

# CPS85 Lab

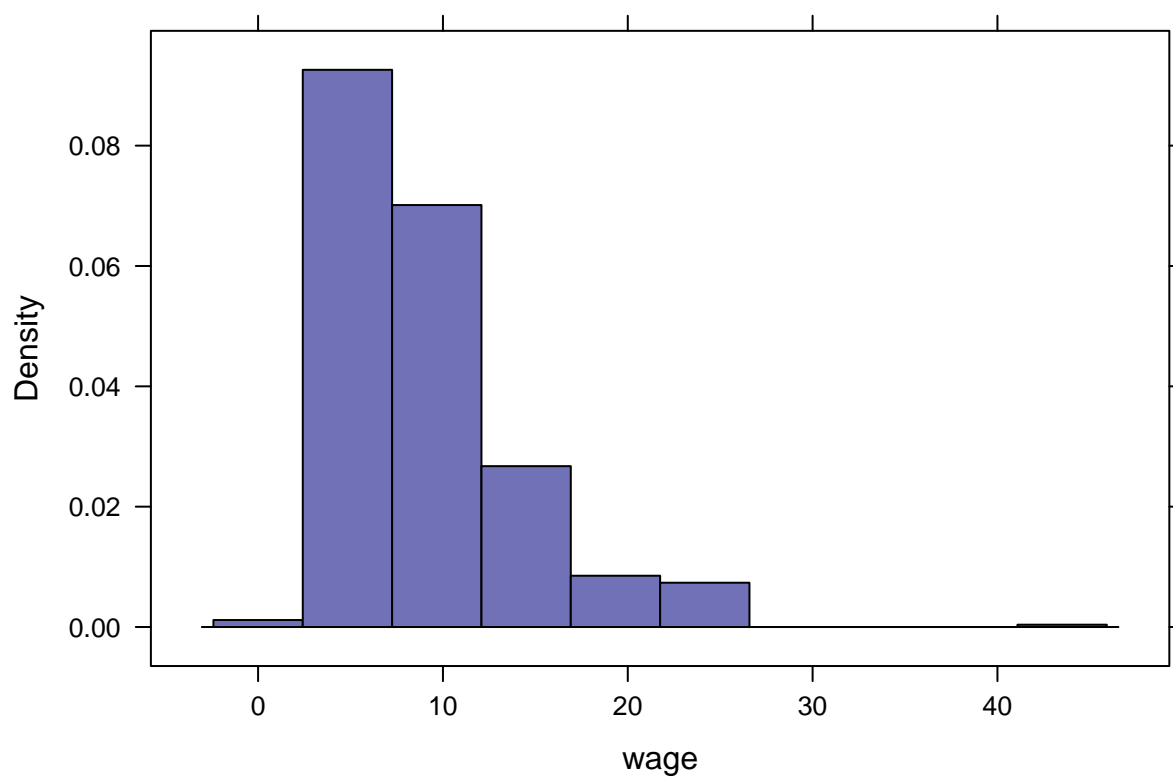
*Group 2*

*February 4, 2015*

## Instructions

### PLOT 1

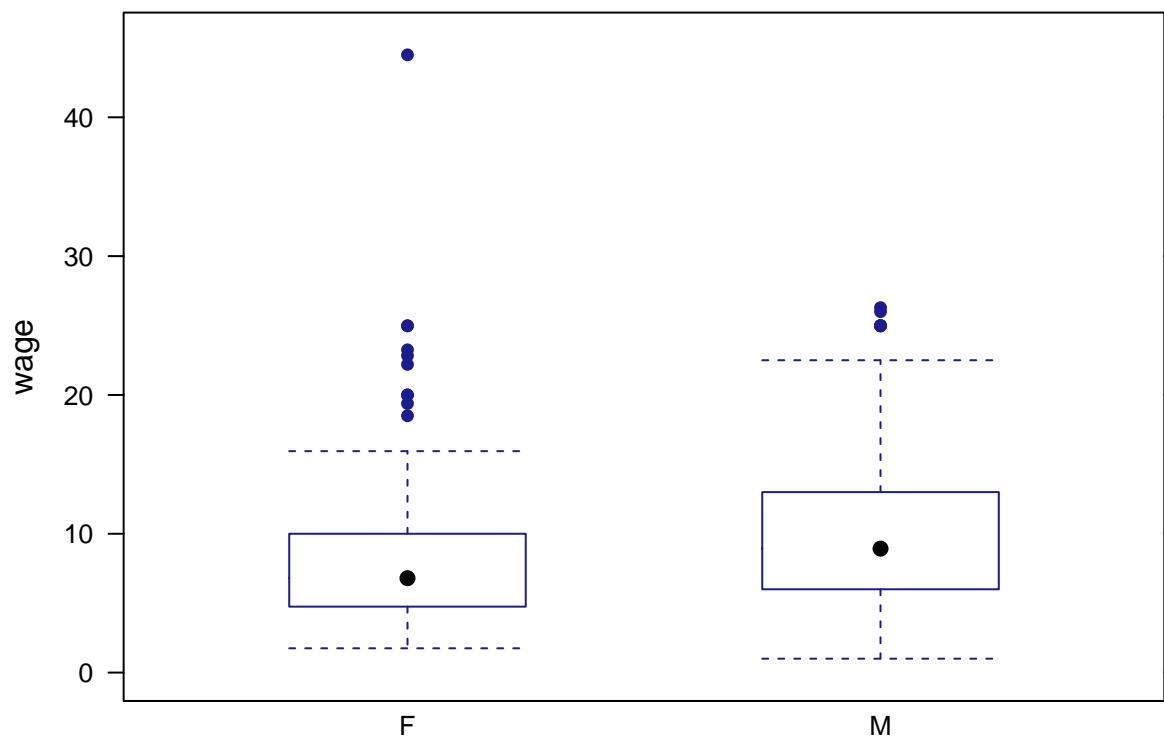
```
# put the code for your plot here  
histogram(~wage, data=CPS85)
```



