Assignment for Wednesday, March 1

Before class, do the following:

1. Complete Computing Assignment 6.
2. Read ch. 9 of FPP and complete the assigned exercises. The exercises are posted at the top of the course webpage.
3. Continue to work on Writing Assignment 1. At this point, you should have chosen an observation. The observation you choose isn't super-important. Just make one. You should also have a causal claim. You should have a model that elaborates and defends the causal claim. Don't worry about jamming your model into a set of facts that you know about the world. Certainly don't go searching for facts. Just write a sensible, creative model that defends your causal claim. Whether your model produces correct implications (i.e., agrees with facts) is irrelevant.
4. To continue to build your inutition about the correspondence between scatterplots and correlation coefficients, run the following code and experiment with different values of r (the correlation coefficient) and n (the number of observations). The code produces very different scatterplots which all have the same correlation.

```
source("http://janhove.github.io/RCode/plot_r.R")
plot_r(r = 0.5, n = 50)
```