Supplementary Appendix: Can War Foster Cooperation?

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A Literature search

We sought all papers that: (i) have one or more outcomes that relate to social and political participation, cooperation, or trust; (ii) use a measure of exposure to violence as opposed to other experiences, such as displacement or crime victimization. We include published and unpublished papers.

A.1 Inclusion and exclusion criteria

We exclude two papers from our analysis that do not include one of the main dependent variables of interest (e.g. they look at trust in government not in fellow citizens), and four papers that do not use war violence as an independent variable (but rather crime, electoral violence, or displacement). Perhaps more importantly, we exclude one paper that does use the dependent and independent variables of interest but for which the micro data are not available. A major reason is that the papers in our analysis vary widely in the measurement and scale of the dependent and independent variables, and in order to make the meta-analysis meaningful, we need access to the raw data of each paper to create standardized measures.

In an alternative approach, we use information on t-statistics reported in the papers (Stanley and Jarrell, 1989). This approach does not require raw replication data. For this analysis we include all papers that have independent variables related to wartime violence exposure and have comparable outcome measures on cooperation. There are two drawbacks to this method. First, a t-statistic combines information on sample size as well as magnitude; hence, a large t-statistic may not necessarily reflect a large effect size. Second, using reported coefficients does not allow investigating relevant dependent variables that the paper does not report. Nonetheless, we consider the results of this alternate approach below.

B Methods

We use the original data to construct standardized coefficients, as well as to estimate effects for additional outcomes not reported in the original papers but for which data are available. We replicate the studies' original research designs. This is important, since each study has a different empirical strategy for identifying the impact of violence exposure. Research on meta-analysis of multivariate regression slopes emphasizes the importance of having each study capture the true effect of the independent variable, which depends on model specification (Becker and Wu, 2007). Thus, in replicating the models of each study, we assume that the authors of the papers in our sample have made the best efforts to identify the effect of violence on prosocial behavior.

In this approach, we first regress each standardized outcome variable on a binary measure of violence exposure. We use survey weights and/or control variables as specified in the replication file for each study. After calculating the effect of exposure to violence for each study, we create a matrix for each outcome in which each row represents a study. We preserve the regression coefficient,

standard error, and the number of observations.

In addition, since all of the papers in our study use multivariate regressions, we follow the recommendations of existing literature on meta-analysis of multivariate regression coefficients (Becker and Wu, 2007; Patall and Cooper, 2008), and also examine our results using standardized ("beta") slopes. In order to preserve similarity in the estimations across studies, we use ordinary least squares to estimate the impact of exposure to violence for each study. Hence, for studies using probit or logit estimations we changed the model to an OLS.

In order to overcome the multiple comparisons problem, we also generate a summary index of all outcome measures. For each study, we generate a mean effects index (Kling and Liebman, 2004), calculated from the standardized outcome measures of each study.

B.1 Meta-analysis models

We estimate the results using fixed effects and random effects meta-analysis models. For each prosocial outcome, we have k studies reporting estimates for the effect of violence exposure. Meta analysis models assume that each estimate corresponds to a true latent effect size, measured with some error:

$$y_i = \theta_i + \varepsilon_i \tag{1}$$

In the equation above, y_i represents the estimate for study i, θ_i is the (unknown) true effect, and ε_i is a sampling error, assumed to be distributed normally with mean 0 and variance v_i . The sampling variance is calculated as:

$$v_i = \frac{\left(1 - y_i^2\right)^2}{N_i - 1} \tag{2}$$

Where y_i is the estimate for study *i*, and N_i is the sample size of the *i*th study.

B.1.1 Fixed effects

The fixed-effects model makes a conditional inference only for the k studies in our sample. It use weighted least squares to estimate the true average effect:

$$\bar{\theta}_w = \frac{\sum_{i=1}^k w_i \theta_i}{\sum_{i=1}^k w_i} \tag{3}$$

In the equation above, $\bar{\theta}_w$ represents the weighted average of the true effects (θ_i) , where the weight is inverse-proportional to the sampling error: $w_i = \frac{1}{v_i}$. In other words, the model gives more weight to studies with smaller sampling variance.

B.1.2 Random effects

The random effects model allows the true effect to vary between studies, and treats this heterogeneity as random. If θ_i represents true effect for study *i*, then the model assumes that:

$$\theta_i = \mu + u_i \tag{4}$$

where μ is the true *average* effect, and u_i is a normally distributed error with mean 0 and variance τ^2 . As such, the random effects model estimates the average population effect by taking into account an additional source of variation between studies:

$$y_i = \theta_i + u_i + \varepsilon_i \tag{5}$$

Similar to the fixed effects model, the random effects model gives more weight to studies with more observations. However, the random effects model weighs studies a bit differently, by drawing on both within-study and between-study variation. It should be noted that fixed effects and random effects models would yield similar results if the variance of u_i is equal to zero, which means that the true effect is homogeneous across studies (Viechtbauer et al., 2010).

C Data

C.1 Independent variable

Using the raw data from each paper, we construct three sets of measures of violence exposure:

- 1. A measure of the paper's violence exposure indicator;
- 2. Indicators of the respondent's direct or personal exposure to violence; and
- 3. Indicators of direct or indirect exposure to violence, through the household or community's exposure. These include, for example, having household members killed or injured, or being in a community that was targeted by violence.

Table A1 reports summary statistics of these various measures of violence exposure.

C.2 Dependent variables

We construct six standardized outcome variables for the studies in our sample. These outcomes include social groups participation, community leadership/participation, trust, prosocial behavior in experimental games, voting, and knowledge/interest in politics. Tables A2-A7 provide details on the construction of these outcome measures for each study in our sample.

Author	Country	Violence type	Mean	Min	Max	Ν
Annan et al. (2011)	Uganda	Paper's indicator Community exposure Personal exposure	$0.37 \\ 0.39 \\ 0.28$	0 0 0	1 1 1	619 619 619
Bauer et al. (2014)	Georgia	Paper's indicator Community exposure Personal exposure	0.24 0.07 0.28	0 0 0	1 1 1	565 518 549
Bauer et al. (2014)	Sierra Leone	Paper's indicator Community exposure Personal exposure	0.22 0.32 0.35	0 0 0	1 1 1	585 584 586
Bauer, Fiala and Levely (2014)	Uganda	Paper's indicator Community exposure Personal exposure	$0.55 \\ 0.79 \\ 0.58$	0 0 0	1 1 1	337 337 337
Bellows and Miguel (2009)	Sierra Leone	Paper's indicator Community exposure	$0.39 \\ 0.39$	0 0	1 1	$10496 \\ 10496$
Blattman (2009)	Uganda	Paper's indicator Community exposure Personal exposure	$0.62 \\ 0.42 \\ 0.49$	0 0 0	1 1 1	741 739 738
Cassar, Grosjean and Whitt (2013)	Tajikistan	Paper's indicator Community exposure Personal exposure	$0.16 \\ 0.19 \\ 0.16$	0 0 0	1 1 1	$420 \\ 420 \\ 420$
Cecchi, Leuveld and Voors (2016)	Sierra Leone	Paper's indicator Personal exposure	$0.90 \\ 0.90$	0 0	1 1	$324 \\ 324$
De Luca and Verpoorten $(2015a)$	Uganda	Paper's indicator Community exposure	$0.29 \\ 0.29$	0 0	1 1	$4607 \\ 4607$
De Luca and Verpoorten $(2015b)$	Uganda	Paper's indicator Community exposure	$0.29 \\ 0.29$	0 0	1 1	$4607 \\ 4607$
Gilligan, Pasquale and Samii (2014)	Nepal	Paper's indicator Community exposure	$0.47 \\ 0.47$	0 0	1 1	$252 \\ 252$
Gneezy and Fessler (2012)	Israel	Paper's indicator Community exposure	$\begin{array}{c} 0.40\\ 0.40\end{array}$	0 0	1 1	50 50
Grosjean (2014)	European countries	Paper's indicator Community exposure	$0.28 \\ 0.28$	0 0	1 1	$35674 \\ 35674$
Grossman, Manekin and Miodownik (2015)	Israel	Paper's indicator Personal exposure	$0.42 \\ 0.17$	0 0	1 1	$2334 \\ 2200$
Rohner, Thoenig and Zilibotti (2013)	Uganda	Paper's indicator Community exposure	$0.67 \\ 0.54$	0 0	1 1	$2431 \\ 2431$
Voors et al. (2012)	Burundi	Paper's indicator Community exposure	$\begin{array}{c} 0.71 \\ 0.71 \end{array}$	0 0	1 1	286 286
Voors and Bulte (2014)	Burundi	Paper's indicator Community exposure	$\begin{array}{c} 0.28\\ 0.08\end{array}$	0 0	1	872 872

Table A1: Summary statistics of alternate coding of violence exposure

Paper	Country	Mean	SD	Min	Max	Ν
Annan et al. (2011)	Uganda	1.06	1.3	0	7	619
Bauer et al. (2014)	Georgia	0.49	0.5	0	1	422
Bauer et al. (2014)	Sierra Leone	3.15	1.56	0	8	586
Bauer, Fiala and Levely (2014)	Uganda	1.26	1.14	0	5	337
Bellows and Miguel (2009)	Sierra Leone	2.35	1.78	0	7	6686
Blattman (2009)	Uganda	0.75	1.01	0	6	741
Cassar, Grosjean and Whitt (2013)	Tajikistan	0.64	0.97	0	5	296
De Luca and Verpoorten $(2015a)$	Uganda	0.64	0.96	0	3	4640
Grosjean (2014)	European countries	0.6	1.2	0	8	38860
Voors et al. $(2012)^1$	Burundi	0.2	0.4	0	1	285
Voors and Bulte (2014)	Burundi	0.18	0.39	0	1	854

Table A2: Social groups participation

¹ Data for this outcome are taken from raw survey data not analyzed in the original Voors et al. (2012) paper.

