# Diagnostic plots 1

### Residual vs Fitted Plot



### Normal Q–Q



### Cook's distance



### Residual vs Leverage Plot



Cook's Distance  ● 2.5  ● 5.0  ● 7.5
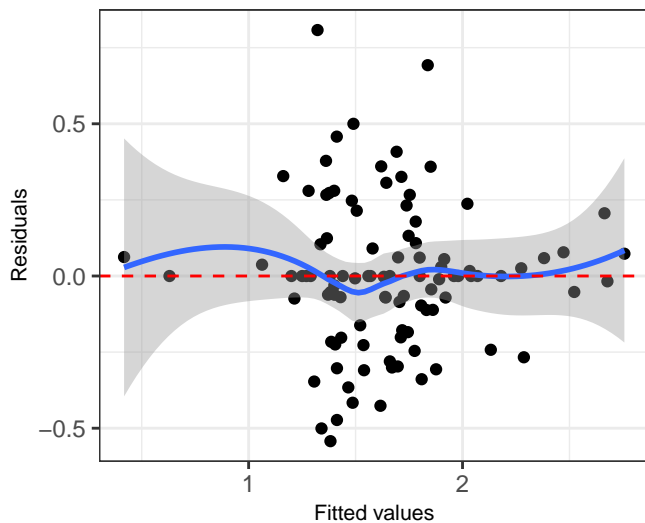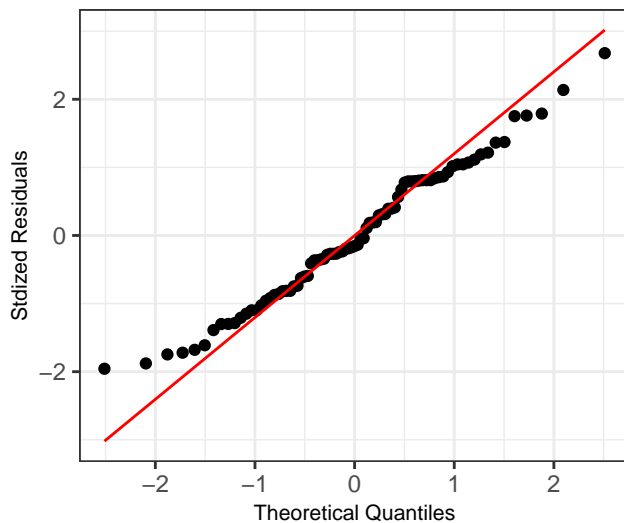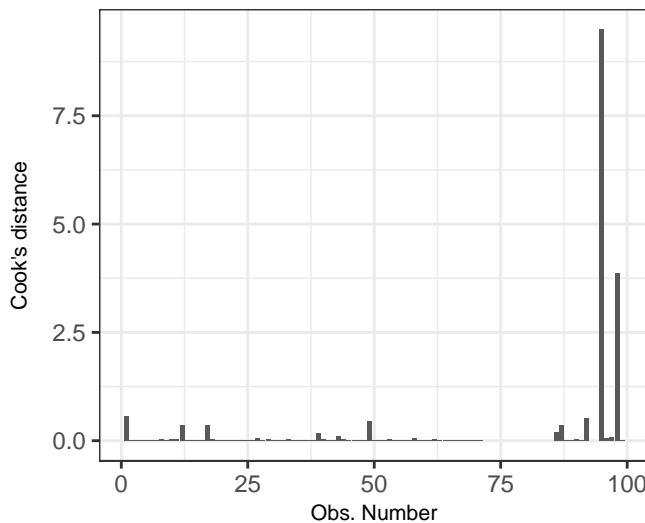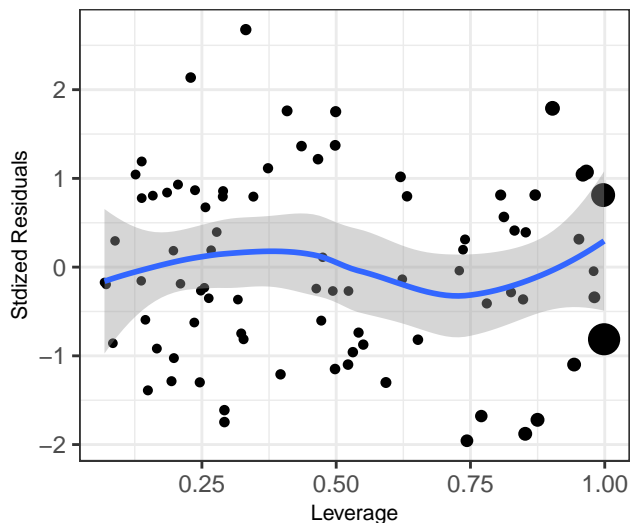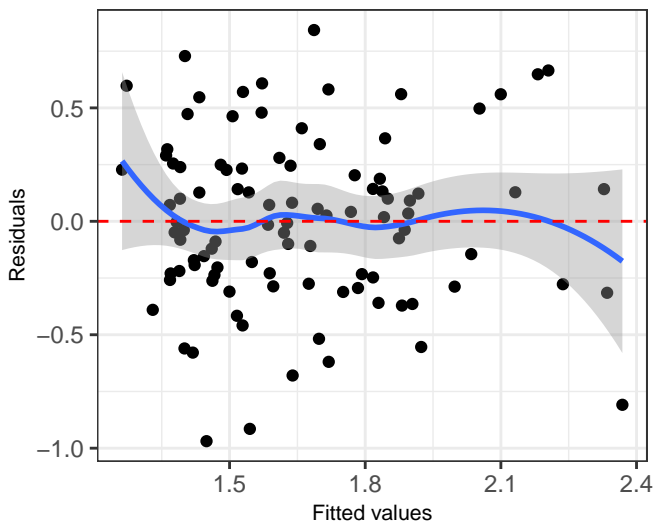
# Diagnostic plots 2

