Problem set 13: week 17

This problem set is to be completed prior to your Stata class. The data set used ... is available on the EC203 website, please copy it on to a memory stick or your H: drive. I will highlight the main commands, use either: **help**, **findit** or the **search** function for guidance on each.

1. Open a do file in Stata. All the commands we use in this problem set will be copied into here. This is so you can recall what we have done, and the analysis can be repeated. It will also be useful for you to annotate the do file as you go along.

2. Load studentscores.dta into Stata. The data contains a random sample of secondary school students in the US. In particular, it includes end of year math score ($score\_endyr$) and start of year math test score ($score\_startyr$). If students scored 215 and below in the start of year test ($treat = 1$) they had to attend the study classes. Those who score above 215 didn't attend extra tuition classes ($treat = 0$). The data also contains other characteristics of the students.

3. Research question: What is the causal impact of attending study classes on final math test score? Attempt to estimate the causal impact of the study classes on end of year test score. Explain all of your steps.

4. Annotate and close your do file.