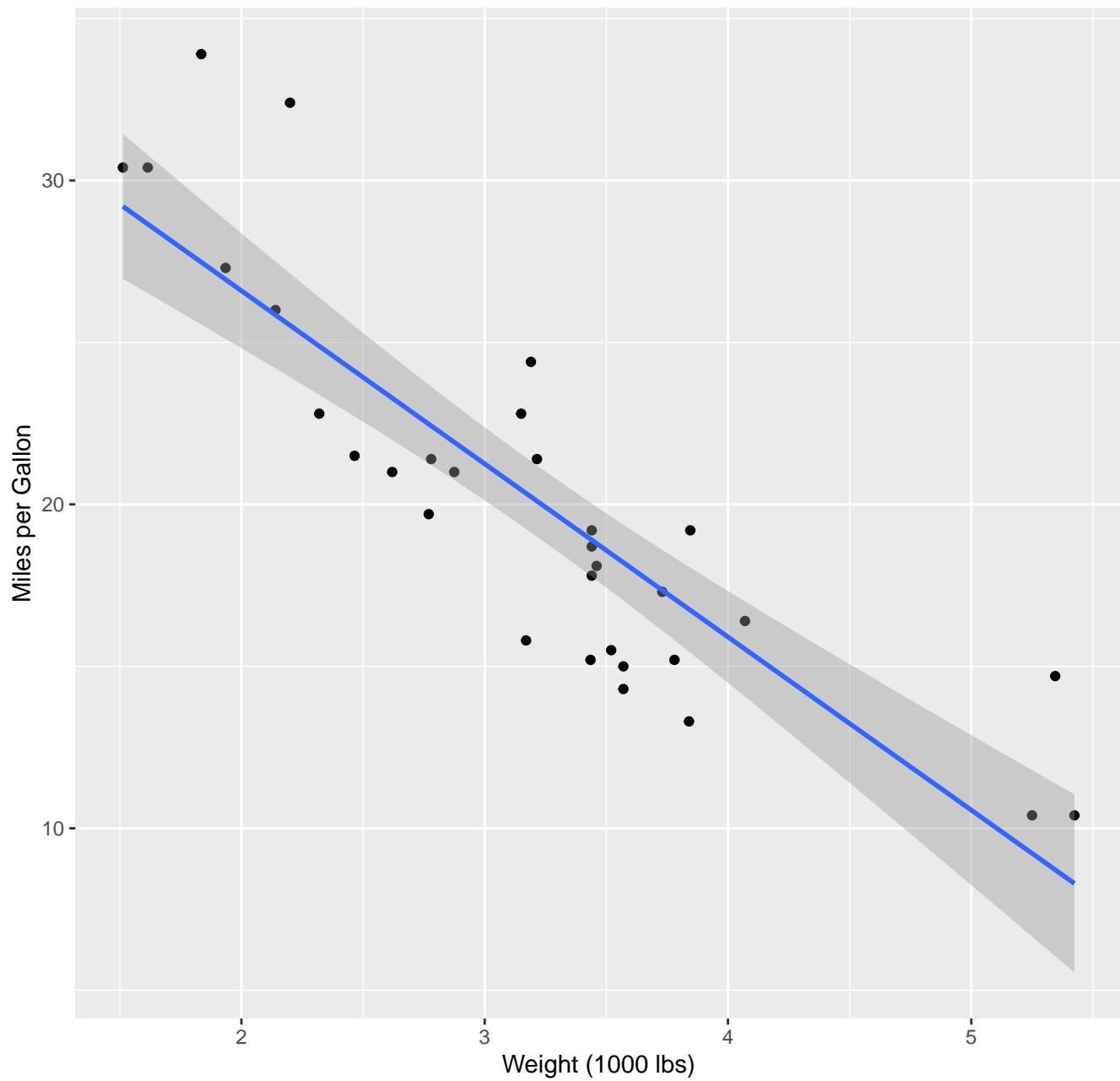
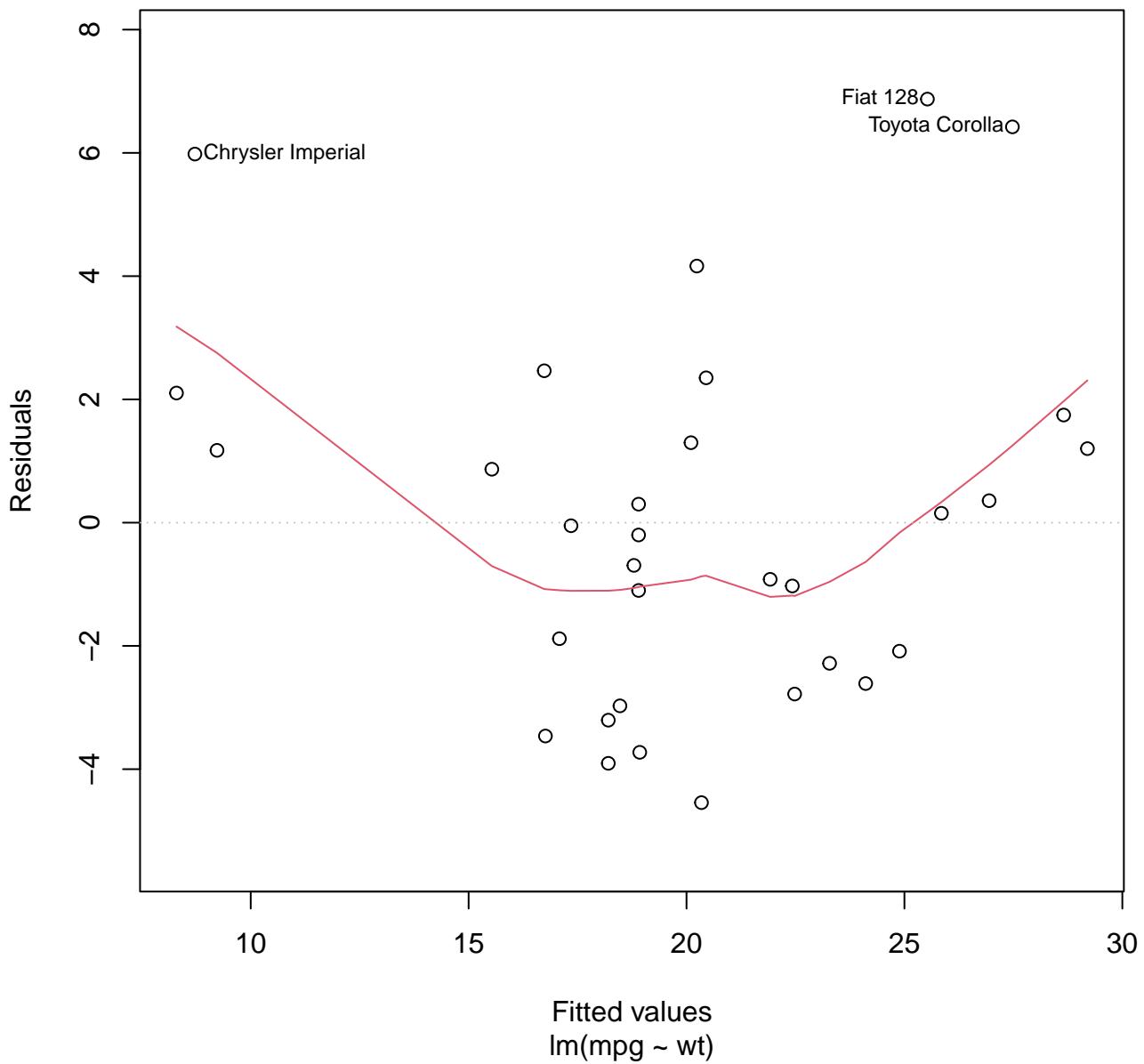
