Outline - Summarizing Bivariate Data I

1. more about quantiles and boxplots
2. one categorical and one quantitative variable
3. formulas in R. (side-by-side histograms, boxplots)
4. two categorical variables (tables)
5. Simpson’s paradox

Homework - due Monday, October 15

1. Read Section 2.3 of the text.
2. Do problems 2.14, 2.15, 2.16 of the text.

Useful R

```r
> boxplot(weight~feed,data=chickwts)
> bwplot(weight~feed,data=chickwts)
> histogram(~weight|feed,data=chickwts)
> dp=read.table('http://www.calvin.edu/~stob/data/deathPenalty.txt')
> xtabs(~Penalty+Defendant,data=dp)
```

Temporary Course Website

http://www.calvin.edu/~stob/M232/