

APPENDIX

A.1: Nunn (2008) original tables

OLS log-log regressions:

TABLE III
RELATIONSHIP BETWEEN SLAVE EXPORTS AND INCOME

Dependent variable is log real per capita GDP in 2000, ln y						
	(1)	(2)	(3)	(4)	(5)	(6)
ln(exports/area)	-0.112*** (0.024)	-0.076*** (0.029)	-0.108*** (0.037)	-0.085** (0.035)	-0.103*** (0.034)	-0.128*** (0.034)
Distance from equator		0.016 (0.017)	-0.005 (0.020)	0.019 (0.018)	0.023 (0.017)	0.006 (0.017)
Longitude		0.001 (0.005)	-0.007 (0.006)	-0.004 (0.006)	-0.004 (0.005)	-0.009 (0.006)
Lowest monthly rainfall		-0.001 (0.007)	0.008 (0.008)	0.0001 (0.007)	-0.001 (0.006)	-0.002 (0.008)
Avg max humidity		0.009 (0.012)	0.008 (0.012)	0.009 (0.012)	0.015 (0.011)	0.013 (0.010)
Avg min temperature		-0.019 (0.028)	-0.039 (0.028)	-0.005 (0.027)	-0.015 (0.026)	-0.037 (0.025)
ln(coastline/area)		0.085** (0.039)	0.092** (0.042)	0.095** (0.042)	0.082** (0.040)	0.083** (0.037)
Island indicator				-0.398 (0.529)	-0.150 (0.516)	
Percent Islamic				-0.008*** (0.003)	-0.006* (0.003)	-0.003 (0.003)
French legal origin				0.755 (0.503)	0.643 (0.470)	-0.141 (0.734)
North Africa indicator				0.382 (0.484)	-0.304 (0.517)	
ln(gold prod/pop)					0.011 (0.017)	0.014 (0.015)
ln(oil prod/pop)					0.078*** (0.027)	0.088*** (0.025)
ln(diamond prod/pop)					-0.039 (0.043)	-0.048 (0.041)
Colonizer fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Number obs.	52	52	42	52	52	42
R ²	.51	.60	.63	.71	.77	.80

Notes. OLS estimates of (1) are reported. The dependent variable is the natural log of real per capita GDP in 2000, ln y. The slave export variable ln(exports/area) is the natural log of the total number of slaves exported from each country between 1400 and 1900 in the four slave trades normalized by land area. The colonizer fixed effects are indicator variables for the identity of the colonizer at the time of independence. Coefficients are reported with standard errors in brackets. ***, **, and * indicate significance at the 1%, 5%, and 10% levels.

Instrumental variable regressions:

TABLE IV
ESTIMATES OF THE RELATIONSHIP BETWEEN SLAVE EXPORTS AND INCOME

	(1)	(2)	(3)	(4)
Second Stage. Dependent variable is log income in 2000, $\ln y$				
$\ln(\text{exports/area})$	-0.208*** (0.053) [-0.51, -0.14]	-0.201*** (0.047) [-0.42, -0.13]	-0.286* (0.153) [-∞, +∞]	-0.248*** (0.071) [-0.62, -0.12]
Colonizer fixed effects	No	Yes	Yes	Yes
Geography controls	No	No	Yes	Yes
Restricted sample	No	No	No	Yes
<i>F</i> -stat	15.4	4.32	1.73	2.17
Number of obs.	52	52	52	42
First Stage. Dependent variable is slave exports, $\ln(\text{exports/area})$				
Atlantic distance	-1.31*** (0.357)	-1.74*** (0.425)	-1.32* (0.761)	-1.69** (0.680)
Indian distance	-1.10*** (0.380)	-1.43*** (0.531)	-1.08 (0.697)	-1.57* (0.801)
Saharan distance	-2.43*** (0.823)	-3.00*** (1.05)	-1.14 (1.59)	-4.08** (1.55)
Red Sea distance	-0.002 (0.710)	-0.152 (0.813)	-1.22 (1.82)	2.13 (2.40)
<i>F</i> -stat	4.55	2.38	1.82	4.01
Colonizer fixed effects	No	Yes	Yes	Yes
Geography controls	No	No	Yes	Yes
Restricted sample	No	No	No	Yes
Hausman test (<i>p</i> -value)	.02	.01	.02	.04
Sargan test (<i>p</i> -value)	.18	.30	.65	.51

