ajps_replication_log_file

2023-08-18

Replication Code for:

Carlo Koos & Richard Traunmüller

"The Gendered Costs of Stigma:

How Experiences of Conflict-related Sexual Violence Encourage Civic Engagement for Women and Men" American Journal of Political Science

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Date: 18.08.2023

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All analyses were run using:

R version 4.1.2 (2021-11-01)

MacOS version 11.4

Load and Prepare Data

```
load("Data/ajps_replication_data_congo.RData") # DRC data

load("Data/ajps_replication_data_liberia.RData") # Liberia data

load("Data/ajps_replication_data_srilanka.RData") # Sri Lanka data
```

```
source("Code/ajps_replication_create_variables.R") # Create variables
```

Prepare List Experiments, Balance Tests, and Tests for No Design Effects

```
source("Code/ajps_replication_list_experiments.R") # Prepare list experiments
```

Table D.3: Balance Test: Covariates regressed on treatment variable.

```
balance.congo <- summary(lm(treatment ~ female + age.z + edu.z + income.z + hh_size.z + murder_yes + lea

balance.liberia <- summary(lm(treatment ~ female + age.z + edu.z + income.z + hh_size.z + cw_kill + cw_

balance.srilanka <- summary(lm(treatment ~ female + age.z + edu.z + income.z + hh_size.z + killed + disp
```

```
xtable(round(cbind(coef(balance.congo)[,1], coef(balance.liberia)[,1], coef(balance.srilanka)[,1]), 2))
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:25:56 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrr}
##   \hline
##  & 1 & 2 & 3 \\
##   \hline
## (Intercept) & 0.55 & 0.50 & 0.51 \\
##   female & -0.01 & 0.01 & -0.02 \\
##   age.z & -0.00 & -0.02 & 0.01 \\
##   edu.z & 0.00 & 0.01 & 0.00 \\
##   income.z & -0.03 & 0.00 & 0.01 \\
##   hh\_size.z & -0.01 & 0.01 & 0.02 \\
##   murder\_yes & -0.06 & 0.00 & 0.07 \\
##   leavehome\_yes & -0.04 & 0.00 & -0.05 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table E.4: Test of no design effect for three list experiments.

```
xtable(design.congo$pi.table) # DRC
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:25:56 2023
## \begin{table}[ht]
## \centering
```

```
## \begin{tabular}{rrr}
##   \hline
##  & est. & s.e. \\
##   \hline
## pi(Y\_i(0) = 0, Z\_i = 1) & 0.01 & 0.03 \\
##   pi(Y\_i(0) = 1, Z\_i = 1) & -0.01 & 0.03 \\
##   pi(Y\_i(0) = 2, Z\_i = 1) & 0.06 & 0.02 \\
##   pi(Y\_i(0) = 3, Z\_i = 1) & 0.06 & 0.01 \\
##   pi(Y\_i(0) = 0, Z\_i = 0) & 0.20 & 0.02 \\
##   pi(Y\_i(0) = 1, Z\_i = 0) & 0.30 & 0.03 \\
##   pi(Y\_i(0) = 2, Z\_i = 0) & 0.30 & 0.03 \\
##   pi(Y\_i(0) = 3, Z\_i = 0) & 0.08 & 0.02 \\
##    \hline
## \end{tabular}
## \end{table}
```

```
design.congo$p
```

```
## Sensitive Item 1
##       0.8036977
```

```
xtable(design.liberia$pi.table) # Liberia
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:25:56 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrr}
##   \hline
##  & est. & s.e. \\
##   \hline
## pi(Y\_i(0) = 0, Z\_i = 1) & 0.02 & 0.01 \\
##   pi(Y\_i(0) = 1, Z\_i = 1) & 0.06 & 0.01 \\
##   pi(Y\_i(0) = 2, Z\_i = 1) & 0.05 & 0.01 \\
##   pi(Y\_i(0) = 3, Z\_i = 1) & 0.01 & 0.00 \\
##   pi(Y\_i(0) = 0, Z\_i = 0) & 0.07 & 0.00 \\
##   pi(Y\_i(0) = 1, Z\_i = 0) & 0.22 & 0.01 \\
##   pi(Y\_i(0) = 2, Z\_i = 0) & 0.52 & 0.01 \\
##   pi(Y\_i(0) = 3, Z\_i = 0) & 0.04 & 0.00 \\
##    \hline
## \end{tabular}
## \end{table}
```

```
design.liberia$p
```

```
## Sensitive Item 1
##               1
```

```
xtable(design.sri$pi.table) # Sri Lanka
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:25:56 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrr}
##   \hline
##  & est. & s.e. \\
```

```
##   \hline
## pi(Y\_i(0) = 0, Z\_i = 1) & 0.08 & 0.02 \\
##   pi(Y\_i(0) = 1, Z\_i = 1) & 0.03 & 0.01 \\
##   pi(Y\_i(0) = 2, Z\_i = 1) & 0.01 & 0.01 \\
##   pi(Y\_i(0) = 3, Z\_i = 1) & 0.01 & 0.00 \\
##   pi(Y\_i(0) = 0, Z\_i = 0) & 0.66 & 0.02 \\
##   pi(Y\_i(0) = 1, Z\_i = 0) & 0.17 & 0.02 \\
##   pi(Y\_i(0) = 2, Z\_i = 0) & 0.03 & 0.01 \\
##   pi(Y\_i(0) = 3, Z\_i = 0) & 0.00 & 0.00 \\
##    \hline
## \end{tabular}
## \end{table}
```

```
design.sri$p
```

```
## Sensitive Item 1
##               1
```

The Prevalence of Conflict-Related Sexual Violence

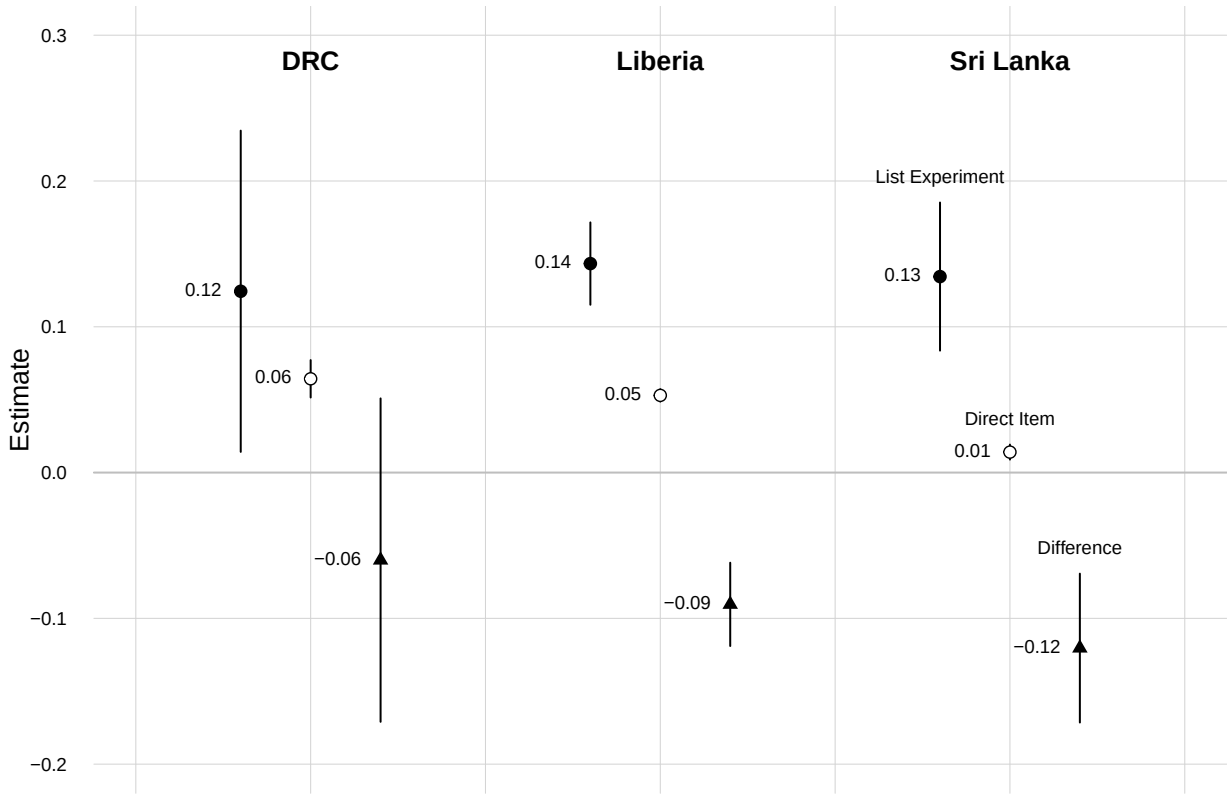
Present Results of List Experiments and Compare to Direct Items

```
source("Code/ajps_replication_direct_items.R")
```

Figure 2: Different estimates of conflict-related sexual violence prevalence with 90% confidence intervals:

List experiments, direct survey question, and their difference (i.e. degree of sensitivity).

