

Replication of Besley and Reynal-Querol (2014, APSR)

Shom Mazumder

March 21, 2016

Table 2: Replication

Table 1: Political Violence (Replication)

	<i>Dependent variable:</i>								
	Civil war <i>OLS</i>		Civil war <i>OLS</i>		Purges <i>ordered logistic</i>		Purges <i>OLS</i>	Conflict (ordered) <i>OLS</i>	Conflict (ordered) <i>ordered logistic</i>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
War Prevalence 1400-1700	0.123** (0.051)	0.127** (0.057)	0.002*** (0.001)	0.002*** (0.001)	0.070*** (0.026)	0.069* (0.036)	0.101** (0.048)	0.002*** (0.001)	0.066*** (0.043)
Slave exports							0.864*** (0.324)	0.002 (0.003)	0.875*** (0.451)
Population Density in 1400							1.074 (1.230)	0.001 (0.009)	0.103 (0.936)
Observations	48	47	48	48	48	48	47	47	48
R ²	0.421	0.784	0.480	0.485			0.844	0.913	

Note:

*p<0.1; **p<0.05; ***p<0.01

Table 3: Replication

Table 2: GDP and Institutions (Replication)

	<i>Dependent variable:</i>				
	GDP per capita, 2000			GDP per capita, 2000	GDP per capita, 2000
	(1)	(2)	(3)	(4)	(5)
War Prevalence 1400-1700	-0.007 (0.005)	-0.009* (0.005)	-0.007 (0.005)	0.0005 (0.011)	-0.0001 (0.004)
Slave exports			-0.077* (0.042)		
Population Density in 1400			0.088 (0.134)		
Observations	48	48	48	35	47
R ²	0.427	0.895	0.913	0.936	0.669

Note: *p<0.1; **p<0.05; ***p<0.01

Table 4: Replication

Table 3: Trust and Identity

	<i>Dependent variable:</i>					
	Inter group (1)	Ethnic Identity (2)	National Identity (3)	Inter group (4)	Ethnic Identity (5)	National Identity (6)
War prevalence 1400-1700	-0.013*** (0.003)	0.001* (0.001)	-0.024*** (0.001)	-0.017*** (0.004)	0.002*** (0.001)	-0.024*** (0.002)
Civil war prevalence				-0.010 (0.010)	0.003 (0.002)	0.0001 (0.005)
Observations	17,419	17,564	17,564	17,419	17,564	17,564
R ²	0.110	0.042	0.140	0.110	0.042	0.140
<i>Note:</i>					*p<0.1; **p<0.05; ***p<0.01	

Table 5: Replication

Table 4: Conflict and Light Density in Grid Cells: Core Results

	<i>Dependent variable:</i>			
	Conflict 1997-2010		Conflict 1997-2010	
	(1)	(2)	(3)	(4)
Historical conflict in grid	0.150*** (0.046)	0.110** (0.046)	-0.077*** (0.025)	-0.083*** (0.026)
lpopdensity	0.082*** (0.004)	0.088*** (0.005)	0.060*** (0.004)	0.061*** (0.005)
Observations	3,496	3,378	3,388	3,282
R ²	0.390	0.450	0.380	0.410
<i>Note:</i>		*p<0.1; **p<0.05; ***p<0.01		

Table 6: Replication

Table 5: Conflict in Grid Cells (Replication)

	<i>Dependent variable:</i>						
	ConflictGrid						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Historic Conflict in Grid	0.105*** (0.038)	0.100** (0.042)	0.100** (0.043)	0.091** (0.041)	0.096** (0.042)	0.083* (0.043)	0.079** (0.038)
City in 1400					0.007 (0.013)		0.003 (0.014)
Ethnic diversity	0.141 (0.096)						0.092 (0.082)
Slave exports		0.032 (0.020)					0.037* (0.020)
Capital city in Grid			0.003 (0.006)				0.003 (0.005)
Distance to capital 0-10%				-0.101* (0.053)			-0.078 (0.064)
Distance to capital 10-25%				-0.138*** (0.053)			-0.106* (0.061)
Distance to capital 25-50%				-0.126** (0.051)			-0.092 (0.058)
Distance to capital 50-75%				-0.076** (0.038)			-0.050 (0.044)
Distance to capital 75-90%				-0.065** (0.030)			-0.040 (0.031)
Jurisdictional hierarchy				0.148*** (0.056)			0.075 (0.066)
Log light density 1992						0.119* (0.063)	0.095 (0.066)
Mineral share						-0.096 (0.082)	-0.068 (0.088)
Country FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Observations	3,377	3,275	3,183	3,378	3,275	3,249	3,160
R ²	0.461	0.450	0.441	0.452	0.450	0.461	0.466

Note:

*p<0.1; **p<0.05; ***p<0.01

Table 7: Replication

Table 6: Light Density in Grid Cells (Replication)

	<i>Dependent variable:</i>						
	Economic Development						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Historic Conflict in Grid	-0.092** (0.041)	-0.082** (0.036)	-0.087** (0.034)	-0.107*** (0.034)	-0.089** (0.037)	-0.115*** (0.024)	-0.114*** (0.023)
City in 1400					0.018 (0.011)		0.001 (0.006)
Ethnic diversity	0.218** (0.097)						0.020 (0.036)
Slave exports		0.003 (0.010)					0.007 (0.007)
Capital city in Grid			0.004 (0.004)				0.004 (0.003)
Distance to capital 0-10%				-0.081 (0.051)			-0.076* (0.042)
Distance to capital 10-25%				-0.099** (0.047)			-0.068* (0.036)
Distance to capital 25-50%				-0.104** (0.043)			-0.070** (0.029)
Distance to capital 50-75%				-0.103*** (0.038)			-0.072*** (0.023)
Distance to capital 75-90%				-0.060** (0.029)			-0.055*** (0.017)
Jurisdictional hierarchy				0.233*** (0.043)			0.014 (0.032)
Log light density 1992						0.518*** (0.047)	0.509*** (0.043)
Mineral share						-0.211*** (0.068)	-0.199*** (0.066)
Observations	3,281	3,275	3,183	3,282	3,275	3,249	3,160
R ²	0.454	0.414	0.419	0.440	0.418	0.718	0.743

Note:

*p<0.1; **p<0.05; ***p<0.01

R Code