QuizFive

Rachel Meredith

4/11/2022

R Markdown

Q2
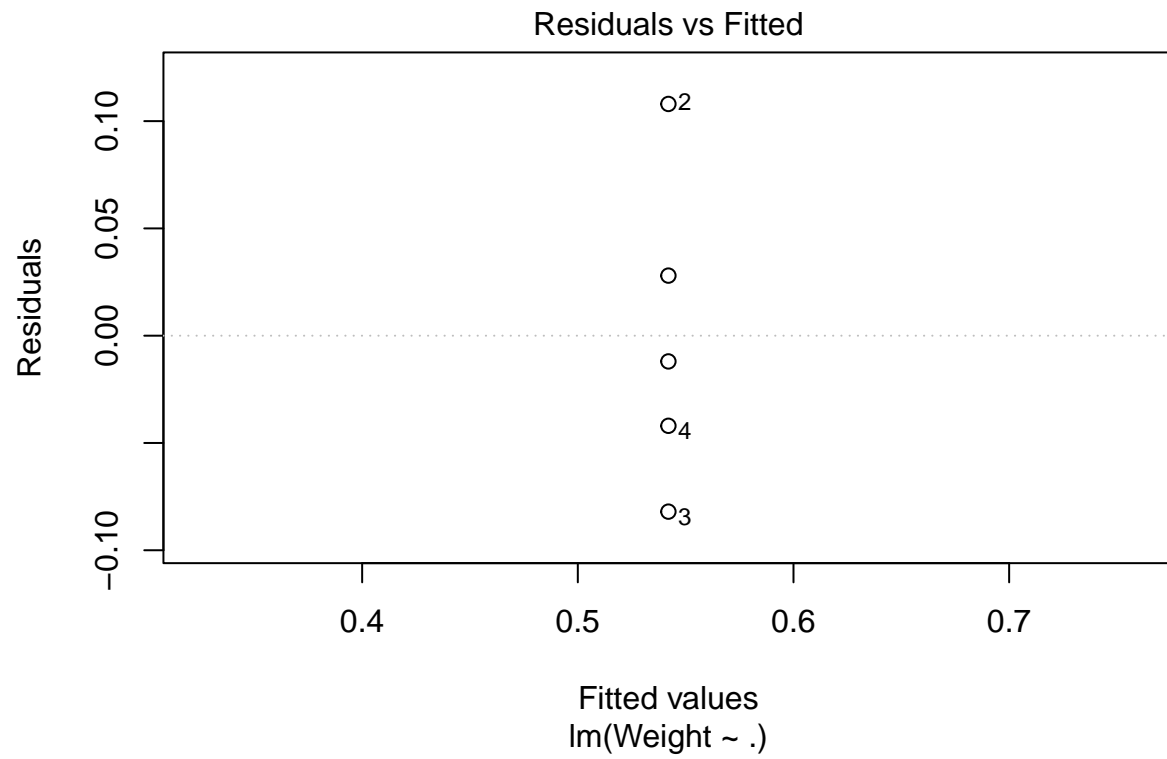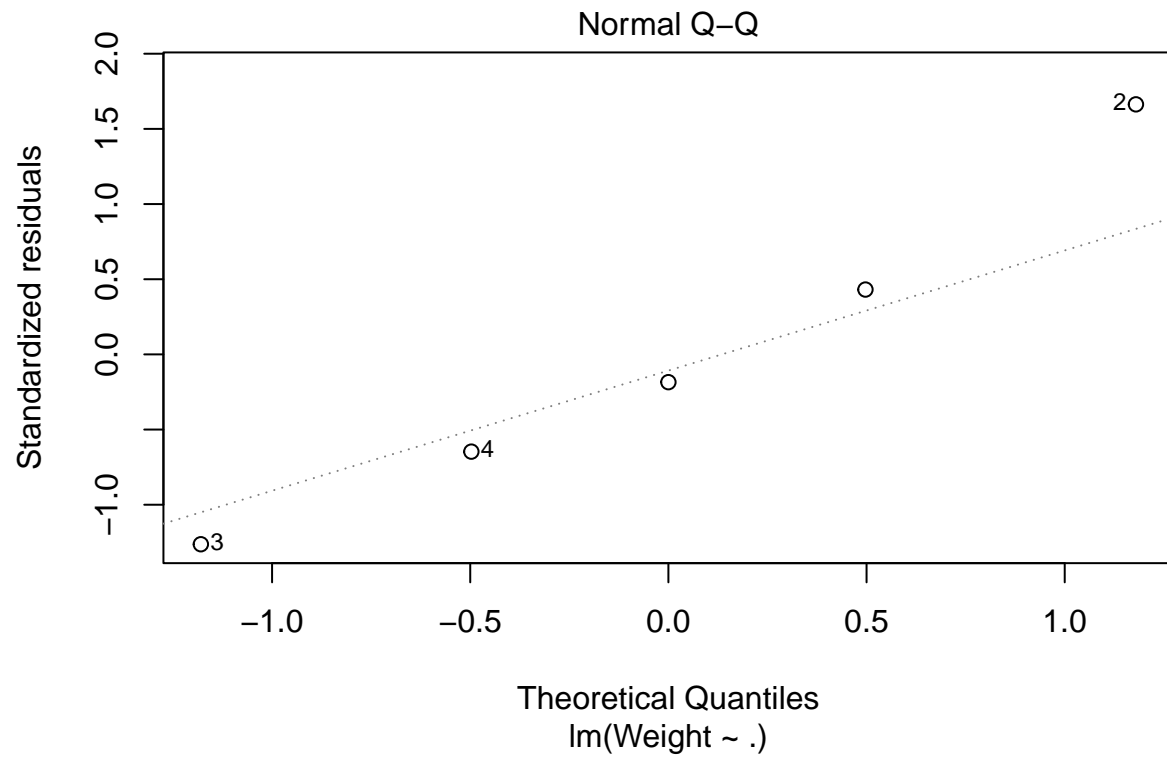
a.) My Dataset

```r
# My Data
data_set <- read.csv("C:/Users/rache/Documents/STAT 3010/Quiz5_data.csv", header = T)

# Linear Regressions
Linear_fit<-lm(Weight ~.,data = data_set)
Linear_fit$coefficients
```
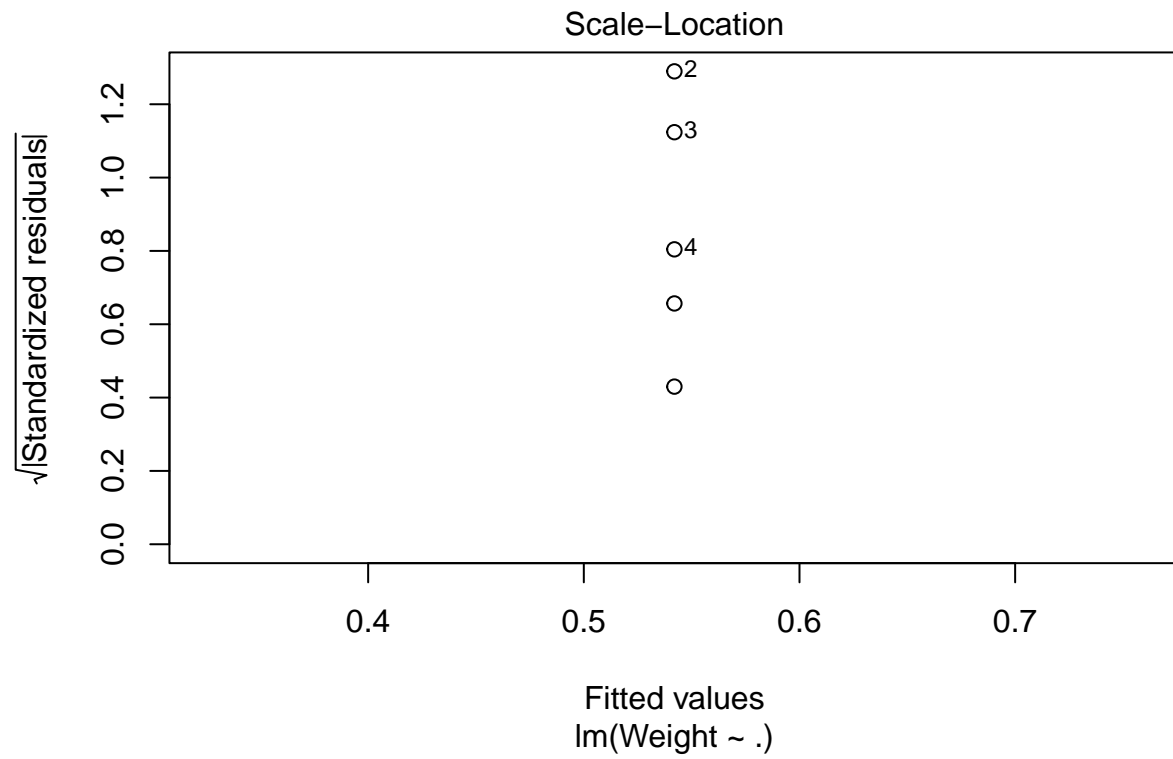
```
## (Intercept)
##       0.542
```

```r
plot(Linear_fit)
```

Residuals vs Fitted

Residuals

Fitted values
lm(Weight ~ .)

Normal Q–Q

lm(Weight ~ .)

```
## hat values (leverages) are all = 0.2
##  and there are no factor predictors; no plot no. 5
```

Scale–Location

Fitted values
lm(Weight ~ .)

```
# normal fit
fit1<-lm(Weight  ~., data=data_set)
fit1
```

```
##
## Call:
## lm(formula = Weight ~ ., data = data_set)
##
## Coefficients:
## (Intercept)
##       0.542
```

The observations follow normally.

Question 6

a.) ANOVA Table