

STAT:2010/4200, Statistical Methods and Computing
Instructor: Cowles
Spring 2020, Homework 5

Due: Mon. 03/02 at 5:00 p.m.

Please put your name at the top of your homework, and list the names of any classmates with whom you collaborated.

Please put all of your homework in a single document.

1. Textbook problems: 7.42, 7.43, 7.44. The data is on the course web page as “tanana.dat.” Use SAS.

For problem 7.43(a), just make a scatterplot of the data. (A time plot is basically a scatterplot of a variable versus time, with the points connected by lines, so you can get the same idea from a scatterplot.)

For problem 7.43(b), fit the regression model but you do not need to overlay the line on your scatterplot.

2. Textbook problems: 8.22, 8.28 (use Table B), 8.41
9.4, 9.8, 9.14, 9.19, 9.21, 9.22