# Diagnostic plots 3



## Residual vs Fitted Plot

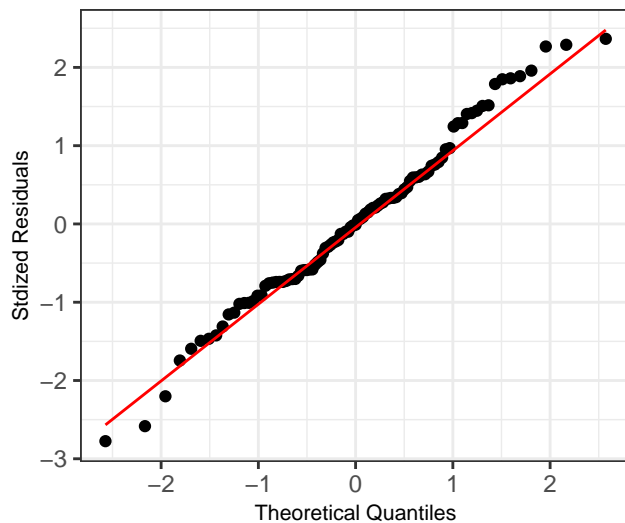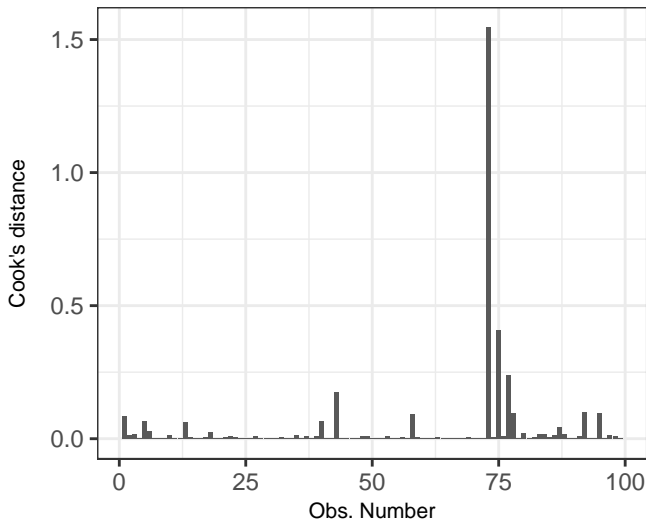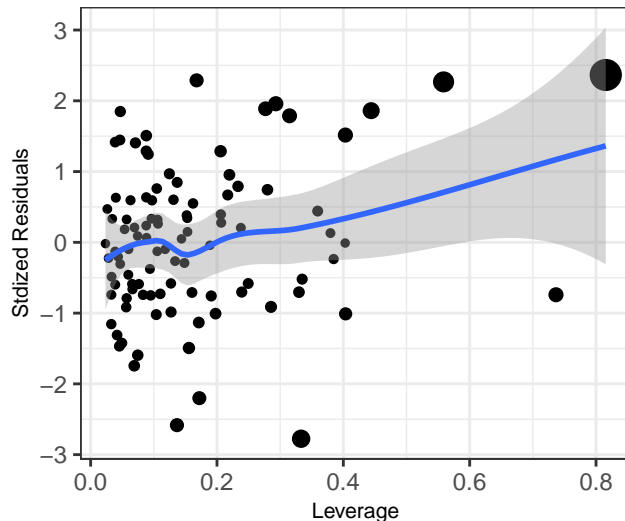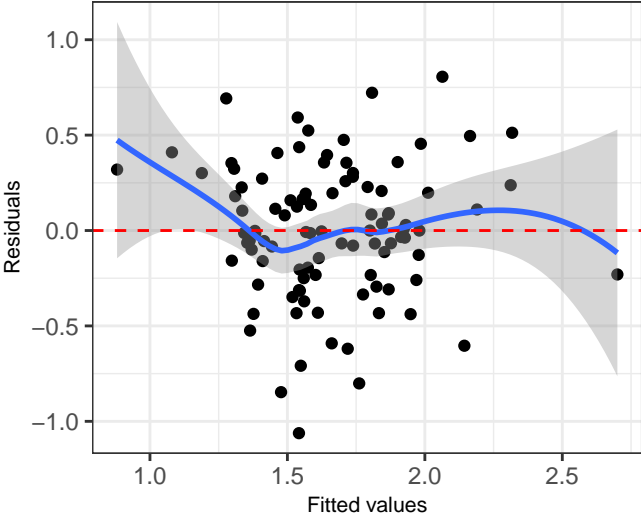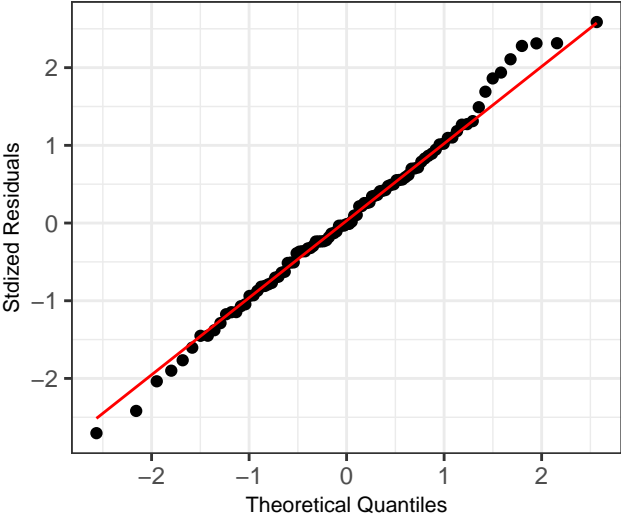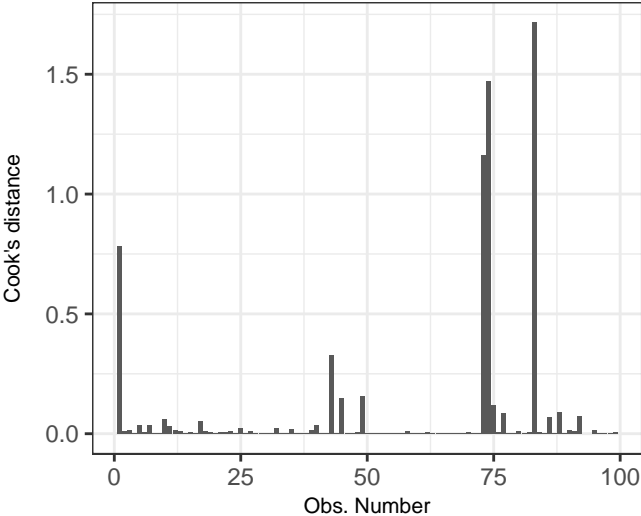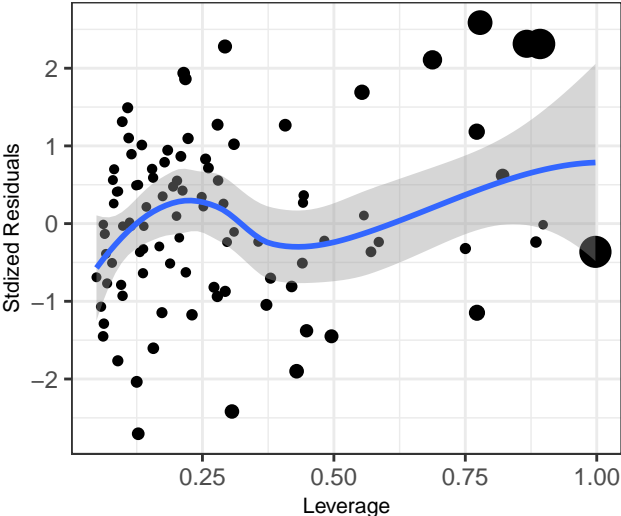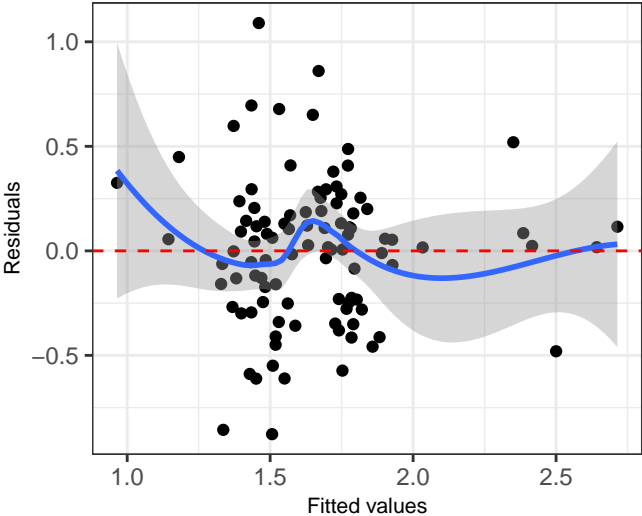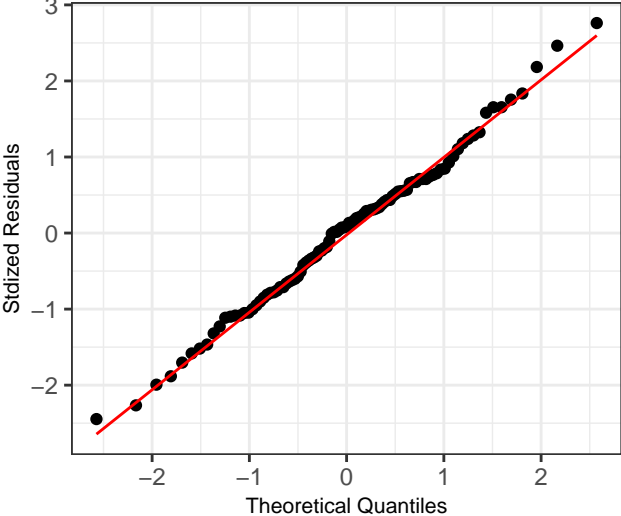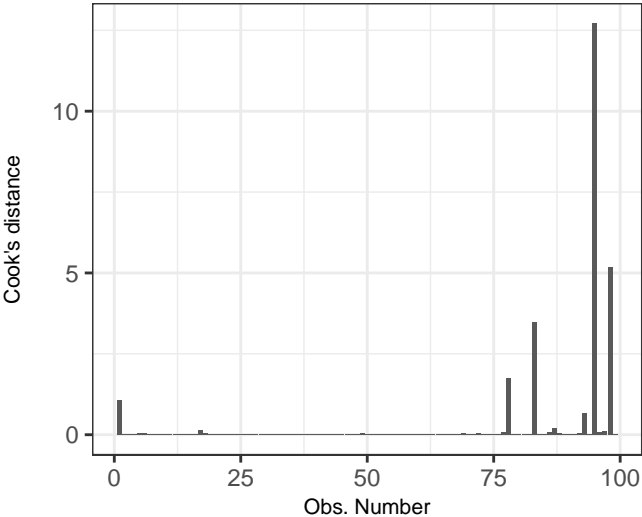## Normal Q–Q