```
source("Code/ajps_replication_figure_2.R")
```



G.1 Risk Factors of CRSV and Misreporting

Table G.5: a) Sensitive item outcome and b) misreporting equations of a multivariate regression model of conflict-related sexual violence for DRC.

```
eady.congo <- listExperiment(Y ~ female + age.z + edu.z + income.z + hh_size.z,
                        data = congo, J = 3,
                        treatment = "treatment", direct = "direct",
                        control.constraint = "none",
                        sensitive.response = 1,
                        misreport.treatment = F)
summary(eady.congo)
```

```
cbind(round(eady.congo$par.sensitive, 2), round(eady.congo$se.sensitive, 2))
```

```
##              [,1] [,2]
## (Intercept) -2.17 0.32
## female       1.18 0.40
## age.z       -0.04 0.33
## edu.z        0.82 0.44
## income.z    -1.60 0.51
## hh_size.z    0.41 0.30
```

```
cbind(round(eady.congo$par.misreport, 2), round(eady.congo$se.misreport, 2))
```

```
##              [,1] [,2]
## (Intercept)  0.03 0.56
## female       0.90 0.61
## age.z        0.45 0.51
## edu.z        0.70 0.63
## income.z    -1.26 0.83
## hh_size.z    0.08 0.44
```

Table G.6: a) Sensitive item outcome and b) misreporting equations of a multivariate regression model of conflict-related sexual violence for Liberia.

```
liberia$mon <- ifelse(liberia$direct.1==1 & liberia$Y==0, 0, 1)
eady.liberia <- listExperiment(Y ~ female + age.z + edu.z + income.z + hh_size.z,
                        data = liberia[liberia$mon==1,], J = 3,
                        treatment = "treatment", direct = "direct.1",
                        control.constraint ="full",
                        sensitive.response = 1,
                        misreport.treatment = F)
summary(eady.liberia)
```

```
cbind(round(eady.liberia$par.sensitive, 2), round(eady.liberia$se.sensitive, 2))
```

```
##              [,1] [,2]
## (Intercept) -2.59 0.11
## female       0.15 0.18
## age.z        0.23 0.18
## edu.z       -0.15 0.16
## income.z    -0.64 0.28
## hh_size.z   -0.01 0.13
```

```
cbind(round(eady.liberia$par.misreport, 2), round(eady.liberia$se.misreport, 2))
```

```
##              [,1] [,2]
## (Intercept) -1.18 0.39
## female       0.40 0.44
## age.z       -0.09 0.50
## edu.z       -0.95 0.48
## income.z    -3.98 1.85
## hh_size.z   -0.19 0.35
```

Table G.7: a) Sensitive item outcome and b) misreporting equations of a multivariate regression model of conflict-related sexual violence for Sri Lanka.

```
sri$mon <- ifelse(sri$direct.1==1 & sri$Y==0, 0, 1)
eady.sri <- listExperiment(Y ~ female + age.z + edu.z + income.z + hh_size.z,
```

```
                          data = sri[sri$mon==1,], J = 3,
                          treatment = "treatment", direct = "direct.1",
                          control.constraint = "none",
                          sensitive.response = 1,
                          misreport.treatment = F)
summary(eady.sri)
```

```
cbind(round(eady.sri$par.sensitive, 2), round(eady.sri$se.sensitive, 2))
```

```
##              [,1] [,2]
## (Intercept) -2.42 0.54
## female       0.04 0.50
## age.z       -0.24 0.82
## edu.z        0.31 1.17
## income.z    -1.16 0.60
## hh_size.z    0.60 0.66
```

```
cbind(round(eady.sri$par.misreport, 2), round(eady.sri$se.misreport, 2))
```

```
##              [,1] [,2]
## (Intercept)  3.34 0.97
## female      -1.15 1.08
## age.z        0.09 1.24
## edu.z       -0.21 1.44
## income.z    -1.17 1.69
## hh_size.z    1.79 1.11
```

G.2 Risk Factors of Other Forms of Violence

Table G.8: DRC: Risk Factors of Other Forms of Violence and Direct Item on Conflict-Related Sexual Violence.

```
d.congo <- lm(direct ~ female + age.z + edu.z + income.z + hh_size.z,  data=congo)
summary(d.congo)

vio.1.congo <- lm(murder_yes ~ female + age.z + edu.z + income.z + hh_size.z,  data=congo)
summary(vio.1.congo)

vio.2.congo <- lm(leavehome_yes ~ female + age.z + edu.z + income.z + hh_size.z,  data=congo)
summary(vio.2.congo)
```

```
stargazer(d.congo, vio.1.congo, vio.2.congo, type="text")
```

```
##
## ==================================================================================
##                                          Dependent variable:
##                      -------------------------------------------------------------
##                            direct            murder_yes          leavehome_yes
##                              (1)                 (2)                  (3)
## ----------------------------------------------------------------------------------
## female                      0.024              -0.031                -0.056
##                            (0.018)             (0.028)              (0.035)
```

```
##
## age.z                      -0.017              -0.035              -0.071**
##                            (0.017)             (0.026)             (0.033)
##
## edu.z                       0.014               0.021               0.005
##                            (0.019)             (0.029)             (0.037)
##
## income.z                   -0.026              -0.033             -0.140***
##                            (0.016)             (0.025)             (0.032)
##
## hh_size.z                   0.021               0.038              0.097***
##                            (0.016)             (0.024)             (0.031)
##
## Constant                  0.052***            0.189***             0.636***
##                            (0.012)             (0.018)             (0.023)
##
## ---------------------------------------------------------------------------------
## Observations                 995                 996                 998
## R2                          0.008               0.009               0.032
## Adjusted R2                 0.003               0.004               0.027
## Residual Std. Error  0.245 (df = 989)    0.378 (df = 990)      0.482 (df = 992)
## F Statistic         1.677 (df = 5; 989) 1.711 (df = 5; 990) 6.564*** (df = 5; 992)
## ================================================================================
## Note:                                                  *p<0.1; **p<0.05; ***p<0.01
```

Table G.9: Liberia: Risk Factors of Other Forms of Violence and Direct Item on Wartime Sexual violence.

```
d.liberia <- lm(direct.1 ~ female + age.z + edu.z + income.z + hh_size.z,  data=liberia)
summary(d.liberia)

vio.1.liberia <- lm(cw_kill ~ female + age.z + edu.z + income.z + hh_size.z,  data=liberia)
summary(vio.1.liberia)

vio.2.liberia <- lm(cw_displaced ~ female + age.z + edu.z + income.z + hh_size.z,  data=liberia)
summary(vio.2.liberia)
```

```
stargazer(d.liberia, vio.1.liberia, vio.2.liberia, type="text")
```

```
##
## ==========================================================================================
##                                              Dependent variable:
##                      ---------------------------------------------------------------------
##                            direct.1               cw_kill                cw_displaced
##                              (1)                    (2)                      (3)
## ------------------------------------------------------------------------------------------
## female                      -0.002                 0.192                  -0.107***
##                            (0.006)                (0.136)                  (0.012)
##
## age.z                       0.010*                1.541***                 0.048***
##                            (0.005)                (0.125)                  (0.011)
##
```

```
## edu.z                      0.004                 0.359***                 0.052***
##                           (0.006)                (0.137)                  (0.012)
##
## income.z                   -0.004                 0.186                    0.012
##                           (0.005)                (0.115)                  (0.010)
##
## hh_size.z                  0.002                 0.458***                  -0.001
##                           (0.005)                (0.121)                  (0.011)
##
## Constant                  0.054***               3.598***                 0.729***
##                           (0.004)                (0.087)                  (0.008)
##
## ---------------------------------------------------------------------------------------
## Observations               7,386                  7,000                    7,432
## R2                         0.001                  0.026                    0.024
## Adjusted R2               0.00000                 0.025                    0.024
## Residual Std. Error  0.224 (df = 7380)      5.045 (df = 6994)        0.460 (df = 7426)
## F Statistic         1.006 (df = 5; 7380) 37.362*** (df = 5; 6994) 37.209*** (df = 5; 7426)
## ======================================================================================
## Note:                                                          *p<0.1; **p<0.05; ***p<0.01
```

Table G.10: Sri Lanka: Risk Factors of Other Forms of Violence and Direct Item on Wartime Sexual violence.

