# Lab 2

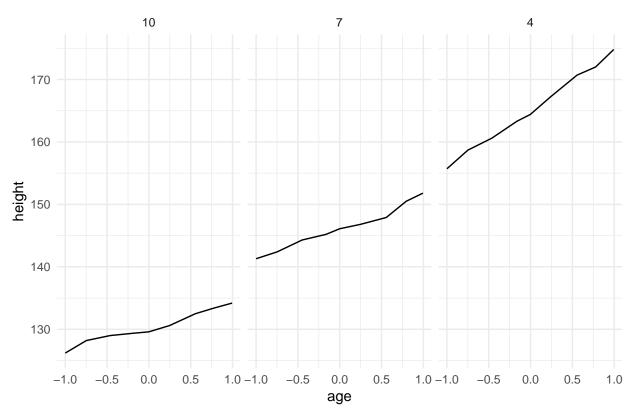
## Key

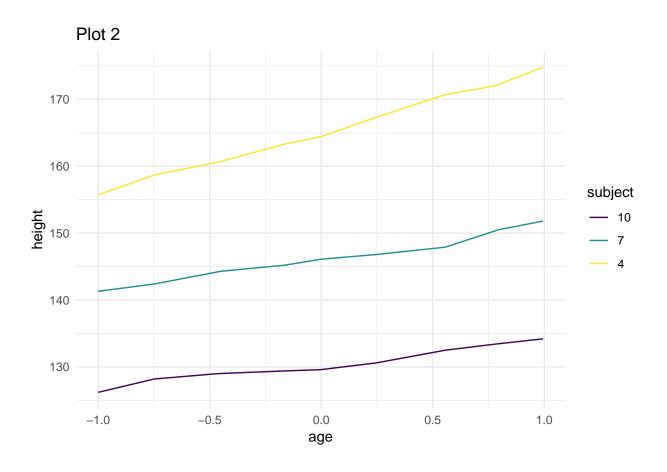
## September 26, 2018

- 1. Run the following code to
- (a) install the {nlme} and {janitor} packages
- (b) load the packages along with the tidyverse, and
- (c) access and quickly prep some data (from the {nmle} package) for plotting.

1. Reproduce the following plots, using the data. You can use whatever theme you want, but all else should be the same.

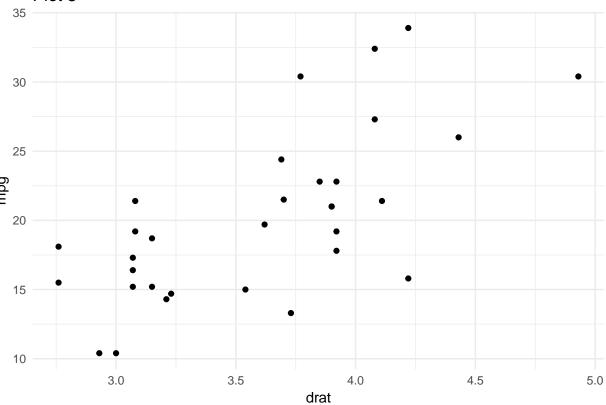
### Plot 1

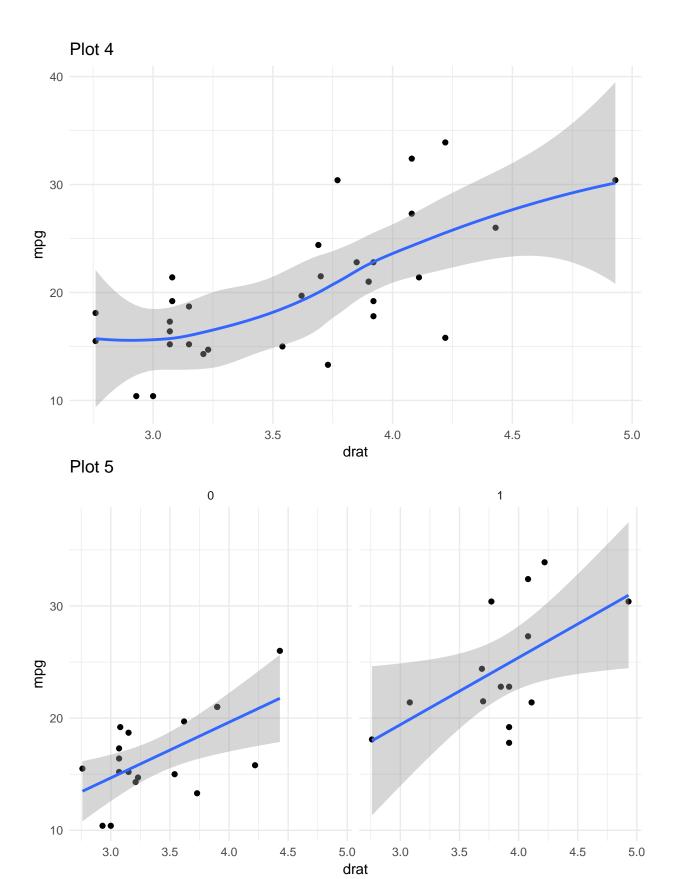


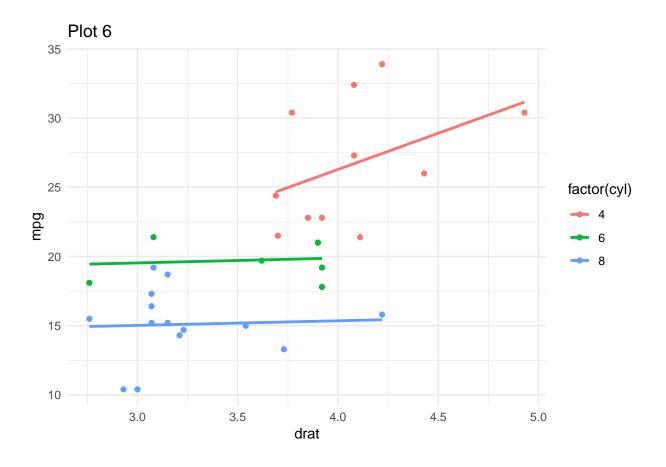


2. Use the mtcars dataset from base R to replicate the following plots. (just type mtcars into the console to see the dataset).

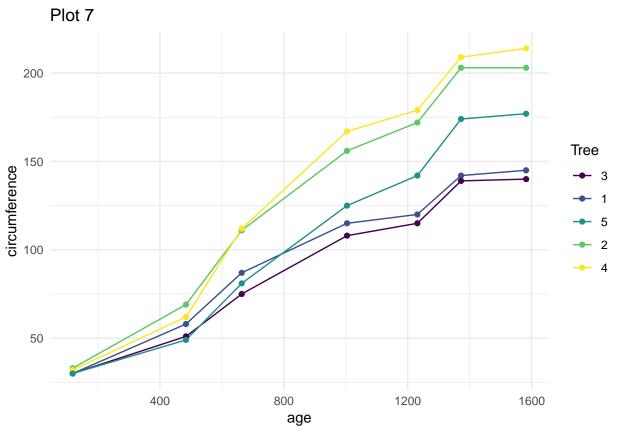








3. Use the *Orange* dataset, also part of base R, to replicate the following plots.



# Orange Tree Growth

Gray line displays a linear model fit to the data.