## Cook's distance

## Residual vs Leverage Plot

Cook's Distance ● 0.4 ● 0.8 ● 1.2 ● 1

# Diagnostic plots 4

# Diagnostic plots 5

# Diagnostic plots 6
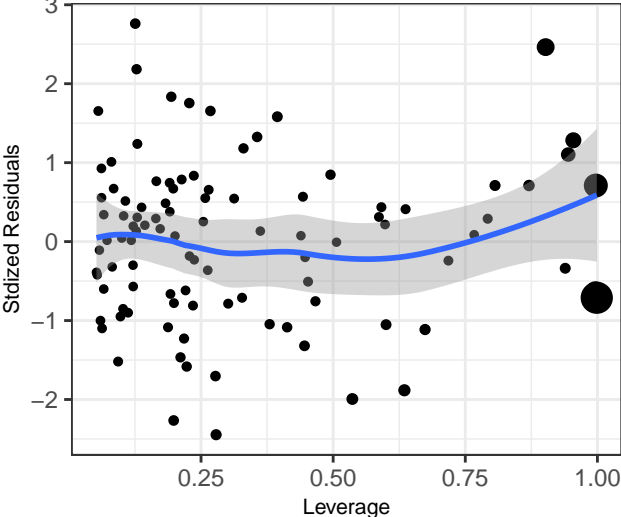


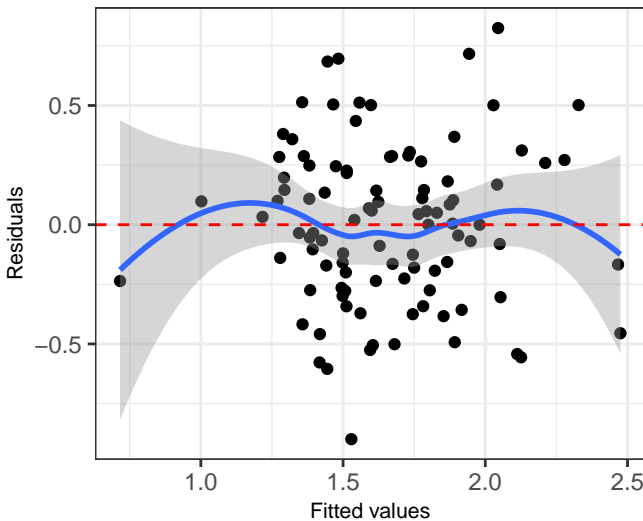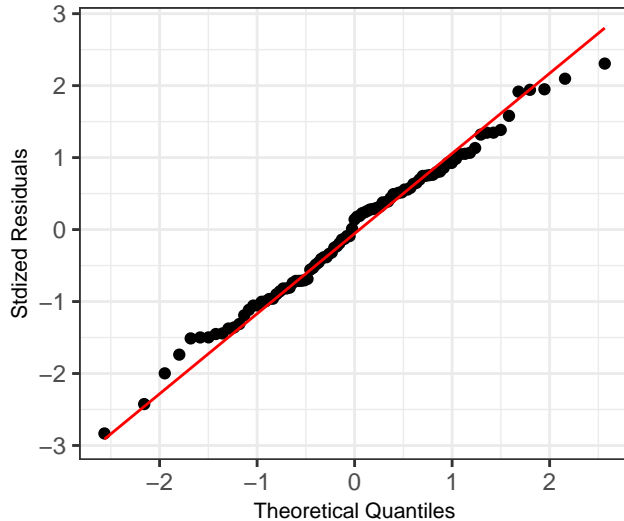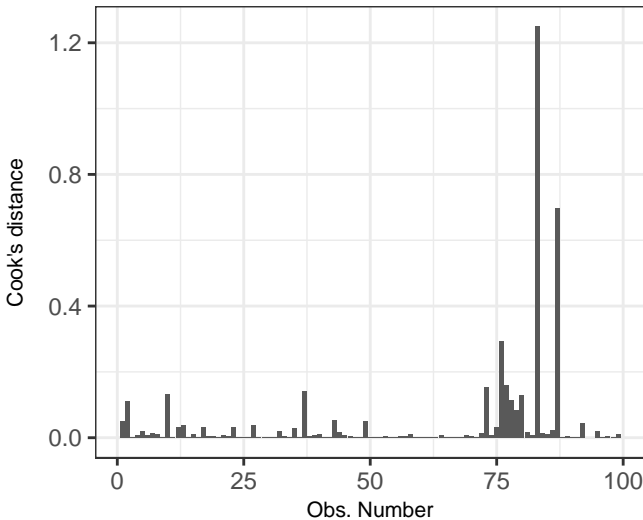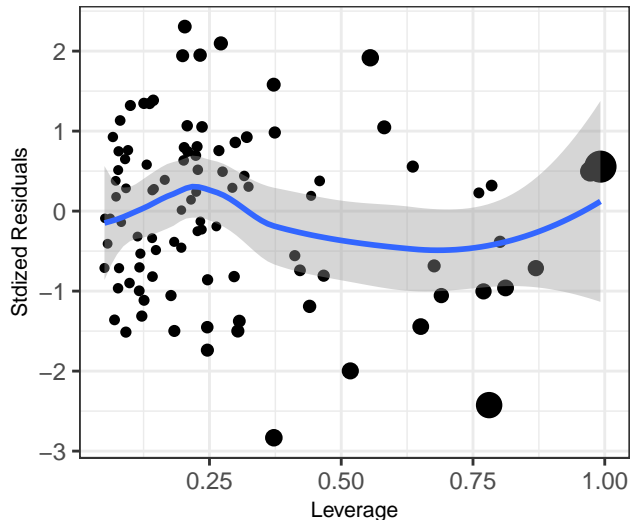**Residual vs Fitted Plot**

