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REPLICATION MATERIALS

*** THE ECONOMIC ORIGINS OF GOVERNMENT ***

by Allen, Bertazzini, and Heldring

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The code in this folder replicates the figures and tables in our paper 'The Economic Origins of Government' in STATA and R softwares.

STATEMENT ABOUT RIGHTS

We certify that the authors of this manuscript have legitimate access to and permission to use the data used in this manuscript

DATA AVAILABILITY

All data necessary to replicate the figures and tables in the main paper are included with this replication package. For two appendices, the 'data appendix' and the 'atlas of long-run development in Iraq', supplementary data is available. Please email Leander Heldring. The one exception is data on individual settlements (mapped in Figure 3 for example). This data belongs to Carrie Hritz. If a replicator is interested, please reach out. Our data appendix describes the provenance of all data sources used in detail (see Allen et al., 2023).

COMPUTATIONAL REQUIREMENTS

STATA and R softwares are required. We used STATA 15, and R 4.1.1. The following packages are required for each:

STATA: reghdfe, ftools, estout, spmat, did_multiplegt, space_reg (included with replication package)
R: forcats, ggplot2, ggrepel, ggspatial, maptools, raster, sp, sf

Total runtime: <2 hours on a Lenovo T14 laptop with an Intel(R) Core(TM) i7-10700 CPU, and 64GB of RAM.

INSTRUCTIONS TO REPLICATORS

Start with _start_here.do in a recent version of STATA. Set paths here.

_start_here.do runs a series of do files.

_prep_data_rep.do imports the raw GIS dataset, cleans the data and generates all variables for the analysis.

_generate_replication_materials.do takes the cleaned dataset(s)generated in _prep_data_rep.do and generates individual datasets needed to produce each table.

_replication_main.do runs the individual do files that generate and output individual tables as .tex files.

Figures 1, 2, 3, 4, 5, 6, RA1 are generated in R. Each relevant subfolder includes a _generate_figure.R file. Each file requires setting the appropriate path to the replication folder.

REFERENCES

Allen, Robert C., Mattia Bertazzini, and Leander Heldring. 2023. "Online Appendix for The Economic Origins of Government." American Economic Association [Publisher]. Available at https://www.aeaweb.org/articles?id=10.1257/aer.20201919 and www.leanderheldring.com