

APPENDIX

for

“A Century of Coalitions in Battle: Incidence, Composition, and Performance, 1900-2003”

This appendix provides additional information about the patterns observed in the population of battlefield coalitions that fought during interstate wars waged between 1900 and 2003. It consists of two parts.

The first is Table A1, which replicates Table 1 from the main text while excluding all observations from the post-Cold War era. As can be seen, even after excluding the 49 battlefield coalitions that fought 1991-2003, such collectives were still more effective and efficient than solo belligerents. They also tended to field a greater share of the total number of troops engaged in the battles they fought, initiated combat more often, and fought on the territory of a coalition member more than half the time. These patterns are consistent with those evident in the full sample, though battlefield coalitions' advantage in win rate, casualty rate, and frequency of combat initiation are not statistically significant.

The second is Table A2, which reports the statistics underlying the relationships reported in Table 2 in the main text. The numerical representations make clear degree to which some types of battlefield coalition were advantaged over others. As in the main text, the appropriate referent for each type of battlefield coalition is the other collective(s) in its particular group. Accordingly, the referent group for battlefield coalitions with US participation is battlefield coalitions without US participation; the referent group for democratic battlefield coalitions is mixed *and* non-democratic battlefield coalitions; the referent group for mixed battlefield coalitions is democratic *and* non-democratic battlefield coalitions; the referent group for non-democratic battlefield coalitions is democratic *and* mixed battlefield coalitions; and so on.

Table A1: Belligerents in Battle, 1900-1990

Belligerent Type	Belligerent Sides	Battle Victory	Average Casualties	Average Troop Share	Battle Initiator	Battle on Home Turf
All Belligerent Sides	890	47.3%	24.4%	50.0%	50.0%	41.6%
Solo Belligerents	711	46.0%	25.3%	49.2%	48.8%	38.8%
Battlefield Coalitions	179	52.5%	21.1%*	53.0%**	54.7%	52.5%***

* Difference with solo belligerents significant at the $p < 0.1$ level

** Difference with solo belligerents significant at the $p < 0.05$ level

*** Difference with solo belligerents significant at the $p < 0.01$ level

Table A2: Coalitions in Comparison, 1900-2003

Battlefield Coalition Type	Battlefield Coalitions	Battle Victory	Average Casualties	Coalition Size	Average Troop Share	Prior Fighting Experience	Battle Initiator	Battle on Home Turf
United States as Member	78	85.9%***	16.6%*	3.21***	58.3%***	84.6%***	73.1%***	51.3%
No United States Participation	150	36.7%***	23.6%*	2.31***	50.5%***	68.0%***	46.7%***	48.7%
Fought During World Wars	60	60.0%	27.0%**	2.37	56.7%	85.0%**	63.3%	41.7%
Fought During All Other Wars	168	51.2%	17.6%***	2.70	51.6%	69.6%**	53.0%	52.4%
Democratic	45	71.1%***	26.4%	2.64	60.1%**	91.1%***	77.8%***	46.7%
Mixed	63	73.0%***	17.5%	3.30***	55.1%	73.0%	57.1%	66.7%***
Non-Democratic	120	36.7%***	20.6%	2.24***	49.5%***	67.5%**	46.7%***	41.7%**
Pre-Existing Defense Obligations	85	64.7%***	19.6%	3.20***	55.0	83.5%***	65.9%**	38.8%**
No Pre-Existing Defense Obligations	143	46.9%***	21.8%	2.27***	52.0%	67.8%***	49.7%**	55.9%**
Nonstate Actors as Member(s)	90	42.2%***	17.9%	2.43	49.7%*	62.2%***	48.9%*	44.4%
No Nonstate Actor Participation	138	60.9%***	22.1%	2.73	55.0%*	81.2%***	60.1%*	52.9%

* Difference significant at the $p < 0.1$ level ** Difference significant at the $p < 0.05$ level *** Difference significant at the $p < 0.01$ level