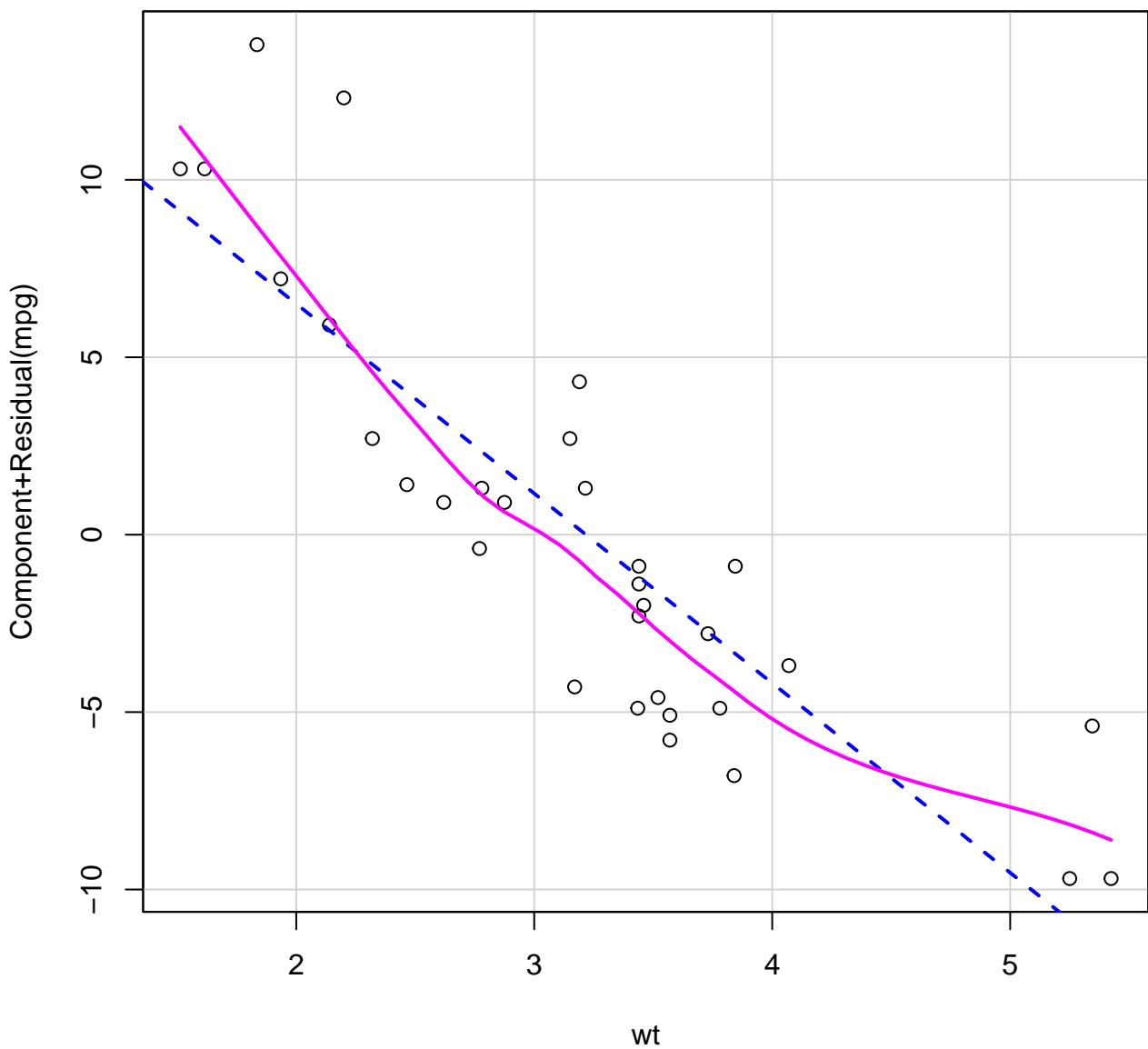


