Replication Code Package for

Digital Payments and Consumption: Evidence from the 2016 Demonetization in India

Sumit Agarwal, Pulak Ghosh, Jing Li, and Tianyue Ruan

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Overview

The main data sets used in the paper were obtained from multiple sources (including a supermarket chain, a mobile payment service provider, and an online grocery store in India). As we use confidential proprietary data, we cannot make the data public. As per the RFS's Code Sharing Policy, we provide the code and pseudo data sets in this replication code package.

Software and Data Format

The statistical analyses are performed using Stata. Other than the official Stata commands, we also use several user-written packages, downloaded from SSC or the authors' GitHub repositories, for our analyses. The detailed info on versions of Stata & user-written packages that we use are reported in the versions.txt file in the logs folder.

The structure of the package is:

- The "pseudo-data" folder contains Stata data files (".dta" files). As we use confidential proprietary data, we cannot make the data public. Therefore, we exclude the actual data from the public code and data package. We provide pseudo data sets in this "pseudo-data" folder that mimic the structure of actual cleaned data used in our analyses. Potentially sensitive information is independently masked in each data set. The pseudo data sets are provided solely for the purpose of illustrating data structure to facilitate understanding of our code. **Executing the code using these pseudo data sets will NOT reproduce the results found in the original paper.** The data and variable descriptions are included in the data and variable labels of the Stata datasets.
- The "code" folder contains the code. The ".do" files are Stata code files.
- The "logs" folder contains the detailed version history in the versions.txt file. This folder is also where the log files containing table content will be saved if you follow the structure of our code. Note that executing the code using the pseudo data sets will not produce the tables found in the original paper.

Stata codes are run in the following steps:

1. Open the master_program.do in Stata

2. In the first line after the header comment, customize the working directory $dir.

3. This file calls other files to perform the various statistical analyses in the paper. The individual files called by the master_program.do file indicate the corresponding result(s) in the paper in their header comments.