

22S:30/105, Statistical Methods and Computing  
Instructor: Cowles; Spring 2012, Homework 10

Due: Wed.. May 2 in class

Use SAS to get the needed numeric results. Answer all parts of all questions.

1. Textbook problems 25.36, 25.37, 25.41
2. Textbook problems 7.37, 24.27, 24.29

The data on prey and predators is on the course web page in a dataset called “preypred.dat.”

3. Why are the points in the scatterplot you produced for problem 7.37 arranged in vertical lines?
4. 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.