CPS85 Lab

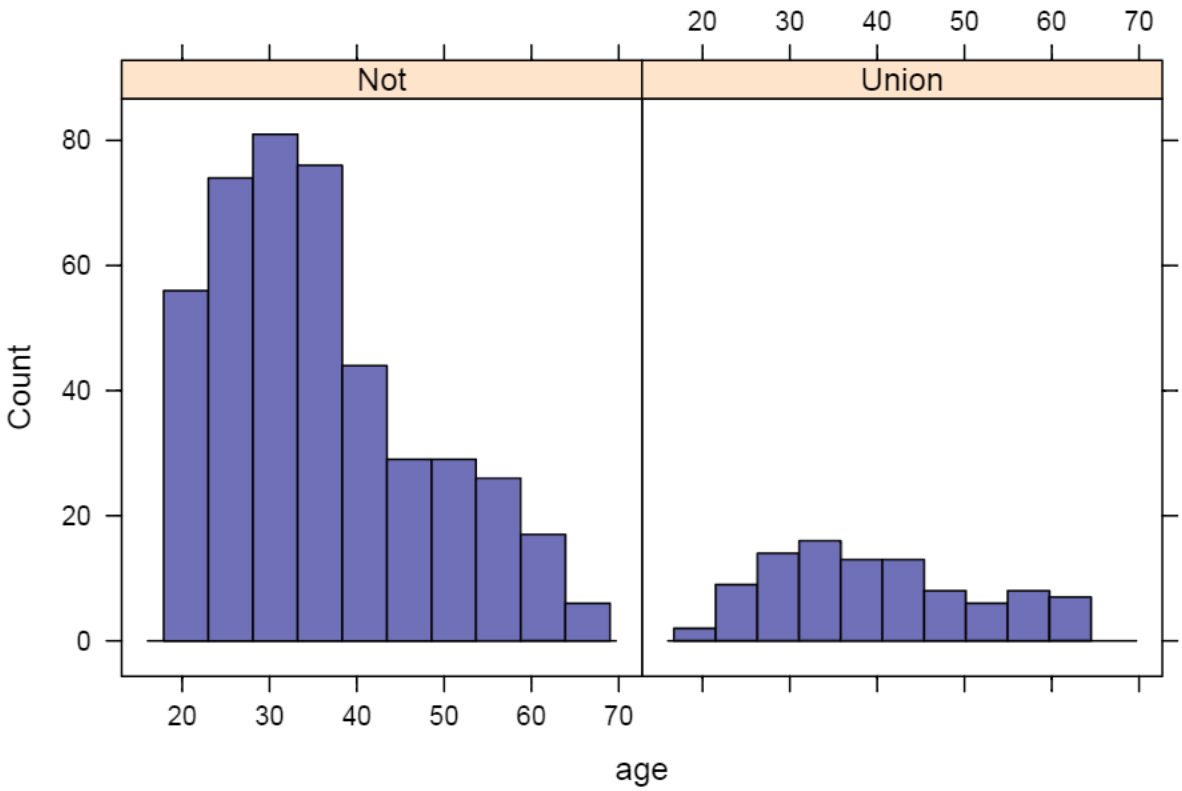
[redacted]

February 4, 2015

Instructions

PLOT 1

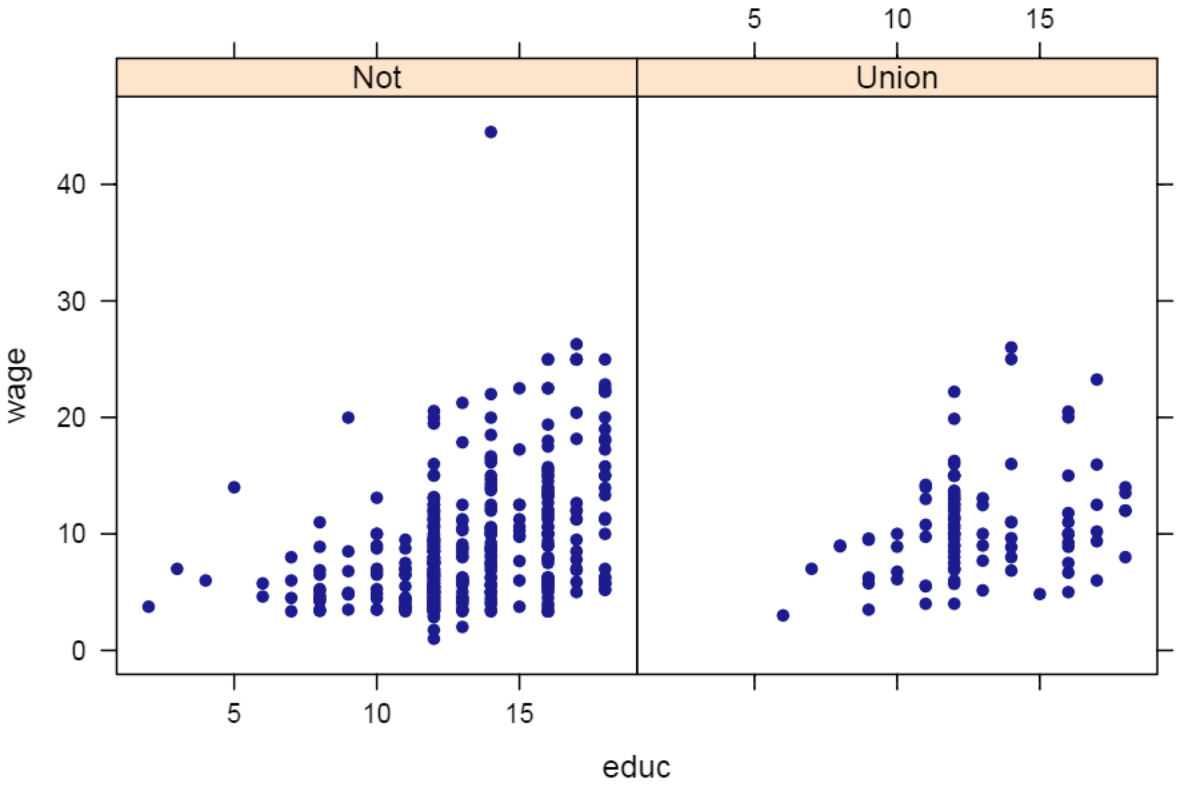
```
# put the code for your plot here
histogram(~age|union, data=CPS85, type='count')
```