Paper	Country	Participation in com- munity meetings	Helping/ volunteering in the community	Holding community leadership position	Mean	SD	Min	Max	Ν
Annan et al. (2011)	Uganda		1	1	0.06	0.23	0	1	619
Bauer et al. (2014)	Sierra Leone	✓	1		0.97	0.17	0	1	572
Bauer et al. (2014)	Uganda		1	1	0.11	0.31	0	1	337
Bellows and Miguel (2009)	Sierra Leone	✓		1	0.7	0.46	0	1	10496
Blattman (2009)	Uganda		1	1	0.09	0.29	0	1	741
Cassar, Grosjean and Whitt (2013)	Tajikistan	✓	1		0.45	0.5	0	1	396
De Luca and Verpoorten $(2015b)$	Uganda	✓			0.76	0.42	0	1	4619
Voors et al. $(2012)^1$	Burundi		1		0.2	0.4	0	1	283

Table A3: Community leadership/participation

¹ Data for this outcome are taken from raw survey data not analyzed in the original Voors et al. (2012) paper.

Table A4: Trust

Paper	Country	Trust variables	In-group	Out-group	Mean^1	SD	Ν
Annan et al. (2011)	Uganda	Considers as brothers and sister (a) neighbors,(b) members of one's tribe, (c) people from northern ethnic groups, (d) people from southern and central ethnic groups	(a) neighbors, (b) members of one's tribe	 (c) people from northern ethnic groups, (d) people from southern and cen- tral ethnic groups 	-0.01	1.00	617
Bauer et al. (2014)	Sierra Leone	Trust people from (a) fam- ily, (b) neighborhood, (c) friends, (d) another reli- gion, (e) another ethnicity, (f) people in general	 (a) family, (b) neighborhood, (c) friends 	 (d) another religion, (e) another ethnicity, (f) people in general 	0.00	1.00	585
Bauer, Fiala and Levely (2014)	Uganda	Trust people (a) in the vil- lage, (b) in the sub-county	(a) village	(b) sub-county	-0.00	1.00	335
Bellows and Miguel (2009)	Sierra Leone	Trust (a) people from the community, (b) outsiders	(a) people from the community	(b) outsiders	0.00	1.00	9605
Cassar, Grosjean and Whitt (2013)	Tajikistan	Trust people from (a) fam- ily, (b) neighborhood, (c) other religion, (d) other nationality	(a) family,(b) neighborhood	(c) other religion,(d) other nationality	-0.00	1.00	421
De Luca and Verpoorten (2015a)	Uganda	Trust in people in general		People in general	0.00	1.00	4595
Grosjean (2014)	European countries	Trust people from (a) fam- ily, (b) neighborhood, (c) friends, (d) another reli- gion, (e) another national- ity	 (a) family, (b) neighborhood, (c) friends 	(d) another reli- gion, (e) another nationality	0.00	1.00	33800
Rohner, Thoenig and Zilibotti (2013)	Uganda	Trust in (a) relatives, (b) people in general	(a) relatives	(b) people in gen- eral	-0.00	1.00	2423
Voors and Bulte (2014)	Burundi	Trust (a) people from com- munity, (b) people in gen- eral	(a) people from community	(b) people in gen- eral	0.00	1.00	860

Note: ¹The mean is calculated from a standardized measure of all trust variables for each study.

Paper	Country	Game	In-group	Out-group	Ν
Bauer et al. (2014)	Georgia	Sharing, Envy	Classmates	Subjects from a distant school	565
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	Same village	Distant village	581
Bauer, Fiala and Levely (2014)	Uganda	Trust (returned)	Nearby village		337
Cassar, Grosjean and Whitt (2013)	Tajikistan	Trust		Distant village	426
Cecchi, Leuveld and Voors (2016)	Sierra Leone	Dictator	Soccer teammates		324
Gilligan, Pasquale and Samii (2014)	Nepal	Public goods, dictator, trust	Same village		252
Gneezy and Fessler (2012)	Israel	Trust, Ultimatum	Same senior housing fa- cility		50
Voors et al. (2012)	Burundi	Social Value Orienta- tion	Same community		285

Table A5: Prosocial behavior in experimental games

 $\it Note:$ Some studies have multiple games. Descriptive statistics for each game are not shown.

Table A6: Voting

Author	Author Country Elections		Mean	$^{\rm SD}$	Min	Max	Ν
Annan et al. (2011)	Uganda	Voted in the 2006 Presidential elections; voted in the 2005 referendum	1.12	0.91	0.00	2.00	534
Bauer et al. (2014)	Sierra Leone	Voted in the last presidential general elec- tion; voted in the last local government elec- tion	1.90	0.38	0.00	2.00	585
Bauer, Fiala and Levely (2014)	Uganda	Voted in the recent election (2011)	0.85	0.35	0.00	1.00	299
Bellows and Miguel (2009)	Sierra Leone	Registered to vote for the presidential and general elections of 2002; registered to vote for the local government elections of 2004; planning on voting in the upcoming presi- dential election	0.94	0.23	0.00	1.00	10494
Blattman (2009)	Uganda	Voted in the 2001 presidential elections; voted in the 2005 referendum	0.99	0.83	0.00	2.00	473
Cassar, Grosjean and Whitt (2013)	Tajikistan	Voted in the past parliamentary elections; voted in the past presidential elections, voted in the past local elections	2.29	1.03	0.00	3.00	416
De Luca and Verpoorten $(2015b)$	Uganda	Voted in the 1996, 2006, and 2011 presiden- tial elections	0.81	0.39	0.00	1.00	4642
Grosjean (2014)	European countries	Voted in the most recent local-level elections; voted in the most recent parliamentary elec- tions; voted in the most recent presidential elections	2.02	1.23	0.00	3.00	29813
Grossman, Manekin and Miodownik (2015)	Israel	Voted in the 2013 elections	0.95	0.23	0.00	1.00	2334
Voors et al. $(2012)^1$	Burundi	Voted in the last general elections; voted in the last municipal elections; voted in the last referendum	2.84	0.54	0.00	3.00	285

 1 Data for this outcome are taken from raw survey data not analyzed in the original Voors et al. (2012) paper.

Author	Country	Variables	Mean	$^{\rm SD}$	Min	Max	Ν
Annan et al. (2011)	Uganda	Knows the name of her current LC3; knows the name of her current LC5	0.99	0.76	0.00	2.00	616
Bauer et al. (2014)	Sierra Leone	Is able to name the Local Coun- cilor from ward; is able to name the Paramount Chief for chiefdom	1.37	0.72	0.00	2.00	586
Bellows and Miguel (2009)	Sierra Leone	Is able to name the Paramount Chief for chiefdom; is able to name the Local Councilor who represents him/her in the council; knows the date of the next presidential elec- tion	1.58	0.94	0.00	3.00	5193
De Luca and Verpoorten $(2015b)$	Uganda	Frequency of discussing politics with friends, family, or neighbors	1.03	0.71	0.00	2.00	4628
Gilligan, Pasquale and Samii (2014)	Nepal	Most of the time understands what politicians are doing	0.23	0.42	0.00	1.00	231
Grosjean (2014)	European countries	Member of a political party	0.06	0.23	0.00	1.00	38447
Grossman, Manekin and Miodownik (2015)	Israel	Interested in politics; member of a political party; member of a group that advocates social and political issues	0.71	0.80	0.00	3.00	2315

Table A7: Knowledge/interest in politics



Figure A1: Exposure to wartime violence across the world

Note: The map reports the countries included in the analysis (excluding crime violence). The shading corresponds to the number of observations, such that darker colors represent larger samples of individuals.

Paper	Country	Published	Data avail- able	Comparable measures	Ν	Reason for exclusion
Beber, Roessler and Scacco (2014)	Sudan			Community, interest in politics	1,380	Data collected but pa- per not yet written.
Blattman & Hartman	Liberia		1	Groups, community, trust, voting, in- terest/knowledge of politics	9,388	Data collected but pa- per not yet written.
Gilligan, Pasquale and Samii (2014)	Nepal			Trust, voting, interest in politics	1,228	Data collected but pa- per not yet written.

Table A8: Additional studies not included in the meta-analysis

D Heterogeneity in the Effect Size Across Studies

This section analyzes how various study-level covariates moderate the effects of exposure to violence across studies. First, we analyze whether effects vary with studies' empirical strategy. Table A9 reports the identification strategy of each study, broken into several categories. Tables A10 through A13 provide more details on the method of each paper. It can be seen, for example, that almost all studies use multivariate regressions; about half control for local fixed effects; and about a third add "substantive" controls that might drive victimization. Table A14 shows the correlation between study-level empirical strategy variables.

In Table A15 we report results from a meta analysis including these study-level moderators, where the dependent variable is an index of all cooperation outcomes, using both fixed effects and random effects specifications. It can be seen that the addition of substantive controls is not significantly associated with the magnitude of the coefficient across studies. The inclusion of community fixed effects correlates with smaller coefficients, on average, but the relationship is not statistically significant at conventional levels. Studies that control for pre-war covariates tend to report larger effects, and this relationship is statistically significant in the fixed effects model. Further, the use of various sensitivity analyses is significantly associated with smaller effects size is negatively correlated with the use of instrumental variables, but the relationship is not statistically significant.

Figure A3 shows a meta analytic scatterplot of the observed effects estimated for individual studies against a continuous scale ranging from 0 to 1, capturing the strength of the causal identification. The scale is constructed from the average of the variables: *Substantive controls, FE design, Pre-war data* and *Sensitivity*. In the scale, 0 indicates little attempts to measure causal relationships and 1 indicates the use of more tools to identify a causal effect. Overall, it can be seen that studies' empirical strategy does not account for much of the variation in the effects across studies.

Second, we analyze whether the heterogeneity in the effect of violence exposure can be explained by other study-level covariates. In Table A16, we examine the moderating effect of the level of violence exposure captured in each study (personal/household level or community/district level); the length of time between the end of the conflict and the timing of each study; the type of victims (civilians or combatants); and the type of violence (war or crime). We also examine regional variation in the results. It can be seen that the effect decreases in studies measuring violence exposure on the individual level, as opposed to more aggregate levels. In addition, the effect is larger for studies that measure pro-social behaviors later in time. We also find that the effect is larger for studies in which civilians were exposed to violence, as opposed to combatants, and for studies that use crime as the measure of violence exposure.