Notes. IV estimates of (1) are reported. Slave exports $\ln(\text{exports/area})$ is the natural log of the total number of slaves exported from each country between 1400 and 1900 in the four slave trades normalized by land area. The colonizer fixed effects are indicator variables for the identity of the colonizer at the time of independence. Coefficients are reported, with standard errors in brackets. For the endogenous variable $\ln(\text{exports/area})$, I also report 95% confidence regions based on Moreira's (2003) conditional likelihood ratio (CLR) approach. These are reported in square brackets. The *p*-value of the Hausman test is for the Wu–Hausman chi-squared test. ***, **, and * indicate significance at the 1%, 5%, and 10% levels. The “restricted sample” excludes island and North African countries. The “geography controls” are distance from equator, longitude, lowest monthly rainfall, avg max humidity, avg min temperature, and $\ln(\text{coastline/area})$.

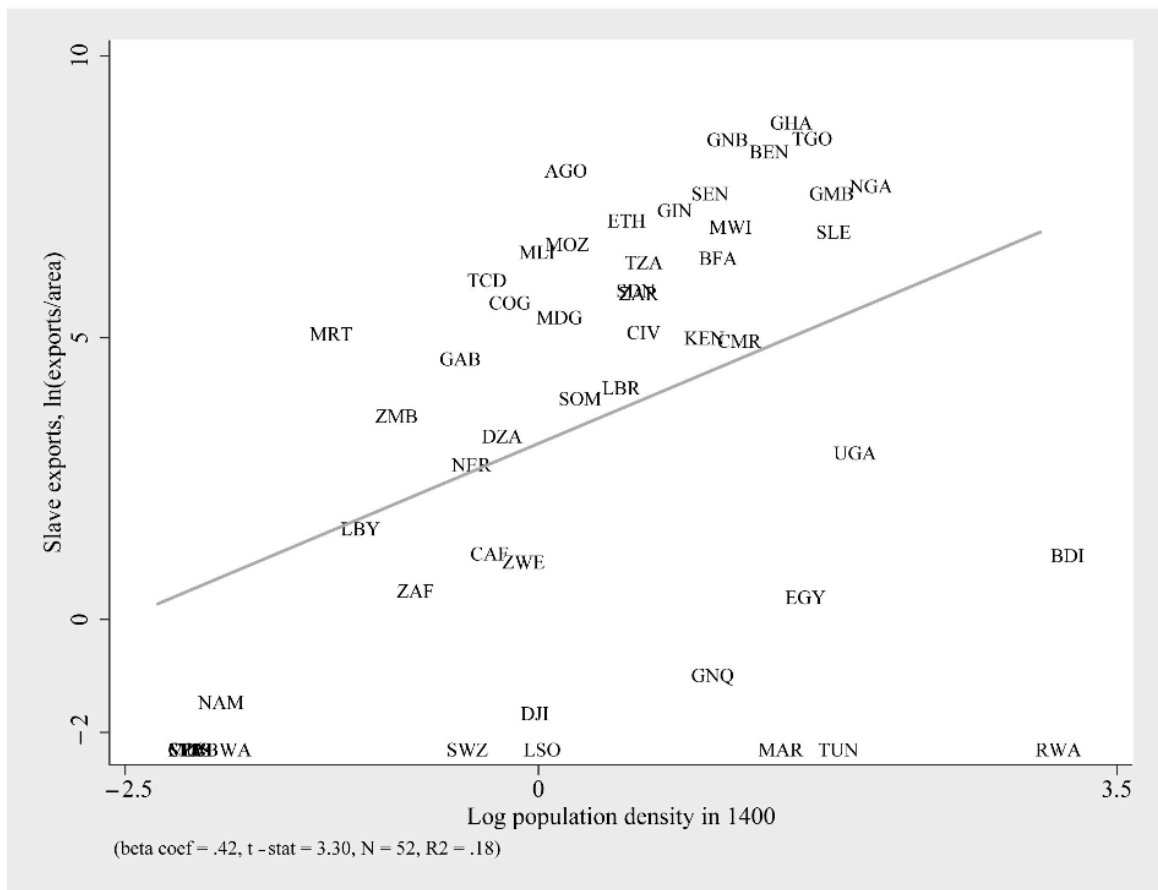


FIGURE IV
Relationship between Initial Population Density and Slave Exports

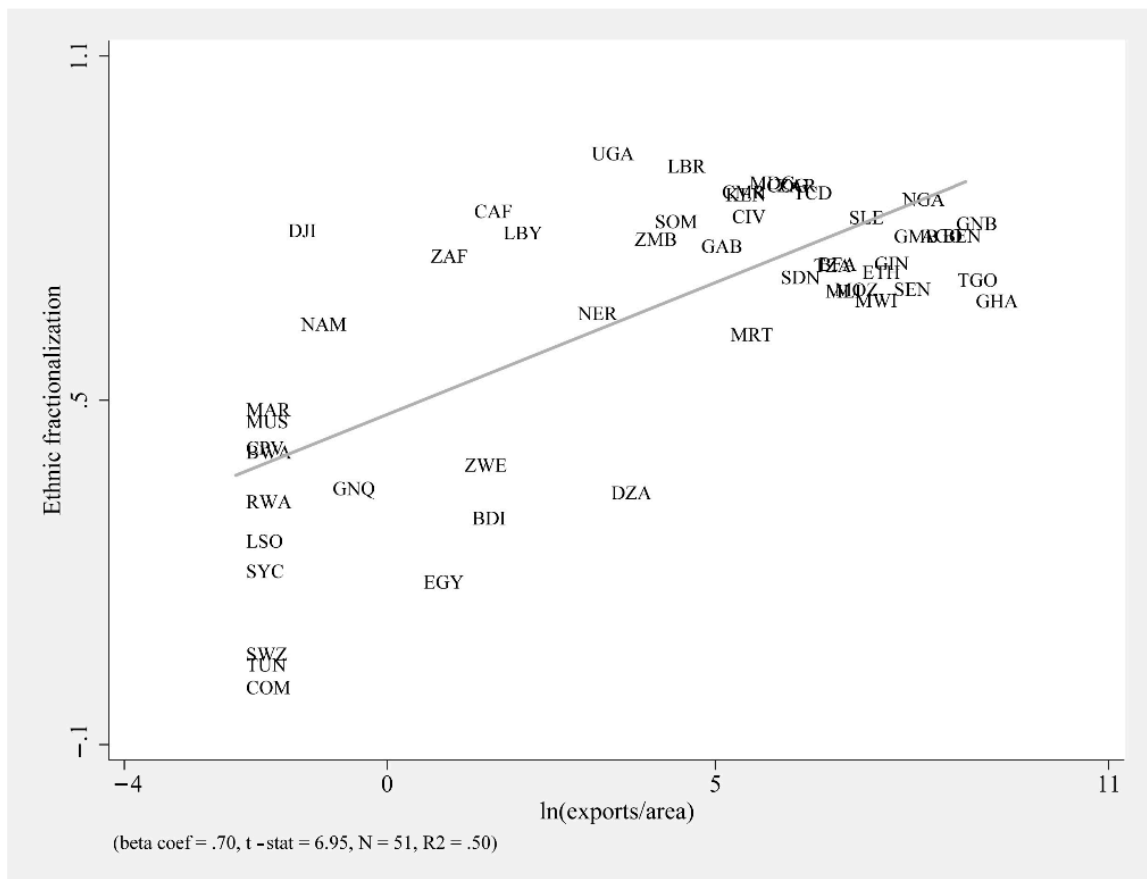


FIGURE VI
Relationship between Slave Exports and Current Ethnic Fractionalization

