## lecture 4.3 part 3

## preliminaries

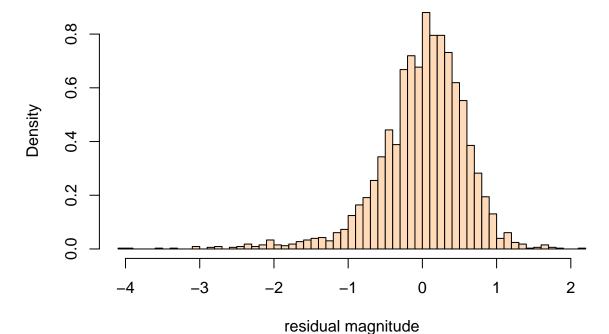
```
#clear workspace
rm(list=ls())

# load data
data = read.csv("~/Desktop/wages1.csv")

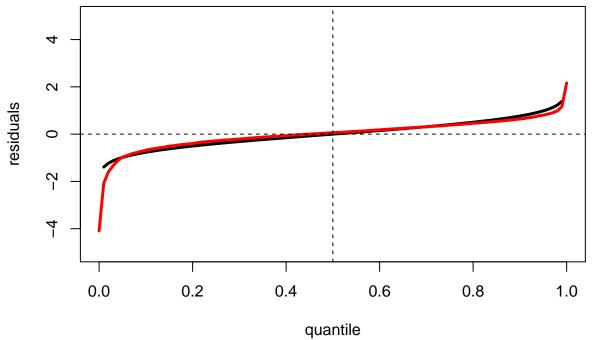
# build variables
wage = data$wage
school = data$school
exper = data$exper
```

## Fit linear model using lm() and look at residuals

NOTE: We will see in a later lecture why we can use regular OLS to estimate the beta-hats.



 $\#normality\ of\ residuals$ 



```
pch = 16,
    xlab = "years schooling", ylab = "residuals")
abline(lm(modelResid ~ schoolC), lwd = 2, col="red")
abline(v=0, lty=2)
```

