

README for the Reproducibility Package for:

Temperature Anomalies as an Obstacle to Women's Rights and Economic Empowerment?

Overview

This reproducibility package accompanies the paper “Temperature Anomalies as an Obstacle to Women's Rights and Economic Empowerment?” and is intended to facilitate full replication of the results. It includes all necessary data files, Stata do-files, and supplementary materials required to reproduce the analysis and figures presented in the study.

Data Availability

- I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.
- All data are publicly available.

Source	Dataset	Link	Year	Access
World Bank CCKP	a. ERA5: Average Mean Surface Air Temperature (°C) (1950-2023) b. ERA5: Aggregated accumulated precipitation (mm) (1950-2023) c. CRU TS: Average Mean Surface Air Temperature (°C) (1901-2023) d. CRU TS: Aggregated accumulated precipitation (mm) (1901-2023)	https://climateknowledgeportal.worldbank.org/	2025	Open
EM-DAT	EM-DAT Data (1970-2025)	https://public.emdat.be/	2025	Open, not redistributable
World Development Indicators (WDI)	World Development Indicators (WDI) (1960-2023)	https://datatopics.worldbank.org/world-development-indicators/wdi-archives.html	2025	Open
V-Dem	V-Dem Core v14 (1789-2023)	https://v-dem.net/data/dataset-archive/	2024	Open
Women, Business and the Law	WBL 1.0 historical data (1970-2023)	https://wbl.worldbank.org/en/wbl-data	2025	Open

Instructions for Replicators

The Replication Package folder includes all datasets referenced above in the “_data” folder, as well as the following Stata do-files located in the “_dofile” subfolder, which are needed to reproduce all the figures and tables presented in the paper.

The do files should be executed in the following sequence:

0.main.do

- Running this file will automatically run the ado file folder and install any necessary packages that are not already present. Additionally, **it will also run the following five do files.**

1.cleaning.do:

- Cleans and merges data.

2.construction.do:

- Constructs the main datasets.

3.tables.do:

- Produces Tables 1, 2, 3, 4, and 5.

4.figures.do:

- Produces Figures 2, 3, and 4.

5.Annex.do:

- Produces Annex 3, 4, 5, 6, 7, and 8.

Software Requirements

Stata