**Normal Q–Q**

**Cook's distance**

**Residual vs Leverage Plot**

Cook's Distance ● 2.5 ● 5.0 ● 7.5 ● 10.0 ●

# Diagnostic plots 7

# Diagnostic plots 8

## Residual vs Fitted Plot

## Normal Q–Q
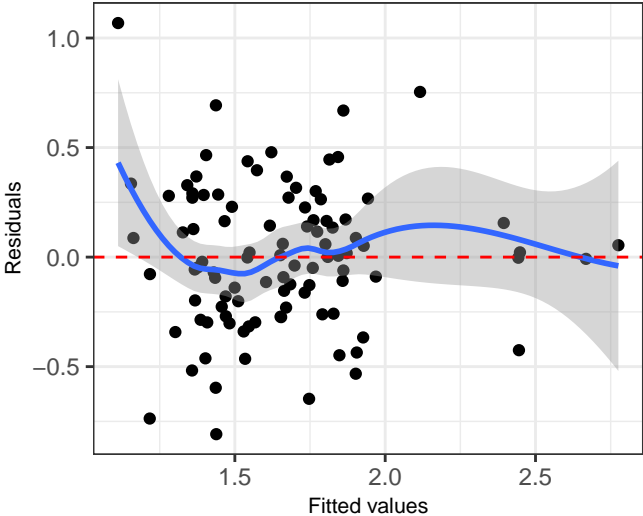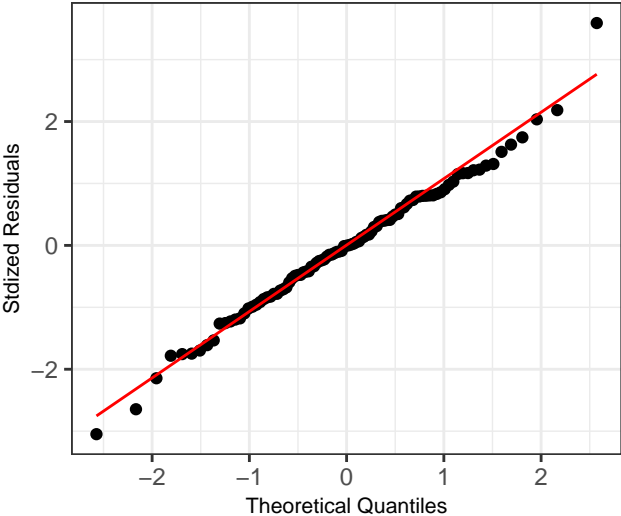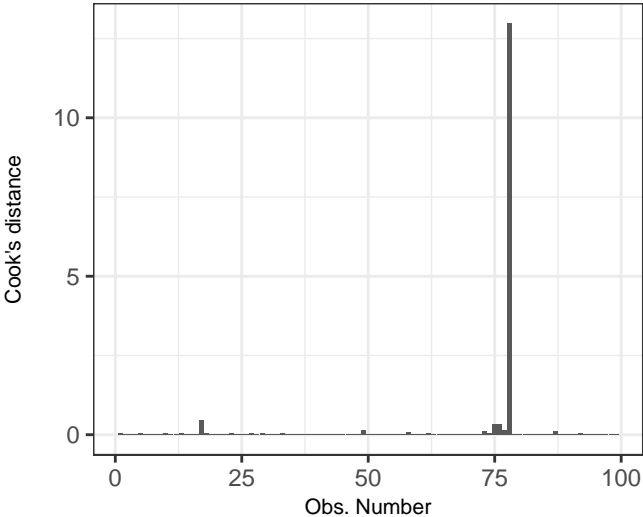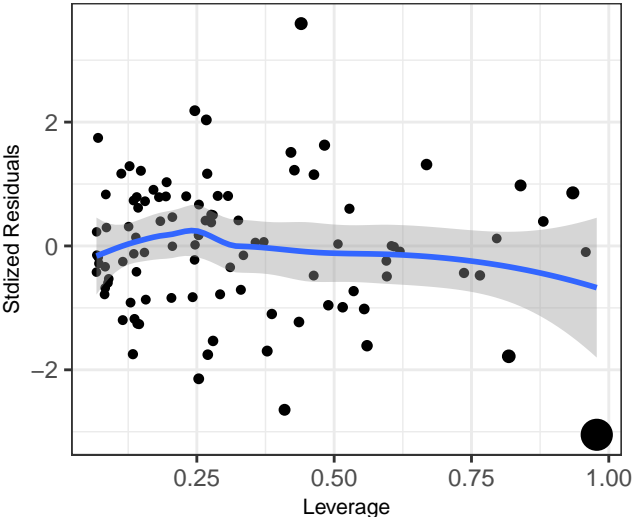