# Simple Linear Regression: MPG vs Weight

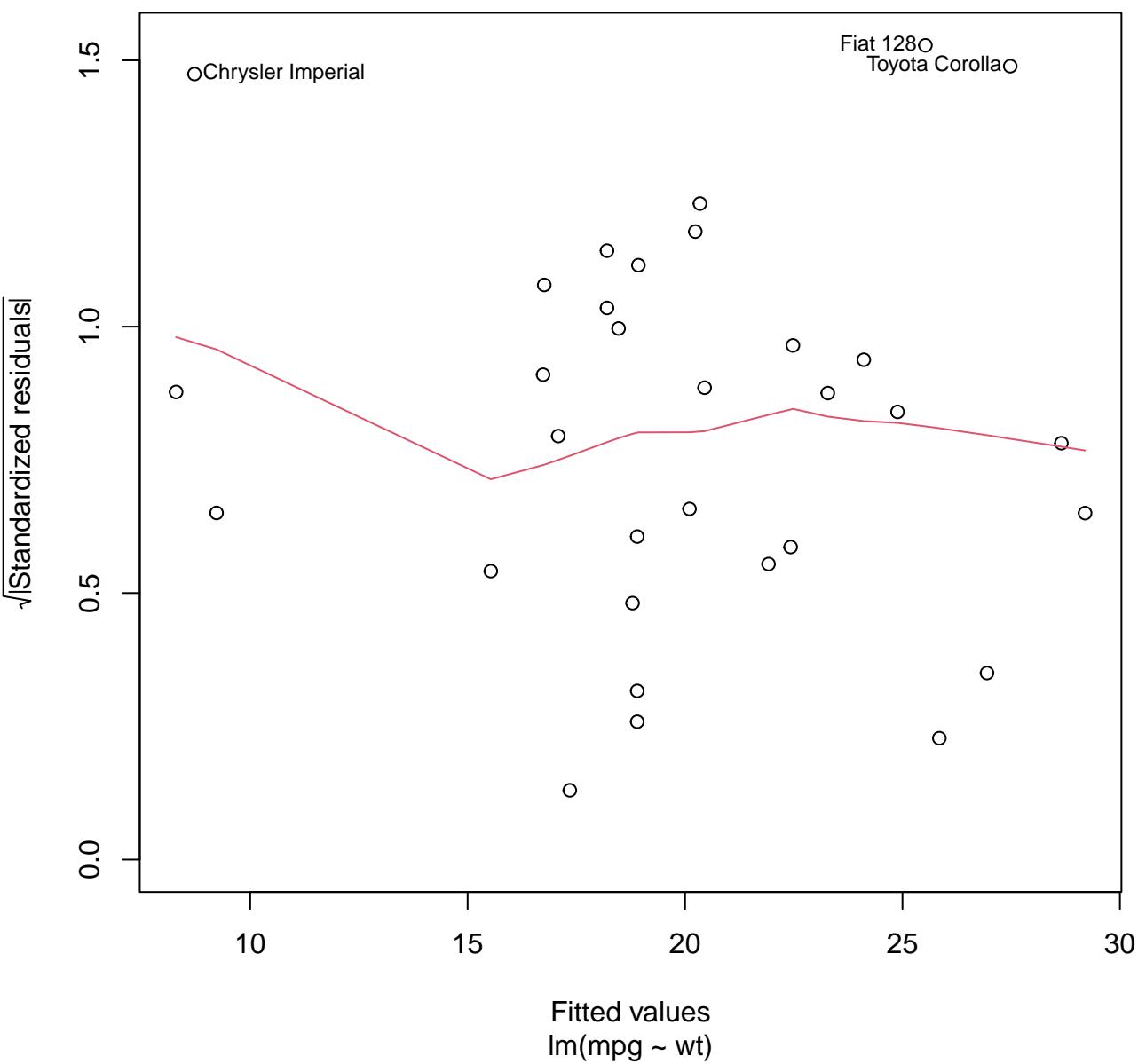


Residuals vs Fitted

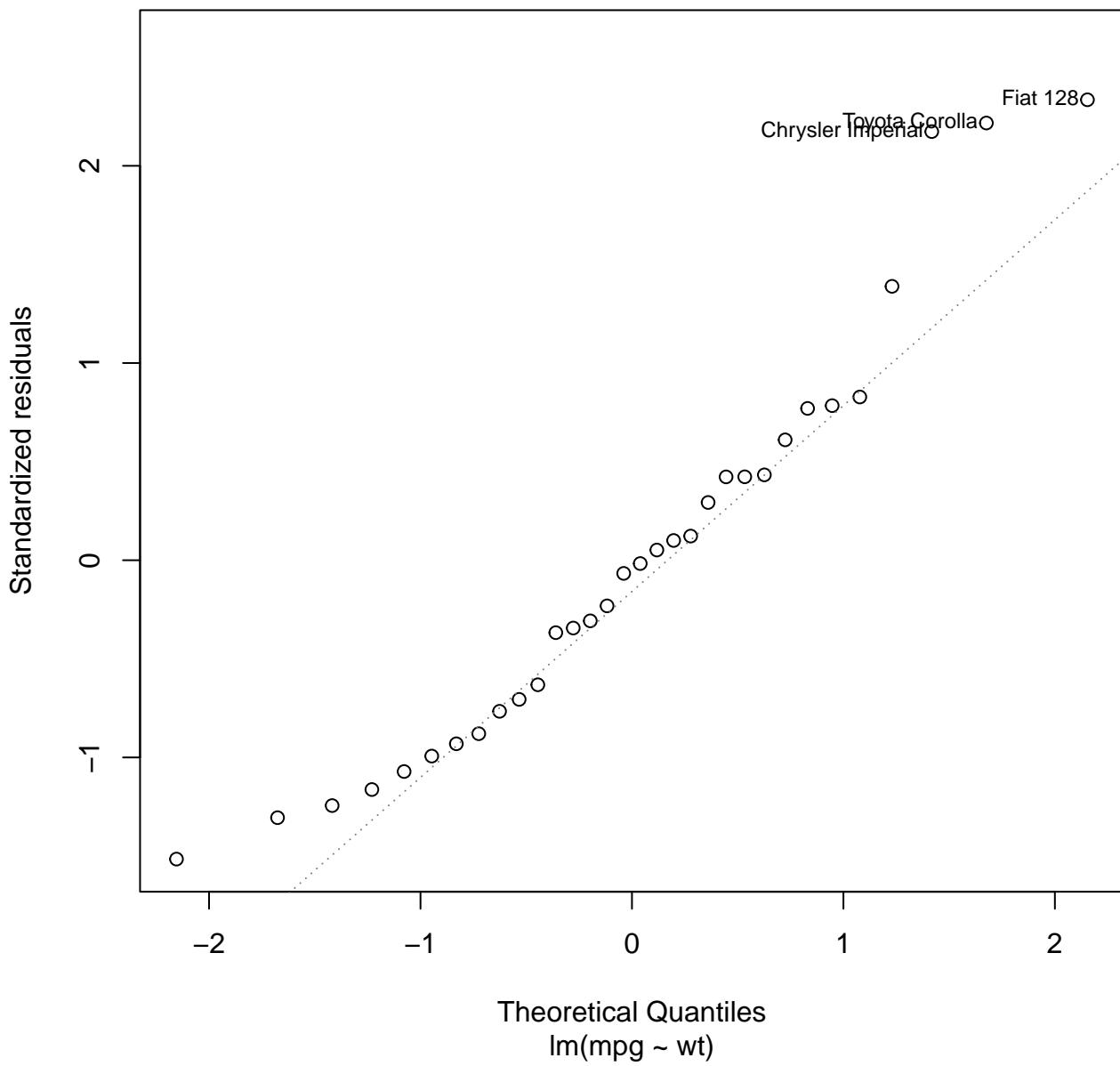




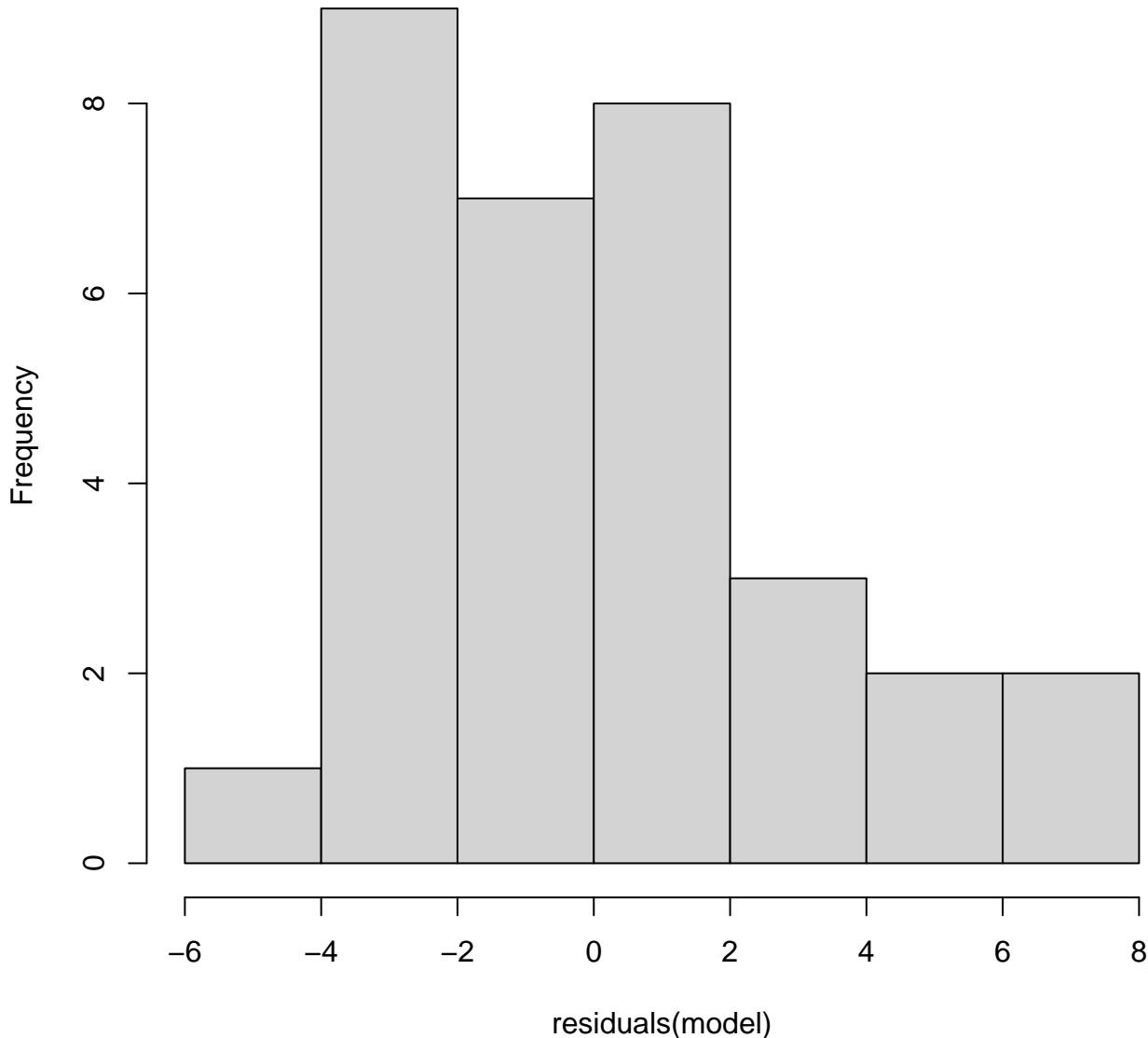
