**Week 5, Day 1**

**Multiple Linear Regression –**

Body measurements: NHANES-body.csv

* Discussion:
  + Which did you think was best – bivariate linear or bivariate linear with interaction?
  + Law of Parsimony
  + Is there another model that you think would be better?
* The polynomial regression model:
  + Complete second-order regression model: 🡪 Are all these terms necessary/useful?
* NHANES Part III (using indicator variables)

For Thursday:

* Read Sections 4.1-4.3
* NHANES Part III due
* Homework #3 due