```
d.sri <- lm(direct.1 ~ female + age.z + edu.z + income.z + hh_size.z, data=sri)
summary(d.sri)

vio.1.sri <- lm(killed ~ female + age.z + edu.z + income.z + hh_size.z, data=sri)
summary(vio.1.sri)

vio.2.sri <- lm(displace ~ female + age.z + edu.z + income.z + hh_size.z, data=sri)
summary(vio.2.sri)

vio.3.sri <- lm(trauma ~ female + age.z + edu.z + income.z + hh_size.z, data=sri)
summary(vio.3.sri)
```

```
stargazer(d.sri, vio.1.sri, vio.2.sri, vio.3.sri, type="text")
```

```
##
## ==========================================================================================
##                                                      Dependent variable:
##                     ------------------------------------------------------------------------
##                           direct.1                killed                 displace                 tra
##                             (1)                    (2)                      (3)
## ------------------------------------------------------------------------------------------
## female                     0.010                 0.071***                0.101***                0.1
##                           (0.007)                (0.025)                  (0.023)                 (0
##
## age.z                      -0.001                -0.098***                -0.078***               -0.
##                           (0.008)                (0.029)                  (0.025)                 (0
##
## edu.z                      0.013*                -0.047*                  -0.030                  -0
```

```
##                            (0.007)               (0.027)                (0.024)                (0
##
## income.z                  -0.00003              -0.062**                -0.015                 -0
##                            (0.008)               (0.029)                (0.025)                (0
##
## hh_size.z                  -0.009                0.167***               0.067***               0.0
##                            (0.007)               (0.027)                (0.023)                (0
##
## Constant                    0.008                0.280***               0.233***               0.2
##                            (0.005)               (0.019)                (0.017)                (0
##
## ------------------------------------------------------------------------------------------------------
## Observations                1,423                 1,452                  1,795                   1
## R2                          0.005                 0.043                  0.025                   0
## Adjusted R2                 0.002                 0.040                  0.022                   0
## Residual Std. Error  0.118 (df = 1417)      0.454 (df = 1446)      0.450 (df = 1789)      0.460 (
## F Statistic         1.462 (df = 5; 1417) 13.096*** (df = 5; 1446) 9.154*** (df = 5; 1789) 9.755*** (
## ======================================================================================================
## Note:                                                                        *p<0.1; **p<0.
```

G.3 Gender Differences in the Civic Effects of CRSV

Run this code if you want to replicate the MCMC simulations for Liberia

source("Code/ajps_replication_gender_specific_models.R")

This code uses already existing MCMC simulations for Liberia

```
source("Code/ajps_replication_gender_specific_models_do_not_run_MCMC.R")
```

Table G.11: Gender Differences in the Civic Effect of Conflict-Related Sexual Violence:

DRC

```
xtable(cbind(round(drc.out.f$par.outcome,2), round(drc.out.f$se.outcome,2), round(drc.out.m$par.outcome
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:31:53 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
```

```
##   \hline
## xrep(Intercept) & -1.93 & 0.67 & -4.90 & 1.05 \\
##   xrepage.z & 0.06 & 0.32 & 0.71 & 0.38 \\
##   xrepedu.z & 0.56 & 0.40 & 1.33 & 0.38 \\
##   xrepincome.z & 0.29 & 0.22 & 0.60 & 0.39 \\
##   xrephh\_size.z & 0.76 & 0.31 & 0.77 & 0.33 \\
##   xrepmurder\_yes & -0.52 & 0.51 & 1.49 & 0.55 \\
##   xrepterr\_2 & 0.97 & 0.50 & 3.02 & 0.73 \\
##   xrepterr\_3 & 0.57 & 0.45 & 2.70 & 0.66 \\
##   xrepterr\_4 & 0.86 & 0.59 & 0.32 & 0.73 \\
##   xrepterr\_5 & -0.21 & 0.53 & 2.16 & 0.71 \\
##   xrepterr\_6 & 1.94 & 0.54 & 1.79 & 0.67 \\
##   xrepactivity\_prev & 1.08 & 0.25 & 1.69 & 0.35 \\
##   zrep & 1.25 & 0.87 & 2.56 & 0.87 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table G.12: Gender Differences in the Civic Effect of Conflict-Related Sexual Violence:

Liberia

```
xtable(cbind(round(lib.out.f$summaryout[18:26, c(1, 3)], 2), round(lib.out.m$summaryout[18:26, c(1, 3)]
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:31:53 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & mean & sd & mean & sd \\
##   \hline
## psi2[1] & 1.02 & 0.12 & 1.76 & 0.14 \\
##   psi2[2] & -0.13 & 0.10 & 0.05 & 0.09 \\
##   psi2[3] & -0.12 & 0.12 & 0.22 & 0.10 \\
##   psi2[4] & 0.39 & 0.23 & 0.82 & 0.22 \\
##   psi2[5] & 0.19 & 0.10 & -0.13 & 0.08 \\
##   psi2[6] & 0.00 & 0.01 & 0.03 & 0.01 \\
##   psi2[7] & -0.20 & 0.14 & -1.22 & 0.12 \\
##   psi2[8] & -0.39 & 0.11 & 0.41 & 0.20 \\
##   gamma0 & 7.73 & 5.30 & 0.18 & 0.87 \\
##    \hline
## \end{tabular}
## \end{table}
```

```
N.f <- dim(lib.out.f$X)
N.m <-dim(lib.out.m$X)
```

Table G.13: Gender Differences in the Civic Effect of Conflict-Related Sexual Violence:

Sri Lanka

```
xtable(cbind(round(sri.out.f$par.outcome,2), round(sri.out.f$se.outcome,2), round(sri.out.m$par.outcome
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:31:53 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & -0.32 & 0.23 & -0.62 & 0.28 \\
##   xrepage.z & -0.32 & 0.31 & 0.40 & 0.35 \\
##   xrepedu.z & 0.14 & 0.23 & 1.43 & 0.34 \\
##   xrepincome.z & -0.75 & 0.37 & 0.49 & 0.44 \\
##   xrephh\_size.z & 0.45 & 0.22 & 0.03 & 0.31 \\
##   xrepkilled & -0.11 & 0.37 & -0.11 & 0.52 \\
##   xreptrauma & 0.09 & 0.44 & 1.43 & 0.68 \\
##   xrepprov.8 & -2.12 & 0.53 & -2.26 & 0.63 \\
##   xrepprov.9 & -0.57 & 0.49 & -1.39 & 0.57 \\
##   xrepprior & 1.21 & 0.57 & -0.93 & 1.40 \\
##   zrep & 0.70 & 0.59 & 3.13 & 1.08 \\
##    \hline
## \end{tabular}
## \end{table}
```

G.4 Results for Civic Engagement w/o CRSV

Table G.14: DRC

```
drc.0 <- glm(soc_part.2 ~ female + age.z + edu.z + income.z + hh_size.z + murder_yes
               + terr_2 + terr_3 + terr_4 + terr_5 + terr_6 , data=congo, family=binomial("logit"))

summary(drc.0)
```

```
##
## Call:
## glm(formula = soc_part.2 ~ female + age.z + edu.z + income.z +
##     hh_size.z + murder_yes + terr_2 + terr_3 + terr_4 + terr_5 +
##     terr_6, family = binomial("logit"), data = congo)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -2.2887  -1.1900   0.6807   0.9129   1.5545
##
```

```
## Coefficients:
##             Estimate Std. Error z value Pr(>|z|)
## (Intercept) -0.02523    0.19922  -0.127  0.89923
## female       0.16943    0.16171   1.048  0.29477
## age.z        0.13228    0.15337   0.863  0.38840
## edu.z        0.90075    0.18500   4.869 1.12e-06 ***
## income.z     0.16365    0.16458   0.994  0.32007
## hh_size.z    0.60420    0.15021   4.022 5.76e-05 ***
## murder_yes   0.21446    0.19180   1.118  0.26349
## terr_2       0.79790    0.24960   3.197  0.00139 **
## terr_3       0.91160    0.22131   4.119 3.80e-05 ***
## terr_4      -0.01882    0.27876  -0.068  0.94616
## terr_5       0.11253    0.25655   0.439  0.66093
## terr_6       1.20458    0.25309   4.759 1.94e-06 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 1282.6  on 995  degrees of freedom
## Residual deviance: 1189.2  on 984  degrees of freedom
##   (4 observations deleted due to missingness)
## AIC: 1213.2
##
## Number of Fisher Scoring iterations: 4
```

