

Descriptive Statistics in R

Homework 3

SOC 201 - Research Methods

April 11, 2017

Directions

All the data for this assignment can be downloaded from the class website.

- 1) List the values of the lower quartile, second quartile, upper quartile, and interquartile range for the variable **speed** in the dataset **cars**. Plot a histogram of the distribution of this variable.
- 2) List the minimum, maximum, and range of the variable **dist** in the dataset **cars**. Plot a histogram of the distribution of this variable.
- 3) List the arithmetic mean, median, variance, and standard deviation for the variable **Sepal.Length** in the dataset **iris**. Plot a histogram of the distribution of this variable. Extra Credit: List the mode (+5 points)

What you need to to turn in:

- 1) A printout listing the values for each of the variables above.
- 2) A histogram plot for each of the variables above.
- 3) A printout of your script file where all your code is written.