

Commitment to Rebellion: Evidence from Syria

Replication Instructions

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Please contact Sam Whitt (swhitt@highpoint.edu) for questions regarding replication of results. Replication instructions are written for analysis in STATA. Please use the replication dataset that accompanies these instructions (**JCR_Syria_Replication.dta**).

Contents

Manuscript Tables and Figures	2
Table 1. Descriptive Statistics.....	2
Figure 1. Variation in Fighting Commitment by Cohort	4
Figure 2. Commitment to Fighting	5
Figure 3. Psychological Correlates of Fighting.....	6
Appendix Table 1. Variable Description and Coding.....	6
Appendix Figure 1. Index of Sectarianism Components (Means, 95% CIs)	7
Online Appendix Replication Instructions.....	8
Table 1.A.....	8
Table 1.B.....	8
Table 1.C.....	8
Table 1.D.....	8
Table 1.E	9
Table 2a.....	9
Table 2b	9
Table 3.	9
Table 4.	10
Social Desirability Bias Figures.....	10
Figure 4.	10
Figure 5	10
Figure 6	10
Response Bias due to Financial Incentives	10
Figure 7	10
Interpretation of Results.....	10

Figure 8	10
Figure 9	11
Figure 10	11

Manuscript Tables and Figures

Table 1. Descriptive Statistics

	Mean	SD	N
FSA fighters	0.20	0.40	61/305
Islamist fighters	0.16	0.37	49/305
Civilians inside Syria	0.28	0.45	85/305
Refugees in Turkey	0.20	0.40	60/305
Ex-FSA in Turkey	0.16	0.37	50/305
Aleppo	0.31	0.46	95/305
Idlib	0.33	0.47	100/305
Turkey	0.36	0.48	110/305
Female	0.12	0.33	37/305
Age	29.80	9.39	296
Education	2.47	0.72	296
Employed	0.84	0.37	297

sum fsa fighter islamist ex fighter civilian refugee aleppo idlib turkey female age education working

Balance across cohorts (Combined Kolmogorov-Smirnov D-statistics)

	Fighters vs. non- fighters	Refugees vs. non- Refugees	FSA vs. Islamists	Fighters vs ex- fighters	Fighters vs. civilians	Fighters vs. refugees	Refugees vs. Civilians
Female	0.05	0.06	0.09	0.09	0.11	0.08	0.03
Age	0.06	0.16	0.18	0.17	0.06	0.14	0.12
Education	0.08	0.03	0.07	0.25**	0.09	0.05	0.09
Employed	0.00	0.09	0.04	0.00	0.06	0.07	0.13

*** p<0.01, ** p<0.05, * p<0.1

active fighters vs. nonfighters

ksmirnov female, by(activefighter)
ksmirnov age, by(activefighter)
ksmirnov education, by(activefighter)
ksmirnov working, by(activefighter)

refugees vs. non-refugees

ksmirnov female, by(refugee)
ksmirnov age, by(refugee)
ksmirnov education, by(refugee)
ksmirnov working, by(refugee)

fsa fighters vs. islamists

ksmirnov female if allfighter==1, by(islamist)
ksmirnov age if allfighter==1, by(islamist)
ksmirnov education if allfighter==1, by(islamist)
ksmirnov working if allfighter==1, by(islamist)

fighters vs. exfighters

ksmirnov female if allfighter==1, by(exfighter)
ksmirnov age if allfighter==1, by(exfighter)
ksmirnov education if allfighter==1, by(exfighter)
ksmirnov working if allfighter==1, by(exfighter)

active fighters vs. civilians

ksmirnov female if exfighter==0 & refugee==0, by(civilian)
ksmirnov age if exfighter==0 & refugee==0, by(civilian)
ksmirnov education if exfighter==0 & refugee==0, by(civilian)
ksmirnov working if exfighter==0 & refugee==0, by(civilian)

