

Lab Assignment #1  
Graphics and Descriptive Statistics  
due: beginning of lab next week

1.
  - a. Choose **one** of the *like* or *know* variables and make...
    - i. a boxplot
    - ii. a histogram
  - b. For **each** of the *like* and *know* variables, find the...
    - i. mean
    - ii. median
    - iii. mode
    - iv. minimum
    - v. maximum
    - vi. inter-quartile range (midspread)
    - vii. standard deviation(hint: make a table)
  - c. FOR YOUR SECTION ONLY, for **each** of the *like* and *know* variables, find the...
    - i. mean
    - ii. median
    - iii. mode
    - iv. minimum
    - v. maximum
    - vi. inter-quartile range (midspread)
    - vii. standard deviation\*

\*bad news... calculate the last two (*likestats* and *likespss*) by hand and show your work
  - d. Briefly discuss the results. What does this tell you about how much students surveyed know and like these subjects? Does your lab section differ in any way from the combined student answers? Why (or why not) do you think this would be?
2.
  - a. What is your favorite measure of “central tendency”?
  - b. Why is it your favorite?
  - c. What is one disadvantage of this statistic?