

## Unit 6 – STATA for Graphs Homework

**Due: Wednesday October 28, 2020**

**Last Submission Date for Credit: Wednesday November 4, 2020 (-10 points)**

Dear class,

This assignment, like the homework for Unit 5 (Stata for Data Description), asks you to work with [descriptive\\_gss.dta](#). Download this dataset from the course website.

**he course website:**  
**descriptive\_gss.dta**

### Preliminaries

- (1) Launch Stata
- (2) Begin a log of your session, taking care to use the extension .log
- (3) In the command window, type: **set more off**
- (4) From the top tool bar, click FILE > OPEN to load whichever data set you are using
- (5) *For Users of Older Versions of Stata ONLY*: Download the package of commands catplot by typing the following into the command window: **. ssc install catplot**

- \_\_\_ 1. Produce a “no frills” basic histogram summary of the distribution of **hrs1**.
- \_\_\_ 2. Produce a 2<sup>nd</sup> histogram summary of the distribution of **hrs1**, this time with an overlay normal plus any aesthetics that you choose.
- \_\_\_ 3. Produce a boxplot summary of **wwwhr** separately by **sex** with option **by**. Include a title. Notice that you will get two titles.
- \_\_\_ 4. Produce a boxplot summary of **wwwhr** separately by **sex** with option **over**. Include a title. Now notice that you get just one title.
- \_\_\_ 5. Use **histogram, discrete** to produce a bar chart summary of **satjob7** separately by **sex**
- \_\_\_ 6. Use **catplot, recast(bar)** to produce a bar chart summary of **satjob7** separately by **sex**