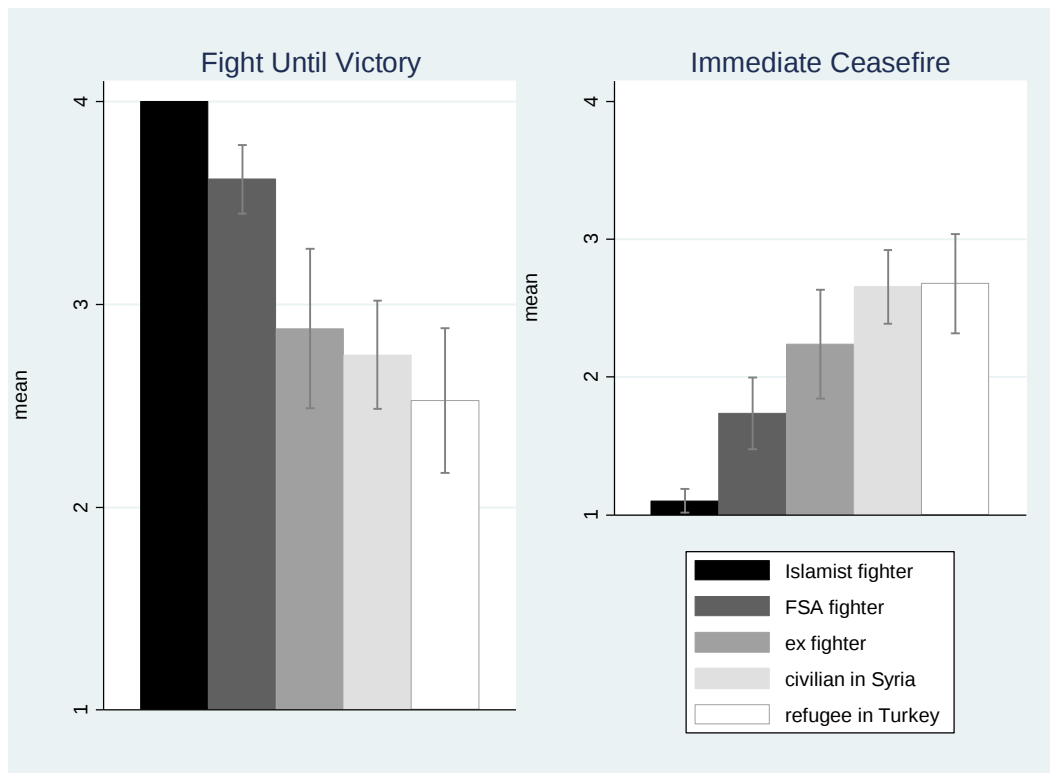
active fighters vs. refugees

ksmirnov female if exfighter==0 & civilian==0, by(refugee)
ksmirnov age if exfighter==0 & civilian==0, by(refugee)
ksmirnov education if exfighter==0 & civilian==0, by(refugee)
ksmirnov working if exfighter==0 & civilian==0, by(refugee)

