Statistics 315a
Homework 3, due Wednesday February 22, 2012.

1. ESL 7.3. Part (c) is somewhat open ended. Any reasonable suggestions will be acceptable.

2. ESL 18.8 and 18.9. (Exercise 18.7 was essentially solved in HW1, and is helpful for solving these problems). For your simulation, use $N < p$ to guarantee that your data are separable. There is an `svm` function in package `e1071`.

3. ESL 5.5. (Read Section 5.3 as well as 5.2.3).

4. ESL 5.7

5. ESL 5.16