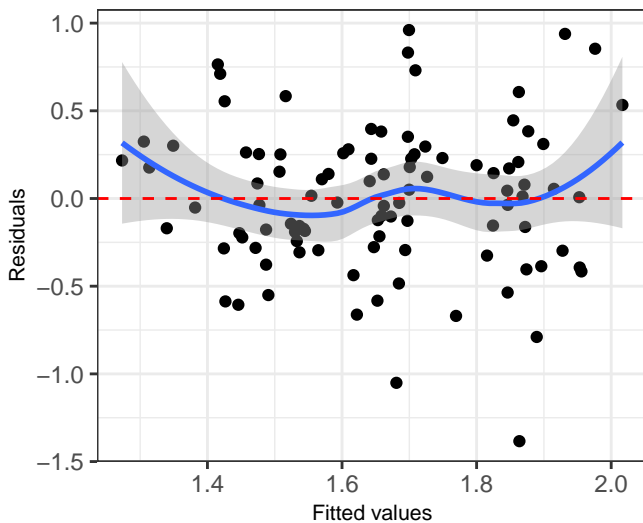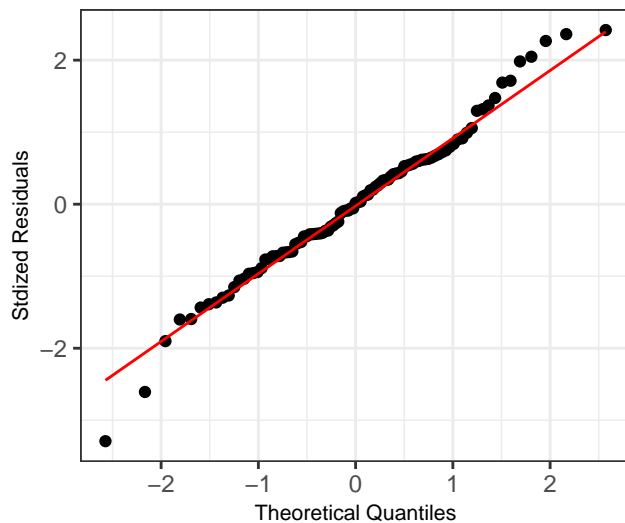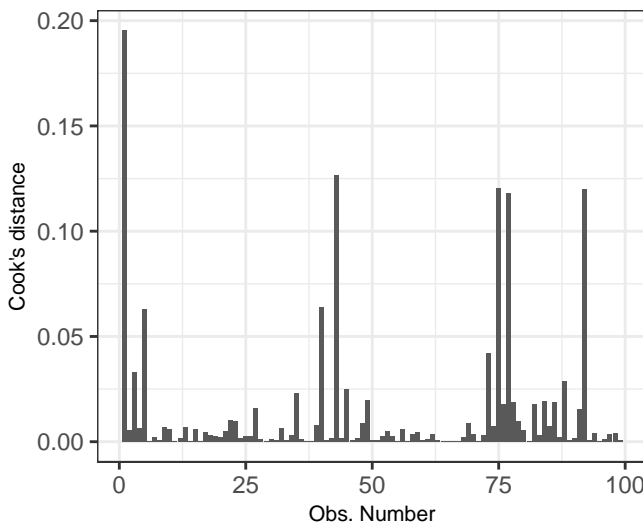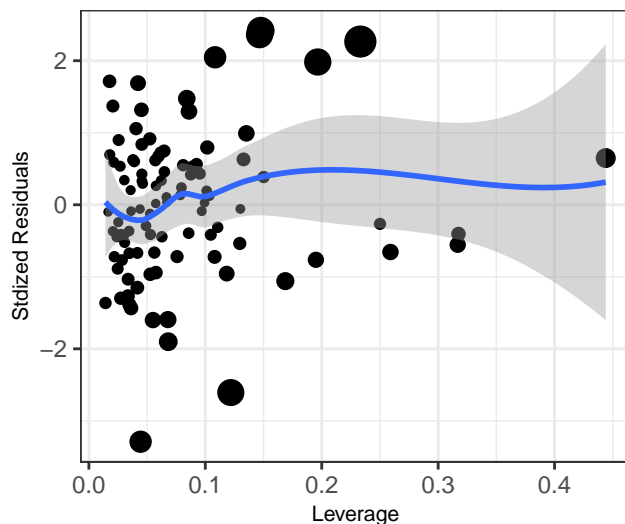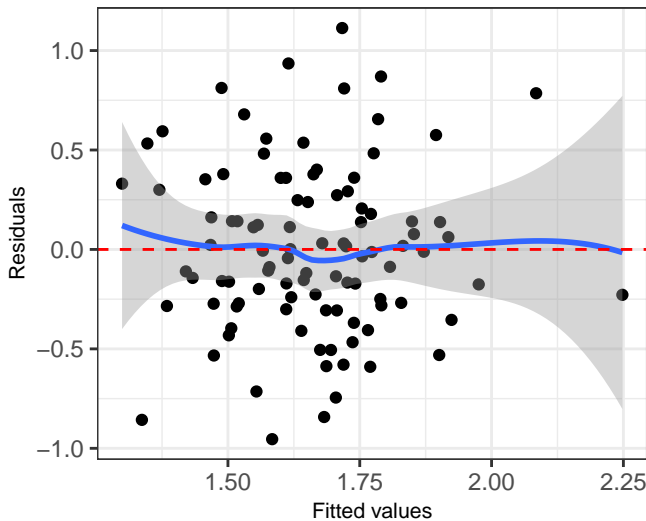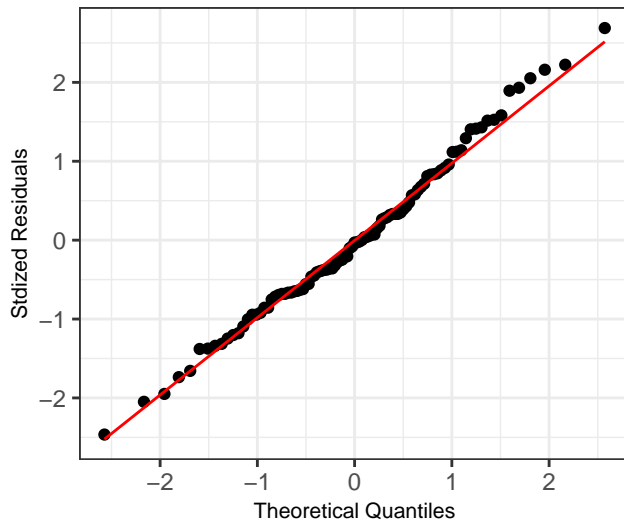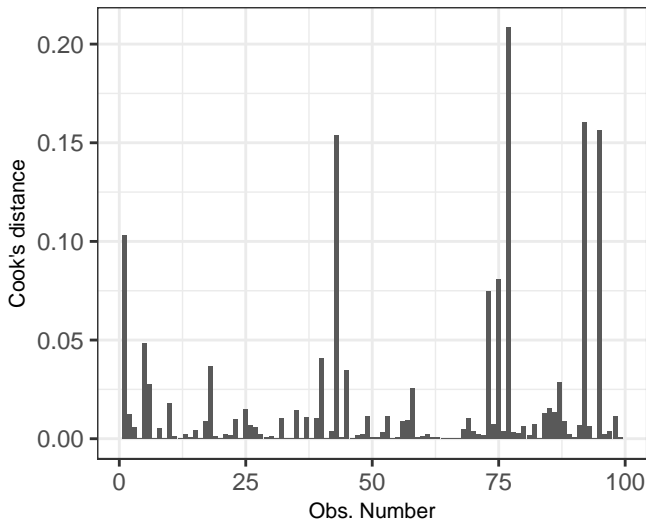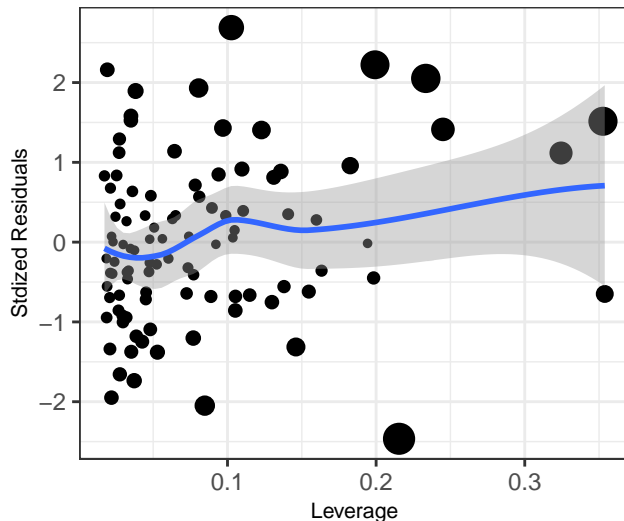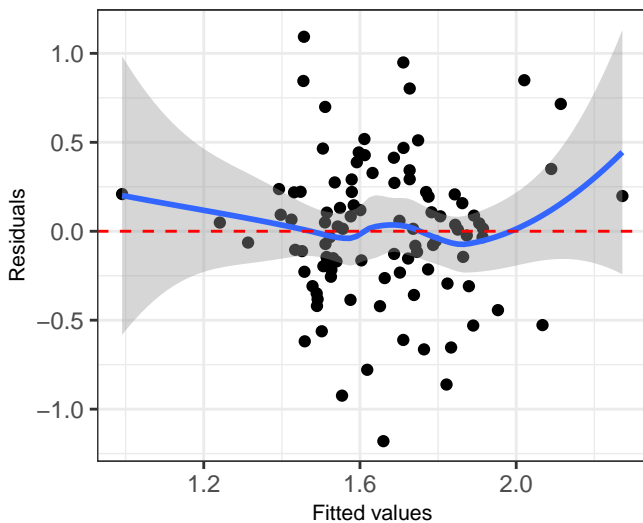
## Cook's distance