civilians vs. refugees

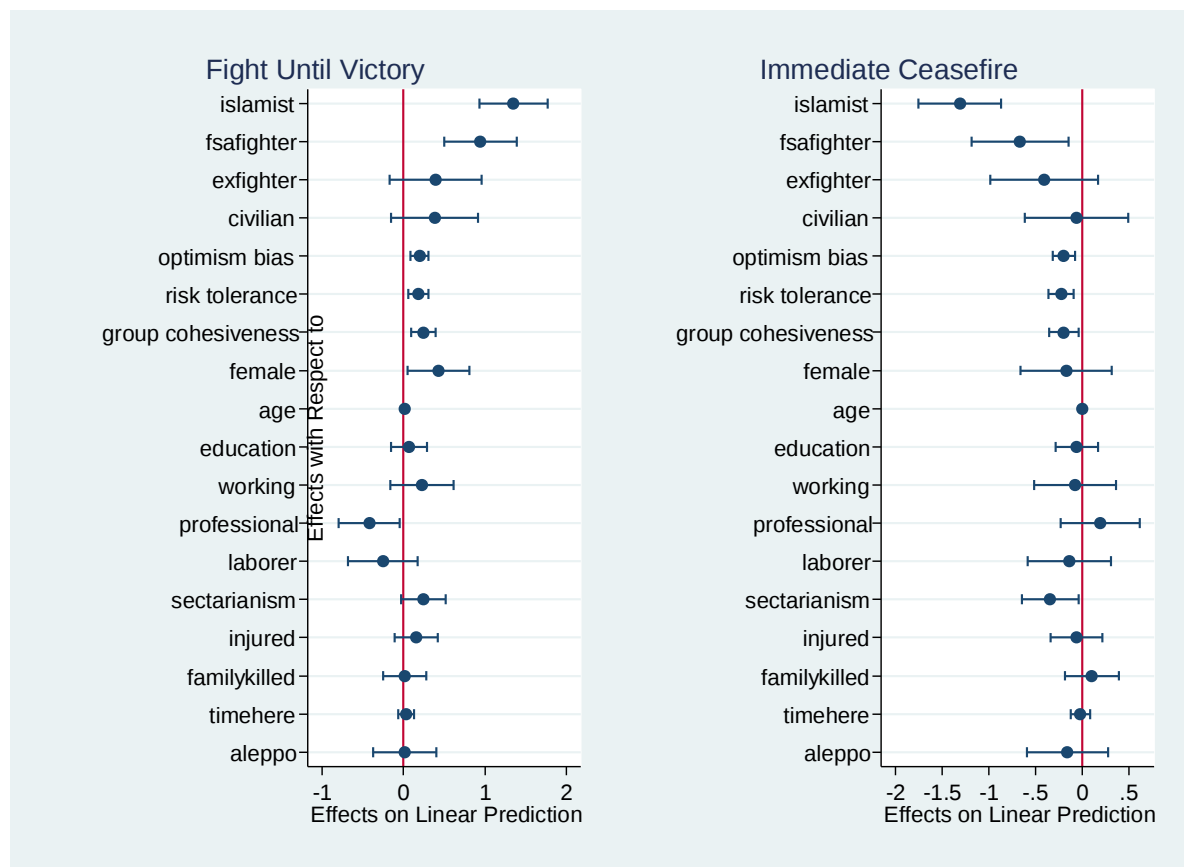
ksmirnov female if allfighter==0, by(refugee)
ksmirnov age if allfighter==0, by(refugee)
ksmirnov education if allfighter==0, by(refugee)
ksmirnov working if allfighter==0, by(refugee)

Figure 1. Variation in Fighting Commitment by Cohort



cibar revforvictory, over1(wargroup) saving(g1)
cibar revforvictory, over1(wargroup) saving(g2)
graph combine g1 g2
reformatting required

