**Replication programs and data files**

**Pre-colonial Ethnic Institutions and Contemporary African Development**

***Econometrica* 2012**

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**Preliminaries**

* Please run the program (.ado) file **cgmreg.ado** that allows the estimation of multi-clustered standard errors using the methodology of Cameron, Gelbach, and Miller (2011). In all specifications (both at the ethnic-country level and at the pixel-level) we cluster standard errors at the country-level and at the ethno-linguistic family level. Please cite:
  + “Robust inference with Multi-Way Clustering,” *Journal of Business and Economic Statistics*, April 2011, 29 (2): 238-249.
  + The .ado file is available also from Doug Miller’s web-site at UC Davis. (<http://www.econ.ucdavis.edu/faculty/dlmiller/statafiles/>)
* Please also install the STATA “**estout”** command; by typing “**ssc install estout, replace**”
* Please see the on-line supplementary appendix for detailed variable definitions and data sources.
* The on-line supplementary appendix gives additional results and sensitivity checks.
* Variables named *v1-v114* come from George Peter Murdock’s Ethnographic Atlas. A revised version of the atlas is constructed by J. Patric Gray (*World Cultures* 1998). a complete variable codebook is available here: <http://eclectic.ss.uci.edu/~drwhite/worldcul/Codebook4EthnoAtlas.pdf>

**Tables (Main and Supplementary Appendix)**

* Please use data (.dta) file “**ethnicity-country-data-final”** and the program (.do) file “**country\_ethnicity\_level\_specifications\_final”** for the following tables: Table 1, Table 2, Table 3, Appendix Table 2 – Panel A, Appendix Table 3, Appendix Table 4 – Panel A, and Appendix Figures 1a-1c
* Please use data (.dta) file “**ethnicity-country-data-final”** and program (.do) file “**robust\_table4\_final” for** Table 4.
* Please use data (.dta) file “**pixel-level-baseline-final”** and program (.do) file “**pixel\_level\_baseline\_final” for** Table 1, Table 5 (Panel A and Panel B), Appendix Table 2 – Panel B, Appendix Table 4 – Panel B, and Appendix Table 6.
* Please use data (.dta) file “**ethnic-country-pairs\_pixels-final”** and program (.do) file “**adjacent\_homelands\_pixels\_final” for** Table 6 and Table 7.
* Please use data (.dta) “**robust-ethnic-pairs-final”** and program (.do)file **“robust\_table8\_final”** for Table 8A, Table 8B, and Figures 5A and 5B.
* Please use data (.dta) “**afro\_appendix-final”** and program (.do)file **“afrobarometer\_appendix\_final”** Appendix Table 5**.**
  + The data are retrieved from Nunn, Nathan, and Leonard Watchekon. (2011). “The Slave Trade and the Origins of Mistrust in Africa,” *American Economic Review*, *101*(7): 3221—3252.

**Figures and Maps**

Figure 1a: For George Peter Murdock’s Ethno-linguistic Map please cite: Murdock, George Peter. (1959). *Africa: Its Peoples and Their Culture History*. McGraw-Hill Book Company, New York. You can download the shape file of the map from Nathan Nunn’s web-site. Please cite: Nunn, Nathan. (2008). “The Long Term Effects of Africa’s Slave Trades,” *Quarterly Journal of Economics*, *123*(1): 139—176.

Figure 1b: The 2000 Political Boundaries are derived from the Digital Chart of the World a proprietary source, so it cannot be freely provided. : Please cite.

Figures 2a-2d and Appendix Table 1:

* Please use data (.dta) files “**DHS\_ZWE2005-final”, “DHS\_TZA2007-final”, “DHS\_DRC2007-final”,** and **“DHS\_NGA2008-final”**.
* Please run the program (.do) file “**DHS\_final”** for each of the four countries (.dta files).

Appendix Figures 2a-2b: Please use data (.dta) file “**AppFig2\_data”** and program (.do) file “**AppFigure2”**.

Appendix Figures 3a-3b: Please use data (.dta) file “**AppFig3\_data”** and program (.do) file “**AppFigure3”**.