



Anticipation, Disappointment and Adaptation: Evidence from a Home Upgrading Project

Ankriti Singh

PRWP Reproducibility Verification

reproducibility@worldbank.org

October 12, 2023

This review verifies the reproducibility of the exhibits included in the paper “*Anticipation, Disappointment and Adaptation: Evidence from a Home Upgrading Project*”.

Contents in this review:

1. Main findings
2. Reproducibility assessment
3. List of exhibits and reproducibility status

Main findings

1. The code was executed on a new computer, adhering to the directions provided in the README file. The only adjustments made were altering the global directory to the appropriate path, installing the package `outreg2` and version 6.4 of the package `ietoolkit`, and setting the use of abbreviated variable names in the do-file `_delay_MASTERFILE.do`
2. The output generated by the code was consistent across three successive runs
3. The paper exhibits were reproducible.

Reproducibility assessment

We used the paper shared by the authors via email and compared the code results against the paper exhibits to verify they are reproducible.

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

- OS: Windows 10 Enterprise, version 21H2
- Processor: Intel(R) Xeon(R) CPU E7-4890 v2 @ 2.80GHz 2.80 GHz
- Memory available: 5.9 GB
- Software version: Stata 17

The code ran after making the changes mentioned below. The paper was reproducible with the code and data provided.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Does not apply. README stated that it is a theoretical model representation and has been produced on Excel
- **Table 1** Reproduced: The exhibit was compared against `main_out_panel_time_rest.xls`.
- **Table 2** Reproduced: The exhibit was compared against outputs in Stata console from `_code_n1.do`.
- **Table 3** Reproduced: The exhibit was compared against outputs in Stata console from `_code_n1.do`.
- **Figure A1** Does not apply. README stated that it is composed in QGIS.
- **Figure A2** Does not apply. README stated that it is a timeline of activities that was produced on Excel.
- **Figure A3** Reproduced
- **Table A1** Does not apply. README stated that it is table of variable definitions.
- **Table A2** Reproduced: The exhibit was compared against columns in `general_ortho_new_A_B.xlsx`.
- **Table A3** Reproduced: Columns 1,2, and 5 were compared against columns in `OChecks_DT_1_2_A_B.xlsx`. Column 7 was compared against column F of `OChecks_DT_7_A_B.xlsx` and the values matched. Column 3, 4 and 6 were compared against columns in `OChecks_DT_3_4_A_B.xlsx`.
- **Table A4** Reproduced. Columns 1,2, and 5 were compared against columns in `OChecks_DS_1_2_A_B_v2.xlsx`. Column 3, 4 and 6 were compared against columns in `OChecks_DS_3_4_A_B_v2.xlsx`. Column 7 was compares against column F of `OChecks_DS_7_A_B.xlsx`.
- **Table A5** Reproduced: The exhibit was compared against `main_out_panel_time_rest_untar.xls`.
- **Table A6** Reproduced. The exhibit was compared against `main_out_panel_time_rest_nocon.xls`. There was a tiny discrepancy in the values mentioned below. The coefficient in the paper is reported as 0.000 and in the Stata output it was -0.000
 - Column 2: Coef. for Household received home improvements from PROSOLI and Floor recently upgraded / repaired (1=Yes)
 - Column 3 Coef. for Household received home improvements from PROSOLI and Floor recently upgraded / repaired (1=Yes)
- **Table A7** Reproduced. The exhibit was compared against `main_out_panel_time_rest_balanced.xls`.

- **Table A8** Reproduced. The exhibit was compared against outputs in Stata console from `_code_nl.do`.
- **Table A9** Reproduced. Columns 1, 2, and 5 were compared against columns in `children_ortho_child.xlsx`. Columns 3, 4, and 6 were compared against columns in `children_ortho_nochild.xlsx`. Column 7 was compared against column F in `children_ortho_7.xlsx`.
- **Table A10** Reproduced. The exhibit was compared against outputs in Stata console from `_code_nl_child.do`.
- **Table A11** Reproduced. The exhibit was compared against outputs in Stata console from `_code_nl_child.do`.