



# Reproducible Research Repository

## *Rural Labor and Long Recall Loss Reproducibility Verification Report*

*Avnish Dayal Singh, María Reyes Retana  
reproducibility@worldbank.org  
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This review verifies the reproducibility of the exhibits included in the paper “*Rural Labor and Long Recall Loss*”.

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

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### *Main findings*

- The code was successfully executed on a new computer without any modifications to the original code. Only the root global was modified in Line 4 of the script *master.do*
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code three times consecutively yielded identical results.
- All exhibits showcased in the paper reproduced as detailed in the following sections.

### *Reproducibility assessment*

We examined the paper titled “*Rural Labor and Long Recall Loss*” in PDF format (as shared in the replication package), and compared the code outputs with the paper’s exhibits to validate their reproducibility. Paper exhibits were reproduced in one computer with the following specifications:

- **OS: Windows 10 Enterprise, version 21H2**
- **Processor: 11th Gen Intel(R) Core(TM) i5-1145G7 @ 2.60GHz 1.50 GHz**
- **Memory available: 15.7 GB**
- **Software version: Stata 17.0**

We can confirm that the paper is **reproducible** as per the PDF version shared in the replication package.

### *List of exhibits and reproducibility status*

#### **Results in the Main Section of the Paper**

- **Figure 1** Does not apply: the exhibit does not show analysis results.
- **Figure 2** Reproduced after manual steps. The figure was reproduced using manual steps from the file "tables\_seasonality\_paper.xlsx." Data from sheets "table\_quarterly 1" to "table\_quarterly 4" was used, calculating the mean of short recall and then adding it with the long recall loss to produce the graphs.
- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.

#### **Results in the Appendix**

- **Appendix Figure 1** Reproduced after manual steps. The figure was reproduced using manual steps from the file "tables\_seasonality\_paper.xlsx." Data from sheets "table\_quarterly 1b" to "table\_quarterly 4c" was used, calculating the mean of short recall and then adding it with the long recall loss to produce the graphs.
- **Appendix Table 1** Reproduced.
- **Appendix Table 2** Reproduced.
- **Appendix Table 3** Reproduced.
- **Appendix Table 4** Reproduced.
- **Appendix Table 5** Reproduced.