



# Reproducible Research Repository

## *2024 Update of Worldwide Governance Indicators*

*First Submission: FR\_WLD\_2024\_186*

*Maria Reyes Retana*

*reproducibility@worldbank.org*

*2024-08-26*

This review verifies the reproducibility of the exhibits included in the "2024 Update of Worldwide Governance Indicators".

### **Contents in this review:**

1. Main findings
2. List of exhibits and reproducibility status
3. Reproduction Environment

### *Main findings*

- The code was successfully executed on a new computer after:
  1. Changing the path in the main do file.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 10 minutes to run.
- We conducted our reproducibility analysis based on the outputs shared by the authors by mail on August 23.
- Every exhibit has been reproduced accurately.
- **Reproducibility Summary:**
  - **Data:** All data sources are publicly available and included in the reproducibility package.
  - **Code:** All code files (from cleaning to analysis) are included in the reproducibility package.
  - **Outputs:** All outputs are generated by code included in the reproducibility package.
  - **Reproducibility verification:** Reviewers had access to the same materials in the public reproducibility package. The reviewers did not verify if publicly available data matches the data in the reproducibility package.
  - **Dependencies environment:** The reproducibility package does not use external dependencies.

*List of exhibits and reproducibility status***Results in the Main Section of the Paper**

- **aggindstableau.xlsx** Reproduced.
- **individualindstableau.xlsx** Reproduced.
- **wgidataset.dt** Reproduced.
- **wgidataset.xlsx** Reproduced.
- **wgidataset\_with\_sourcedata.dta** Reproduced.
- **wgidataset\_with\_sourcedata.xlsx** Reproduced.
- **wgiparameterestimates.dta** Reproduced.
- **wgiparameterestimates.xlsx** Reproduced.
- **wgisourceweights.dta** Reproduced.
- **wgisourceweights.xlsx** Reproduced.

*Reproduction Environment*

- Paper exhibits were reproduced in a computer with the following specifications:
  - OS: Windows 10 Enterprise
  - Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz, 2900 Mhz, 16 Core(s), 16 Logical Processor(s)
  - Memory available: 87.7 GB
  - Software version: Stata version 18 MP