### Scale–Location



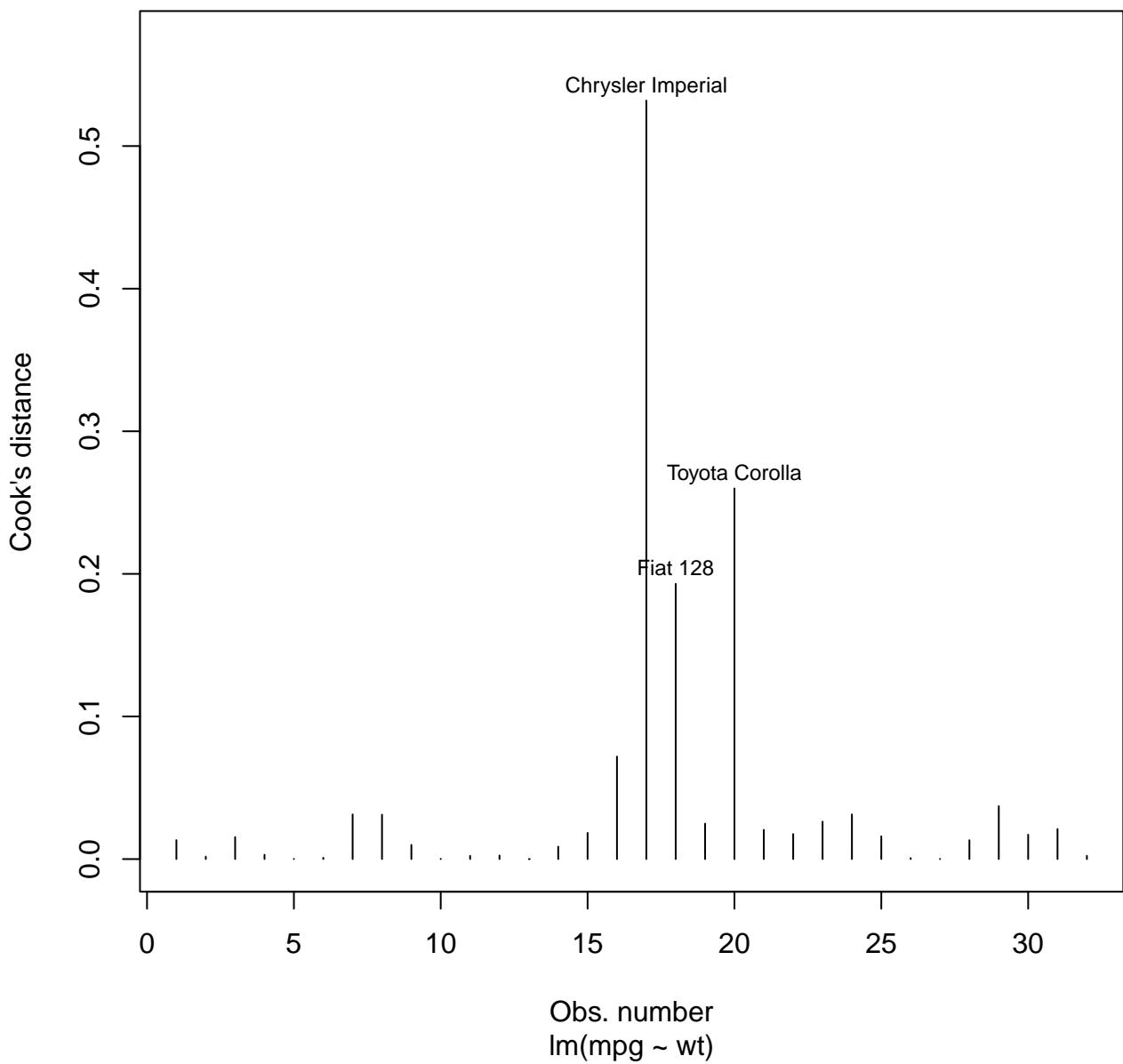
### Q–Q Residuals



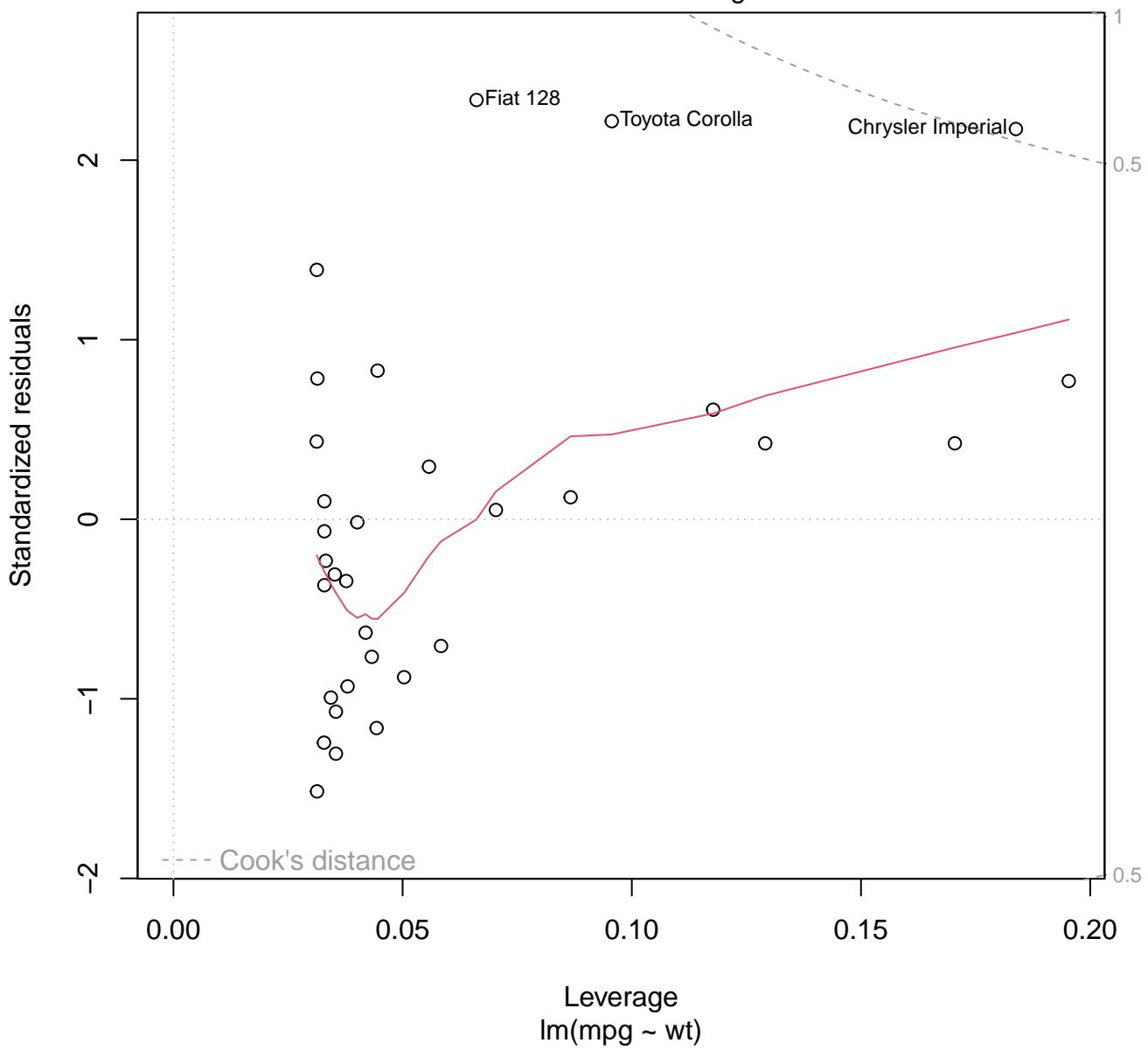
## Distribution of Residuals