Table G.15: Liberia

```
lib.0 <- glm(outcome_ca ~ female + age.z + edu.z + income.z + hh_size.z + cw_kill
               + county.1 + county.2, data=liberia, family=binomial("logit"))

summary(lib.0)
```

```
##
## Call:
## glm(formula = outcome_ca ~ female + age.z + edu.z + income.z +
##     hh_size.z + cw_kill + county.1 + county.2, family = binomial("logit"),
##     data = liberia)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -3.3648   0.5230   0.6579   0.7217   1.0338
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)  1.406498   0.057482  24.468  < 2e-16 ***
## female      -0.178914   0.069000  -2.593  0.00952 **
## age.z        0.010618   0.063965   0.166  0.86816
## edu.z        0.118678   0.070360   1.687  0.09165 .
## income.z     0.691157   0.166842   4.143 3.43e-05 ***
## hh_size.z    0.032325   0.062506   0.517  0.60505
## cw_kill      0.013335   0.007183   1.856  0.06339 .
```

```
## county.1    -0.717337   0.088574  -8.099 5.55e-16 ***
## county.2    -0.039439   0.077617  -0.508  0.61137
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 6799.8  on 6419  degrees of freedom
## Residual deviance: 6659.6  on 6411  degrees of freedom
##   (1434 observations deleted due to missingness)
## AIC: 6677.6
##
## Number of Fisher Scoring iterations: 5
```

Table G.16: Sri Lanka

```
sri.0 <- glm(soc_part.2 ~ female + age.z + edu.z +  income.z + hh_size.z +  killed + trauma +
                          + prov.2 + prov.3 + prov.4 + prov.5 + prov.6 + prov.7 + prov.8 + prov.9, data=

summary(sri.0)
```

```
##
## Call:
## glm(formula = soc_part.2 ~ female + age.z + edu.z + income.z +
##     hh_size.z + killed + trauma + +prov.2 + prov.3 + prov.4 +
##     prov.5 + prov.6 + prov.7 + prov.8 + prov.9, family = binomial("logit"),
##     data = sri)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -2.2764  -0.9296  -0.7331   1.2734   2.1021
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept) -0.286739   0.198539  -1.444  0.14867
## female      -0.324790   0.121887  -2.665  0.00771 **
## age.z        0.287649   0.143289   2.007  0.04470 *
## edu.z        0.707808   0.135384   5.228 1.71e-07 ***
## income.z    -0.145688   0.144908  -1.005  0.31471
## hh_size.z    0.151023   0.135143   1.117  0.26378
## killed      -0.120075   0.232611  -0.516  0.60571
## trauma       0.001696   0.274467   0.006  0.99507
## prov.2       0.028264   0.270545   0.104  0.91679
## prov.3      -0.121288   0.233926  -0.518  0.60412
## prov.4      -0.027193   0.284188  -0.096  0.92377
## prov.5       0.189863   0.255445   0.743  0.45732
## prov.6       2.611335   0.421222   6.199 5.67e-10 ***
## prov.7      -0.386936   0.261895  -1.477  0.13956
## prov.8      -0.902124   0.319456  -2.824  0.00474 **
## prov.9      -0.098431   0.301906  -0.326  0.74440
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 1903.5  on 1445  degrees of freedom
## Residual deviance: 1738.0  on 1430  degrees of freedom
##   (354 observations deleted due to missingness)
## AIC: 1770
##
## Number of Fisher Scoring iterations: 4
```

G.5 Results for Civic Engagement

Main Results

```
source("Code/ajps_replication_main_models.R")
```

Table G.17: Regression models of civic participation for DRC.

```
xtable(cbind(round(m.out.congo$par.outcome, 2), round(m.out.congo$se.outcome, 2),
             round(c(coef(m.out.congo.direct)[-2], coef(m.out.congo.direct)[2]), 2), round(c(se.coef(m.
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:32:45 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & -2.36 & 0.46 & -1.80 & 0.30 \\
##   xrepfemale & 0.17 & 0.22 & 0.28 & 0.17 \\
##   xrepage.z & 0.33 & 0.21 & 0.28 & 0.17 \\
##   xrepedu.z & 0.89 & 0.24 & 0.87 & 0.20 \\
##   xrepincome.z & 0.28 & 0.18 & 0.18 & 0.17 \\
##   xrephh\_size.z & 0.64 & 0.20 & 0.57 & 0.16 \\
##   xrepmurder\_yes & 0.14 & 0.31 & 0.31 & 0.21 \\
##   xrepterr\_2 & 1.32 & 0.34 & 1.06 & 0.27 \\
##   xrepterr\_3 & 0.97 & 0.31 & 0.96 & 0.24 \\
##   xrepterr\_4 & -0.17 & 0.41 & -0.01 & 0.30 \\
##   xrepterr\_5 & 0.30 & 0.36 & 0.27 & 0.27 \\
##   xrepterr\_6 & 1.41 & 0.34 & 1.43 & 0.27 \\
##   xrepactivity\_prev & 1.19 & 0.18 & 0.99 & 0.12 \\
##   zrep & 1.11 & 0.56 & -0.03 & 0.32 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table G.18: Regression models of civic participation for Liberia.

```
xtable(cbind(round(m.out.liberia$par.outcome,2), round(m.out.liberia$se.outcome,2),
             round(c(coef(m.out.liberia.direct)[-2], coef(m.out.liberia.direct)[2]), 2), round(c(se.coe
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:32:45 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & 1.38 & 0.06 & 1.40 & 0.06 \\
##   xrepfemale & -0.15 & 0.07 & -0.18 & 0.07 \\
##   xrepage.z & -0.03 & 0.07 & 0.00 & 0.06 \\
##   xrepedu.z & 0.16 & 0.07 & 0.13 & 0.07 \\
##   xrepincome.z & 0.73 & 0.11 & 0.71 & 0.17 \\
##   xrephh\_size.z & 0.06 & 0.06 & 0.03 & 0.06 \\
##   xrepcw\_kill & 0.01 & 0.01 & 0.02 & 0.01 \\
##   xrepas.factor(county)Maryland & -0.70 & 0.11 & -0.70 & 0.09 \\
##   xrepas.factor(county)River Gee & -0.15 & 0.09 & -0.04 & 0.08 \\
##   zrep & 1.75 & 1.00 & 0.01 & 0.14 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table G.19: Regression models of civic participation for Sri Lanka.

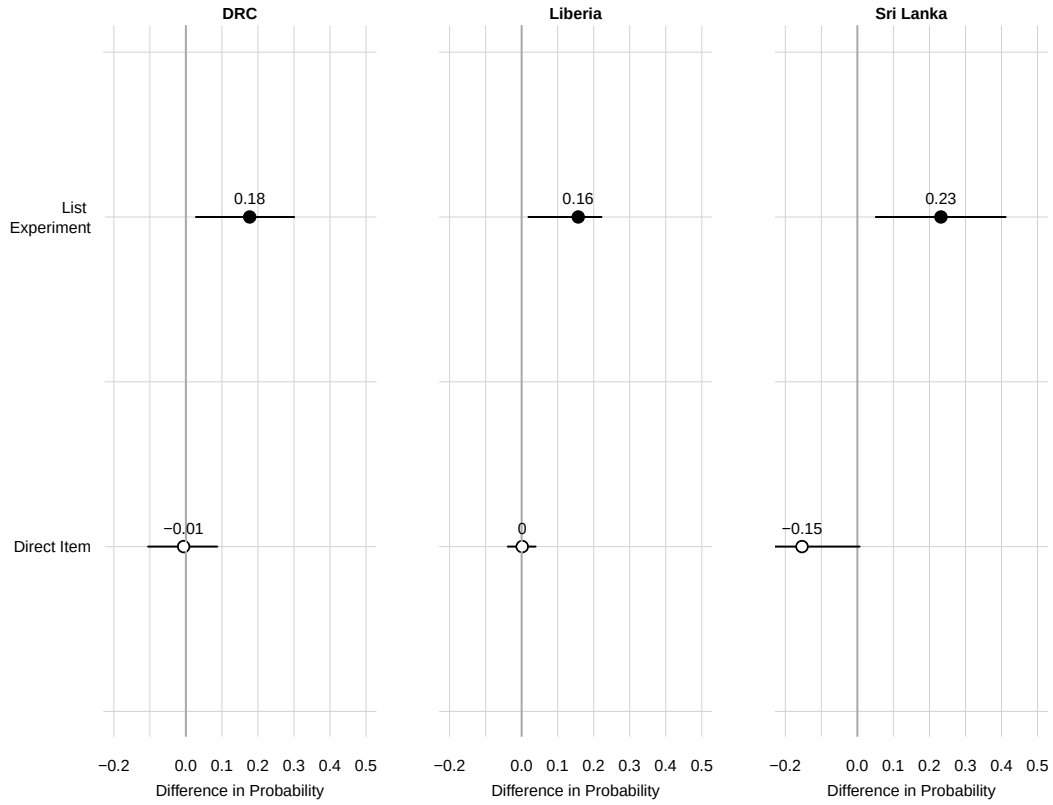
```
xtable(cbind(round(m.out.sri$par.outcome,2), round(m.out.sri$se.outcome,2),
             round(c(coef(m.out.sri.direct)[-2], coef(m.out.sri.direct)[2]), 2), round(c(se.coef(m.out.
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:32:45 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & -0.79 & 0.38 & -0.34 & 0.32 \\
##   xrepfemale & -0.12 & 0.19 & -0.20 & 0.17 \\
##   xrepage.z & 0.12 & 0.22 & 0.07 & 0.20 \\
##   xrepedu.z & 0.69 & 0.18 & 0.53 & 0.16 \\
##   xrepincome.z & -0.18 & 0.25 & -0.19 & 0.22 \\
##   xrephh\_size.z & 0.31 & 0.18 & 0.20 & 0.17 \\
##   xrepkilled & -0.08 & 0.28 & -0.08 & 0.28 \\
##   xreptrauma & 0.01 & 0.37 & -0.21 & 0.40 \\
##   xrepas.factor(Province)2 & 0.44 & 0.44 & 0.15 & 0.40 \\
##   xrepas.factor(Province)3 & 0.39 & 0.39 & 0.02 & 0.34 \\
##   xrepas.factor(Province)4 & 0.02 & 0.49 & -0.17 & 0.43 \\
##   xrepas.factor(Province)5 & 0.74 & 0.40 & 0.55 & 0.37 \\
```

```
##   xrepas.factor(Province)6 & 2.77 & 1.00 & 3.46 & 0.78 \\
##   xrepas.factor(Province)7 & -0.04 & 0.42 & -0.17 & 0.37 \\
##   xrepas.factor(Province)8 & -1.11 & 0.47 & -1.08 & 0.48 \\
##   xrepas.factor(Province)9 & 0.05 & 0.45 & -0.10 & 0.47 \\
##   xrepprior & 0.62 & 0.42 & 1.02 & 0.41 \\
##   zrep & 1.11 & 0.53 & -1.05 & 0.67 \\
##    \hline
## \end{tabular}
## \end{table}
```

