

README

Note: all of these files, except for subjxs.csv, are used by the masterDo.do file for the analysis. Subjxs.csv contains the data series viewed by each subject. The first row of subjxs.csv is a subject identifier, and all following rows are the data series. The first of these components is the value from day -99999, the second is the value from day -99998, and so forth.

The data files needed for producing the results from the experiment have been included here. These files are all used by the masterDo.do Stata file in outputting results for the paper and appendix. These input files are as follows:

- Feedback.xls is the file containing subject response to when they felt accustomed to the task. Note that it was unfortunately not coded to require a numeric response, so not all responses are numeric (these were filled in, see the masterDo.do file for details).
- HS10.xls and HS50.xls are the files containing subject forecasting data for the fast (HS10) and slow (HS50) processes. The information in these files are:
 - Process: process identifier (6 = fast; 5 = slow)
 - Subject: subject identifier
 - Round: round they are in (0-59)
 - Tau: how many periods ahead are forecasting (1,5,10,20,35,50)
 - CurrentValue: current value of the series
 - Forecast: subject forecast
 - ActualValue: realized series value
 - M1-M9 (or M1-M49): rational forecasts from the lower order models
 - TrueModel: rational forecast from the true model
- HS10_estimates.csv and HS50_estimates.csv are the lower order model estimates and the true coefficients. These were generated by estimating the models from a series of 100,000 data points for each of the two processes; they can be recreated in the same way (roughly, as each realization will not yield exactly the same estimates).
- processCoefficients.csv contains the true process coefficients (technically speaking, the true process coefficients at times have trailing digits (as there is a multiplication by 2/3 in generating the slow process coefficients – see the interface code for details)).
- samplePlots is the data series (the 100,000 past observations) for the two randomly chosen subjects (note: the first numeric entry for each is the subject identifier, not a series value; it is ignored in the program that generates the subject series plots). I made this separate data file so that it wouldn't have to load the entire 75mb subjxs.csv file every time.