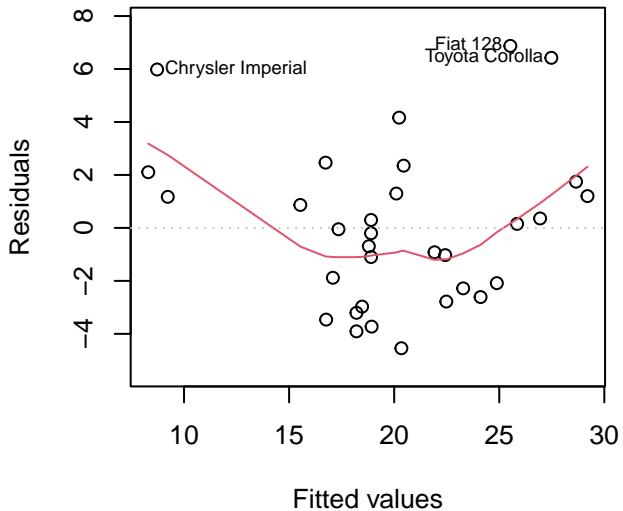
### Cook's distance



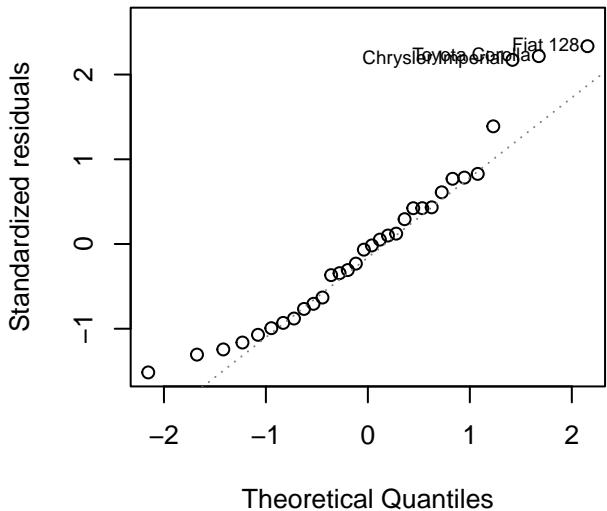
### Residuals vs Leverage



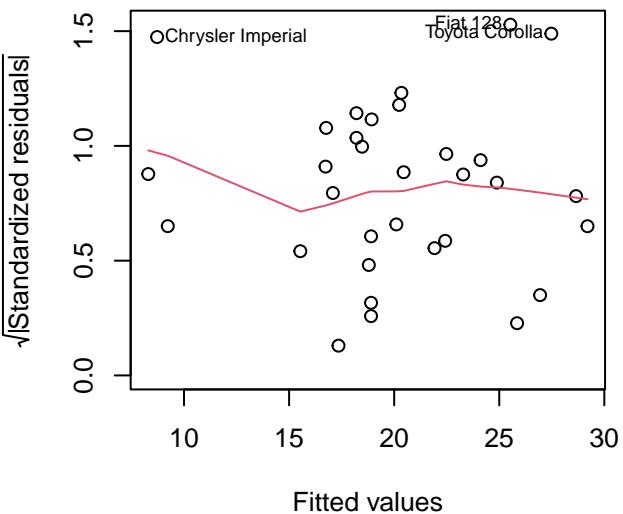