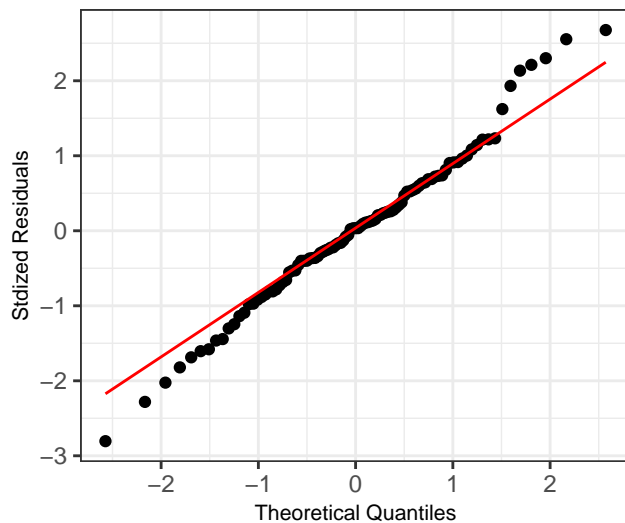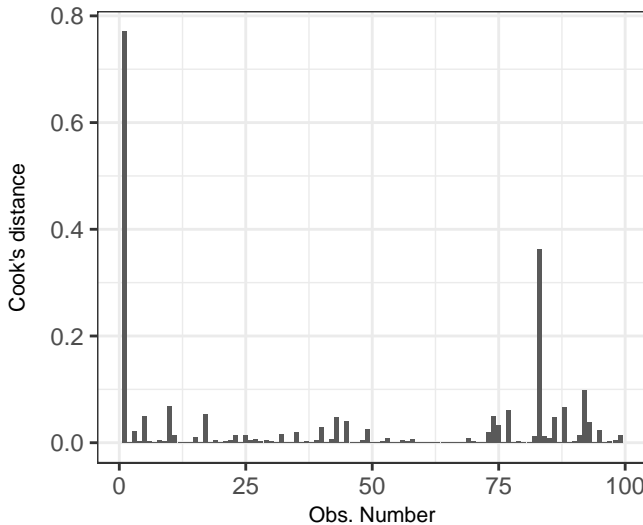## Residual vs Leverage Plot



