



Using Post-Double Selection Lasso in Field Experiments

Third Submission: PP_WLD_2026_544

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This review verifies the reproducibility of the exhibits included in the paper “Using Post-Double Selection Lasso in Field Experiments”.

Contents in this review:

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Main findings

- **Every exhibit of the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the working directory in line 28 of the do-file "o. Set globals.do".
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 days to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on one type of data: open
 - Open data is included in the public reproducibility package.
 - Reviewers used the data provided directly by the authors to conduct the reproducibility verification.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the open data independently can use this file to verify that the data has not been altered.
- **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.
 - **Dependencies environment:** The reviewers reproduced an existing environment for dependencies using dependency files or an environment metadata file provided by the authors.

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

- **Table 1** Does not apply.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.

Results in the Annex

- **Table A1** Reproduced.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: INTEL(R) XEON(R) PLATINUM 8562Y+ 2.80 GHz (2 processors)
- Memory available: 32.0 GB
- Software version: Stata 18.5 MP