Online Supplement

Contents

Summary Statistics..... 2

Information on Religious Repression Scale..... 3

Information on Instrumental Variable Regression..... 4

Robustness Checks..... 5

Summary Statistics

Variable	Obs	Mean	Std. Dev.	Min	Max
Religious Repression	6,148	1.003062	1.817514	0	10
GDP	5,529	8.143382	2.179216	0	11.72346
Population	6,342	15.14273	2.403559	5.573728	21.02389
Ethnic fractionalization	6,426	0.441333	0.256612	0	0.9302
Democracy	5,346	0.563786	0.629305	0	5
Conflict intensity	6,930	0.192929	0.486661	0	2
Land	5,947	602288.8	1473004	0	9327489
Religious Conflict	6,360	0.104403	0.524997	0	3
Religious Mobilization	6,427	0.041388	0.199201	0	1
Religious Demands	6,427	0.031741	0.175324	0	1
Forested land	6,392	31.66146	23.57777	0	94.62564
Mountainous land	5,304	2.104431	1.434411	0	4.55703

Information on Religious Repression Scale

The dependent variable for our study, *Religious Repression,* is a composite scale drawn from the Religion and State dataset. This dataset includes a range of measures that assess the intersection between government and religion, ranging from 1990 to 2008. This includes, for example, information about official state religion(s), religious discrimination, religious regulations on all or minority religions, and religious legislation.

The Religion and State dataset includes its own index. However, that measure draws from all of its variables, and thus has a broader scope than our analysis in this article. Instead, we draw from a few of the composites contained within the Religion and State dataset.

The first composite, *SCX,* measures the extent to which the state restricts some or all religions. The second, *MX,* is the sum of all 30 variables measuring minority religious discrimination. And the third, *NX,* is the sum of the 29 variables measuring regulation of religious activity.

We combine these composites into one *Religious Repression* index by taking their sum and then setting the range of score to run from 0 to 10 with the min-max method. The Cronbach's alpha for this index was 0.67. This is not ideal (the preferred score is 0.7 or above) but given the complicated nature of this data (and the relatively few components) it is acceptable. Moreover, the alpha score for the version using scaled composites as components was 0.82, suggesting the different scales of the composites may explain some of the low score. We thought it preferable to use the scores as calculated in the Religion and State dataset in our analysis. However, we did include the results using alternate checks in the robustness checks below.

We also used numerous alternate version of this index in robustness checks. We scaled *MX, NX* and *SCX* and used them as alternate dependent variables. We also created an alternate religious repression index using these scaled composites, as well as an alternate that scaled the raw components of all composites. Additionally, we used a version of the *Religious Repression* index that it not set on a 0 to 10 scale, and an alternate version using variables from the Religion and State dataset that correspond to the Pew Research Center's "Global Restrictions on Religion" dataset.

The results were unchanged using all alternate dependent variables; the religious conflict variables were still statistically significant with a positive effect on religious repression.

Information on Instrumental Variable Regression

The two instruments we used in the instrumental variable regression, percent forested land and mountainous terrain, performed well under several diagnostic checks for instruments. We conducted these tests using the ivreg2 command in Stata 13 by Baum, Shaffer and Stillman.[1]

The instruments performed well for all three models. As seen in the below robustness checks with the first stage results, the instruments are statistically significant. Additionally, the first-stage regression has a a minimum F score of 18.58 across the three models.

The instrument also performs well in underidentification, weak identification and overidentification tests. The underidentification test uses the Kleibergen-Paap rk statistic; it rejects the null at the 0.001 level, indicating the equation is identified. The weak identification test uses Kleibergen-Paap rk Wald F statistic; at 19.59 it is nearly greater than the 10% maximal IV size Stock-Yogo critical value (19.93), suggesting there is not an issue with weak identification.

Yet, the instruments are slightly less valid for Religious mobilization. This is not surprising, however, as this variable tended to be less significant in many of the models. In the first stage regression, forested land was significant but mountainous land was not; the F score was still large, though, at 18.68. The underidentification and weak identifications also support the instruments.

A divergence occurs with the overidentification tests. These tests reject the null hypothesis for all three models, indicating they may be overidentified with two instruments. Yet, both instruments are significant in the first-stage regression, except for the model involving *Religious Mobilization.* The models perform better with both instruments included, so we used this specification for the main analysis, but we did run robustness checks for all three main models with just forested land as an instrument. The results were unchanged.

