**Assignment #4**

Statistical Learning Videos

-Chapter 4: Introduction to Classification

-Chapter 4: Logistic Regression and Maximum Likelihood

-Chapter 4: Multivariate Logistic Regression and Confounding

Practice

-Chapter 4: Lab: Logistic Regression (p.154)

4.6.1 The Stock Market Data

4.6.2 Logistic Regression

Applied Problems **DUE Feb. 10** (submit as a group)

-Chapter 4

Prob. 10 pg. 171 (a,b,c & d only)

Prob. 11 pg. 171-72 (a,b,c & f only); for parts “a” & “c” you may want to use Excel

Prob. 13 pg. 173 **BONUS** (logistic model only; 2 bonus points)