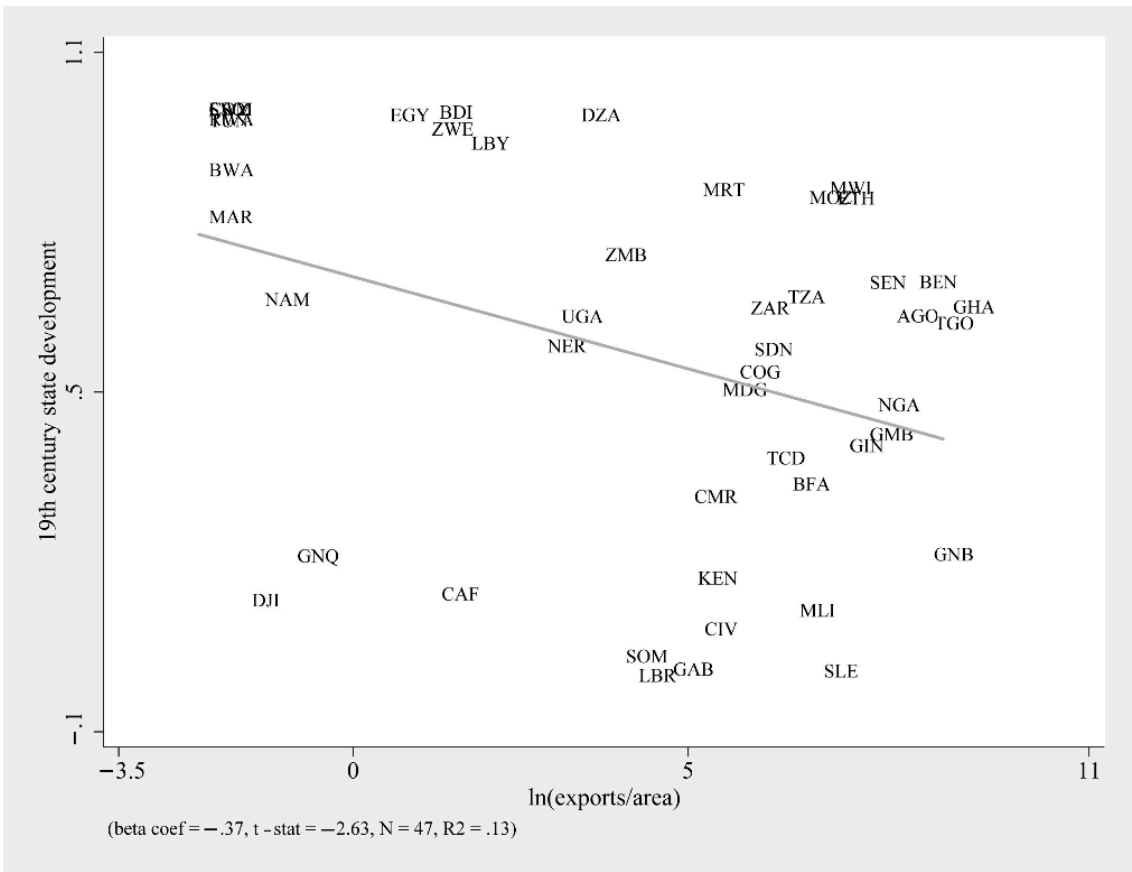


FIGURE VII
Relationship between Slave Exports and Nineteenth-Century State Development