What Is the Enemy of My Enemy?

Appendix

This appendix includes analyses not reported in the published paper. It uses here more restrictive definitions of indirect friendship and enmity than reported in the paper.

An enemy of an enemy (indirect friend) is defined as follows. State **B** is an enemy of an enemy of state **A** if both states fought in a COW interstate war against the same enemy, state **C** (this is the case whether they both on the same side in the same war against the same enemy, or if the war between **A** and **C** was different than the war between **B** and **C**). States that shared the same enemy in short of war MIDs are not considered to have common enemies according to this strict definition.

Restrictive indirect friendship is defined only for defense pacts. Thus, state **B** is an ally of an enemy of state **A** if state **B** had a defense pact with state **C** and state **A** had a MID with state **C.** Likewise state **B** is designated an enemy of state **A**'s ally if state **B** had a MID with state **C** who has a defense pact with state **A**.

Also, in contrast to the analyses of MIDs and wars in the published version that use the population of politically relevant dyads, we report here analyses for the entire dyad population as a robustness check.

Table A1: The Effects of Indirect Relations on Direct Relations
(Only Enemies of Enemies due to Wars)

Table 2.1: Is the Enemy of my Enemy my Friend?

		Alliance (*t*)?		Total Row
		No	**Yes**	
Enemy of My Enemy (*t-1*)?	**No**	617,594 (617.338.6)*	42,834 (43,089.4)	660,428
	Yes	957 (1,212.4)	340 (84.6)	1,297
	Total Column	618,551	43,174	661,725
	Statistics	$\chi^2 = 826.1$; $p < .0000$; Yule's Q = 0.673; $m_b = 0.933$		

Table 2.2: Is the Enemy of My Enemy Also My Enemy (All Dyads)?

		MID(*t*)?		Total Row
		No	**Yes**	
Enemy of My Enemy(*t-1*)?	**No**	656,304 (656,245.2)*	4,136 (4,194.8)	660,440
	Yes	1,230 (1,288.8)	**67** **(8.2)**	1,297
	Total Column	657,534	4,203	661,737
	Statistics	$\chi^2 = 422.67$; $p < .0000$; Yule's Q = 0.793; $\boldsymbol{m_b = -0.997}$		
		War(*t*)?		**Total Row**
		No	**Yes**	
Enemy of My Enemy(*t-1*)?	**No**	659,708 (659,685.5)*	732 (754.5)	660,440
	Yes	1,273 (1,295.5)	**24** **(1.5)**	1,297
	Total Column	660,981	756	661,737
	Statistics	$\chi^2 = 343.27$; $p < .0000$; Yule's Q = 0.889; $\boldsymbol{m_b = -0.983}$		

Note: * Expected Frequencies
Shaded cells contain observed and expected frequencies reflecting the test hypothesis. **Inconsistent** cells are boldfaced. ***Boldfaced*** $\boldsymbol{m_b}$ statistics (with negative values, indicate imbalanced relations).

Table A2: The Effect of Indirect Friendship/Enmity Relations on Direct Relations—Accounting for Imbalances: Logit Analysis, All Dyads, 1816-2001 (Only enemies of enemies in war and friendships based on defense pacts)

Independent Variable	Baseline Model		
	Alliances	MIDs[+]	War
Enemy of My Enemy	**-0.323****	**0.595****	**1.519****
	(0.109)	**(0.204)**	**(0.303)**
Enemy of My Friend	-0.271**	0.557*	1.280**
	(0.084)	(0.237)	(0.366)
Friend of My Enemy	**0.083****	**-0.918****	**-0.765****
	(0.028)	**(0.051)**	**(0.053)**
Cumulative No. of Past	**0.029****	0.072**	0.045**
MIDs	**(0.005)**	(0.003)	(0.003)
Capability Ratio	-0.000**	-0.001**	-0.007**
	(0.000)	(0.000)	(0.001)
Alliance Ties	—	0.625**	-0.308
		(0.060)	(0.188)
Constant	0.453**	-2.431**	-4.997**
	(0.026)	(0.133)	(0.168)
Model Statistics	N=616,050	N=615,743	N=615,743
	χ^2 = 40,404	χ^2 = 4,185.9	χ^2 = 2,013.8
	R^2 = 0.685	R^2 = 0.475	R^2 = 0.281

Notes: Estimates of years of no alliance/years of peace and of cubic splines not inserted in the interest of space.

[+] N's the alliance equations are based on all dyads; for MIDs and wars, N's are based on politically relevant dyads. Analyses of MID/War for all possible dyads yielded similar (and even more significant results for imbalanced relations effects)

Table A3: Indirect Friendship and Direct Enmity—Controlling for Possible Explanations of Imbalances: Results of Contingency Table Analysis

Control Variable	Value of Control Variable	Chi-Square	Yule's Q	m_b	N
	MIDs				
Third Party MID	**No 3rd Party MID**	409.536**	0.920	**-0.995**	311,351
	One Side in 3rd Party MID	1.1e+03**	0.860	**-0.987**	302,489
	Both sides in 3rd party MID	768.305**	0.699	**-0.952**	78,626
	Wars				
	No 3rd Party MID	63.304**	0.899	**-0.996**	311,351
	One Side in 3rd Party MID	582.401**	0.917	**-0.991**	302,489
	Both sides in 3rd party MID	254.991**	0.699	**-0.964**	78,626
Alliances	**MIDs**				
	No Alliance	3.3e03**	0.884	**-0.987**	523,448
	Entente	2.600	0.359	**-0.935**	4,844
	Nonaggression	23.515**	0.668	**-0.930**	1,836
	Defense Pact	65.791**	0.557	**-0.966**	37,284
	Missing Data	15.536**	0.707	**-0.992**	139,724
	Wars				
	No Alliance	1.8e+03**	0.936	**-0.992**	523,448
	Entente	16.735**	0.762	**-0.956**	4,844
	Nonaggression	36.335**	0.864	**-0.962**	1,836
	Defense Pact	17.695**	0.681	**-0.968**	37,284
	Missing Data	0.268	-1.000	0.996	139,724
Strategic Rivalry	**MIDs**				
	No Rivalry	1.7e+03**	0.845	**-0.989**	662,975
	Strategic Rivalry	42.879**	0.324	**-0.737**	6,036
	Wars				
	No Rivalry	582.406**	0.880	**-0.991**	662,975
	Strategic Rivalry	42.497**	0.473	**-0.880**	6,036
Status of Dyad Members	**MIDs**				
	Both Minor Powers	498.983**	0.816	**-0.993**	642,432
	At Least one Major Power	299.467**	0.617	**-0.938**	66,798
	Both Major/Regional Powers	61.897**	0.433	**-0.807**	3,674
	Wars				
	Both Minor Powers	49.462**	0.767	**-0.995**	642,432
	At Least one Major Power	169.553**	0.729	**-0.950**	66,798
	Both Major/Regional Powers	32.994**	0.488	**-0.850**	3,674

** $p < .001$