# Readme

Data and scripts are final as of February 22, 2023.

**Organization**

All of the software instruments for conducting the experiment are included in the "Experiment Scripts" folder

"Analysis Scripts" and "Data" are self explanatory.

Within these folders, the sub-folder labeled "dots" contain material related to experiments 1.1-1.4 while while the sub-folder labeled "equations" contain material related to experiments 2.1-2.4.

In script titling "." is replaced with "point" to avoid file issues.

**Data**

It is recommended that data is loaded using the data loading portion of analysis scripts or the provided data loading scripts in order to ensure that the correct data files are loaded and to convert the data into more self-explanatory and useable form.

Data is generally stored in xls and csv formats with data from the appendicized "letters" experiment stored as .dta.

**Analysis Scripts**

The analysis files are organized by table or figure. The in text analysis related to each table or figure is bundled in the same script as the analysis for the figure itself. Analysis unrelated to a table or figure is included in its own script in te appropriate experiment sub-folder.

Note analysis which requires data from multiple experiments is in the "multi" sub-folder. This includes MLE tests which fit parameters to data from multiple experiments simultaneously.

In each script the first part clears the cache and loads the relevant packages if needed.

The next part loads the data. Note that the file paths will need to be changed based on your file system, although the file names should be correct if they are not changed.

The data loading portion often includes preliminary transformations and cleaning of the data, including changing variable names to be self explanatory.

Most scripts are in R but there are several STATA scripts which can be distinguished by its different file type.

Note that the analysis scripts will not always reproduce the exact figure for the paper because often the data resulting form the scripts was used to make the final figures in Excel.

**Experimental Instruments**

The "equations" scripts are built in zTree. To access different decision problems for a given experiment, change the commenting and parameters in the "parameters" .do.