Figure 3: The effect of conflict-related sexual violence on civic participation in three post-conflict contexts. Averaged differences in predicted probability along with 90% intervals.

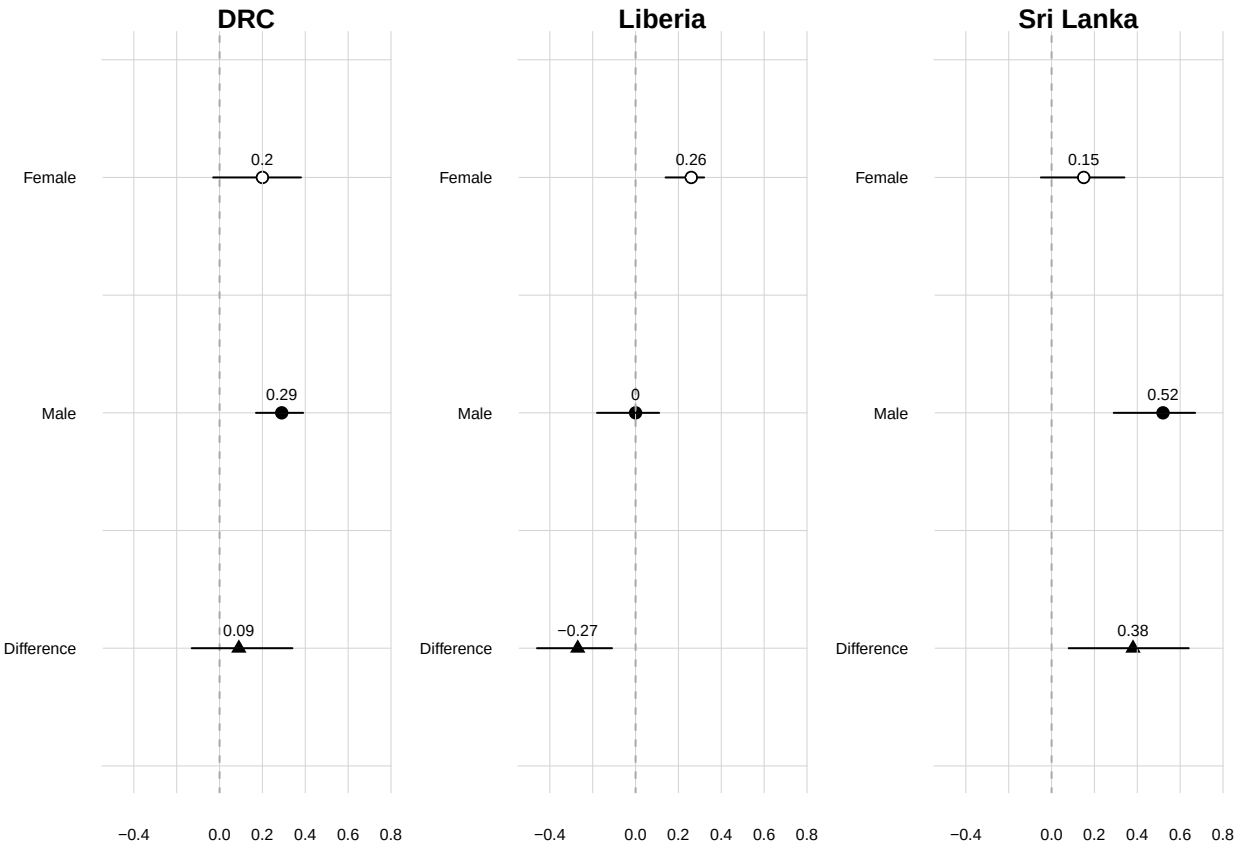
```
source("Code/ajps_replication_figure_3.R")
```



Sex Differences in the Civic Effect of Conflict-Related Sexual Violence

Figure 4: Gender differences in the effect of conflict-related sexual violence on civic engagement in three post-conflict contexts. Averaged differences in predicted probability along with 90% intervals.

```
source("Code/ajps_replication_figure_4.R")
```



G.6 Results for Donations

DRC

```
don.drc <- ictreg.joint(Y ~ female + age.z + edu.z + income.z  + hh_size.z +  murder_yes
                        + terr_2 + terr_3 + terr_4 + terr_5 + terr_6 + activity_prev,
                        treat="treatment",
                        outcome="donate",
                        outcome.reg="logistic",
                        constrained=TRUE,
                        J=3, data=congo) # List Experiment Model
```

```r
don.drc.direct <- glm(donate ~ direct + female + age.z + edu.z + income.z + hh_size.z +  murder_yes
          + terr_2 + terr_3 + terr_4 + terr_5 + terr_6 + activity_prev, data=congo,
          family=binomial("logit")) # Direct Item Model
```

Table G.20: Regression models of donations for DRC

```r
xtable(cbind(round(don.drc$par.outcome,2), round(don.drc$se.outcome,2),
             round(c(coef(don.drc.direct)[-2], coef(don.drc.direct)[2]), 2), round(c(se.coef(don.drc.di
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:32:50 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & 0.56 & 0.53 & 1.04 & 0.39 \\
##   xrepfemale & 0.50 & 0.25 & 0.57 & 0.22 \\
##   xrepage.z & 0.01 & 0.22 & -0.08 & 0.20 \\
##   xrepedu.z & 0.51 & 0.28 & 0.54 & 0.25 \\
##   xrepincome.z & 1.01 & 0.32 & 0.85 & 0.28 \\
##   xrephh\_size.z & 0.49 & 0.22 & 0.38 & 0.21 \\
##   xrepmurder\_yes & 0.51 & 0.39 & 0.69 & 0.32 \\
##   xrepterr\_2 & -0.46 & 0.43 & -0.63 & 0.37 \\
##   xrepterr\_3 & -0.85 & 0.40 & -0.78 & 0.34 \\
##   xrepterr\_4 & -0.81 & 0.50 & -0.52 & 0.43 \\
##   xrepterr\_5 & -0.14 & 0.48 & -0.12 & 0.42 \\
##   xrepterr\_6 & -0.39 & 0.44 & -0.26 & 0.37 \\
##   xrepactivity\_prev & 0.72 & 0.20 & 0.52 & 0.15 \\
##   zrep & 1.40 & 0.78 & 0.58 & 0.50 \\
##    \hline
## \end{tabular}
## \end{table}
```