### Residuals vs Fitted



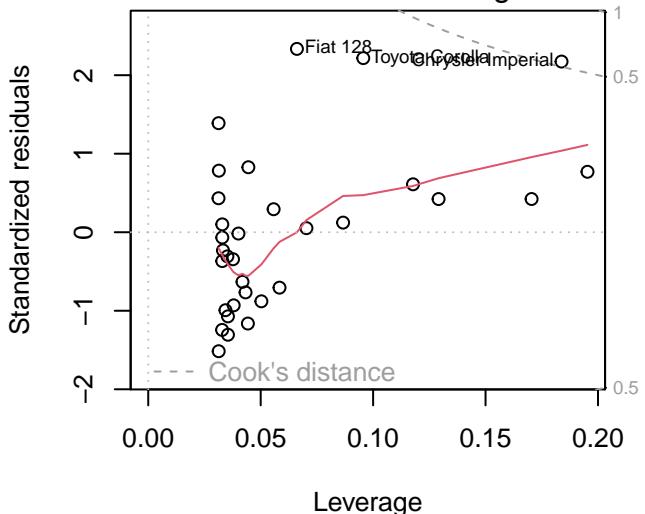
### Q-Q Residuals

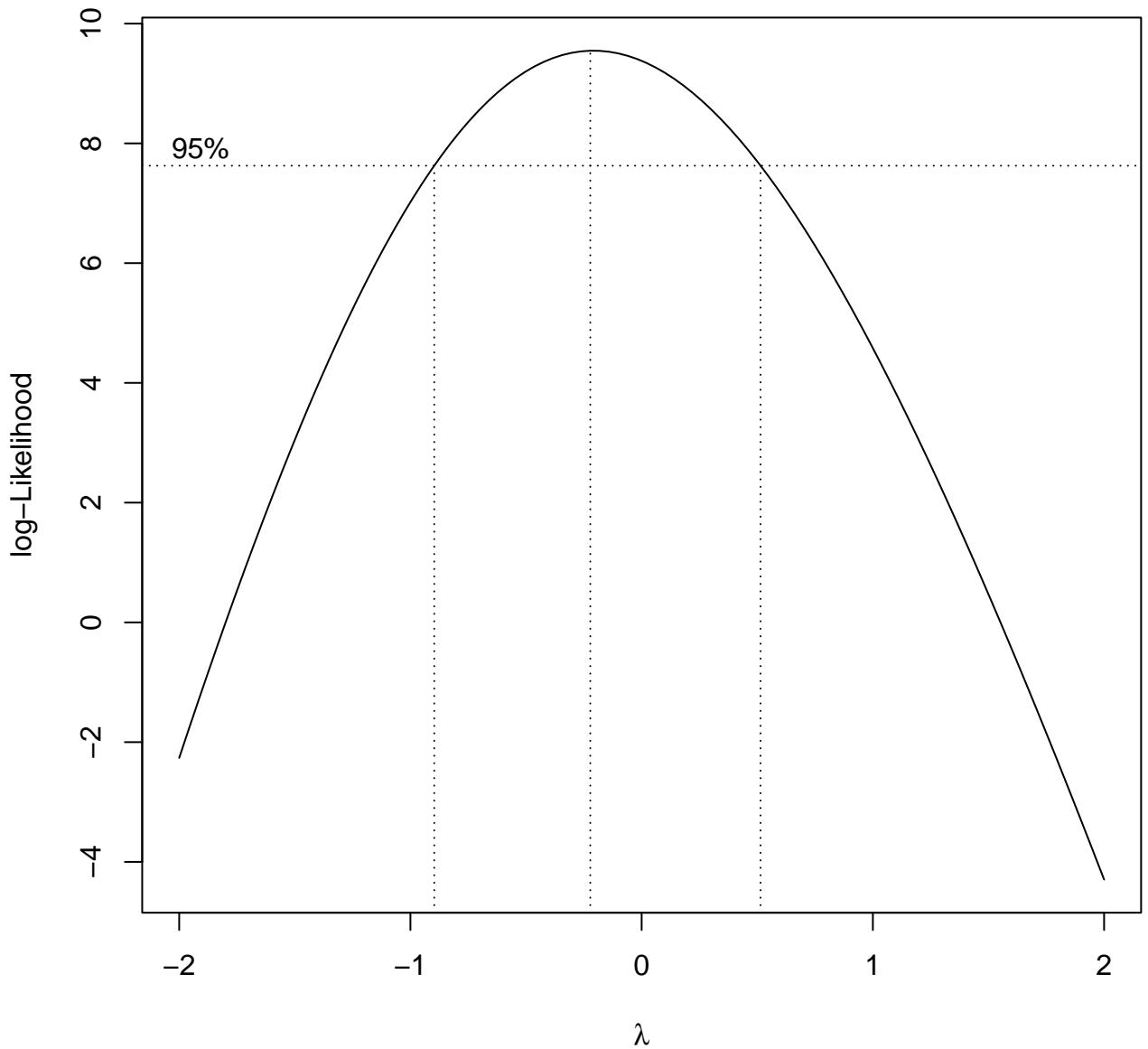


### Scale–Location

