

Homework #4  
RPAD 316  
Professor Stephen Holt

**Instructions: You will be doing problems using Stata. When asked for graphs, save the graph as a .png file and paste the image into the appropriate section of the word document. Paste your code that produced the graph below the graph. For other statistics, for this assignment, create a clean table using the esttab command and copy the table into the word document in the appropriate location. After all tables, include the code used to produce the table. NOTE: this is entirely extra credit. Each item is worth 1 total point with 6 points total available.**

Dataset 1 contains data from the Cooperative Congressional Election Study, a nationally representative survey of voting age adults. The survey is fielded before and after elections every year and includes the same voters in both time periods. Included in dataset 1 is the registration status, age, gender, ideology, and news interest of respondents for the years 2006, 2010, and 2014.

1. How does age and news interest differ by registration status?
  - a. Create a two-way table below that shows age and news interest in the row variables and registration status in the column variable.
  - b. Use this table to answer the question.
2. Are registered voters more likely to be in the extreme ends of ideology (i.e., “very liberal” or “very conservative”) than non-registered voters?
  - a. Create a two-way table with registration status as the column variables and ideology as the row variable.
  - b. Use this table to answer the question.
3. Are women more interested in the news than men?
  - a. Create a two-way table with news interest as row variable and gender as the column variable.
  - b. Use this table to answer the question.