Paper	Country	Reg. with controls	Reg. with controls and community	Substantive controls	IV	Sensitivity analysis	Pre- war data
Annan et al. (2011)	Uganda	1	FE ✓	1		✓	1
Bauer et al. (2014)	Georgia	1	1			1	
Bauer et al. (2014)	Sierra Leone	1	1				
Bauer et al. (2014)	Uganda	1	1			✓	1
Bellows and Miguel (2006, 2009)	Sierra Leone	1	1	1		1	1
Blattman (2009)	Uganda	1	1	1		✓	1
Cassar et al. (2013)	Tajikistan	1	1			✓	1
Cecchi et al. (2015)	Sierra Leone	1				✓	
De Luca and Verpoorten (2015a)	Uganda	1			1	1	1
De Luca and Verpoorten (2015b)	Uganda	1			1	1	1
Gilligan et al. (2014)	Nepal	1					1
Gneezy and Fessler (2012)	Israel						
Grosjean (2014)	European countries	1	1	1			
Grossman et al. (2015)	Israel	1			1	1	
Rohner et al. (2013)	Uganda	1			1	✓	1
Voors et al. (2012)	Burundi	1	1	1	1	✓	1
Voors and Bulte (2014)	Burundi	1	1	1	1	✓	1

Table A	A9:	Emp	pirical	Strategy
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	Author's control for bias?	The study's estimates are weighted by inverse sampling probabilities and inverse attrition probabilities.	To control for measurement bias in children's reporting of victimiza- tion, the study correlates victimiza- tion, the study correlates victimiza- tion measures reported by their teach- ers. To account for selection bias, the study analyzes rural and urban subsamples, a subsample of children who come from areas not known to fighters, and a model with region fixed effects, finding similar results.	The study notes that households of community leaders may have been selectively targeted; In an analysis of the characteristics predicting vi- olence exposure, it finds few signif- icant variables.	The study shows that the the re- sults hold when including village fixed effects, as well as when di- viding the data into subsamples. The study also conducts a sensi- tivity analysis to examine selec- tive survival, and finds some evi- dence that non-cooperative individ- uals were less likely to survive.	The study controls for a set of post-war and pre-war characteris- tics that can predict postwar po- lifical and socioeconomic outcomes. To minimize selection, it analyzes subsamples that were less likely to be targeted, such as individuals who were too young to be prewar com- munity leaders. To rule out attri- tion due to migration, the study an- alyzes a subsample of individuals in the war, and finds similar results.
	election/ urvival/ ttrition ias	S S S S S S S S S S S S S S S S S S S	s	S S S S S S S S S S S S S S S S S S S	ω	ά Ω
	Unit of S analysis si of IV a b	individual Y	individual Y	individual Y	individual Y	individual Y
	Unit of analysis of DV	individual	individual	individual	individual	individual
	ve Type of violence exposure	Personal, on fam- ily	Personal, on fam- ily	Personal, on fam- ily	Personal, on fam- ily	On fam- ily
20	Substantiv con- trols?	Υ_{es}	°	°Z	Yes	Yes
	Pre-war data?	Yes, retro- spective	°z	oN	Yes, retro- spective	Yes, retro- spective
•	Controls	age, parents' education, parents' died before the war, HH size before the war, HH covariates	age, gender, brother, sister	age, gender, brothers, sis- ters, education, religion, ethnicity	age, family size, parents' education, parents alive before the war, income, HH size, married, literacy, education, wealth, experi- mental counterpart is male	age, gender, education, traditional leader; pre- war: HH head educa- tion, HH head traditional leader, HH head commu- nity leader
	Author's self-described identification method	A regression of the out- come on an abduction indicator, controlling for pre-abduction covariates and sub-county fixed effects. Regressions are weighted by the inverse of an estimate of the propen- sity scores of attrition and abduction. Abduction was plausibly as-if random.	A regression of the out- come on a violence ex- posure indicator, control- ling for demographic vari- ables. Violence expo- sure is plausibly exogenous because Russian soldiers could not have selected volved aerial, artillery, and tank fire bombings, was short, and soldiers did not have prior knowledge of the local population.	A regression of the out- come on a violence ex- posure indicator, control- ling for demographic vari- ables. The authors pre- selected villages for the study based on evidence from Bellows & Miguel (2009) indicating substan- tial variation in war expo- sure.	A regression of the out- come on an indicator of abduction to the LRA, controlling for individual characteristics. Abduction was plausibly as-if ran- dom.	A regression of the out- come variable on a vi- olence exposure variable, controlling for individual characteristics, with enu- meration area fifteds. The attacks on villages were indiscriminate.
	Method	OLS with controls, sub-county fixed effects.	OLS with controls	OLS with controls	OLS with controls	OLS with controls, enumeration area fixed effects.
	Country	Uganda	Georgia	Sierra Leone	Uganda	Sierra Leone
	Paper	Annan et al. (2011)	Bauer et al. (2014)	Bauer et al. (2014)	Bauer, Fiala, and Levely (2014)	Bellows and Miguel (2006, 2009)

Table A10: Empirical Strategy

	c			mounduir anti oron-	(Goom to c		Ę	9	9	1	0
Paper	Country	Method	Author's self-described identification method	Controls	Pre-war data?	Substantiv con- trols?	e Type of violence exposure	Unit of analysis of DV	Unit of analysis of IV	Selection/ survival/ attrition bias	Author's control for bias?
Blattman (2009)	Uganda	OLS with controls, sub-county fixed effects	A regression of the out- come on an abduction indicator, controlling for pre-abduction covariates and sub-county fixed effects. Regressions are weighted by the inverse of an estimate of the propen- sity scores of attrition and abduction. Abduction was plausibly as-if random.	age, parents' education, parents' died before the war, HH size before the war, HH covariates	Yes, retro- spective	Yes	Personal, on fam- ily	individual	individual	Yes	The study's estimates are weighted by inverse sampling probabilities and inverse attrition probabilities.
Cassar, Grosjean, and Whitt (2013)	Tajikistan	OLS with controls, village fixed effects	A regression on the out- come on a violence expo- sure variable, controlling for individual and house- hold characteristics, and village fixed effects.	age, gender, HH member in communist party, ed- ucation, ethnicity region lived during the conflict	Partial, retro- spective	Yes	Personal, on fam- ily	individual	individual	Yes	To account for selection, the study analyzes a subsample of individuals who were too young to be systemat- ically targeted, as well as individu- als who never migrated out of their villages.
Cecchi et al. (2015)	Sierra Leone	OLS with controls	A regression of the out- come on a violence expo- sure variable, controlling for individual characteris- tics. The key identifying assumption is that expo- sure to violence was exoge- nous with respect to indi- vidual characteristics.	age, education, meals per day, religion, ethnicity, played whole game, self- declared football skills, scored, left footed, won football game	No	No	Personal, on fam- ily	individual	individual	Yes	The study restricts its conclusions to individuals in one locality with varying degrees of violence expo- sure, and acknowledges that its con- clusions may not generalize, be- cause of selective migration.
De Luca and Ver- poorten (2015a)	Uganda	Diff-in-diff with district fixed effects	A difference-in-differences estimation, where the treatment is the logged number of violent events in a district taking place be- tween the implementation of the 2000 (pre-conflict) and 2005 (ongoing con- flict), and the 2212 (end of the conflict) Afrobatom- eter survey rounds. The model compares changes in social capital between survey rounds across dis- tricts with low levels of violence and districts with high levels of violence.	age, gender, urban/rural, ethnicity, education, dis- trict fixed effects, and district-level characteris- tics interacted with the post-conflict year, includ- ing violence perpetrated by other groups during the time span considered and ethnic fractionalization	Yes, prospec- tive	Yes	District- level violent events	individual	District	Yes	The study uses Afrobarometer sur- vey data, which was not collected in highly insecure areas during the conflict, highly insecure enumera- tion areas were replaced by more safe areas within the same district. The study also examines the impact of selective migration across survey rounds on the results and finds little evidence that the results are driven by migration.
De Luca and Ver- poorten (2015b)	Uganda	Diff-in-diff with district fixed effects	A difference-in-differences estimation, where the treatment is the logged number of violent events in a district taking place be- tween the implementation of the 2000 (pre-conflict) and 2005 (ongoing con- flict), and the 2008 and 2012 (end of the conflict) Afrobarometer survey rounds. The model com- pares changes in social capital between survey rounds across districts with low levels of violence.	age, gender, urban/rural, ethnicity, education, dis- trict fixed fefects, and district-level characteris- tics interacted with the post-conflict year, includ- ing violence perpetrated by other groups during the time span considered and ethnic fractionalization	Yes, prospec- tive	Yes	District- level violent events	individual	District	Yes	The study uses Afrobarometer sur- vey data, which was not collected in highly insecure areas during the conflict, highly insecure enumera- tion areas were replaced by more- safe areas within the same dis- trict. It also examines the valid- ity of the difference-in-differences model assumption and finds that districts affected by violence had similar trends in electoral turnout as districts not affected by violence. In addition, ite examines the impact of selective migration and finds that it does not drive the results.

Table A11: Empirical Strategy (Cont.)

