



## *Global inequality and economic growth: the three decades before Covid-19 and three decades after*

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This review verifies the reproducibility of the exhibits included in the paper “*Global inequality and economic growth: the three decades before Covid-19 and three decades after*”.

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

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### *Main findings*

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
  1. Changing the working directory
- The code takes 1 day to run without the appendix, and 3 days to run with appendix.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results. The stability verification was only done with the main paper.
- We conducted our reproducibility analysis based on the paper shared by the authors in the package.
- **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 reviewers created a new environment using the latest versions of dependencies available at the moment of the review.

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

- **Figure 1 Panel A** Reproduced.
- **Figure 1 Panel B** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Figure 6 Panel A** Reproduced.
- **Figure 6 Panel B** Reproduced.
- **Figure 6 Panel C** Reproduced.
- **Figure 6 Panel D** Reproduced.
- **Table 1** Reproduced. The values of population are provided as percentages in the manuscript whereas in the reproduced output it is in decimal points.

**Results in the Annex**

- **Table 1A** Reproduced.
- **Table 2A** Reproduced.
- **Table 3A** Reproduced. The values of population are provided as percentages in the manuscript whereas in the reproduced output it is in decimal points.
- **Table 4A** Reproduced. The values of population are provided as percentages in the manuscript whereas in the reproduced output it is in decimal points.

*Reproduction Environment*

Paper exhibits were reproduced on a computer with the following specifications:

- OS: Windows 10 Enterprise
- Processor: Intel(R) Xeon(R) Gold 6132 CPU @ 2.60GHz 2.60 GHz (2 processors)
- Memory available: 128 GB
- Software version: Stata 18.0 MP