Migration, families, and counterfactual families

PRWP Reproducibility Verification
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This review verifies the reproducibility of the exhibits included in the paper *"Migration, families, and counterfactual families"*.

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Main findings

- The code was successfully executed on a new computer after:

  1. Changing the path inn 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 5 minutes to run.

- Every exhibit was reproduced using the provided code.

Reproducibility assessment

- Paper exhibits were attempted to be reproduced in a computer with the following specifications:

  - OS: Windows 11 Enterprise
  - Processor: Intel(R) Core(TM) i5-1145G7 CPU @ 2.60GHz
  - Memory available: 15.7 GB
  - Software version: Stata version 17

- We conducted our reproducibility analysis based on the paper in the reproducibility package the authors sent. Our validation involved comparing the results generated by the code with the exhibits in the paper to assess their consistency.

- The reproducibility package runs from intermediate data. This data has been prepared by the authors who have combined datasets for the entire period and have specifically chosen the variables necessary for their analysis. This intermediate data is stored in the 'data' folder. Additionally, the 'README' file includes a detailed list of all the variables that have been utilized in the analysis.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Table 1** Reproduced.

- **Table 2** Reproduced.

- **Table 3** Reproduced.

- **Figure 1** Reproduced.

- **Figure 2** Reproduced.

- **Figure 3** Reproduced.

- **Figure 4** Reproduced.

  Results in the Annex

- **Figure A.1** Reproduced.

- **Figure A.2** Reproduced.

- **Table A.1** Reproduced.

- **Table A.2** Reproduced.

- **Table A.3** Reproduced.

- **Table A.4** Reproduced.

- **Table A.5** Reproduced.