Liberia

```r
don.liberia <- ictreg.joint(Y ~ female + age.z + edu.z + income.z + hh_size.z + cw_kill +  as.factor(cou
                          treat="treatment",
                          outcome="trust4",
                          outcome.reg="linear",
                          constrained=TRUE,
                          J=3, data=liberia) # List Experiment Model

don.liberia.direct <- lm(trust4 ~ direct.1 + female + age.z + edu.z + income.z + hh_size.z +  cw_kill
         + county.1 + county.2, data=liberia) # Direct Item Model
```

Table G.21: Regression models of donations for Liberia

```
xtable(cbind(round(don.liberia$par.outcome,2), round(don.liberia$se.outcome,2),
             round(c(coef(don.liberia.direct)[-2], coef(don.liberia.direct)[2]), 2), round(c(se.coef(don
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:33:09 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & 2107.31 & 44.49 & 2258.13 & 39.93 \\
##   xrepfemale & 223.66 & 55.91 & 291.59 & 50.19 \\
##   xrepage.z & -314.11 & 53.09 & -296.51 & 46.76 \\
##   xrepedu.z & -49.78 & 55.15 & -108.69 & 50.18 \\
##   xrepincome.z & 124.72 & 64.76 & 132.09 & 42.24 \\
##   xrephh\_size.z & 78.23 & 45.81 & 30.15 & 44.38 \\
##   xrepcw\_kill & 32.45 & 5.01 & 38.73 & 4.53 \\
##   xrepas.factor(county)Maryland & -750.19 & 108.48 & -737.30 & 74.15 \\
##   xrepas.factor(county)River Gee & -131.07 & 65.19 & 15.69 & 56.50 \\
##   zrep & 3334.03 & 92.80 & -239.96 & 99.10 \\
##    \hline
## \end{tabular}
## \end{table}
```

G.7 Results for Interethnic Relations

```
source("Code/ajps_replication_interethnic.R")
```

Table G.22: Regression models of interethnic relations for DRC.

```
xtable(cbind(round(int.drc$par.outcome,2), round(int.drc$se.outcome,2),
             round(c(coef(int.drc.direct)[-2], coef(int.drc.direct)[2]), 2), round(c(se.coef(int.drc.di
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:33:38 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & 0.21 & 0.10 & 0.21 & 0.09 \\
##   xrepfemale & -0.53 & 0.09 & -0.51 & 0.07 \\
##   xrepage.z & 0.11 & 0.06 & 0.10 & 0.06 \\
##   xrepedu.z & 0.24 & 0.08 & 0.24 & 0.07 \\
##   xrepincome.z & 0.21 & 0.07 & 0.21 & 0.06 \\
```

```
##   xrephh\_size.z & 0.15 & 0.07 & 0.15 & 0.06 \\
##   xrepmurder\_yes & 0.05 & 0.10 & 0.10 & 0.08 \\
##   xrepterr\_2 & -0.28 & 0.13 & -0.28 & 0.10 \\
##   xrepterr\_3 & 0.24 & 0.12 & 0.26 & 0.09 \\
##   xrepterr\_4 & 0.32 & 0.15 & 0.33 & 0.12 \\
##   xrepterr\_5 & 0.40 & 0.14 & 0.40 & 0.11 \\
##   xrepterr\_6 & -0.38 & 0.13 & -0.37 & 0.10 \\
##   zrep & 0.06 & 0.21 & -0.26 & 0.12 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table G.23: Regression models of interethnic relations for Liberia.

```
xtable(cbind(round(int.lib$par.outcome,2), round(int.lib$se.outcome,2),
             round(c(coef(int.lib.direct)[-2], coef(int.lib.direct)[2]), 2), round(c(se.coef(int.lib.di
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:33:38 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & 0.29 & 0.03 & 0.29 & 0.01 \\
##   xrepfemale & 0.03 & 0.01 & 0.03 & 0.01 \\
##   xrepage.z & -0.01 & 0.01 & -0.01 & 0.01 \\
##   xrepedu.z & -0.02 & 0.01 & -0.02 & 0.01 \\
##   xrepincome.z & 0.03 & 0.01 & 0.03 & 0.01 \\
##   xrephh\_size.z & 0.01 & 0.01 & 0.02 & 0.01 \\
##   xrepcw\_kill & 0.00 & 0.00 & 0.00 & 0.00 \\
##   xrepas.factor(county)Maryland & -0.04 & 0.02 & -0.04 & 0.02 \\
##   xrepas.factor(county)River Gee & -0.13 & 0.03 & -0.14 & 0.01 \\
##   zrep & -0.09 & 0.11 & 0.07 & 0.02 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table G.24: Regression models of interethnic relations for Sri Lanka.

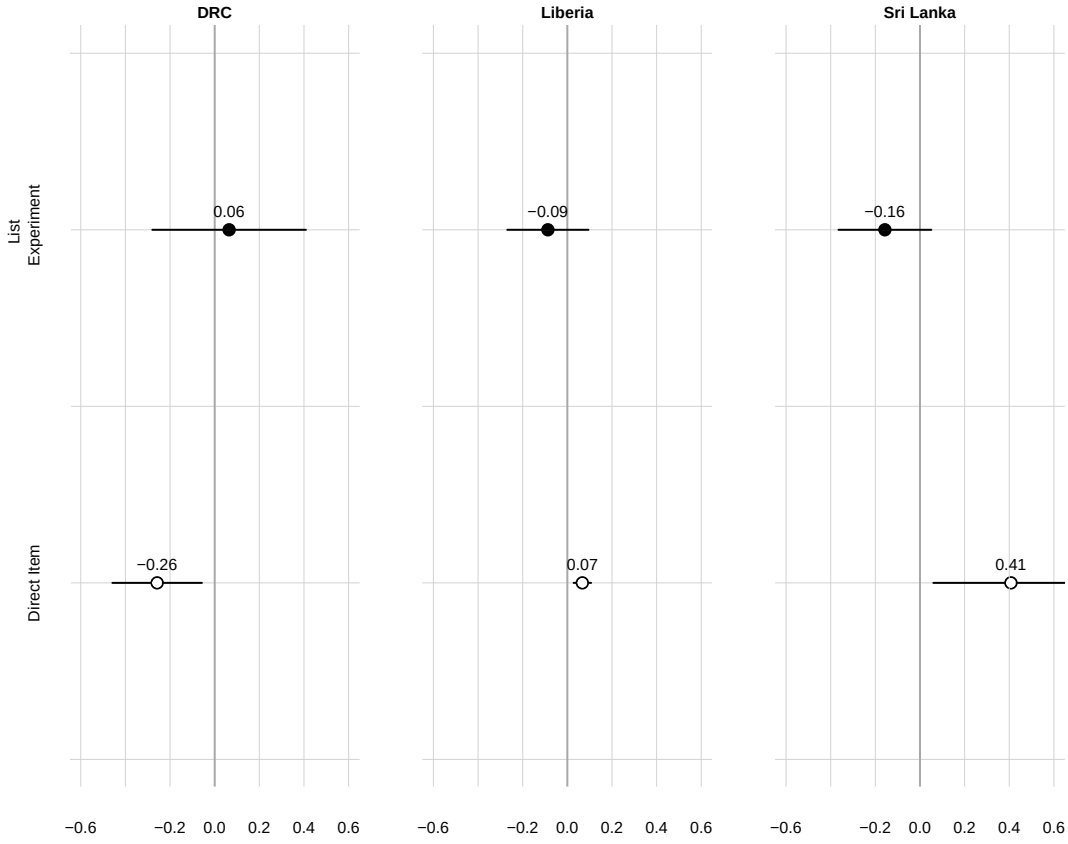
```
xtable(cbind(round(int.sri$par.outcome,2), round(int.sri$se.outcome,2),
             round(c(coef(int.sri.direct)[-2], coef(int.sri.direct)[2]), 2), round(c(se.coef(int.sri.di
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:33:38 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrrr}
```

```
##   \hline
##  & 1 & 2 & 3 & 4 \\
##   \hline
## xrep(Intercept) & 0.09 & 0.09 & 0.10 & 0.09 \\
##   xrepfemale & -0.12 & 0.05 & -0.13 & 0.05 \\
##   xrepage.z & 0.14 & 0.06 & 0.15 & 0.06 \\
##   xrepedu.z & 0.20 & 0.06 & 0.20 & 0.06 \\
##   xrepincome.z & -0.07 & 0.07 & -0.09 & 0.06 \\
##   xrephh\_size.z & 0.02 & 0.06 & 0.01 & 0.06 \\
##   xrepkilled & -0.05 & 0.10 & 0.01 & 0.10 \\
##   xreptrauma & 0.27 & 0.11 & 0.34 & 0.12 \\
##   xrepas.factor(Province)2 & -0.13 & 0.12 & -0.20 & 0.12 \\
##   xrepas.factor(Province)3 & -0.57 & 0.12 & -0.57 & 0.10 \\
##   xrepas.factor(Province)4 & -0.09 & 0.13 & -0.08 & 0.12 \\
##   xrepas.factor(Province)5 & -0.39 & 0.12 & -0.40 & 0.11 \\
##   xrepas.factor(Province)6 & -0.77 & 0.15 & -0.74 & 0.13 \\
##   xrepas.factor(Province)7 & -0.41 & 0.11 & -0.40 & 0.11 \\
##   xrepas.factor(Province)8 & -0.15 & 0.14 & -0.23 & 0.14 \\
##   xrepas.factor(Province)9 & -0.16 & 0.13 & -0.35 & 0.14 \\
##   zrep & 0.12 & 0.16 & 0.41 & 0.21 \\
##    \hline
## \end{tabular}
## \end{table}
```

Figure G.1: The effect of conflict-related sexual violence on inter-ethnic relations in three post-conflict contexts. Averaged differences in standard deviations/predicted probability along with 90% intervals.

```
source("Code/ajps_replication_figure_G1.R")
```



H Sensitivity Analyses

H1 No Non-Disclosure

ATTENTION: Simulations may take a while.