[1] Baum, C.F., Schaffer, M.E., Stillman, S. 2010. ivreg2: Stata module for extended instrumental variables/2SLS, GMM and AC/HAC, LIML and k-class regression. http://ideas.repec.org/c/boc/bocode/s425401.html

Robustness Checks

Table A: Both stages of instrumental variable regression

VARIABLES	(1) Religious Conflict	(2) Religious Repression	(3) Religious mobilization	(4) Religious Repression	(5) Religious Demand	(6) Religious Repression
GDP	0.01	0.13***	0.01**	0.03	0.00	0.18***
	(0.01)	(0.02)	(0.00)	(0.07)	(0.00)	(0.01)
Population	0.07***	0.04	0.03***	-0.20***	0.02***	0.26***
	(0.01)	(0.04)	(0.00)	(0.06)	(0.00)	(0.03)
Ethnic	0.17***	-1.26***	0.08***	-1.94***	0.05***	-0.76***
	(0.02)	(0.20)	(0.01)	(0.31)	(0.01)	(0.17)
Democracy	0.04**	-1.30***	0.01**	-1.36***	0.01*	-1.24***
	(0.02)	(0.21)	(0.01)	(0.25)	(0.01)	(0.20)
Conflict Intensity	0.36***	-1.76***	0.15***	-3.32***	0.10***	-0.66***
	(0.06)	(0.34)	(0.03)	(0.73)	(0.02)	(0.13)
Land	-0.00**	-0.00	-0.00**	0.00	-0.00**	-0.00***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
pctforest	-0.00***		-0.00***		-0.00***	
	(0.00)		(0.00)		(0.00)	
log of mtnest	-0.01***		0.00		-0.01***	
	(0.00)		(0.00)		(0.00)	
Religious Conflict		4.72***				
		(0.62)				
Religious mobilization				21.40***		
				(3.11)		
Religious Demand						5.69***
						(0.86)
Constant	-1.25***	0.40	-0.49***	5.32***	-0.38***	-3.53***
	(0.15)	(0.63)	(0.07)	(1.58)	(0.04)	(0.41)
Observations	3,672	3,672	3,672	3,672	3,672	3,672
R-squared	0.17	-1.59	0.19	-5.20	0.13	-0.09

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table B: Alternate Models

VARIABLES	Random Effects	Selection Model	Coarsened Exact Matching	Fixed Effects
Religious Conflict	0.23***	0.27**	0.31***	0.20***
	(0.04)	(0.11)	(0.08)	(0.04)
GDP	0.88***	0.36***	0.17***	0.76***
	(0.06)	(0.07)	(0.04)	(0.07)
Land	-0.00***	0.00	-0.00	0.00
	(0.00)	(0.00)	(0.00)	(0.00)
Population	2.39***	0.25***	0.30***	3.07***
	(0.11)	(0.08)	(0.02)	(0.10)
Ethnic	0.27	-0.99***	-0.37**	
	(1.23)	(0.24)	(0.16)	
Democracy	0.10*	-1.05***	-1.32***	-0.00
	(0.06)	(0.13)	(0.08)	(0.06)
Conflict Intensity	-0.00	0.00	-0.15	0.02
	(0.04)	(0.14)	(0.11)	(0.04)
pctforest				
Ethnic = o,				-
Constant	-42.64***	-3.78***	-3.91***	-54.58***
	(1.68)	(1.39)	(0.48)	(2.93)
Observations	4,365	4,429	2,271	4,365
R-squared			0.20	0.29
Number of ccode	171			171

Standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table C: Coarsened Exact Matching with only matched observations

VARIABLES	
Religious Conflict	5.46***
	(0.72)
GDP	0.09***
	(0.03)
Population	0.10**
	(0.04)
Ethnic	-1.14***
	(0.24)
Democracy	-1.07***
	(0.20)
Conflict Intensity	-2.33***
	(0.44)
Land	-0.00***
	(0.00)
Constant	-0.27
	(0.70)
Observations	3,411
R-squared	-1.81

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table D: Alternate Control Variables, 1

