

Readme file for replication package of the simulations in "Informal Risk Sharing with Local Information" by Ambrus, Gao, and Milán

Overview

The code in this replication package constructs the simulation results in the paper, using R and Mathematica. Three main files run all of the code to generate the simulations for the three tables in the paper: Table 1 in the main text and the two tables in Appendix B.12.2.

The replicator should expect the code to run in nanoseconds time.

Data Availability Statement

This paper does not involve analysis of external data (i.e., no data are used or the only data are generated by the authors via simulation in their code). The code generating all Figures and Tables is in this repository.

Software Requirements

- Mathematica 12.0
- R (Version 3.6)
 - Required packages: stargazer, plm, reshape2

Controlled Randomness

random seed is set at line 29 of program "simulation_table1.R"

random seed is set at lines 25 and 58 of program "Code_AppB_12_2a"

Description of programs/code

Program called "simulation_table1.R" generates a tex code that typesets into Table 1 of the paper (up to some reformatting that we did manually to make the table look nicer).

The program "Code_AppB_12_2a.nb" generates the first table in Appendix B.12.2 and the program "Code_AppB_12_2b.nb" generates the second table.