Stat 371-003, Homework #6 **Due 22 Oct 2008**

Homeworks are due in Wednesday lecture and will be returned the following week in the discussion section.

At the top of your homework, write the number, day, and time of the discussion section in which you are enrolled. Also include the number, day, and time of the section that you will be attending (if it is different).

From the book:

1. 7.31 (pg 245)
2. 7.36 (pg 246)
3. 7.44 (pg 255)
4. 7.51 (pgs 264–265)
5. **Use R** to do 9.4 (pgs 356–357)

   The data are available at the following:

   `http://www.biostat.wisc.edu/%7Ekbroman/teaching/stat371/data_9-4.csv`

A few suggestions regarding R

You can read the data into R with the following (provided that you have an internet connection).

```
dat <- read.csv("http://www.biostat.wisc.edu/%7Ekbroman/teaching/stat371/data_9-4.csv")
```

You can pull out the responses under treatment and assign them to a vector `x` with the following.

```
x <- dat$treated
```

You can pull out the control responses assign them to a vector `y` with the following.

```
y <- dat$control
```

To get the differences (treatment – control), type the following.

```
x - y
```