

## SOC 4930/5050: Weekly Prep 11 - Scatterplots

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### Directions

Complete all of the following questions. A replication video will be posted on YouTube. A well-formatted R Notebook source (the .Rmd file) and html output should be uploaded to your GitHub assignment repository by 4:15pm on Monday, November 6<sup>th</sup>, 2017.

### Scatterplot Basics

The following questions are adapted from the content in [Section 3.6](#) of *R for Data Science*. They use the mpg data from the ggplot2 package.

1. Re-create the first and second plots under Section 3.6 of *R for Data Science*. How are they different?
2. Combine them into a single plot where the data and aesthetics are set in the individual geoms.
3. Combine the same two plots into a single plot where the data and aesthetics are set in the initial ggplot() call. How does this plot differ from the one created in the previous question?