Cook's Distance ● 0.05 ● 0.10 ● 0.15 ●

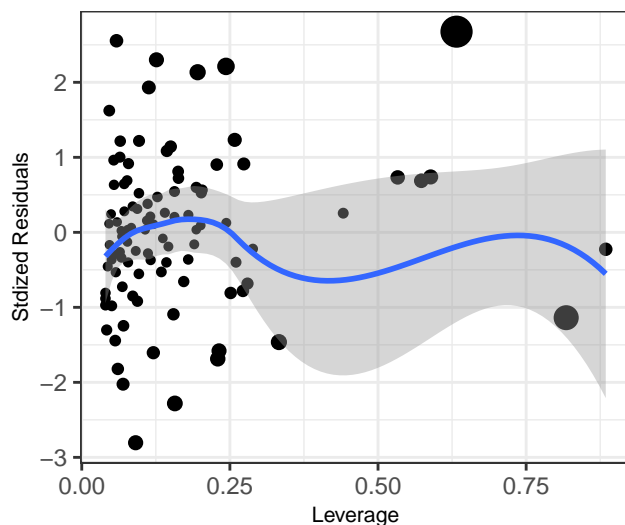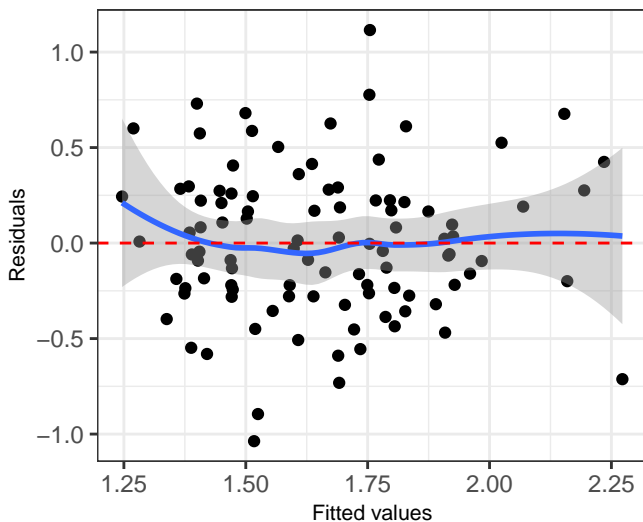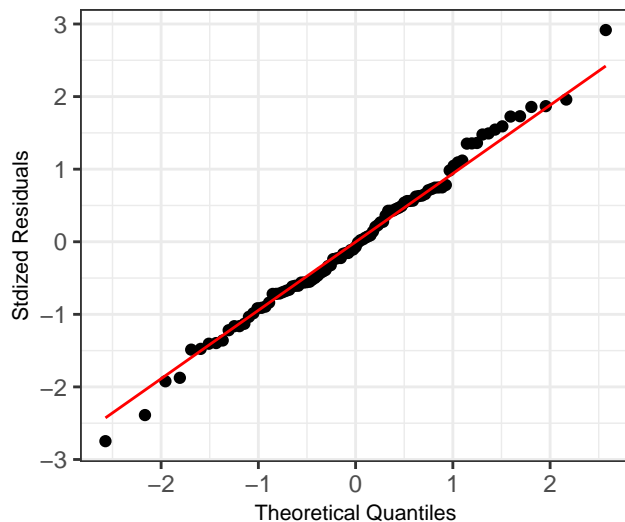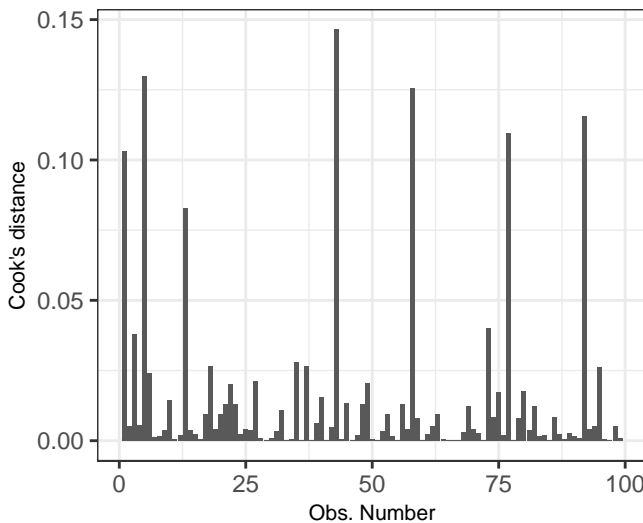# Diagnostic plots 9
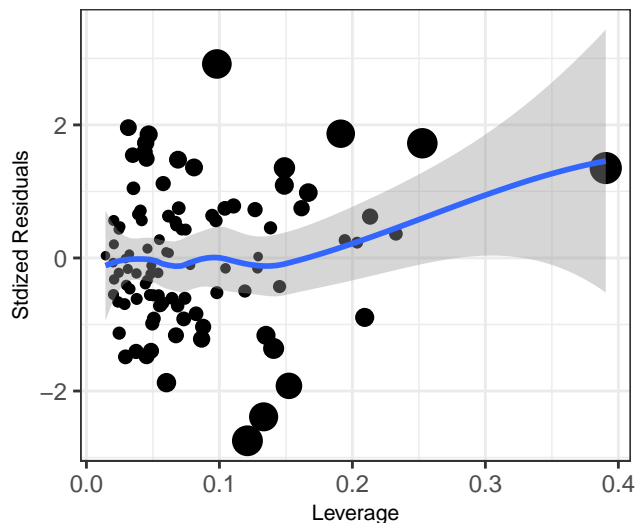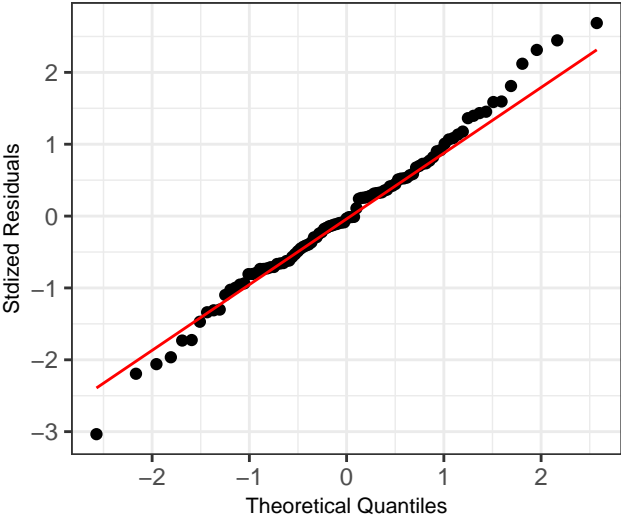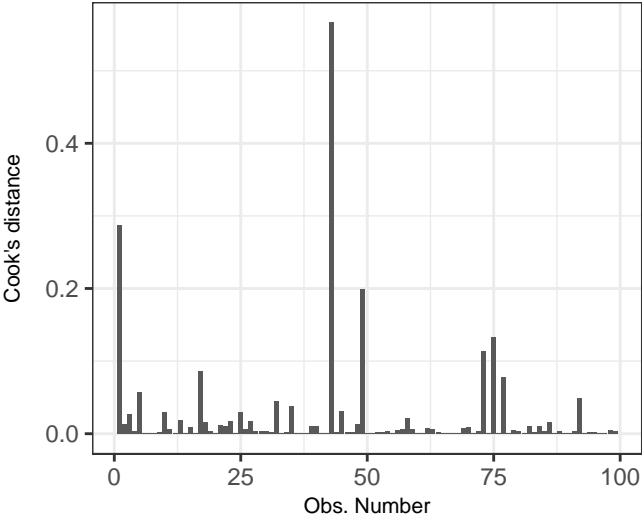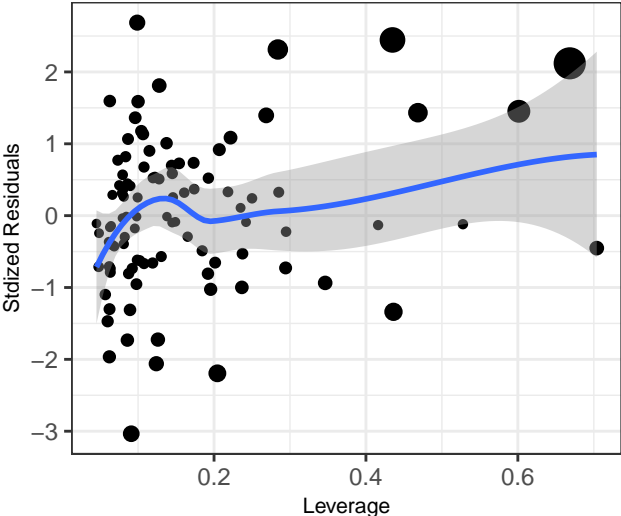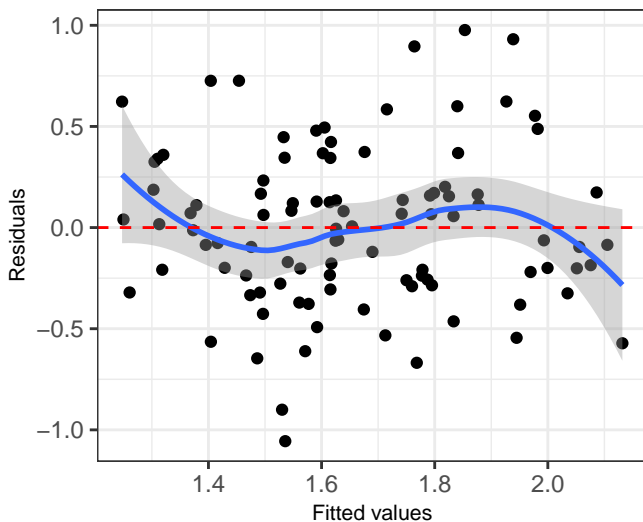


