

## Unit 5 – STATA for Data Description Homework

**Due: Wednesday October 28, 2020**

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

***Before you Begin – Download data from course website***

**descriptive\_gss.Rdata**

### Preliminaries.

- \_\_\_ (a) Launch R Studio
- \_\_\_ (b) Using the R Studio utility and drop down menus or, alternatively, the `install.packages()` command in the console window, make sure that you have done (one time) installations of the following packages (I know you already have some of them):
  - Hmisc
  - Rmisc
  - psych
  - stargazer
  - summarytools
  - tidyverse
  - FSA
  - gmodels
- \_\_\_ (c) Start a new R Markdown. Immediately name it and save it. TIP – In your work that follows do each exercise in its own chunk.

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

\_\_\_ (a) Produce detailed descriptive statistics for the continuous variable **hrs1**.

\_\_\_ (b) In one table, produce descriptive statistics for the continuous variables **hrs1**, **age**, and **wwwhr**.

\_\_\_ (c) Produce descriptive statistics for the variable **hr1**, separately for groups 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**.

**All done?**

\_\_\_ (a) Save your error-free R Markdown

\_\_\_ (b) Knit to WORD

\_\_\_ (c) In MS Word, make whatever edits you like

\_\_\_ (d) In MS Word, print to a PDF

\_\_\_ (e) Submit your completed homework as a PDF to Blackboard Learn