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Online Appendix

Appendix A. 1816-1945 period.

Table A1. Peaceful (i.e., no war) dyads and joint democracy.

	Not always joint democracy (row %)	Always joint democracy (row %)	Total
<i>All-dyad sample</i>			
At least one war	181 100.00%	0 0.00%	181
Never a war (i.e., peaceful)	2,750 98.92%	30 1.08%	2,780
Total	2,931	30	2,961
	Pearson $\chi^2=1.9732$; LR $\chi^2=3.8045^*$		
<i>Politically-relevant dyad sample</i>			
At least one war	149 100.00%	0 0.00%	149
Never a war (i.e., peaceful)	528 98.14%	10 1.86%	538
Total	677	10	687
	Pearson $\chi^2=2.8104^*$; LR $\chi^2=4.9303^{**}$		
<i>Grievance dyad sample</i>			
At least one war	181 100.00%	0 0.00%	181
Never a war (i.e., peaceful)	373 99.73%	1 0.27%	374
Total	554	1	555
	Pearson $\chi^2=0.4848$; LR $\chi^2=0.7903$		

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Table A2. Peaceful (i.e., no MID) dyads and joint democracy.

	Not always joint democracy (row %)	Always joint democracy (row %)	Total
<i>All-dyad sample</i>			
At least one MID	424 100.00%	0 0.00%	424
Never a MID (i.e., peaceful)	2,507 98.82%	30 1.18%	2,537
Total	2,931	30	2,961
	Pearson $\chi^2=5.0651^{**}$; LR $\chi^2=9.3239^{***}$		
<i>Politically-relevant dyad sample</i>			
At least one MID	356 100.00%	0 0.00%	356
Never a MID (i.e., peaceful)	321 96.98%	10 3.02%	331
Total	677	10	687
	Pearson $\chi^2=10.9142^{***}$; LR $\chi^2=14.7633^{***}$		

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix B. Robustness of results.

In this section, we repeat the analyses presented in the main text using a lower threshold for democracy. Instead of requiring both dyad members to be democratic for the *entire* time period under review (i.e., 1816-1945, 1946-1989, or 1990-2001), we now count a dyad as ‘jointly democratic’ if both members were *ever* democratic *simultaneously during any year* within the time period under review. For example, if both dyad members were democratic in the year 1986—but not during the years 1946-1985 or 1987-1989—the dyad would qualify as ‘jointly democratic’ for the 1946-1989 period within the analyses that follow, a significantly lower threshold than what we use in the main text. Importantly, our main results hold. Even with this lower threshold, joint democracy explains a minority of peaceful dyads across all three time periods.

Note: Because we lower the threshold for democracy, some wars now fall within ‘jointly democratic’ dyads. These occur during non-democratic dyad-years. If, however, we lower the threshold to attribute peace to these ‘democratic dyads,’ we also must allow the conflicts that arise to fall within them as well.

Table B1. Peaceful (no war) dyads and joint democracy (all dyads).

	Not always joint democracy (row %)	Ever joint democracy (row %)	Total
<i>1816-1945</i>			
At least one war	156 86.19%	25 13.81%	181
Never a war (i.e., peaceful)	2,524 90.79%	256 9.21%	2,780
Total	2,680	281	2,961
Pearson $\chi^2=4.1928^{**}$; LR $\chi^2=3.7575^*$			
<i>1946-1989</i>			
At least one war	56 91.80%	6 8.20%	61
Never a war (i.e., peaceful)	11,412 87.19%	1,677 12.81%	13,089
Total	11,468	1,682	13,150
Pearson $\chi^2=1.1596$; LR $\chi^2=1.3054$			
<i>1990-2001</i>			
At least one war	17 94.44%	1 5.56%	18
Never a war (i.e., peaceful)	14,820 78.19%	4,133 21.81%	18,953
Total	14,837	4,134	18,971
Pearson $\chi^2=2.7867^*$; LR $\chi^2=3.6826^*$			

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Table B2. Peaceful (i.e., no war) dyads and joint democracy (politically relevant dyads).

