



Temptation, Self-Control, and the Design of Optimal Unemployment Insurance

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This review verifies the reproducibility of the exhibits included in the paper “*Temptation, Self-Control, and the Design of Optimal Unemployment Insurance*”.

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Main findings

- **Every exhibit in the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Running the code main.m
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 10 minutes to run.
- We conducted our reproducibility analysis based on the published paper here
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 type of data: open.
 - Open data is included in the public reproducibility package.
- **Reproducibility Summary:**
 - **Data:** The package does not rely on external data, as the scripts generate the necessary data through simulations.
 - **Code:** All code files are temporarily embargoed by the authors (expected to be made public in this repository in the future).
 - **Outputs:** All outputs are generated by code included in the reproducibility package.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Figure 6** Reproduced.
- **Figure 7** Reproduced.
- **Figure 8** Reproduced.
- **Figure 9** Reproduced.
- **Figure 10** Reproduced.

Reproduction Environment

Paper exhibits were reproduced on 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: MatLab 2024b