

Math 6020-1, Spring 2015; Assignment 3

Due on Monday March 30, 2015

1. Finish reading Chapter 8. Read Chapter 9.
2. Solve Problems 8.10 [p. 473] and 8.12 [p. 474] of your text. [Table 1.5 is on page 39.]
3. Return to the Airpollution data of your first assignment. Remove the cities that you have deemed outliers [there is at least one]. Perform your regression analysis on the adjusted data. Produce scatterplots of sulphur dioxide concentrations against each of the principal components scores. Interpret your findings in detail.