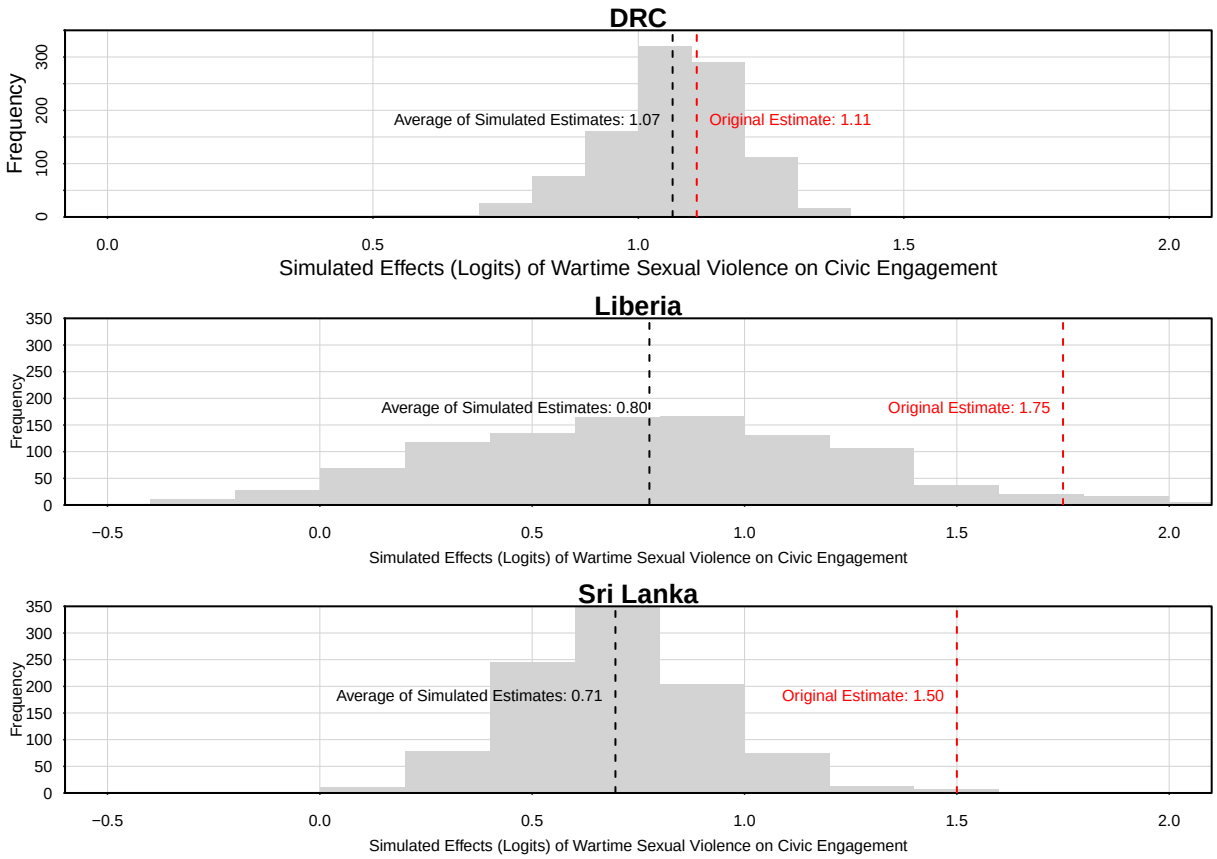
Figure H.2: Sensitivity to the violation of the 'No Non-Disclosure' assumption.

Run this code if you want to replicate the simulations.

#source("Code/ajps_replication_sensitivity_nondisclosure.R")

Run this code to use already existing simulations.

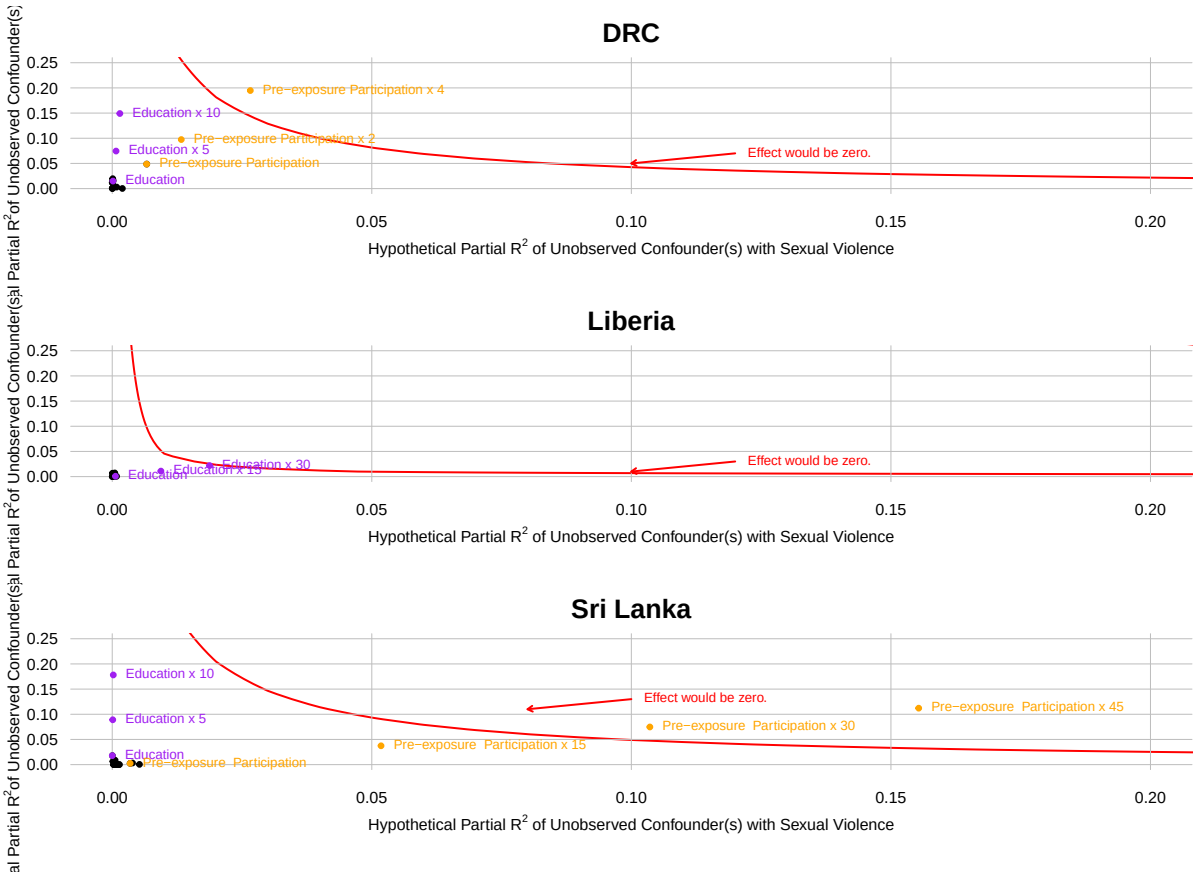
```
source("Code/ajps_replication_sensitivity_nondisclosure_do_not_run_simulations.R")
```



H2 Unobserved Confounding

Figure H.3: Sensitivity to unobserved confounding.

```
source("Code/ajps_replication_sensitivity_unobserved_confounding.R")
```



H3 Sample Selection

Congo

```
round(mean(.993 * civic.congo.ind + .067*(-1)), 2)
```

```
## [1] 0.11
```

```
round(quantile(.993 * civic.congo.ind + .067*(-1), c(.05, .95)), 2)
```

```
##    5%   95%
## -0.04  0.23
```