	Not always joint democracy (row %)	Ever joint democracy (row %)	Total
<i>1816-1945</i>			
At least one war	127 85.23%	22 14.77%	149
Never a war (i.e., peaceful)	461 85.69%	77 14.31%	538
Total	588	99	687
Pearson $\chi^2=0.0194$; LR $\chi^2=0.0193$			
<i>1946-1989</i>			
At least one war	36 87.80%	5 12.20%	41
Never a war (i.e., peaceful)	766 78.08%	215 21.92%	981
Total	802	220	1,022
Pearson $\chi^2=2.2017$; LR $\chi^2=2.4951$			
<i>1990-2001</i>			
At least one war	10 90.91%	1 9.09%	11
Never a war (i.e., peaceful)	986 61.47%	618 38.53%	1,604
Total	996	619	1,615
Pearson $\chi^2=4.0052$; LR $\chi^2=4.9101^{**}$			

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Table A3. Peaceful (no war) dyads and joint democracy (conflict dyads).

	Not always joint democracy (row %)	Ever joint democracy (row %)	Total
<i>1816-1945</i>			
At least one war	156 86.19%	25 13.81%	181
Never a war (i.e., peaceful)	323 86.36%	51 13.64%	374
Total	479	76	555
Pearson $\chi^2=0.0032$; LR $\chi^2=0.0032$			
<i>1946-1989</i>			
At least one war	56 91.80%	5 8.20%	61
Never a war (i.e., peaceful)	537 76.82%	162 23.18%	699
Total	593	167	760
Pearson $\chi^2=7.3423^{***}$; LR $\chi^2=8.9321^{***}$			
<i>1990-2001</i>			
At least one war	17 94.44%	1 5.56%	18
Never a war (i.e., peaceful)	475 55.49%	381 44.51%	856
Total	492	382	874
Pearson $\chi^2=10.8725^{***}$; LR $\chi^2=13.6913^{***}$			

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Table A4. Peaceful (no MID) dyads and joint democracy (all dyads).

	Not always joint democracy (row %)	Ever joint democracy (row %)	Total
<i>1816-1945</i>			
At least one MID	362 85.38%	62 14.62%	424
Never a MID (i.e., peaceful)	2,318 91.37%	219 8.63%	2,537
Total	2,680	281	2,961
Pearson $\chi^2=15.1773^{***}$; LR $\chi^2=13.5771^{***}$			
<i>1946-1989</i>			
At least one MID	400 86.58%	62 13.42%	462
Never a MID (i.e., peaceful)	11,068 87.23%	1,620 12.77%	12,688
Total	11,468	1,682	13,150
Pearson $\chi^2=0.1699$; LR $\chi^2=0.1676$			
<i>1990-2001</i>			
At least one MID	228 78.62%	62 21.38%	290
Never a MID (i.e., peaceful)	14,609 78.20%	4,072 21.80%	18,681
Total	14,837	4,137	18,971
Pearson $\chi^2=0.0293$; LR $\chi^2=0.0294$			

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Table A5. Peaceful (i.e., no MID) dyads and joint democracy (politically relevant dyads).

	Not always joint democracy (row %)	Ever joint democracy (row %)	Total
<i>1816-1945</i>			
At least one MID	302 84.83%	54 15.17%	356
Never a MID (i.e., peaceful)	286 86.40%	45 13.60%	331
Total	588	99	687
Pearson $\chi^2=0.3443$; LR $\chi^2=0.3448$			
<i>1946-1989</i>			
At least one MID	230 83.64%	45 16.36%	275
Never a MID (i.e., peaceful)	572 76.57%	175 23.43%	747
Total	802	220	1,022
Pearson $\chi^2=5.9366^{**}$; LR $\chi^2=6.1947^{**}$			
<i>1990-2001</i>			
At least one MID	124 71.26%	50 28.74%	174
Never a MID (i.e., peaceful)	872 60.51%	569 39.49%	1,441
Total	996	619	1,615
Pearson $\chi^2=7.5914^{***}$; LR $\chi^2=7.8633^{***}$			

Table A6. Summary of results (ranked by % explained).

Time Period	Dyad Sample	Peace definition	% of jointly democratic, peaceful dyads
1816-1945	All	No MID	8.63%
1816-1945	All	No war	9.21%
1946-1989	All	No MID	12.77%
1946-1989	All	No war	12.81%
1816-1945	Politically relevant	No MID	13.60%
1816-1945	Conflict	No war	13.64%
1816-1945	Politically relevant	No war	14.31%
1990-2001	All	No MID	21.80%*
1990-2001	All	No war	21.81%
1946-1989	Politically relevant	No war	21.92%
1946-1989	Conflict	No war	23.18%
1946-1989	Politically relevant	No MID	23.43%
1990-2001	Politically relevant	No war	38.53%
1990-2001	Politically relevant	No MID	39.49%
1990-2001	Conflict	No war	44.51%

Notes: *Median value.