Author's control for bias?	The study points to the unpre- dictable fighting pattern during the conflict, a function of both the na- ture of the insurgency and the coun- try's rough terrain, as a source of exogeneity. As a result, very simi- lar communities were arbitrarily ex- posed to different levels of violence.	The study does not provide infor- mation on mitigating biases.	The study acknowledges that vic- timization may have not been ran- dom, but points to the fact that vic- timization during WWII was oper- ating on respondents' parents and grandparents, mitigating selection concerns with respect to respon- dents. To account for selective migration, the study restricts the analysis to a subsample of individ- uals who never moved.	The study argues that its instru- ment for combat experience, sol- diers' health ranking, its valid be- cause it does not correlate with household income, which may be re- lated to political attitudes; it also argues that sorting into a health raking is unlikely because of the comprehensive nature of the med- ical examination.
Selection/ survival/ attrition bias	Yes	Yes?	Yes	Yes
Unit of analysis of IV	Village Devel- Com- mittee (VDC), simi- lar to county	Time pe- riods of violence (national)	individual	individual
Unit of analysis of DV	individual	individual	individual	individual
 Type of violence exposure 	Village- level sures of fatalities	Timing: war vs. peace	Personal, on fam- ily	Personal
Substantive con- trols?	Yes	No	°Z	No
Pre-war data?	Yes, prospec- tive	No	°N	°N
Controls	matching covariates at the VDC level (in 2001): Maoist control, an indi- cator for the first hosted armed confrontations up to 2001; an indicator of which ethnic group was the plurality in the VDC; elevation; population, unemployment, illiteracy, school absenteeism,	No controls	age, religion, employment, education, HH size, Com- munist party membership, ethnicity, PSU fixed effects fects, country fixed effects	No controls
Author's self-described identification method	A matching of communi- ties with high levels of violence and those with no violence and those with of the outcome on a vi- olence exposure indicator on the ward level, with a matching block fixed ef- fect. The model is fit- ted using weighted least squares, where the weight- ing accounts for differ- ences between the sam- ple and population distri- butions over the matching blocks. Standard errors are clustered at the ward level.	Difference in outcome means between wartime and peacetime games.	A regression of the out- come on a violence expo- sure indicator, controlling for type of conflict (inter- national conflict won, lost, or a civil conflict, individ- ual and household charvac- teristics, country and PSU fixed effects.	A a two-stage least square (2SLS) instrumental vari- able (1Y) regression with no controls. The IV model estimates the effect of combat exposure on the outcome variable using a health profile score as a bi- nary instrument that takes the value of 1 for combat- eligible soldiers, and 0 oth- erwise.
Method	WLS with matching and matched- pair block fixed effects.	OLS	OLS with controls, controls, entry fixed effects and PSU (village, suburb) fixed effects.	2
Country	Nepal	Israel	European coun- tries	Israel
Paper	Gilligan, Pasquale, and Samii (2014)	Gneezy and Fessler (2012)	Grosjean (2014)	Grossman, Manekin, and Miodownik (2015)

Table A12: Empirical Strategy (Cont.)

I.				
	Author's control for bias?	The study argues that concerns of reverse causality are mitigated by the fact that the outcome is mea- sured three years after the end of the conflict. As a robustness, it instruments violence exposure with distance to Sudan. To account for selective migration, the the study notes that by the time of the survey, noes that by the time of the survey, not displaced individuals returned to their homes; in addition, most the the surd not across counties.	The study points to the indiscrim- inate nature of the conflict to ar- gue that violence exposure was arbi- trary, which is supported by a com- parison of communities targeted and not targeted by violence. An examination of migration patterns shows that selection due to migra- tion is unlikely to drive the results.	The study examines the likelihood that the results are driven by attri- tion or selection bias using instru- mental variables and pre-war data, and find little evidence for bias due to attrition or selection.
	Selection/ survival/ attrition bias	Yes	Yes	Yes
	Unit of analysis of IV	District/ county	village/ individ- ual	individual
	Unit of analysis of DV	individual	individual	individual
/	ive Type of violence exposure	District- level violent events	Comm. level share of war related deaths	Personal, on fam- ily
	Substant con- trols?	Yes	Yes	Yes
Ő	Pre-war data?	Yes, prospec- tive	No	Yes, retro- spective
···· · · · · · · · · · · · · · · · · ·	Controls	Pre-war (district-level) trust; ethnic-group spe- cific controls; individual level controls: age, educa- tion, employment, gender, rural/urban, religion, ownership of TV/radio; district level population, district level population, distri	individual level: liter- acy, age, gender; village level: land holdings per capita, lang uage, Gini co- efficient, distance to mar- ket, conflict over land, eth- nic homogeneity, socioeco- nomic homogeneity, popu- lation density, total expen- diture per capita, 1998 HH controls, stratum fixed ef- fects	individual level: age, gen- der, education, wealth, pre-war ownership of live- stock or farmed cash crops. Village level: distance to an agricultural market, a Gini variable measuring land inequality
	Author's self-described identification method	A regression of the outcome on a violence exposure variable, con- trolling for pre-conflict trust level, county/ district-level, ethnic-group level, and individual-level characteristics.	A regression of the out- come on a violence expo- sure variable, controlling for individual and village- level characteristics, and stratum fixed effects.	A regression of the out- come on a violence expo- sure variable, controlling for individual and village level characteristics, and community fixed effects.
	Method	OLS with controls, IV	OLS with controls, stratum fixed effects	OLS with controls and community fixed effects, IV
	Country	Uganda	Burundi	Burundi
	Paper	Rohner, Thoenig, botti (2013)	Voors et al. (2012)	Voors and Bulte (2014)

Table A13: Empirical Strategy (Cont.)

	Substantive controls	FE design	Pre-war data	Sensitivity	IV
Substantive controls	1.00	0.62	0.12	0.12	-0.03
FE design	0.62	1.00	0.03	0.10	-0.38
Pre-war data	0.12	0.03	1.00	0.38	0.12
Sensitivity	0.12	0.10	0.38	1.00	0.41
IV	-0.03	-0.38	0.12	0.41	1.00

Table A14: Correlation matrix

Table A15: Sources of Heterogeneity in Meta Analysis Results: Empirical Strategy

	De	pendent vari	iable: index	x of cooperation	on outcomes	
	F	ixed effects h moderators	S	Ran with (M	ndom effects n moderators ixed effects)	5
	Coefficient	Std. Err.	p-value	Coefficient	Std. Err.	p-value
Intercept	0.14***	0.02	0.00	0.13*	0.07	0.06
Substantive controls	-0.03 0.02 0.21		0.21	0.00	0.07	0.97
FE design	-0.06	0.03	0.10	-0.10	0.08	0.19
Pre-war data	0.16^{***}	0.02	0.00	0.08	0.05	0.17
Sensitivity	-0.14***	0.02	0.00	0.00	0.07	0.99
Instrumental variables	-0.02	0.02	0.31	-0.10	0.07	0.13
		N Total :	Number of number of	studies: 17 subjects: 60,9	989	

Note: *p<0.10, ** p<0.05, *** p<0.01.

The table reports meta analysis results when including study-level covariates in the models. Substantive controls is an indicator for studies that control for confounders that associate with risk of violence exposure; FE design is an indicator for studies that use community-fixed effects, comparing neighbors within the same community; Prewar data indicates studies that control for pre-war covariates; Sensitivity is an indicator for studies that conduct various robustness tests to strengthen main results; and Instrumental variables indicates studies that use instrumental variables to for causal identification.

† This analysis excludes crime data.

	De	pendent vari	iable: index	x of cooperation	on outcomes	
	F	ixed effects h moderator	S	Ran with (M	ndom effects n moderators ixed effects)	8
	Coefficient	Std. Err.	p-value	Coefficient	Std. Err.	p-value
		Personal	$exposure^1$	(K=17, N=60	0,989)	
Intercept Personal exposure	0.14*** -0.09***	$\begin{array}{c} 0.01 \\ 0.01 \end{array}$	$\begin{array}{c} 0.00\\ 0.00 \end{array}$	0.12** -0.07	$\begin{array}{c} 0.05 \\ 0.05 \end{array}$	$\begin{array}{c} 0.01 \\ 0.22 \end{array}$
		Years sin	nce war ^{1,2}	(K=16, N=28	3,873)	
Intercept Years since war	-0.01 0.01***	$\begin{array}{c} 0.01 \\ 0.00 \end{array}$	$\begin{array}{c} 0.35 \\ 0.00 \end{array}$	$\begin{array}{c} 0.04 \\ 0.01 \end{array}$	$\begin{array}{c} 0.06 \\ 0.01 \end{array}$	$0.49 \\ 0.45$
	Vio	lence exposi	ire as a cii	vilian ¹ ($K=17$, N=60,989)	I
Intercept Civilian	-0.02 0.09***	$0.02 \\ 0.02$	0.29 0.00	$\begin{array}{c} 0.05 \\ 0.03 \end{array}$	$\begin{array}{c} 0.05 \\ 0.06 \end{array}$	$\begin{array}{c} 0.31 \\ 0.56 \end{array}$
	Crin	ne vs. war v	iolence exp	oosure (K=21,	N=125,416)
Intercept Crime	0.07^{***} 0.01^{**}	$0.00 \\ 0.01$	$\begin{array}{c} 0.00\\ 0.02 \end{array}$	0.08^{***} 0.03	$\begin{array}{c} 0.02 \\ 0.05 \end{array}$	$\begin{array}{c} 0.00\\ 0.58\end{array}$
		Reg	ion^1 (K=1	7, N=60,989))	
Intercept (Africa) Asia Europe	0.10*** -0.16*** -0.05***	$0.01 \\ 0.02 \\ 0.01$	$\begin{array}{c} 0.00 \\ 0.00 \\ 0.00 \end{array}$	0.10*** -0.08 -0.07	$0.03 \\ 0.06 \\ 0.07$	$0.00 \\ 0.19 \\ 0.32$

Table A16: Sources of Heterogeneity in Meta Analysis Results: Other study-level covariates

Note: *p<0.10, ** p<0.05, *** p<0.01.

The table reports meta analysis results when including study-level covariates in the models. Each panel represents a separate regression. *Personal exposure* indicates studies for which exposure to violence is on the personal/household level, as opposed to community/district level; *Years since war* measures the length of time between the end of the conflict and the timing of each study; *Civilian* is an indicator for studies in which civilians were exposed to violence, as opposed to combatants; *Crime* indicates studies for which violence exposure is crime; Finally, *Africa, Asia,* and *Europe* are indicators for studies' location.

¹ This analysis excludes crime data.

 2 Grosjean (2014) is dropped from the analysis because of high variability in years since war variable.



Figure A2: The effect of war violence exposure over time and versus crime-related violence

Note: The left panel shows meta-analytic scatterplot of the observed effects estimated for individual studies, where the dependent variable is an index of all cooperation outcomes, plotted against the length of time between the end of the conflict and the timing of each study. The right panel plots the observed effects against an indicator of war/crime violence exposure. The point sizes are proportional to the inverse of the standard errors, which means that studies with larger samples have larger points. The predicted average effects are added to the plot (with corresponding 95% confidence interval bounds, calculated from a fixed effects model). The Grosjean (2014) study is dropped from the analysis of the left panel because of high variability in years since war variable.



Figure A3: The effect of violence exposure as a function of causal inference design

Note: This is a meta analytic scatterplot, showing the observed effects estimated for individual studies, where the dependent variable is an index of all cooperation outcomes, plotted against a causal inference scale. The scale ranges from 0 to 1, where 0 indicates little attempts to measure causal relationships and 1 indicates studies using more tools to causally identify the effect of exposure to violence. The scale is constructed from variables capturing studies' use of community fixed effects, pre-war data, substantive controls, and sensitivity analysis. The point sizes are proportional to the inverse of the standard errors, which means that studies with larger samples have larger points. The predicted average effect is added to the plot (with corresponding 95% confidence interval bounds).