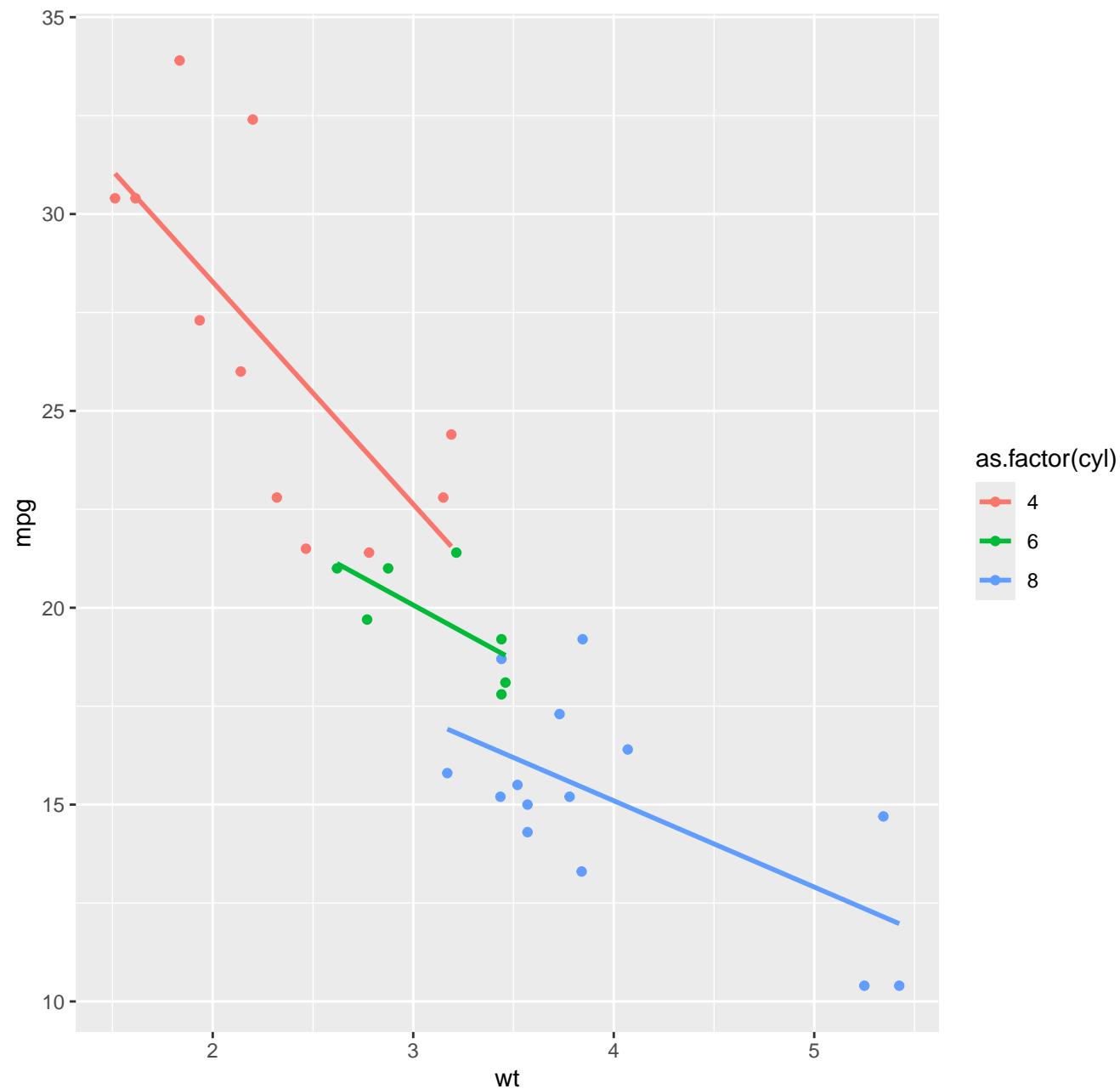


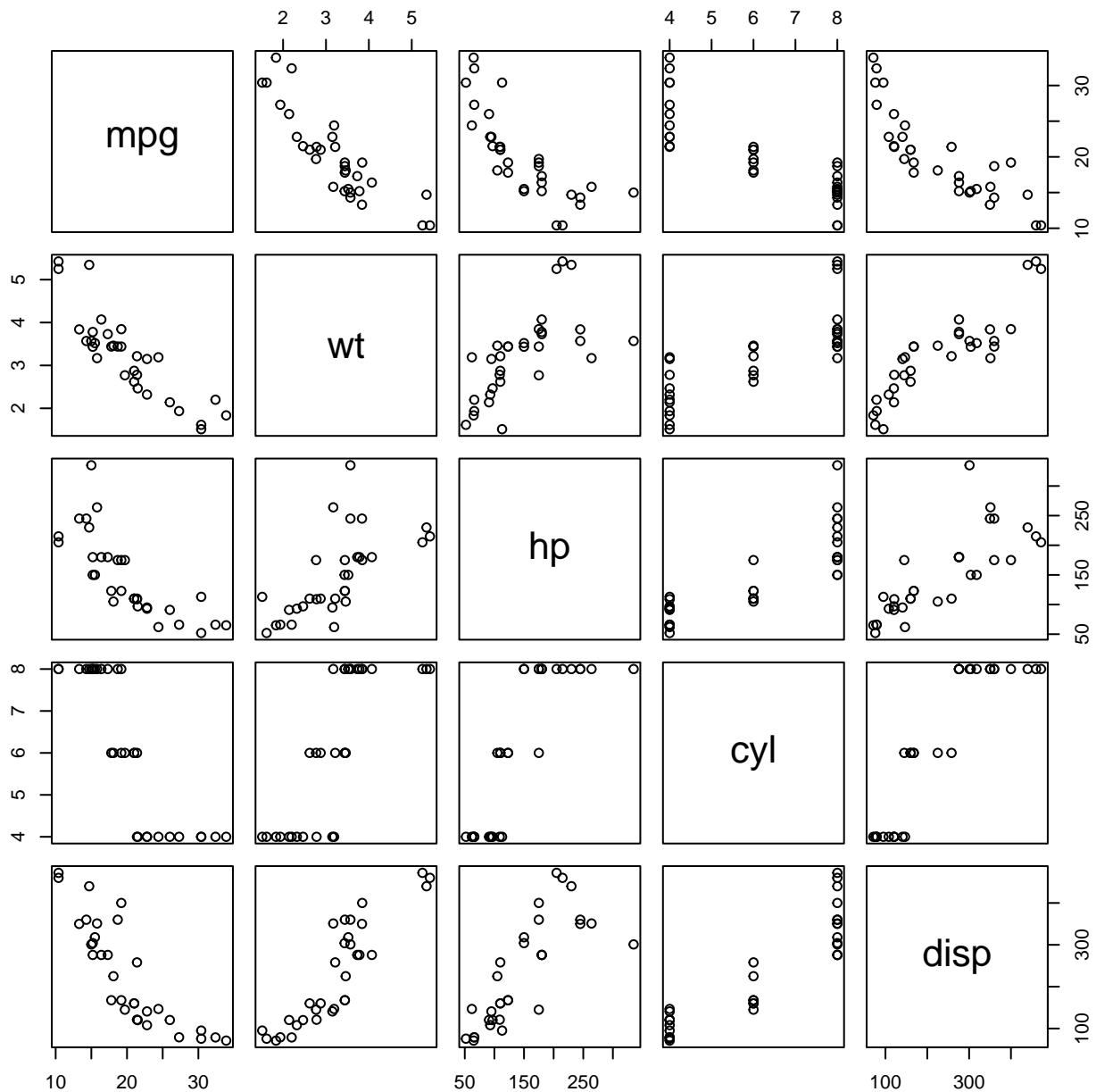
### Residuals vs Leverage



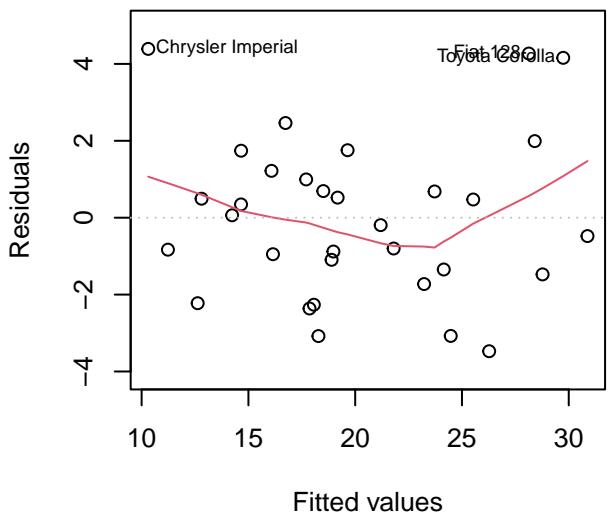


# Interaction Effect

