.0990
	(0.0197)	(0.0187)	(0.0197)	(0.0735)	(0.0656)	(0.0735)
Capability Ratio	−0.2414	0.0679	−0.2413	−0.0159	0.1444	0.0420
	(0.1677)	(0.1604)	(0.1677)	(0.9562)	(0.3728)	(0.9598)
Years of Diplomatic Relations	−0.0024***	−0.0021***	−0.0024***	0.0044	0.0044	0.0044
	(0.0007)	(0.0007)	(0.0007)	(0.0047)	(0.0041)	(0.0047)
Change in Source of Leader Support	−0.0062	−0.0044	−0.0062	−0.0040	−0.0032	−0.0039
	(0.0079)	(0.0075)	(0.0079)	(0.0128)	(0.0092)	(0.0128)
Fixed Country Effects	YES	YES	YES	YES	YES	YES
Fixed Year Effects	YES	YES	YES	YES	YES	YES
R^2	0.8739		0.8739	0.9312		0.9313
Adj. R^2	0.8676		0.8676	0.9187		0.9187
Num. obs.	4844	4844		1340	1340	
Parameters		235			209	
Log Likelihood		3001.8233	2897.2865		1226.7593	1210.7190
AIC (Linear model)		−5326.5707			−2004.8244	
AIC (Spatial model)		−5533.6467			−2035.5186	
LR test: statistic		209.0760			32.6943	
LR test: p-value		0.0000			0.0000	
Sigma			0.1364			0.1067
Statistic			137.1559			74.0760
P Value			0.0000			0.0000
DF			233.0000			207.0000
AIC			−5324.5729			−2003.4380
BIC			−3800.4814			−916.5492
Deviance			85.7453			12.8778
DF Resid.			4610			1132
nobs			4844			1340

$^{***}p < 0.01$; $^{**}p < 0.05$; $^{*}p < 0.1$

Table A5. Robustness Check: The Impact of Chinese Leadership Visits on Foreign Policy Convergence across Administrations

	M1:Deng Xiaoping	M2:Jiang Zeming	M3:Hu Jintao	M4:Xi Jinping
Temporal Lagged DV	0.5347***	0.4639***	0.3052***	−0.7419***
	(0.0188)	(0.0179)	(0.0198)	(0.0287)
Chinese State Visits	−0.0146	−0.0192	−0.0254***	0.0155
	(0.0122)	(0.0118)	(0.0081)	(0.0124)
Spatial Lag Parameter: ρ	0.1926***	0.2751***	0.1990***	0.1250**
	(0.0286)	(0.0257)	(0.0309)	(0.0513)
Ln(Population)	0.1847***	0.1524***	−0.0384	−0.4388***
	(0.0662)	(0.0431)	(0.0505)	(0.1433)
Ln(GDP per Capita)	−0.0087	0.0388*	−0.0261	−0.3196***
	(0.0180)	(0.0198)	(0.0163)	(0.0790)
Trade Dependence	0.0269	0.0068	0.0260	−0.0671
	(0.0402)	(0.0080)	(0.0202)	(0.0677)
Electoral Democracy Index	0.0236	0.0226	−0.0543	0.2217
	(0.0397)	(0.0443)	(0.0503)	(0.1818)
Capability Ratio	−0.3193	0.3087	0.4330	3.0442***
	(0.7853)	(0.3241)	(0.4475)	(0.6484)
Years of Diplomatic Relations	0.0026	0.0017	0.0014	0.0381**
	(0.0020)	(0.0026)	(0.0022)	(0.0157)
Change in Source of Leader Support	−0.0034	−0.0105	−0.0088	0.0408***
	(0.0117)	(0.0112)	(0.0095)	(0.0152)
Fixed Country Effects	YES	YES	YES	YES
Fixed Year Effects	YES	YES	YES	YES
Num. obs.	1674	2037	2089	384
Parameters	176	210	213	204
Log Likelihood	1442.9144	1212.2324	1762.0538	596.8984
AIC (Linear model)	−2493.5067	−1896.3454	−3059.6297	−782.0199
AIC (Spatial model)	−2533.8288	−2004.4648	−3098.1077	−785.7968
LR test: statistic	42.3221	110.1194	40.4780	5.7769
LR test: p-value	0.0000	0.0000	0.0000	0.0162