	Polity	Political Terror Scale	Recent Conflict
Religious Conflict	2.17***	4.89***	0.25**
	(0.58)	(0.54)	(0.12)
GDP	0.22***	0.03	0.44***
	(0.02)	(0.03)	(0.07)
Population	0.22***	-0.09***	0.24**
	(0.05)	(0.03)	(0.10)
Ethnic	-0.87***	-0.98***	-1.75***
	(0.12)	(0.16)	(0.45)
polity2_	-0.10***		
	(0.02)		
Conflict Intensity	-0.80***	-2.02***	-0.07
	(0.15)	(0.35)	(0.14)
Land	-0.00**	0.00	-0.00
	(0.00)	(0.00)	(0.00)
pts		0.25***	
		(0.06)	
Democracy			-2.04***
			(0.10)
recency			0.11***
			(0.03)
pctforest			
Constant	-3.55***	2.06***	-2.53
	(0.77)	(0.69)	(2.37)
Observations	3,630	3,628	4,115
R-squared	-0.12	-1.83	

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table E: Alternate Control Variables, 2

VARIABLES	With Religious Fractionalization
Religious Conflict	3.74***
	(0.53)
GDP	0.15***
	(0.02)
Population	0.09***
	(0.04)
Ethnic	-0.85***
	(0.14)
Democracy	-1.29***
	(0.21)
Conflict Intensity	-1.45***
	(0.26)
Land	0.00
	(0.00)
Religion	-1.13***
	(0.22)
Constant	-0.15
	(0.49)
Observations	3,672
R-squared	-0.87

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table F: Alternate Controls, 3

VARIABLES	With ongoing conflict
Religious Conflict	19.26***
	(4.10)
GDP	0.04
	(0.10)
Population	0.03
	(0.10)
Ethnic	0.92*
	(0.53)
Democracy	-2.14***
	(0.50)
Conflict Intensity	-3.63***
	(0.90)
Land	0.00*
	(0.00)
ongoing	-15.03***
	(3.69)
Constant	1.37
	(1.94)
Observations	3,672
R-squared	-26.33

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table G: Models with lagged variables

VARIABLES	Lagged dependent variable in model	Lagged explanatory and control variables
GDP	0.02	
	(0.01)	
Population	0.03***	
	(0.01)	
Ethnic	-0.03	
	(0.06)	
Democracy	-0.06**	
	(0.02)	
Conflict Intensity	0.02	
	(0.02)	
Land	-0.00	
	(0.00)	
Religious Repression = L,	0.92***	
	(0.01)	
Religious Conflict	0.03**	
	(0.02)	
GDP = L,		0.81***
		(0.07)
Population = L,		2.47***
		(0.12)
Ethnic = L,		0.09
		(1.26)
Democracy = L,		0.09
		(0.06)
Conflict Intensity = L,		0.02
		(0.04)
Land = L,		-0.00***
		(0.00)
Religious Conflict = L,		0.22***
		(0.04)
Constant	-0.50***	-42.98***
	(0.18)	(1.75)
Observations	4,248	4,196
Number of ccode	171	171

Standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table H: Middle East conflicts removed

VARIABLES	
Religious Conflict	18.58***
	(6.94)
GDP	0.11
	(0.14)
Population	-1.23**
	(0.58)
Ethnic	-4.39***
	(1.58)
Democracy	-1.27***
	(0.43)
Conflict Intensity	-6.38**
	(2.72)
Land	0.00
	(0.00)
Constant	21.56**
	(9.81)
Observations	3,199
R-squared	-37.65

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table I: Propensity score included in model

VARIABLES	
Religious Conflict	0.21***
	(0.04)
GDP	0.24***
	(0.09)
Land	-0.00***
	(0.00)
Population	2.97***
	(0.13)
Ethnic	0.25
	(1.39)
Democracy	0.66***
	(0.10)
Conflict Intensity	-0.04
	(0.05)
Pr(conflict)	-6.48***
	(1.02)
Constant	-45.32***
	(1.71)
Observations	4,070
Number of ccode	170

Standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table J: Alternate Dependent Variables, 1

VARIABLES	(1) MX_scaled	(2) SCX_scaled	(3) NX_scaled
Religious Conflict	1.43***	2.90***	3.60***
	(0.17)	(0.30)	(0.51)
GDP	0.23***	0.09***	-0.05
	(0.01)	(0.03)	(0.04)
Population	0.23***	0.19***	0.04
	(0.03)	(0.03)	(0.04)
Ethnic	-1.15***	-0.38***	-1.98***
	(0.10)	(0.11)	(0.09)
Democracy	-1.64***	-1.90***	-1.68***
	(0.06)	(0.09)	(0.08)
Conflict Intensity	-0.78***	-1.82***	-2.24***
	(0.08)	(0.22)	(0.45)
Land	-0.00	-0.00***	0.00***
	(0.00)	(0.00)	(0.00)
Constant	-2.99***	0.77	2.72***
	(0.48)	(0.51)	(0.80)
Observations	2,585	2,585	2,584
R-squared	-0.01	-0.30	-1.36

