Basics in Stata

Tutorial for Undergraduate Students

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Exercise III

Put the dataset from *exercise 2* in the folder `exercise_3/DTA`. You will perform analyses, generate graphics and regression tables based on this dataset. Together we will interpret the output.

Step-by-Step

1. Load the dataset.
2. Generate line graphs for the average punishment over the 10 periods for the 2 sessions. The 2 lines for both sessions have to be depicted in the same graph. The graph should include errorbars showing standard errors. (*Hint:* Install and use the module `lgraph`. Don't worry, before installing Stata checks whether a module is already installed or not. If the module exists already it will notify you.)
3. Label the graph appropriately using the Do-file and store it. (*Hint:* Value labels)

   (*General hint for graphs:* If you work with MS Office, best export format is `*.wmf`. If you use LaTeX best export formats are `*.eps` and `*.pdf`.)
4. Create bar-graphs of the mean contributions in period 1 and 10 for session 1 and 2. Export the graph.
5. Perform a linear regression to estimate the effect of `gender, age, risk, bf[1-5]` on the individual contribution. Cluster the standard errors.
6. Store the results for later output using `outreg2`. (You might have to install the module.)
7. What type of dataset do you have? (cross-section, time-series, panel)
8. Indicate to Stata the appropriate data structure and adapt your regression accordingly. Also store the results using `outreg2`.
9. Risk attitude and gender are usually highly correlated. (Men are more risk loving.) Drop `gender` from your regression and run it again and store the results.
10. Take a look at the results and interpret them. Do things change?
11. There are issues with this approach given that dataset. Let's talk about them.