D.1 Calculating the time since war exposure

In Table 1 in the main paper, as well as in table A16 above, we use a measure of time since war exposure for each study. Since studies vary in the measurement of war exposure, as well as in their recording of the specific year(s) in which individuals were exposed to violence, we construct this measure based on the availability of data in each study. For studies that have no information on the timing of violence exposure, we calculate the number of years between the end of the conflict and the data collection. For studies that have more information on the timing of violence exposure, we use this information to construct a more precise measure of the years since war exposure. The table below details our calculation of the time between war violence exposure and the data collection for each study.

		0	1		
Paper	Country	Conflict	Data collection	Time since war exposure	Calculation of Time since war expo- sure
Annan et al. (2011)	Uganda	Lord's Resistance Army (LRA) insurgency (1986-2006)	2005-7	~ 7 years	Length of time between the mean year of abduction (2000) and the data collection.
Bauer et al. (2014)	Georgia and Sierra Leone	Georgia: war with Russia over South Ossetia (2008); Sierra Leone: civil war (1991-2002)	Georgia: 2009; Sierra Leone: 2010	Georgia: 6 months, Sierra Leone: 8 years	Length of time between the end of the conflicts and the data collection
Bauer, Fiala, and Levely (2014)	Uganda	Lord's Resistance Army (LRA) insurgency (1986-2006)	2011	5 years	Length of time between the end of the conflict and the data collection
Bellows and Miguel (2006, 2009)	Sierra Leone	Civil war (1991-2002)	2005, 2007	3-5 years	Length of time between the end of the conflict and the data collection
Blattman (2009)	Uganda	Lord's Resistance Army (LRA) insurgency (1986-2006)	2005-6	~ 5 years	Length of time between the mean year of abduction (2000) and the data collection.
Cassar, Grosjean, and Whitt (2013)	Tajikistan	Civil war (1992-1997)	2010	13 years	Length of time between the end of the conflict and the data collection
Cecchi et al. (2015)	Sierra Leone	Civil war (1991-2002)	2010	8 years	Length of time between the end of the conflict and the data collection
De Luca and Ver- poorten (2015a)	Uganda	Lord's Resistance Army (LRA) insurgency (1986-2006)	2000, 2005, 2012	12 years	Length of time between the pre-war survey round (2000) and the post- war survey round (2012)
De Luca and Ver- poorten (2015b)	Uganda	Lord's Resistance Army (LRA) insurgency (1986-2006)	2000, 2005, 2012	12 years	Length of time between the pre-war survey round (2000) and the post- war survey round (2012)
Gilligan, Pasquale, and Samii (2014)	Nepal	Civil war (1996-2006)	2009-10	3 years	Length of time between the end of the conflict and the data collection
Gneezy and Fessler (2012)	Israel	Israel-Hezbollah war (2006)	2005-7	1 year	Length of time between the end of the conflict and the data collection
Grosjean (2014)	35 countries in Europe, the Caucasus and Central Asia	WWII (1939-1945); Yugoslav wars (1991-5); Kosovo war (1998-9); Tajik civil war (1992-7); Chechen wars (1994-2009); Kyrgyzstan clashes (2010)	2010	5 months – 65 years	Length of time between the end of the conflicts and the data collection
Grossman, Manekin, and Miodownik (2015)	Israel	Israeli-Palestinian conflict (1967+)	2013	1-12 years	Length of time between combatant violence exposure in the first and second Intifadas and the data col- lection
Rohner, Thoenig, and Zilibotti (2013)	Uganda	Lord's Resistance Army (LRA) insurgency (1986-2006)	2000, 2008	8 years	Length of time between the pre-war survey round (2000) and the post- war survey round (2008)
Voors et al. (2012)	Burundi	Civil war (1993-2005)	2007, 2009	4-6 years	Length of time between the study's recorded attacks on villages be- tween 1993-2003 and the data col- lection
Voors and Bulte (2014)	Burundi	Civil war (1993-2005)	2007	4 years	Length of time between the study's recorded attacks on villages be- tween 1993-2003 and the data col- lection
De Juan and Pierskalla (2014)	Nepal	Civil war (1996-2006)	2003	0 years	Length of time between the 2003 cease fire and the data collection
Hartman and Morse (2015)	Liberia	Civil war (1989-2003)	2013	10 years	Length of time between the end of the conflict and the data collection
Shewfelt (2009)	Indonesia, Bosnia and Herzegovina, USA (Vietnam veterans)	Indonesia: insurgency in Aceh (1976-2005); B&H: civil war (1992-1995); USA: Vietnam war (1955-1975)	Indonesia: 2007; Bosnia: 2006; USA: 1986	1-11 years	Length of time between the end of the conflicts and the data collection

Calculating the time since war exposure

E Additional Results

E.1 Study-by-study meta-analysis results

Figures A4 - A25 report study-by-study meta-analysis results for fixed-effects and random-effects models. The results are reported in forest plots, in which each line represents an estimate for one study, and the size of the square for each study reflects the its weight in the meta-analysis. Studies with more observations receive a higher weight. The forest plots also report 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the plots. The coefficients in the plot are derived from studies' regressions where the independent variable is a binary indicator of violence exposure, and the various outcome variables are standardized.

E.2 Meta-analysis results with alternative independent variables

As the effects of exposure to violence might be different for different types of violence, we also analyze the results using alternative independent variables: standardized continuous measures; standardized measures of the respondent's direct or personal exposure to violence (e.g., being beaten or injured); and of direct and indirect exposure to violence (e.g., through the household or community's exposure).

Table A17 reports the results. The top panel reports coefficients from a meta-analysis using standardized measures of violence exposure; the middle panel reports the results using standardized measures of exposure to violence at the community level; and the bottom panel reports the results using standardized measures of personal exposure. Overall, we find similar results in all these analyses, where social group participation and community leadership/participation robustly hold across specifications. In some estimations of personal exposure we find negative coefficients on some of the outcomes, but these results should be taken with caution because of the small number of studies measuring personal, direct exposure to violence.

E.3 Meta Regression Analysis of reported t-statistics

As a robustness test, we employ a Meta Regression Analysis (MRA) of reported t-statistics (Stanley and Jarrell, 1989). Our main results are limited to studies for which we have raw replication data. In order to examine results from additional studies, we extracted the t-statistics of results reported in papers by dividing reported coefficients by their standard errors. We prefer t-statistics to regression coefficients to measure effect sizes, because coefficients in our sample are not comparable as a result of heterogeneity across studies in the measurement of the dependent and independent variables. As Stanley and Jarrell (1989) recommend, a t-statistic can be used as a standardized measure of the coefficient of interest.

We estimate an ordinary least squares model in which the dependent variable is the t-statistic reported in each paper, and the independent variable is a weight calculated as the inverse of each paper's standard error. In the meta regression, we control for the number of observations in each study. In addition, for the behavioral games outcome, which employs several game measures from the same context, we add a control for the country of each study.

Results are reported in Table A18. It can be seen that the coefficients on social group participation and prosoical behavior in experimental games are positive and significant, corroborating our main results. The coefficients for community participation and interest in politics also positive but are not significant at conventional levels. This is partly because of the small number of studies reporting such results for these outcomes (N = 4). Finally, we do not find statistically significant coefficients for trust or voting, similar to our analysis of the raw data.

E.4 Meta-analysis results including crime

We also estimated the results by including additional data on exposure to crime violence across the globe (Bateson, 2012). We estimated the same models reported in the main paper. Table A19 reports the results. Overall, we find that violence exposure is associated with a statistically significant increase in the prosociality summary index. The fixed-effects coefficient is 0.08 standard deviation units (s.e. 0.00, P-value<0.01), and the random-effects coefficient is 0.08 (s.e. 0.02, P-value<0.01).

Looking at the results for different types of outcomes, we find, in both fixed-effects and random effects models, positive and statistically significant coefficients for participation in social groups, community leadership and participation, prosocial behavior in experimental games, and knowledge of politics. We do not find positive and significant effects for voting and trust.

E.5 Main results in forest plots: Fixed effects models

Figure	A4
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Prosocial Index (Mean Ef	fects)		
Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda	: + := - 1	0.04 [-0.04 , 0.12]
Bauer et al. (2014)	Georgia	: ••••	-0.01 [-0.10 , 0.09]
Bauer et al. (2014)	Sierra Leone	, ■_	0.04 [-0.04 , 0.13]
Bauer et al. (2014)	Uganda	⊨≖⊣	0.19[0.09,0.30]
Bellows and Miguel (2009)	Sierra Leone	=	0.06 [0.04 , 0.08]
Blattman (2009)	Uganda	⊢ ∎-1	0.10[0.03,0.18]
Cassar et al. (2013)	Tajikistan	⊢ =−1	0.03 [-0.07 , 0.13]
Cecchi et al. (2016)	Sierra Leone		0.28 [0.18 , 0.38]
De Luca and Verpoorten (2015a)	Uganda	HEN	0.17 [0.14 , 0.20]
De Luca and Verpoorten (2015b)	Uganda	H	0.18 [0.15 , 0.21]
Gilligan et al. (2014)	Nepal	j ∎i	0.13 [0.00 , 0.25]
Gneezy and Fessler (2012)	Israel	⊦ <u>∶</u> ∎−−−−4	0.16 [-0.11,0.43]
Grosjean (2014)	European countries		0.06 [0.05 , 0.07]
Grossman et al. (2015)	Israel	Heri	-0.10 [-0.14 , -0.06]
Rohner et al. (2013)	Uganda	H a ri	0.01 [-0.03 , 0.05]
Voors et al. (2012)	Burundi	⊢ ∎;	-0.10 [-0.22 , 0.02]
Voors and Bulte (2014)	Burundi	H=-1	0.11 [0.05 , 0.18]
FE Model for All Studies		•	0.07 [0.06 , 0.08]
		-0.40 0.00 0.40	
		Standardized coefficient	

