



## *Climate Immobility Traps: A Household-Level Test*

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*PRWP Reproducibility Verification*

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*November 21, 2023*

This review verifies the reproducibility of the exhibits included in the paper “*Climate Immobility Traps: A Household-Level Test*”.

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

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### *Main findings*

- The code was successfully executed on three new computers after:
  1. Changing the file paths.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The Stata portion of the package takes 1 minute to run, while the R portion takes 6 minutes.
- Every exhibit has been reproduced accurately with the provided package.

### *Reproducibility assessment*

- Paper exhibits were attempted to be reproduced in three computers 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, R version 4.3.0
- We conducted our reproducibility analysis based on the paper included in the Manuscript folder. 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 stored in the DataSets folder. While the authors have provided specifications in their README file for constructing this dataset from raw sources, it does not include the code necessary to generate it.

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

- **Figure 1** Does not apply. Exhibit does not show analysis results.
- **Table 1** Does not apply. Exhibit does not show analysis results.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.

**Results in the Annex**

- **Table A1** Reproduced.
- **Table A2** Does not apply. Exhibit does not show analysis results.
- **Figure A1** Reproduced.
- **Figure A2** Reproduced.