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table K: Alternate Dependent Variables, 2

VARIABLES	(1) Alternate RAS variables	(2) Unscaled index	(3) Index with scaled composite components
Religious Conflict	2.68***	50.54***	7.93***
	(0.34)	(6.63)	(0.87)
GDP	-0.04	1.43***	0.27***
	(0.03)	(0.25)	(0.06)
Population	-0.08***	0.48	0.46***
	(0.02)	(0.40)	(0.09)
Ethnic	-1.62***	-13.52***	-3.51***
	(0.07)	(2.11)	(0.26)
Democracy	-1.13***	-13.86***	-5.22***
	(0.06)	(2.24)	(0.20)
Conflict Intensity	-1.65***	-18.82***	-4.83***
	(0.32)	(3.64)	(0.71)
Land	0.00***	-0.00	-0.00
	(0.00)	(0.00)	(0.00)
Constant	3.48***	4.26	0.49
	(0.51)	(6.74)	(1.39)
Observations	2,587	3,672	2,584
R-squared	-2.09	-1.59	-0.59

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table L: Alternate Dependent Variables, 3

VARIABLES	(1) Index with all components scaled
Religious Conflict	1.75***
	(0.19)
GDP	0.08***
	(0.01)
Population	0.11***
	(0.02)
Ethnic	-1.09***
	(0.06)
Democracy	-1.21***
	(0.05)
Conflict Intensity	-1.04***
	(0.16)
Land	0.00
	(0.00)
Constant	-0.31
	(0.32)
Observations	2,587
R-squared	-0.56

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table M: Alternate measure of religious conflict

VARIABLES	(1) Religious Repression
relconflict2	8.82***
	(1.17)
GDP	0.10***
	(0.04)
Population	-0.05
	(0.05)
Ethnic	-1.51***
	(0.22)
Democracy	-1.32***
	(0.22)
Conflict Intensity	-2.32***
	(0.46)
Land	0.00
	(0.00)
Constant	2.28**
	(0.92)
Observations	3,672
R-squared	-2.69

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table N: Alternate Instrumental Variable regression

VARIABLES	(1)	(2)	(3)
Religious Conflict	10.41***		
	(1.75)		
GDP	0.20***	0.24***	0.14***
	(0.05)	(0.05)	(0.05)
Population	-0.07	-0.12*	-0.01
	(0.05)	(0.07)	(0.04)
Ethnic	-1.26***	-1.28***	-1.22***
	(0.24)	(0.31)	(0.22)
Democracy	-1.50***	-1.55***	-1.44***
	(0.25)	(0.28)	(0.24)
Conflict Intensity	-3.93***	-4.11***	-3.70***
	(0.94)	(1.08)	(0.87)
Land	-0.00	-0.00	-0.00*
	(0.00)	(0.00)	(0.00)
Religious Demand		37.67***	
		(7.58)	
Religious mobilization			23.28***
			(3.79)
Constant	1.50	1.87	1.04
	(1.04)	(1.28)	(0.93)
Observations	4,336	4,336	4,336
R-squared	-8.17	-12.85	-5.58

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table O: Zeroes treated as missing

VARIABLES			
relconflict_lessz	3.04***		
	(0.30)		
GDP	0.14***	0.04	0.19***
	(0.05)	(0.08)	(0.03)
Population	0.17**	0.11*	0.32***
	(0.07)	(0.06)	(0.06)
Ethnic	-1.49***	-1.78***	-1.12***
	(0.18)	(0.16)	(0.19)
Democracy	-1.53***	-1.55***	-1.48***
	(0.16)	(0.19)	(0.13)
Conflict Intensity	-1.43***	-1.93***	-0.88***
	(0.20)	(0.32)	(0.13)
Land	-0.00***	-0.00***	-0.00***
	(0.00)	(0.00)	(0.00)
relmob_vary_lessz		9.40***	
		(1.00)	
reldemand_vary_lessz			6.74***
			(0.75)
Constant	-1.03	0.83	-4.06***
	(1.08)	(1.14)	(0.89)
Observations	1,100	1,100	1,100
R-squared	-1.93	-2.59	-1.04

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1