Reproducible Research Repository

Rural Labor Supply and Recall Window Sensitivity

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This review verifies the reproducibility of the exhibits included in the paper *"Rural Labor Supply and Recall Window Sensitivity"*.

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 path in the main do file.
  2. Running the code.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on July 18th.
- **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. *data_hash_report.csv* lists the SHA256 hashes of all files in the data folder to support data integrity checks.
  - **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** Does not show analysis results.
- **Figure 2 - Panel A** Reproduced with manual edits. Data for Quarterly Recall is verified using the data from `tables_seasonality_paper.xlsx`, sheet `table_quaterly1`, using the values under *Mean Quarterly Recall*. Data for Annual Recall is computed as *Mean Quarterly Recall* $\times$ (1 + *Scaled Difference*). Values match exactly.
- **Figure 2 - Panel B** Reproduced with manual edits. Data for Quarterly Recall is verified using the data from `tables_seasonality_paper.xlsx`, sheet `table_quaterly2`, using the values under *Mean Quarterly Recall*. Data for Annual Recall is computed as *Mean Quarterly Recall* $\times$ (1 + *Scaled Difference*). Values match exactly.
- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3a** Reproduced.
- **Table 3b** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Table 6** Reproduced.

Results in the Annex

- **Table S1.1** Reproduced.
- **Table S1.2** Reproduced.
- **Table S1.3** Reproduced.
- **Table S1.4** Reproduced.
- **Table S1.5** Reproduced.
- **Table S1.6** Reproduced.

Reproduction Environment

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

- OS: Mac OS Sequoia 15.5
- Processor: Apple M4 Pro
- Memory available: 24 GB
- Software version: Stata 18.0