Note: The figure shows a forest plot of fixed-effects meta-analysis results for the summary index (mean effects), calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure A5	
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Author(s) and Year	Country			Coefficient [95% Cl
Annan et al. (2011)	Uganda	┝╼┥		–0.10 [–0.18 , –0.02]
Bauer et al. (2014)	Georgia	⊢ ∎1	· • •	–0.22 [–0.32 , –0.11]
Bauer et al. (2014)	Sierra Leone		┝╼┥	0.19[0.12,0.27]
Bauer et al. (2014)	Uganda		⊢=-1	0.38 [0.29 , 0.47]
Bellows and Miguel (2009)	Sierra Leone		· · · Imi	0.09 [0.07 , 0.12]
Blattman (2009)	Uganda	⊢ =	: 	-0.03 [-0.10 , 0.04]
Cassar et al. (2013)	Tajikistan			0.63 [0.56 , 0.70]
De Luca and Verpoorten (2015a) Uganda		H ari	0.22 [0.19 , 0.24]
Grosjean (2014)	European countries			0.09 [0.08 , 0.10]
Voors et al. (2012)	Burundi	⊢	· • •	–0.18 [–0.30 , –0.07]
Voors and Bulte (2014)	Burundi		┝━┥	0.28 [0.21 , 0.34]
FE Model for All Studies			٠	0.11 [0.10 , 0.12]
	-1	0.40 0.4	00 0.40 0.8	0

Social Group Participation

Standardized coefficient

Note: The figure shows a forest plot of fixed-effects meta-analysis results for social groups participation, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Community Leadership/Participation

Author(s) and Year	Country			Coefficient [95% CI]
Annan et al. (2011)	Uganda		⊢ ∎-1	0.10 [0.02 , 0.18]
Bauer et al. (2014)	Sierra Leone		⊢ ∎-1	0.22 [0.15 , 0.30]
Bauer et al. (2014)	Uganda		}_ ∎_4	0.11 [0.00 , 0.22]
Bellows and Miguel (2009)	Sierra Leone			0.06 [0.04 , 0.08]
Blattman (2009)	Uganda		⊢ ⊷1	0.16 [0.09 , 0.24]
Cassar et al. (2013)	Tajikistan		+=	⊣ 0.66 [0.60 , 0.71]
De Luca and Verpoorten (2015b) Uganda			0.27 [0.24 , 0.30]
Voors et al. (2012)	Burundi	⊢ ∎1		-0.28 [-0.39 , -0.17]
FE Model for All Studies			•	0.16[0.14,0.17]
		-0.40 0.	.00 0.40	0.80
		Standa	rdized coefficier	ıt

Note: The figure shows a forest plot of fixed-effects meta-analysis results for community leadership/participation, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A7
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Trust (All types)

Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda		0.06 [-0.02 , 0.14]
Bauer et al. (2014)	Sierra Leone		-0.14 [-0.22 , -0.06]
Bauer et al. (2014)	Uganda	⊢ ∎-1	0.27 [0.17 , 0.37]
Bellows and Miguel (2009)	Sierra Leone	•	0.07 [0.05 , 0.09]
Cassar et al. (2013)	Tajikistan +++		-0.71 [-0.76 , -0.66]
De Luca and Verpoorten (2015a)	Uganda		0.11 [0.08 , 0.14]
Grosjean (2014)	European countries	: : :	0.00 [-0.01 , 0.01]
Rohner et al. (2013)	Uganda	: : :	0.01 [-0.03 , 0.05]
Voors and Bulte (2014)	Burundi 🛏		-0.05 [-0.11 ,0.02]
FE Model for All Studies		•	0.00 [-0.01 ,0.01]
	I	: 	
	-1.00 -0.50 0	.00 0.50	
	Standardized coe	efficient	

Note: The figure shows a forest plot of fixed-effects meta-analysis results for trust, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A8
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Author(s) and Year Country Coefficient [95% CI] Annan et al. (2011) Uganda 0.12 [0.04 , 0.20] Bauer et al. (2014) Sierra Leone -0.19 [-0.27 , -0.12] Bauer et al. (2014) Uganda 0.19 [0.09 , 0.29] Bellows and Miguel (2009) Sierra Leone 0.02 [0.00 , 0.03] Grosjean (2014) European countries -0.01 [-0.03 , 0.00] Rohner et al. (2013) Uganda 0.04 [0.00 , 0.08] Voors and Bulte (2014) Burundi 0.14 [0.08 , 0.21] FE Model for All Studies 0.00 [-0.01 , 0.01] Γ -0.40 0.00 0.40 Standardized coefficient

In-group Trust

Note: The figure shows a forest plot of fixed-effects meta-analysis results for trust in in-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure 4	A9
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Out-group Trust



Note: The figure shows a forest plot of fixed-effects meta-analysis results for trust in out-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country	Game	Coefficient [95% CI]
Bauer et al. (2014)	Georgia	Sharing, Envy	0.11 [0.02 , 0.21]
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	–0.01 [–0.09 , 0.08]
Bauer et al. (2014)	Uganda	Trust (returned) ⊢∎→	0.21 [0.11 , 0.32]
Cassar et al. (2013)	Tajikistan	Trust (returned)	-0.08 [-0.22 , 0.06]
Cassar et al. (2013)	Tajikistan	Trust (sent) ⊢∎∺	–0.06 [–0.15 , 0.04]
Gilligan et al. (2014)	Nepal	Public goods	0.35 [0.24 , 0.46]
Gilligan et al. (2014)	Nepal	Dictator	0.19 [0.07 , 0.31]
Gilligan et al. (2014)	Nepal	Trust (sent)	0.48 [0.34 , 0.62]
Gilligan et al. (2014)	Nepal	Trust (returned)	0.34 [0.19 , 0.50]
Gneezy and Fessler (2012)	Israel	Trust (sent)	–0.07 [–0.34 , 0.21]
Gneezy and Fessler (2012)	Israel	Trust (returned)	0.36 [0.22 , 0.50]
Gneezy and Fessler (2012)	Israel	Ultimatum (sent)	0.16 [-0.12 , 0.43]
Gneezy and Fessler (2012)	Israel	Ultimatum (rejected)	0.36 [0.25 , 0.47]
Voors et al. (2012)	Burundi	SVO +	0.08 [-0.04 , 0.19]
FE Model for All Studies		•	0.16[0.13,0.19]
		-0.40 0.00 0.40	0.80
		Standardized coeffic	cient

Figure A10

Prosocial behavior in Experimental Games

Note: The figure shows a forest plot of fixed-effects meta-analysis results for prosocial behavior in experimental games, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A11
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Author(s) and Year	Country	Game		Coefficient [95% CI]
Bauer et al. (2014)	Georgia	Sharing, Envy ⊢	∎1	0.20[0.08, 0.33]
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	-	0.10 [-0.02 , 0.21]
Bauer et al. (2014)	Uganda	Trust (returned)	∎⊣	0.21 [0.11 , 0.32]
Gilligan et al. (2014)	Nepal	Public goods	⊢∎⊣	0.35 [0.24 , 0.46]
Gilligan et al. (2014)	Nepal	Dictator H	∎1	0.19[0.07, 0.31]
Gilligan et al. (2014)	Nepal	Trust (sent)	⊢∎→	0.48 [0.34 , 0.62]
Gilligan et al. (2014)	Nepal	Trust (returned)	⊢∎→	0.34 [0.19 , 0.50]
Gneezy and Fessler (2012)	Israel	Trust (sent)	-	–0.07 [–0.34 , 0.21]
Gneezy and Fessler (2012)	Israel	Trust (returned)	⊢∎→	0.36 [0.22 , 0.50]
Gneezy and Fessler (2012)	Israel	Ultimatum (sent)	 i	0.16 [-0.12 , 0.43]
Gneezy and Fessler (2012)	Israel	Ultimatum (rejected)	⊢∎⊣	0.36 [0.25 , 0.47]
Voors et al. (2012)	Burundi	SVO 🛏	4	0.08 [-0.04 , 0.19]
FE Model for All Studies			•	0.25 [0.21 , 0.29]
		r t i		7
	-0.40 0.00 0.40 0.80			0.80
	Standardized coefficient			

Prosocial towards In-group in Experimental Games

Note: The figure shows a forest plot of fixed-effects meta-analysis results for prosocial behavior in experimental games towards in-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country	Game		Coefficient [95% CI]
Bauer et al. (2014)	Georgia	Sharing, Envy	⊨∎→	0.06 [-0.08 , 0.20]
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	H	0.01 [-0.11 , 0.12]
Cassar et al. (2013)	Tajikistan	Trust (returned)	 1	0.13 [-0.12 , 0.37]
Cassar et al. (2013)	Tajikistan	Trust (sent)	⊨∎⊣	0.03 [-0.10 , 0.16]
FE Model for All Studies			•	0.04 [–0.03 , 0.11]
			-0.20 0.20	
		St	andardized coeffici	ent

Prosocial towards Out-group in Experimental Games

Note: The figure shows a forest plot of fixed-effects meta-analysis results for prosocial behavior in experimental games towards out-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda	F=-1	-0.01 [-0.10 , 0.08]
Bauer et al. (2014)	Sierra Leone	⊢ ∎-1	-0.07 [-0.15 , 0.02]
Bauer et al. (2014)	Uganda	⊢	0.00 [-0.12 , 0.11]
Bellows and Miguel (2009)	Sierra Leone	-	0.03 [0.01 , 0.05]
Blattman (2009)	Uganda	⊢ ∎−1	0.24 [0.16 , 0.33]
Cassar et al. (2013)	Tajikistan	⊢ ∎_1	-0.03 [-0.13 , 0.07]
De Luca and Verpoorten (2015b) Uganda	Hant I	-0.09 [-0.12 , -0.06]
Grosjean (2014)	European countries		0.06 [0.05 , 0.07]
Grossman et al. (2015)	Israel	H a -I	-0.16 [-0.20 , -0.12]
Voors et al. (2012)	Burundi		-0.02 [-0.13 , 0.10]
FE Model for All Studies		•	0.02 [0.01 , 0.03]
		-0.20 0.20	

Voting

Standardized coefficient

Note: The figure shows a forest plot of fixed-effects meta-analysis results for voting, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