Histgram of age of responders in Union vs not in Union. There are many more responders not in Union, and their ages are skewed towards the right - a trend for younger responders to not be in Union. The responders in Union are of an aproximately even number over the age groups.

PLOT 2

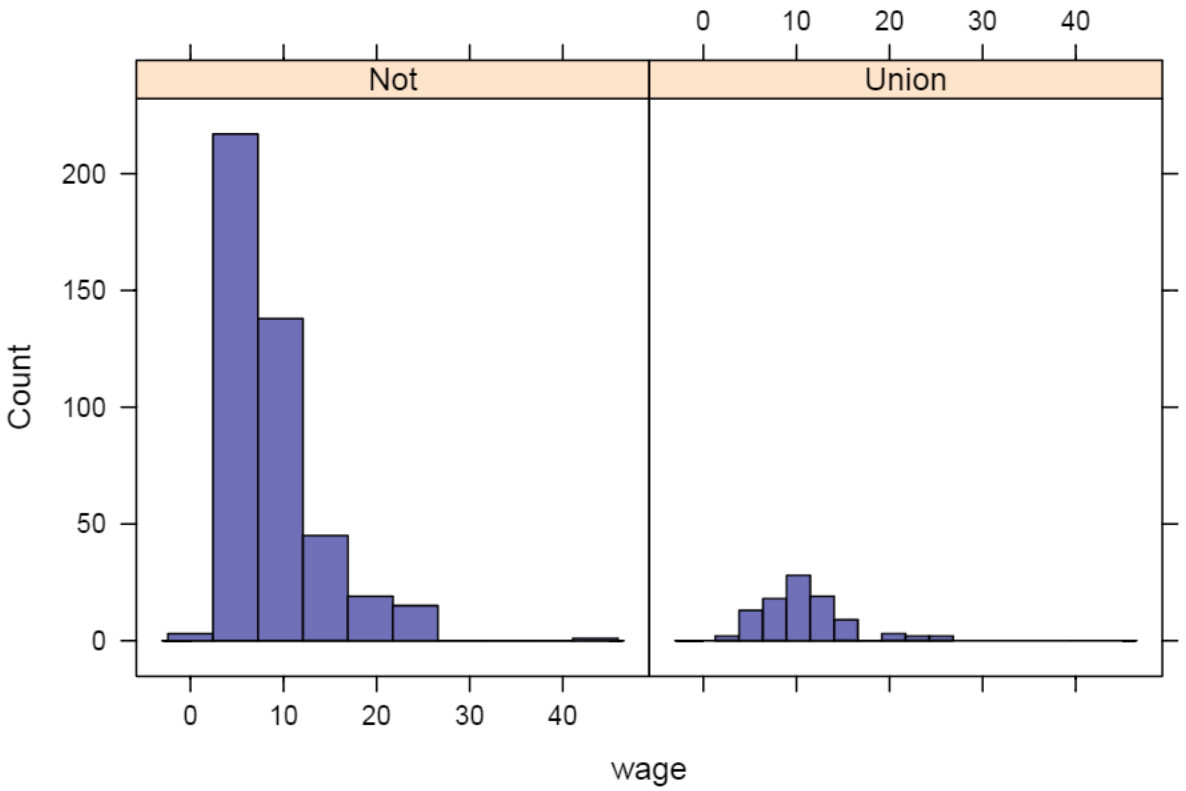
```
# put the code for your plot here
xyplot(wage~educ|union, data=CPS85)
```



Histgram of education level of responders in Union vs not in Union and their wages. The data appear to suggest that while finishing highschool is important for future wage, further education does not have much of a positive correlation with wage. Also, the responders in Union seem to have a lower maximum wage for their education level that those not in Union (save a few outliers).

PLOT 3

```
# put the code for your plot here
histogram(~wage | union, data=CPS85, type = 'count')
```



Histgram of wage of responders in Union vs not in Union. The data seem to suggest that responders in Union have a higher average wage than those not. The responders not in Union have their wage skewed heavily to the right - a lower average wage of aproximately \$6/hr, while the Union responders' wages are roughly symmetrical around \$10/hr.