Figure 2. Commitment to Fighting

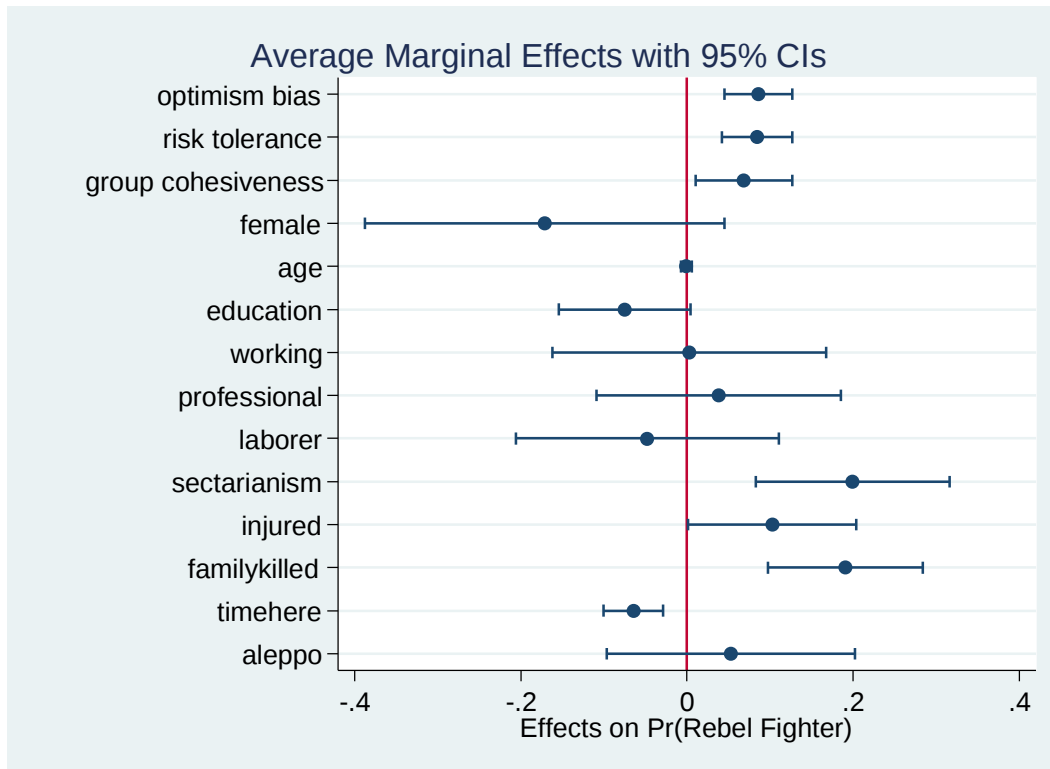


```
reg revforvictory islamist fsafighter exfighter civilian revfsawin revnotafraidrisk
revclosefsa female age education working professional laborer sectarian injured
familykilled timehere aleppo, robust
margins, dydx(*)
marginsplot, horizontal xline(0) saving(forvictory)
```

```
reg revceasefire islamist fsafighter exfighter civilian revfsawin revnotafraidrisk revclosefsa
female age education working professional laborer sectarian injured familykilled timehere
aleppo, robust
margins, dydx(*)
marginsplot, horizontal xline(0) saving(ceasefire)
```

```
graph combine "forvictory" "ceasefire"
*reformatting required*
```

