

Read me file

In this read.me file I outline the contents of each directory for the repository for the paper:

LIPMAN, S. A. (2020). One size fits all? Designing financial incentives tailored to individual economic preferences. *Behavioural Public Policy*, 1-15.

DOI: <https://doi.org/10.1017/bpp.2020.21>

Data

This subdirectory contains the following files and directories:

- 1) Experiment data: A directory with the raw data files, listed as they were obtained from participants completing the software. These are a set of separate .csv files, where each file is named for example subject1.csv, where this is the data for the subject who received anonymous identifier 1.
- 2) Survey data: A directory with the raw data obtained with paper-and-pencil questionnaires and entered into Excel by hand.
- 3) Maindata.csv: A compiled .csv file which stores all the data in a single document for use in subsequent re-analysis of the data (for information on how the raw data was compiled into this document, see the Analysis directory)
- 4) Codebook.pdf - A codebook which outlines the variables in the MainData.csv file, i.e. it explains for each column what data is found there and how it is measured.

Manuscript files

The manuscript files directory contains the pdf (open access) for the published paper, as well as the Online Supplementary file.

Results

This directory contains the main results of the paper, as can be found in Tables throughout the manuscript. Note that there is a slight discrepancy in Table 3 that I incorrectly addressed during peer review. This has a small effect on the means and standard deviations. It is a result of an error that occurred when merging the data files, where one respondent (due to having a double ID) was counted twice. I've deleted the second counted instance, which only affects the results in Table 3. The names of the files refer to the tables they are part of. All results are generated through the analysis script, so can be reproduced.

Software

The Experimental software directory for this study contains a total of 6 files, which are needed to run the experimental software used for collecting the data in this project. All files are .R files, i.e. files that should be opened and can be edited from within RStudio. The software runs in Shiny, which comes with a base installation of RStudio.

Note: This software is not commented on extensively, and no warranty is provided. Questions can be directed to Lipman@eshpm.eur.nl

Files in directory:

Setup.R: This contains just a few lines of code, which should be ran in order to install the prerequisite packages for running the experiment.

MainFile.R. Main file for the experiment which defines the main experimental structure and contains all the instructions. To run the experiment, open this file from within the directory and run the Shiny

app (green play button in the right corner of RStudio). The main file is automatically directed to open the other 4 files at specific times in the experiment

ModuleFile.R This contains a lot of the ‘machinery’ of the app, i.e. it contains the scripts that run a simple lottery bisection. Seeing as this is used many times, it is called as a module.

NPMethodOrd1.R. & NPMethodOrd2.R. The non-parametric method developed by Abdellaoui et al. (2016) is used to measure loss aversion, utility curvature and probability weighting and is ran in one of two orders. These files contain all the instructions, module calls, and UI calls for this part of the task as well as information on data logging

Done.R. This file is opened to let respondents know that data collection is finished.