	Author(s) and Year	Country		Coefficient [95% CI
	Annan et al. (2011)	Uganda	⊢ =-1	0.10[0.02,0.18]
	Bauer et al. (2014)	Sierra Leone		0.06 [-0.02 , 0.14]
	Bellows and Miguel (2009)	Sierra Leone	· • • •	0.07 [0.05 , 0.10]
	De Luca and Verpoorten (2015b)	Uganda	I=1	0.09 [0.06 , 0.12]
	Gilligan et al. (2014)	Nepal		-0.25 [-0.37 , -0.13]
	Grosjean (2014)	European countries		0.06 [0.05 , 0.07]
	Grossman et al. (2015)	Israel +	- - - - -	-0.04 [-0.08 , 0.00]
_				0.001.0.05.0.071
	FE Model for All Studies		•	0.06[0.05,0.07]
			İTI	
		-0.40 0.	00	
		Standardized	coefficient	

Knowledge/Interest in Politics

Note: The figure shows a forest plot of fixed-effects meta-analysis results for knowledge/interest in politics, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

E.6 Main results in forest plots: Random effects models

Figure A1	5
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Prosocial Index (Mean Effects)			
Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda	. .	0.04 [-0.04 , 0.12]
Bauer et al. (2014)	Georgia	⊢∎ -1	-0.01 [-0.10 , 0.09]
Bauer et al. (2014)	Sierra Leone	∶ ⊦;∎⊷	0.04 [-0.04 , 0.13]
Bauer et al. (2014)	Uganda	∎1	0.19[0.09,0.30]
Bellows and Miguel (2009)	Sierra Leone		0.06 [0.04 , 0.08]
Blattman (2009)	Uganda	⊢≣ -1	0.10 [0.03 , 0.18]
Cassar et al. (2013)	Tajikistan	: += = -1	0.03 [-0.07 , 0.13]
Cecchi et al. (2016)	Sierra Leone	⊢∎→	0.28 [0.18 , 0.38]
De Luca and Verpoorten (2015a)	Uganda		0.17 [0.14 , 0.20]
De Luca and Verpoorten (2015b)	Uganda		0.18 [0.15 , 0.21]
Gilligan et al. (2014)	Nepal	: 1	0.13 [0.00 , 0.25]
Gneezy and Fessler (2012)	Israel	⊢ I	0.16 [-0.11 ,0.43]
Grosjean (2014)	European countries	5 I	0.06 [0.05 , 0.07]
Grossman et al. (2015)	Israel	•	-0.10 [-0.14 , -0.06]
Rohner et al. (2013)	Uganda	÷	0.01 [-0.03 , 0.05]
Voors et al. (2012)	Burundi	: ⊩ ∎ ;I	-0.10 [-0.22 , 0.02]
Voors and Bulte (2014)	Burundi	⊦∎∙	0.11 [0.05 , 0.18]
RE Model for All Studies		•	0.08 [0.03 , 0.12]
		-0.40 0.00 0.40	
		Standardized coefficient	

Note: The figure shows a forest plot of random-effects meta-analysis results for the summary index (mean effects), calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure A	16
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Author(s) and Year	Country			Coefficient [95% Cl
Annan et al. (2011)	Uganda	⊨∎⊣		-0.10 [-0.18 , -0.02]
Bauer et al. (2014)	Georgia	┝━━━┥	• • •	-0.22 [-0.32 , -0.11]
Bauer et al. (2014)	Sierra Leone		⊢∎⊣	0.19[0.12,0.27]
Bauer et al. (2014)	Uganda		⊢∎→	0.38 [0.29 , 0.47]
Bellows and Miguel (2009)	Sierra Leone			0.09 [0.07 , 0.12]
Blattman (2009)	Uganda	H	H	-0.03 [-0.10 , 0.04]
Cassar et al. (2013)	Tajikistan		⊢∎⊣	0.63 [0.56 , 0.70]
De Luca and Verpoorten (2015a) Uganda			0.22 [0.19 , 0.24]
Grosjean (2014)	European countries			0.09 [0.08 , 0.10]
Voors et al. (2012)	Burundi	⊢ ∎−-1	•	-0.18 [-0.30 , -0.07]
Voors and Bulte (2014)	Burundi		⊦₩	0.28 [0.21 , 0.34]
RE Model for All Studies			-	0.12 [-0.02 , 0.27]
		-0.40 0.0	00 0.40 0.80	1

Social Group Participation

Standardized coefficient

Note: The figure shows a forest plot of random-effects meta-analysis results for social groups participation, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A1	7
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Community Leadership/Participation

Author(s) and Year	Country			Coefficient [95% CI]
Annan et al. (2011)	Uganda		⊢ ∎-1	0.10 [0.02 , 0.18]
Bauer et al. (2014)	Sierra Leone		⊨∎⊣	0.22 [0.15 , 0.30]
Bauer et al. (2014)	Uganda		}_∎_ 1	0.11 [0.00 , 0.22]
Bellows and Miguel (2009)	Sierra Leone			0.06 [0.04 , 0.08]
Blattman (2009)	Uganda		⊨∎⊣	0.16 [0.09 , 0.24]
Cassar et al. (2013)	Tajikistan		H∰4	0.66 [0.60 , 0.71]
De Luca and Verpoorten (2015b) Uganda			0.27 [0.24 , 0.30]
Voors et al. (2012)	Burundi	⊢ ∎-1		-0.28 [-0.39 , -0.17]
RE Model for All Studies			-	0.17 [-0.01,0.34]
				7
		-0.40 0	.00 0.40 0	0.80
		Standa	ardized coefficient	

Note: The figure shows a forest plot of random-effects meta-analysis results for community leadership/participation, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A18
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Trust (All types)

Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda		0.06 [-0.02 ,0.14]
Bauer et al. (2014)	Sierra Leone		-0.14 [-0.22 , -0.06]
Bauer et al. (2014)	Uganda	⊢≖⊣	0.27 [0.17 , 0.37]
Bellows and Miguel (2009)	Sierra Leone		0.07 [0.05 , 0.09]
Cassar et al. (2013)	Tajikistan 🖷		-0.71 [-0.76 , -0.66]
De Luca and Verpoorten (2015a)	Uganda	•	0.11 [0.08 , 0.14]
Grosjean (2014)	European countries	•	0.00 [-0.01 , 0.01]
Rohner et al. (2013)	Uganda	: • •	0.01 [-0.03 , 0.05]
Voors and Bulte (2014)	Burundi H	: H	-0.05 [-0.11 ,0.02]
RE Model for All Studies			-0.04 [-0.22 , 0.14]
	[]	:	
	-1.00 -0.50 0.	.00 0.50	
	Standardized coe	efficient	

Note: The figure shows a forest plot of random-effects meta-analysis results for trust, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A19
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Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda	┝╋┥	0.12[0.04,0.20]
Bauer et al. (2014)	Sierra Leone		-0.19 [-0.27 , -0.12]
Bauer et al. (2014)	Uganda	⊢ ∎1	0.19[0.09,0.29]
Bellows and Miguel (2009)	Sierra Leone		0.02 [0.00 , 0.03]
Grosjean (2014)	European countries		-0.01 [-0.03 , 0.00]
Rohner et al. (2013)	Uganda	1	0.04 [0.00 , 0.08]
Voors and Bulte (2014)	Burundi	⊢∎⊣	0.14 [0.08 , 0.21]
RE Model for All Studies		•	0.04 [-0.05 ,0.13]
	-0.40 0.0	00 0.40	
	Standardized	d coefficient	

In-group Trust

Note: The figure shows a forest plot of random-effects meta-analysis results for trust in in-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure A	1 20
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Out-group Trust



Note: The figure shows a forest plot of random-effects meta-analysis results for trust in out-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country	Game	Coefficient [95% CI]	
Bauer et al. (2014)	Georgia	Sharing, Envy	0.11 [0.02 , 0.21]	
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	–0.01 [–0.09 , 0.08]	
Bauer et al. (2014)	Uganda	Trust (returned) ⊢∎⊣	0.21 [0.11 , 0.32]	
Cassar et al. (2013)	Tajikistan	Trust (returned)	-0.08 [-0.22 , 0.06]	
Cassar et al. (2013)	Tajikistan	Trust (sent) ⊢∎	–0.06 [–0.15 , 0.04]	
Gilligan et al. (2014)	Nepal	Public goods	0.35 [0.24 , 0.46]	
Gilligan et al. (2014)	Nepal	Dictator H	0.19[0.07, 0.31]	
Gilligan et al. (2014)	Nepal	Trust (sent)	0.48 [0.34 , 0.62]	
Gilligan et al. (2014)	Nepal	Trust (returned)	0.34 [0.19 , 0.50]	
Gneezy and Fessler (2012)	Israel	Trust (sent)	–0.07 [–0.34 , 0.21]	
Gneezy and Fessler (2012)	Israel	Trust (returned)	0.36 [0.22 , 0.50]	
Gneezy and Fessler (2012)	Israel	Ultimatum (sent)	0.16 [-0.12 , 0.43]	
Gneezy and Fessler (2012)	Israel	Ultimatum (rejected)	0.36 [0.25 , 0.47]	
Voors et al. (2012)	Burundi	SVO H	0.08 [-0.04 , 0.19]	
RE Model for All Studies		•	0.18 [0.08 , 0.27]	
	-0.40 0.00 0.40 0.80			
Standardized coefficient				

Figure A21

Prosocial behavior in Experimental Games

Note: The figure shows a forest plot of random-effects meta-analysis results for prosocial behavior in experimental games, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Figure	A22
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Author(s) and Year	Country	Game		Coefficient [95% CI]
Bauer et al. (2014)	Georgia	Sharing, Envy	⊢∎⊣	0.20 [0.08 , 0.33]
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	-₩-1	0.10 [-0.02 , 0.21]
Bauer et al. (2014)	Uganda	Trust (returned)	⊢∎⊦	0.21 [0.11 , 0.32]
Gilligan et al. (2014)	Nepal	Public goods	H-	0.35 [0.24 , 0.46]
Gilligan et al. (2014)	Nepal	Dictator	⊢∎⊣	0.19[0.07, 0.31]
Gilligan et al. (2014)	Nepal	Trust (sent)	⊨∎⊣	0.48 [0.34 , 0.62]
Gilligan et al. (2014)	Nepal	Trust (returned)	⊢-⊞ 1	0.34 [0.19 , 0.50]
Gneezy and Fessler (2012)	Israel	Trust (sent)		-0.07 [-0.34 , 0.21]
Gneezy and Fessler (2012)	Israel	Trust (returned)	⊢∎	0.36 [0.22 , 0.50]
Gneezy and Fessler (2012)	Israel	Ultimatum (sent)		0.16 [-0.12 , 0.43]
Gneezy and Fessler (2012)	Israel	Ultimatum (rejected)	⊢∎⊣	0.36 [0.25 , 0.47]
Voors et al. (2012)	Burundi	SVO	₩-1	0.08 [-0.04 , 0.19]
RE Model for All Studies			•	0.24 [0.16 , 0.32]
	-0.40 0.00 0.40 0.80			
	Standardized coefficient			