Figure 3. Psychological Correlates of Fighting

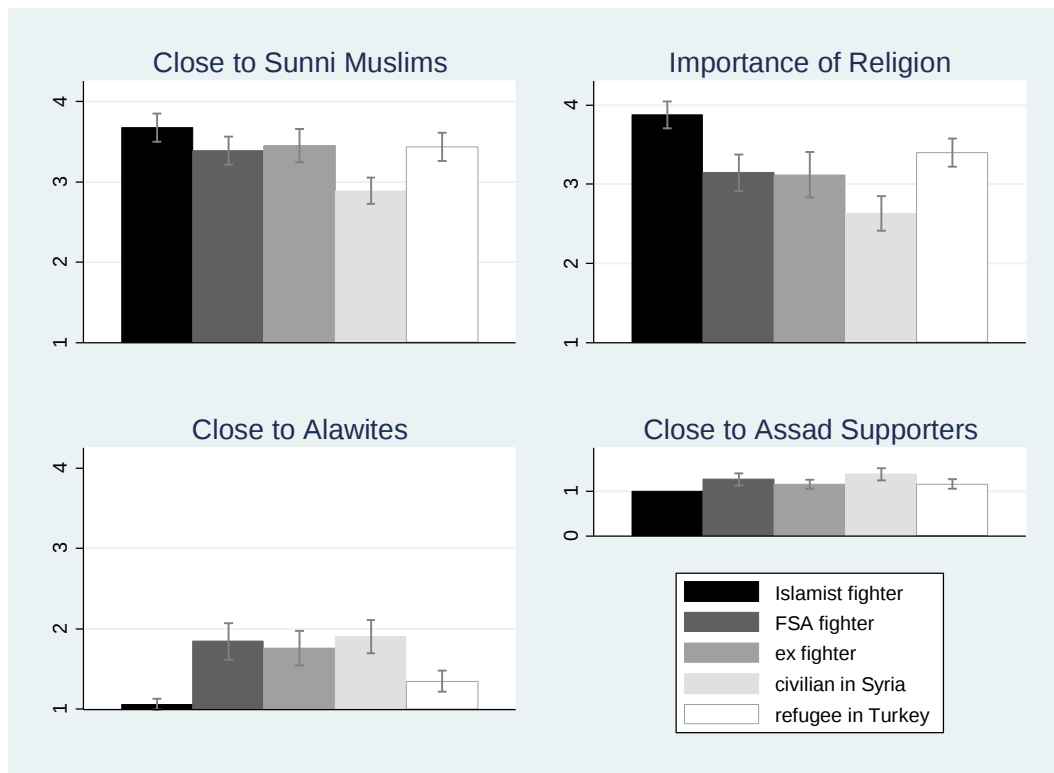


logit allfighter revfsawin revnotafraidrisk revclosefsa female age education working
 professional laborer sectarian injured familykilled timehere aleppo, robust
 margins, dydx(*)
 marginsplot, horizontal xline(0)
 reformatting required

Appendix Table 1. Variable Description and Coding

sum revforvictory revceasefire revfsawin revnotafraidrisk revclosefsa female age education
 working professional laborer student revimpreligion revclosesunni revclosealawites
 revcloseassadsup sectarian injured familykilled timehere aleppo

Appendix Figure 1. Index of Sectarianism Components (Means, 95% Cis)



```
cibar revclosesunni, over1(wargroup) saving(g1)
cibar revclosealawite, over1(wargroup) saving(g2)
cibar revcloseassadsup, over1(wargroup) saving(g3)
cibar revimpreligion, over1(wargroup) saving(g4)
graph combine g1 g2 g3 g4
*reformatting required*
```

```
*Sectarianism index*
alpha revclosesunni revclosealawite revimpreligion revcloseassadsup, gen(sectarian)
```

Online Appendix Replication Instructions

Table 1.A

**sum leave_dangerous leave_threatened leave_familypressure leave_friendpressure
leave_neighborsleft leave_noplacetostay leave_homedestroyed leave_tooexpensive
leave_nomoney leave_govtooktown leave_isistooktown if refugee==1**

tab leave_main if refugee==1

**sum leave_dangerous leave_threatened leave_familypressure leave_friendpressure
leave_neighborsleft leave_noplacetostay leave_homedestroyed leave_tooexpensive
leave_nomoney leave_govtooktown leave_isistooktown if exfighter==1**

tab leave_main if exfighter==1

Table 1.B

**tab stay_nooption if civilian==1
tab stay_nohelp if civilian==1
tab stay_nomoney if civilian==1
tab stay_dangertotravel if civilian==1
tab stay_protectfam if civilian==1
tab stay_protecthome if civilian==1
tab stay_fight if civilian==1
tab stay_helpfighters if civilian==1**

Table 1.C

**sum nofight_mustwork nofight_familypressure nofight_notasked nofight_religion
nofight_againstgoals nofight_lackskills nofight_badhealth nofight_afraid if civilian==1**

**sum nofight_mustwork nofight_familypressure nofight_notasked nofight_religion
nofight_againstgoals nofight_lackskills nofight_badhealth nofight_afraid if refugee==1**

Table 1.D

**sum defeatassad revenge defendtown supportgoals inspiredbygroup friendsjoined
familypressure wantrespect forced money if fsafighter==1**

tab fight_main if fsafighter==1

**sum defeatassad revenge defendtown supportgoals inspiredbygroup friendsjoined
familypressure wantrespect forced money if exfighter==1**

tab fight_main if exfighter==1

**sum defeatassad revenge defendtown supportgoals inspiredbygroup friendsjoined
familypressure wantrespect forced money if islamist==1**

tab fight_main if islamist==1

Table 1.E

**sum mostfight_defeatassad mostfight_revenge mostfight_defendtown
mostfight_supportgoals mostfight_inspired mostfight_friendsjoined
mostfight_familypressure mostfight_respect mostfight_forced mostfight_money
mostfight_islam mostfight_training if exfighter==1**

