

## Climate and the Emergence of Global Income Differences

*Review of Economic Studies*

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### REPLICATION PACKAGE

The "DataForTheWeb" folder contains Stata datasets and do-files to replicate all tables and partial correlation graphs in the main text of the paper and its Supplementary Appendix.

The do-file "crosscountry (main + appendix).do" uses the accompanying dataset "crosscountry.dta", and replicates all the results relying on cross-country data (i.e. Tables 1, 2, 5, 6, 7, and Figure 4 in the main text of the paper; and Tables A2, A5, A7, A8, A9, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A20 in the Supplementary Appendix.)

The do-file "grid data (main + appendix).do" uses the accompanying datasets "griddata\_1x1.dta", "griddata\_2x2.dta", and "griddata\_4x4.dta", and replicates all the results relying on georeferenced gridded data (i.e. Tables 3, 4, 8 in the main text; and Tables A1, A3, A4, A6, and the six partial correlation graphs in the Supplementary Appendix.)

Details about data construction and data sources are provided in detail in Sections 1 and 2 of the Supplementary Appendix.

Before running the do-files, please make sure you have installed the publicly available user-defined Stata programs `ivreg2`, `ranktest`, `outreg2` and `fsum`. They can be installed by typing the following three command lines:

```
ssc install ivreg2, replace
ssc install ranktest, replace
ssc install outreg2, replace
ssc install fsum, replace
```

In addition, please make sure that you have installed Solomon Hsiang's program for adjusting standard errors for spatial correlation and serial correlation in panel data (`ols_spatial_HAC.ado`), available at <http://www.fight-entropy.com/2010/06/standard-error-adjustment-ols-for.html> and also in the replication package folder (for details, see Hsiang, Solomon M. (2010), "Temperatures and cyclones strongly associated with economic production in the Caribbean and Central America," *PNAS* 107(35): 15367-15372.)