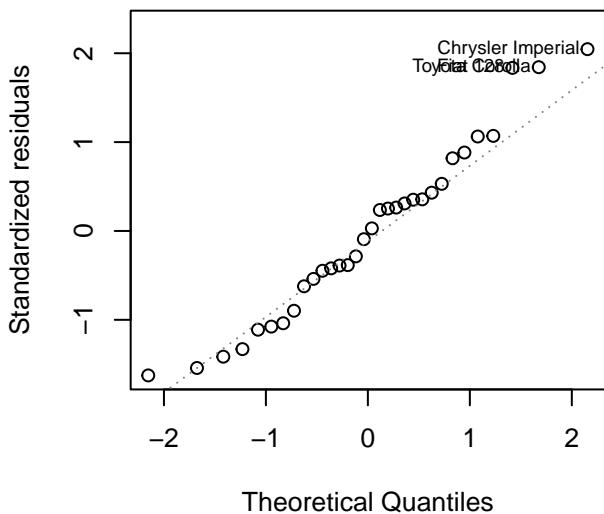




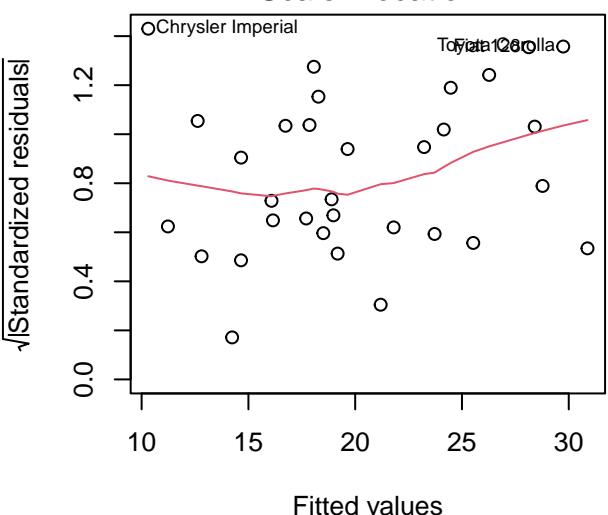
### Residuals vs Fitted



### Q-Q Residuals



### Scale–Location



### Residuals vs Leverage