**sum mostfight_defeatassad mostfight_revenge mostfight_defendtown
mostfight_supportgoals mostfight_inspired mostfight_friendsjoined
mostfight_familypressure mostfight_respect mostfight_forced mostfight_money
mostfight_islam mostfight_training if islamist==1**

tab mostfight_main if islamist==1

Table 2a

**reg revforvictory islamist fsafighter exfighter civilian, robust
reg revforvictory revfsawin revnotafraidrisk revclosefsa, robust
reg revforvictory islamist fsafighter exfighter civilian female age education working
professional laborer sectarian injured familykilled timehere aleppo, robust
reg revforvictory islamist fsafighter exfighter civilian revfsawin revnotafraidrisk
revclosefsa female age education working professional laborer sectarian injured
familykilled timehere aleppo, robust**

Table 2b

**reg revceasefire islamist fsafighter exfighter civilian, robust
reg revceasefire revfsawin revnotafraidrisk revclosefsa, robust
reg revceasefire islamist fsafighter exfighter civilian female age education working
professional laborer sectarian injured familykilled timehere aleppo, robust
reg revceasefire islamist fsafighter exfighter civilian revfsawin revnotafraidrisk revclosefsa
female age education working professional laborer sectarian injured familykilled timehere
aleppo, robust**

Table 3.

**logit allfighter revfsawin revnotafraidrisk revclosefsa female age education working
professional laborer sectarian injured familykilled timehere aleppo, robust**

Table 4.

**sum revforvictory revceasefire revfsawin revnotafraidrisk revclosefsa female age education
working professional laborer student revimpreligion revclosesunni revclosealawites
revcloseassadsup sectarian injured familykilled timehere aleppo**

Social Desirability Bias Figures

Figure 4.

**reg revforvictory fsafighter civilian & environment~=. , robust
margins, dydx(*) saving(file1, replace)
reg revforvictory fsafighter civilian revclosehere comfort environment understood if
environment~=. , robust
margins, dydx(*) saving(file2, replace)
combomarginsplot file1 file2, horizontal xline(0) plotdim(_filenumber)
*reformatting required***

Figure 5

graph box revforvictory, over(wargroup)

Figure 6

**reg revforvictory islamist fsafighter exfighter civilian, robust
margins, dydx(*) saving(file 1)
reg revforvictory islamist fsafighter exfighter civilian revclosehere, robust
margins, dydx(*) saving(file 2)
combomarginsplot "file 1" "file 2", horizontal xline(0) plotdim(_filenumber)
*reformatting required***

Response Bias due to Financial Incentives

Figure 7

**reg revforvictory fsafighter exfighter civilian sendlocal assadterritory, robust
margins, dydx(*)
marginsplot, horizontal xline(0)
*reformatting required***

Interpretation of Results

Figure 8

**reg revclosefsa timefighting
margins, dydx(*) saving(cfsa)
reg notafraidrisk timefighting
margins, dydx(*) saving(nfr)
reg revfsawin timefighting
margins, dydx(*) saving(fsaw)
combomarginsplot fsaw nfr cfsa, xline(0) horizontal**

reformatting required

Figure 9

```
reg revclosefsa timehere
margins, dydx(*) saving(cfsa, replace)
reg notafraidrisk timehere
margins, dydx(*) saving(nfr, replace)
reg revfsawin timehere
margins, dydx(*) saving(fsaw, replace)
combomarginsplot fsaw nfr cfsa, xline(0) horizontal
*reformatting required*
```

Figure 10

```
graph box revfsawin revnotafraidrisk revclosefsa, by(wargroup)
*reformatting required*
```