

## Unit 5 – STATA for Data Description Homework

**Due: Wednesday October 14, 2020**

**Last Submission Date for Credit (-10 points): Wednesday October 21, 2020**

***Before you Begin – Download data from 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, FILE > OPEN to input **descriptive\_gss.dta**.

\_\_\_ 1. Produce descriptive statistics for continuous variables.

- \_\_\_ (a) At the command line, type **help tabstat**. Scroll down to review the choices for descriptive statistics that can be obtained.
- \_\_\_ (b) Obtain detailed descriptive statistics for the continuous variable **hrs1**.
- \_\_\_ (c) Use the command **tabstat**, together with the appropriate options, to produce a tabular display of some descriptive statistics for each of the variables **hrs1**, **age**, and **wwwhr**.
- \_\_\_ (d) See again the example of the use of **tabstat** on page 21 of your unit 5 notes.
- \_\_\_ (e) Using the command **tabstat**, together with the appropriate options, produce descriptive statistics for the variable **hr1**, separately for strata defined by **polviews**

\_\_\_ 2. Produce descriptive statistics for discrete variables.

- \_\_\_ (a) Obtain oneway frequencies and relative frequencies for the variables **marital**, **sex**, and **satjob7**
- \_\_\_ (b) Obtain a two way cross tabulation, with row percentages, of **sex** and **polviews**.

\_\_\_ 3. This exercise gives you practice editing your session to eliminate errors and then saving.

- \_\_\_ (a) Before exiting Stata, close your log.
- \_\_\_ (b) Launch Word. Open your stata log. Fix all your errors and delete all the error messages.
- \_\_\_ (c) Use FILE > SAVE to save your cleaned work to a new file that you name using the convention **lastname\_unit5.docx**
- \_\_\_ (d) By any means you like, create a pdf that you name using the convention **lastname\_unit5.pdf**