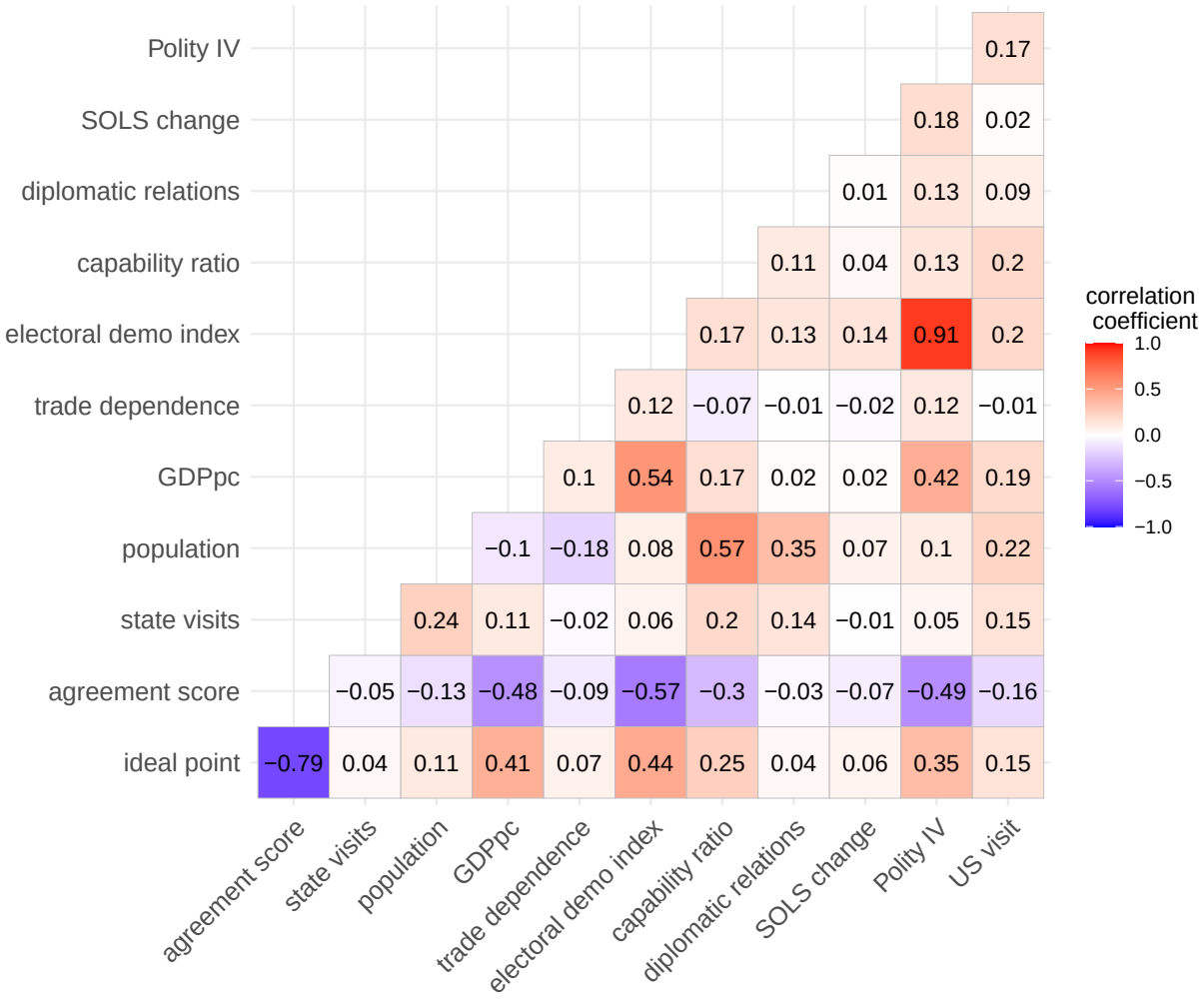
$^{***}p < 0.01$; $^{**}p < 0.05$; $^{*}p < 0.1$

Table A6. Robustness Check: The Impact of Chinese Leadership Visits on Foreign Policy Convergence

	M1:OLS	M2:SAR	M3:OLS	M4:SAR
Temporal Lagged DV	0.6553***	0.6241***	0.6550***	0.6238***
	(0.0096)	(0.0094)	(0.0096)	(0.0095)
Chinese State Visits (dummy)	−0.0273***	−0.0258***		
	(0.0070)	(0.0067)		
Chinese State Visits			−0.0271***	−0.0255***
			(0.0066)	(0.0063)
Spatial Lag Parameter: ρ		0.2233***		0.2232***
		(0.0137)		(0.0137)
Ln(Population)	−0.0471***	−0.0274**	−0.0485***	−0.0290**
	(0.0134)	(0.0128)	(0.0137)	(0.0132)
Ln(GDP per Capita)	0.0181***	0.0177***	0.0182***	0.0179***
	(0.0062)	(0.0059)	(0.0062)	(0.0059)
Trade Dependence	0.0089*	0.0106**	0.0090*	0.0107**
	(0.0048)	(0.0046)	(0.0048)	(0.0046)
Electoral Democracy Index	0.0127	0.0020	0.0143	0.0038
	(0.0170)	(0.0163)	(0.0173)	(0.0165)
Capability Ratio	−0.2584**	−0.0391	−0.2942**	−0.0740
	(0.1165)	(0.1121)	(0.1180)	(0.1135)
Years of Diplomatic Relations	−0.0017***	−0.0014***	−0.0017***	−0.0014***
	(0.0005)	(0.0005)	(0.0005)	(0.0005)
Defense alliance with the US			−0.0084	−0.0091
			(0.0137)	(0.0131)
Change in Source of Leader Support	−0.0066	−0.0052	−0.0067	−0.0052
	(0.0069)	(0.0066)	(0.0069)	(0.0066)
Fixed Country Effects	YES	YES	YES	YES
Fixed Year Effects	YES	YES	YES	YES
R^2	0.8770		0.8770	
Adj. R^2	0.8720		0.8720	
Num. obs.	6184	6184	6184	6184
Parameters		243		244
Log Likelihood		3891.7688		3892.6292
AIC (Linear model)		−7052.6473		−7052.5404
AIC (Spatial model)		−7297.5377		−7297.2585
LR test: statistic		246.8904		246.7181
LR test: p-value		0.0000		0.0000

$^{***}p < 0.01$; $^{**}p < 0.05$; $^{*}p < 0.1$

Figure A1. The Correlation Coefficient Matrix



Note: Figure A1 shows the correlation coefficients for the covariates.