

22S:30/105, Statistical Methods and Computing

Instructor: Cowles

Spring 2008, Homework 12

This homework does not need to be turned in. It will provide additional practice for the final exam.

The data on prey and predators is on the course web page in a dataset called “preypred.dat.” Use SAS to get the needed numeric results. Answer all parts of all questions.

1. Textbook problems 7.37, 24.27, 24.29
2. Why are the points in the scatterplot you produced for problem 7.37 arranged in vertical lines?
3. Use SAS to calculate the 90% confidence interval requested in problem 24.29. In addition, use SAS to obtain a 90% confidence interval for the mean proportion of perch that would be killed if 40 perch were available.