This histogram demonstrates the distribution of wage. It is unimodal and skewed right. The median wage is 7.87 dollars per hour.

### PLOT 2

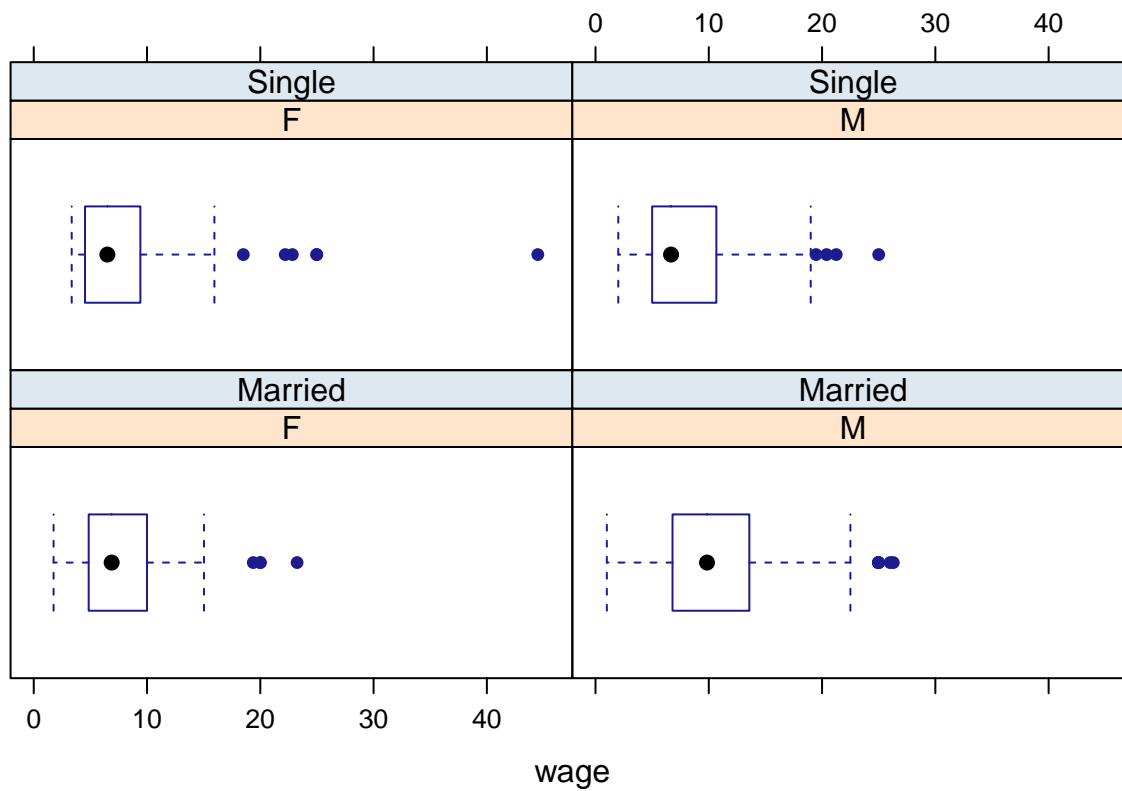
```
bwplot(wage~sex, data=CPS85)
```



This boxplot shows that women earn a lower and smaller distribution of wages than men. Overall the median wage for men is about 8.93 dollars while the median wage for women is 6.80; IQR for men is 7 and IQR for women is 5.25.

### PLOT 3

```
# put the code for your plot here
bwplot(~wage|sex+married, data=CPS85)
```



This boxplot demonstrates the relationship between wage, sex and marriage. For both sexes, the wage of married individuals is higher than the wage of single individuals. The median for both single and married men is higher than the wage for women.