Liberia

```
round(mean(.974 * civic.liberia.ind + .026*(-1)), 2)
```

```
## [1] 0.13
```

```
round(quantile(.974 * civic.liberia.ind + .026*(-1), c(.05, .95)), 2)
```

```
##    5%   95%
## -0.01  0.19
```

Sri Lanka

```
round(mean(.994 * civic.sri.ind + .006*(-1)), 2)
```

```
## [1] 0.22
```

```
round(quantile(.994 * civic.sri.ind + .006*(-1), c(.05, .95)), 2)
```

```
##   5%  95%
## 0.04 0.40
```

I Alternative Mechanism: Post-traumatic Growth

```
source("Code/ajps_replication_PTG.R")
```

Table I.26: Causal mediation analysis for DRC.

```
xtable(round(cbind(drc.sv.ptg$par.outcome, drc.sv.ptg$se.outcome), 2)) # Mediator Equation
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:35:30 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrr}
##   \hline
##  & 1 & 2 \\
##   \hline
## xrep(Intercept) & 1.21 & 0.06 \\
##   xrepfemale & -0.07 & 0.06 \\
##   xrepage.z & -0.02 & 0.05 \\
##   xrepedu.z & 0.18 & 0.05 \\
##   xrepincome.z & 0.07 & 0.04 \\
##   xrephh\_size.z & 0.15 & 0.04 \\
##   xrepmurder\_yes & 0.12 & 0.06 \\
##   xrepterr\_2 & 0.40 & 0.08 \\
##   xrepterr\_3 & 0.55 & 0.07 \\
##   xrepterr\_4 & -0.38 & 0.08 \\
##   xrepterr\_5 & 0.16 & 0.08 \\
##   xrepterr\_6 & 0.53 & 0.08 \\
##   zrep & 0.08 & 0.14 \\
##    \hline
## \end{tabular}
## \end{table}
```

```
xtable(round(cbind(drc.ptg.sp$par.outcome, drc.ptg.sp$se.outcome), 2)) # Outcome Equation
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:35:30 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrr}
```

```
##   \hline
##  & 1 & 2 \\
##   \hline
## xrep(Intercept) & 0.03 & 0.09 \\
##   xrepfemale & 0.03 & 0.04 \\
##   xrepage.z & 0.06 & 0.04 \\
##   xrepedu.z & 0.13 & 0.04 \\
##   xrepincome.z & 0.03 & 0.03 \\
##   xrephh\_size.z & 0.10 & 0.04 \\
##   xrepmurder\_yes & 0.01 & 0.05 \\
##   xrepterr\_2 & 0.20 & 0.06 \\
##   xrepterr\_3 & 0.12 & 0.06 \\
##   xrepterr\_4 & -0.01 & 0.08 \\
##   xrepterr\_5 & 0.03 & 0.06 \\
##   xrepterr\_6 & 0.19 & 0.06 \\
##   xrepactivity\_prev & 0.19 & 0.04 \\
##   xrepPTG & 0.09 & 0.03 \\
##   zrep & 0.19 & 0.09 \\
##    \hline
## \end{tabular}
## \end{table}
```

Table I.27: Causal mediation analysis for Sri Lanka.

```
xtable(round(cbind(sri.sv.ptg$par.outcome, sri.sv.ptg$se.outcome), 2)) # Mediator Equation
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:35:30 2023
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrr}
##   \hline
##  & 1 & 2 \\
##   \hline
## xrep(Intercept) & 1.73 & 0.09 \\
##   xrepfemale & -0.12 & 0.08 \\
##   xrepage.z & -0.02 & 0.08 \\
##   xrepedu.z & 0.05 & 0.08 \\
##   xrepincome.z & -0.19 & 0.09 \\
##   xrephh\_size.z & 0.15 & 0.07 \\
##   xrepkilled & 0.32 & 0.12 \\
##   xreptrauma & 1.48 & 0.13 \\
##   xrepeastern & -0.65 & 0.10 \\
##   zrep & 1.67 & 0.18 \\
##    \hline
## \end{tabular}
## \end{table}
```

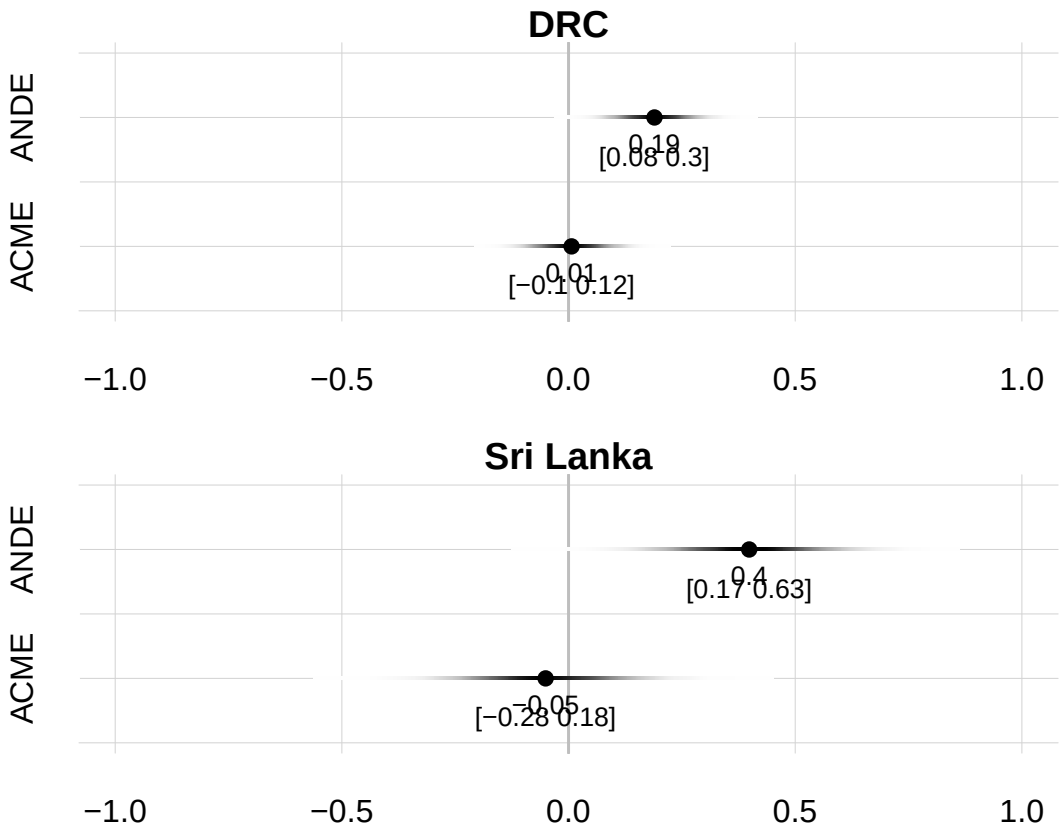
```
xtable(round(cbind(sri.ptg.sp$par.outcome, sri.ptg.sp$se.outcome), 2)) # Outcome Equation
```

```
## % latex table generated in R 4.1.2 by xtable 1.8-4 package
## % Fri Aug 18 11:35:30 2023
## \begin{table}[ht]
```

```
## \centering
## \begin{tabular}{rrr}
##   \hline
##  & 1 & 2 \\
##   \hline
## xrep(Intercept) & 0.58 & 0.07 \\
##   xrepfemale & -0.06 & 0.05 \\
##   xrepage.z & -0.00 & 0.05 \\
##   xrepedu.z & 0.14 & 0.07 \\
##   xrepincome.z & -0.05 & 0.07 \\
##   xrephh\_size.z & 0.01 & 0.05 \\
##   xrepkilled & -0.00 & 0.08 \\
##   xreptrauma & -0.12 & 0.09 \\
##   xrepeastern & -0.20 & 0.10 \\
##   xrepprior & 0.06 & 0.10 \\
##   xrepPTG & -0.03 & 0.03 \\
##   zrep & 0.40 & 0.20 \\
##    \hline
## \end{tabular}
## \end{table}
```

Figure I.4: Causal mediation analysis: The civic effect of CRSV is not mediated by posttraumatic growth (PTG).

```
source("Code/ajps_replication_figure_I4.R")
```


DRC
ANDE
ACME
0.19
[0.08 0.3]
0.01
[−0.1 0.12]
−1.0
−0.5
0.0
0.5
1.0
Sri Lanka
ANDE
ACME
0.4
[0.17 0.63]
−0.05
[−0.28 0.18]
−1.0
−0.5
0.0
0.5
1.0

END