Prosocial towards In-group in Experimental Games

Note: The figure shows a forest plot of random-effects meta-analysis results for prosocial behavior in experimental games towards in-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country	Game		Coefficient [95% CI]
Bauer et al. (2014)	Georgia	Sharing, Envy	⊨	0.06 [-0.08 , 0.20]
Bauer et al. (2014)	Sierra Leone	Sharing, Envy	⊢∰ -1	0.01 [-0.11 , 0.12]
Cassar et al. (2013)	Tajikistan	Trust (returned)	⊢ ∎−−1	0.13 [-0.12 , 0.37]
Cassar et al. (2013)	Tajikistan	Trust (sent)	F#-1	0.03 [-0.10 , 0.16]
RE Model for All Studies			•	0.04 [–0.03 , 0.11]
			-0.20 0.20	
		Sta	andardized coeffici	ient

Prosocial towards Out-group in Experimental Games

Note: The figure shows a forest plot of random-effects meta-analysis results for prosocial behavior in experimental games towards out-group members, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country		Coefficient [95% CI]
Annan et al. (2011)	Uganda	⊢ ≞ ⊣	-0.01 [-0.10 , 0.08]
Bauer et al. (2014)	Sierra Leone	⊢≣ :1	-0.07 [-0.15 , 0.02]
Bauer et al. (2014)	Uganda	 1	0.00 [-0.12 , 0.11]
Bellows and Miguel (2009)	Sierra Leone		0.03 [0.01 , 0.05]
Blattman (2009)	Uganda	⊨∎→	0.24 [0.16 , 0.33]
Cassar et al. (2013)	Tajikistan	⊢ ∎-1	-0.03 [-0.13 , 0.07]
De Luca and Verpoorten (2015b) Uganda		-0.09 [-0.12 , -0.06]
Grosjean (2014)	European countries		0.06 [0.05 , 0.07]
Grossman et al. (2015)	Israel	-	-0.16 [-0.20 , -0.12]
Voors et al. (2012)	Burundi		-0.02 [-0.13 , 0.10]
RE Model for All Studies		•	-0.01 [-0.07 , 0.06]
		-0.20 0.20	

Figure A24

Voting

Standardized coefficient

Note: The figure shows a forest plot of random-effects meta-analysis results for voting, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Author(s) and Year	Country		Coefficient [95% CI	
Annan et al. (2011)	Uganda	⊢ ₩-1	0.10[0.02,0.18]	
Bauer et al. (2014)	Sierra Leone	; ⊢∎ -1	0.06 [-0.02 , 0.14]	
Bellows and Miguel (2009)	Sierra Leone		0.07 [0.05 , 0.10]	
De Luca and Verpoorten (2015b)	Uganda		0.09 [0.06 , 0.12]	
Gilligan et al. (2014)	Nepal		–0.25 [–0.37 , –0.13]	
Grosjean (2014)	European countries		0.06 [0.05 , 0.07]	
Grossman et al. (2015)	Israel		-0.04 [-0.08 , 0.00]	
RE Model for All Studies		÷	0.02 [-0.06 , 0.10]	
	ГТТТ	: 		
	-0.40 0	.00		
	Standardized coefficient			

Knowledge/Interest in Politics

Note: The figure shows a forest plot of random-effects meta-analysis results for knowledge/interest in politics, calculated in standard deviation units. Each square represents an estimate for one study, where square sizes are proportional to the weights used in the meta-analysis. Studies with more observations receive a higher weight. The figure plots 95% confidence intervals for the meta-analysis model, derived from the studies' sampling variances. The average effect of exposure to violence across studies is plotted as a diamond at the bottom of the figure.

Outcome (Standardized)	Estimate	(1) Fixed Effects	(2) Random Effects	N
A. All violence	ce exposure	(standardized)		
Summary index (mean effects)	Coef. Std. Err P-val	0.03*** 0.00 0.00	$0.02 \\ 0.02 \\ 0.32$	17
Social groups participation	Coef. Std. Err P-val	0.05*** 0.00 0.00	0.04 0.03 0.20	11
Community leadership/participation	Coef. Std. Err P-val	0.08*** 0.01 0.00	0.09*** 0.02 0.00	8
Trust	Coef. Std. Err P-val	-0.00 0.00 0.48	-0.02 0.04 0.66	9
Prosocial behavior in experimental games	Coef. Std. Err P-val	0.09*** 0.02 0.00	0.10^{***} 0.03 0.00	15
Voting	Coef. Std. Err P-val	0.01** 0.00 0.01	-0.01 0.02 0.60	10
Knowledge/interest in politics	Coef. Std. Err P-val	0.03*** 0.00 0.00	$0.02 \\ 0.02 \\ 0.46$	7
B. Community vie	olence expo	sure (standardize	d)	
Summary index (mean effects)	Coef. Std. Err P-val	0.03*** 0.00 0.00	$0.02 \\ 0.02 \\ 0.25$	15
Social groups participation	Coef. Std. Err P-val	0.05*** 0.00 0.00	0.06^{**} 0.03 0.02	11
Community leadership/participation	Coef. Std. Err P-val	0.08*** 0.01 0.00	0.11^{***} 0.03 0.00	8
Trust	Coef. Std. Err P-val	-0.00 0.00 0.42	-0.05 0.03 0.16	9
Prosocial behavior in experimental games	Coef. Std. Err P-val	0.06*** 0.02 0.00	0.07^{***} 0.03 0.00	14
Voting	Coef. Std. Err P-val	0.02*** 0.00 0.00	$0.01 \\ 0.01 \\ 0.57$	9
Knowledge/interest in politics	Coef. Std. Err P-val	0.04*** 0.00 0.00	0.04^{**} 0.02 0.01	6
C. Personal viol	ence exposu	ıre (standardized))	
Summary index (mean effects)	Coef. Std. Err P-val	-0.02* 0.01 0.08	$0.01 \\ 0.03 \\ 0.70$	8
Social groups participation	Coef. Std. Err P-val	0.05*** 0.02 0.00	$0.07 \\ 0.06 \\ 0.29$	6
Community leadership/participation	Coef. Std. Err P-val	0.11*** 0.02 0.00	0.11^{**} 0.04 0.01	5
Trust	Coef. Std. Err P-val	-0.09*** 0.02 0.00	-0.08 0.09 0.40	4
Prosocial behavior in experimental games	Coef. Std. Err P-val	0.03 0.02 0.22	0.03 0.02 0.22	6
Voting	Coef. Std. Err P-val	-0.09*** 0.01 0.00	-0.04 0.04 0.37	6
Knowledge/interest in politics	Coef. Std. Err P-val	-0.04** 0.02 0.01	-0.04^{**} 0.02 0.01	3

Table A17: Additional measures of exposure to violence

* p<0.10, ** p<0.05,*** p<0.01.

Note: The table reports meta-analysis results for each outcome reported in the rows. Column (1) reports results from a fixed-effects model; Column (2) reports results from a random-effects model. The coefficient represents the estimated population effects of exposure to violence across studies, measured in standard deviation units.

Estimate Std. Err. P-value \mathbf{N} 0.02** $\overline{7}$ Social groups participation 0.010.01Community leadership/participation 0.030.01 0.174Trust 0.010.02 0.4750.25*** Prosocial behavior in experimental games 0.030.0016Voting 0.000.00 0.535knowledge/interest in politics 0.04 0.02 0.184

Table A18: Meta regression analysis of reported t-statistics

* p<0.10, ** p<0.05,*** p<0.01.

Note: The Table reports meta regression analysis (Stanley and Jarrell, 1989) results of reported t-values, for each outcome reported in the rows. The coefficient represents the estimated population effects of exposure to violence across studies, adjusted for the dispersion of the data underlying each study. N reflects the number of studies/games analyzed for each outcome.

		(1)	(2)
Outcome (Standardized)	Estimate	Fixed Effects	Random Effects
Summary index (mean effects)	Coef.	0.08***	0.08***
	Std. Err	0.00	0.02
	P-val	0.00	0.00
Social groups participation	Coef.	0.11***	0.13**
	Std. Err	0.00	0.06
	P-val	0.00	0.03
Community leadership/participation	Coef.	0.17^{***}	0.19**
	Std. Err	0.00	0.07
	P-val	0.00	0.01
Trust (all)	Coef.	-0.01**	-0.04
	Std. Err	0.00	0.08
	P-val	0.01	0.60
Trust (in-group)	Coef.	-0.01***	0.02
	Std. Err	0.00	0.04
	P-val	0.00	0.50
Trust (out-group)	Coef.	0.00	-0.06
	Std. Err	0.00	0.09
	P-val	0.89	0.53
Prosocial behavior in experimental games (all)	Coef.	0.17***	0.18***
	Std. Err	0.02	0.05
	P-val	0.00	0.00
Prosocial behavior in experimental games (in-group)	Coef.	0.25***	0.24***
	Std. Err	0.02	0.04
	P-val	0.00	0.00
Prosocial behavior in experimental games (out-group)	Coef.	0.04	0.04
	Std. Err	0.04	0.04
	P-val	0.30	0.30
Voting	Coef.	0.00	-0.00
	Std. Err	0.00	0.03
	P-val	0.50	0.99
Knowledge/interest in politics	Coef.	0.08***	0.07**
	Std. Err	0.00	0.03
	P-val	0.00	0.03

Table A19: Including exposure to crime violence

* p<0.10, ** p<0.05,*** p<0.01.

Note: The Table reports meta-analysis results for each outcome reported in the rows. Column (1) reports results from a fixed-effects model; Column (2) reports results from a random-effects model. The coefficient represents the estimated population effects of exposure to violence across studies, measured in standard deviation units. This analysis includes exposure to crime violence.

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