## Residual vs Fitted Plot

## Normal Q–Q

## Cook's distance

## Residual vs Leverage Plot

Cook's Distance ● 0.2 ● 0.4 ● 0.6

# Diagnostic plots 10
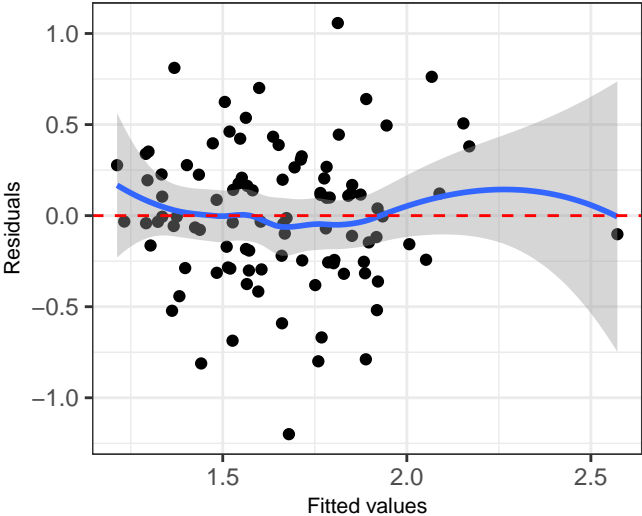
# Diagnostic plots 11

# Diagnostic plots 12

# Diagnostic plots 13

## Residual vs Fitted Plot

## Normal Q–Q

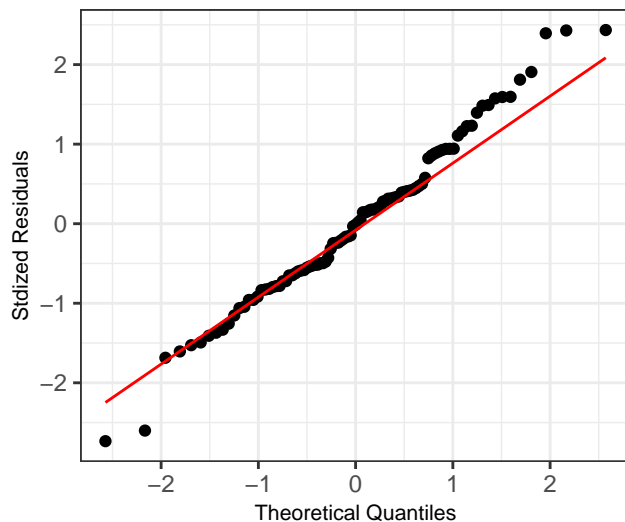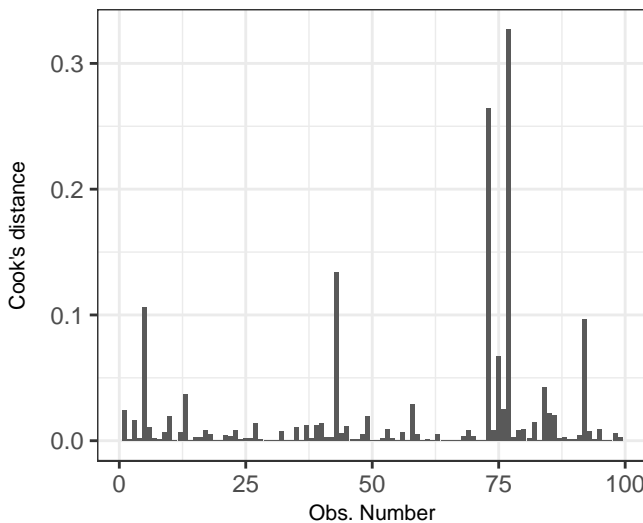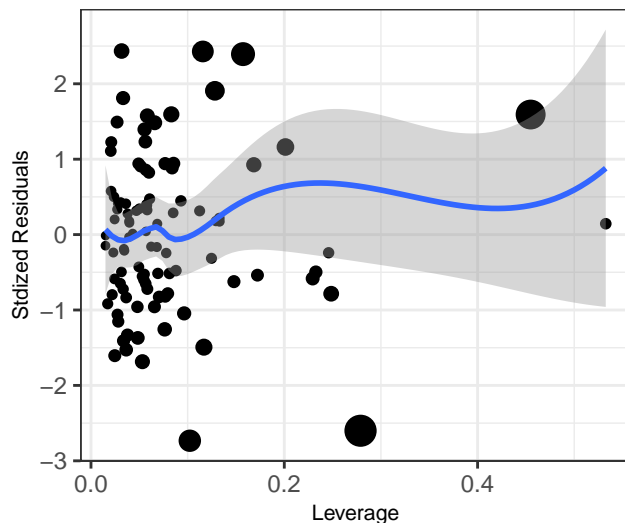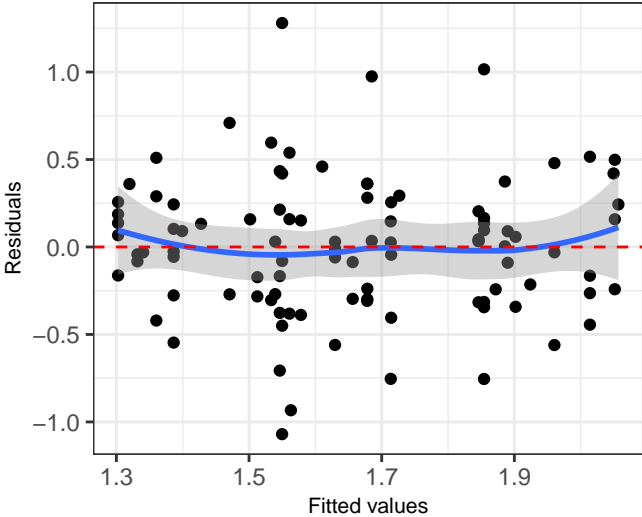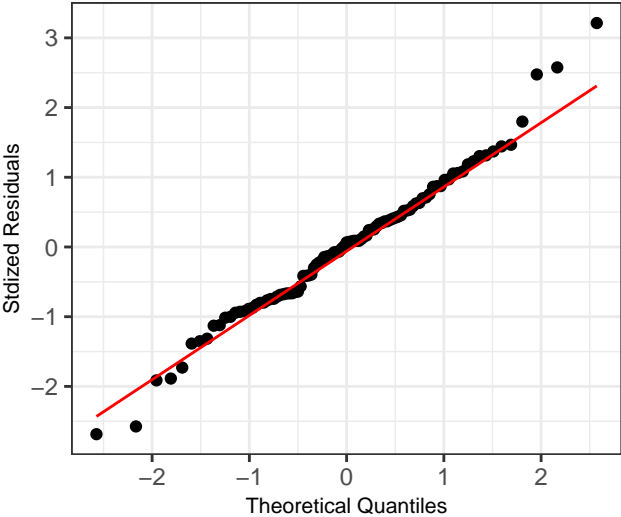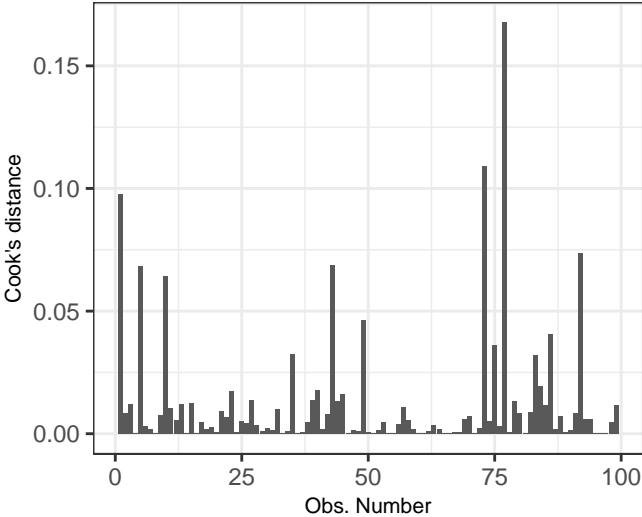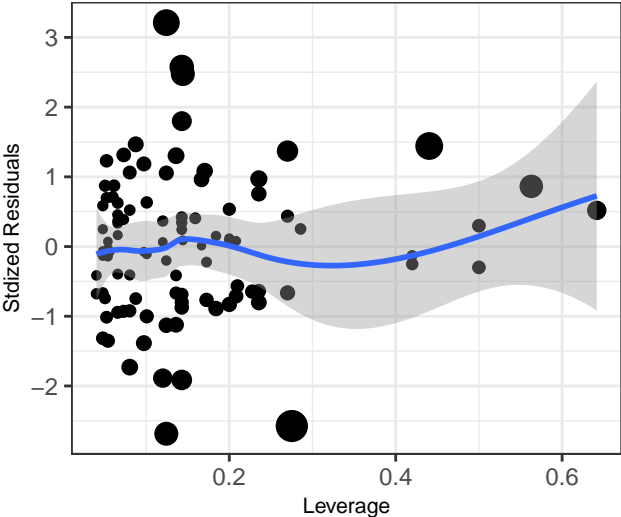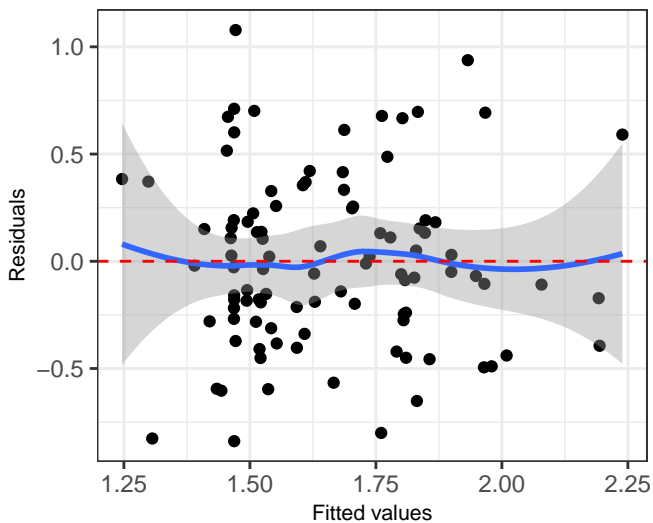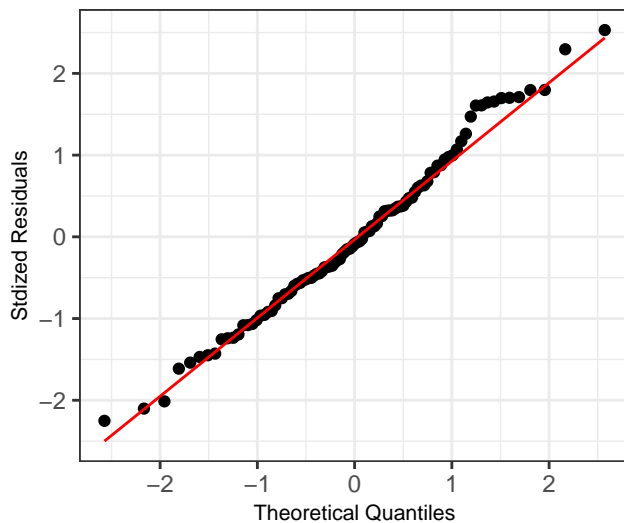## Cook's distance

## Residual vs Leverage Plot

Cook's Distance ● 0.04 ● 0.08 ● 0.12 ●
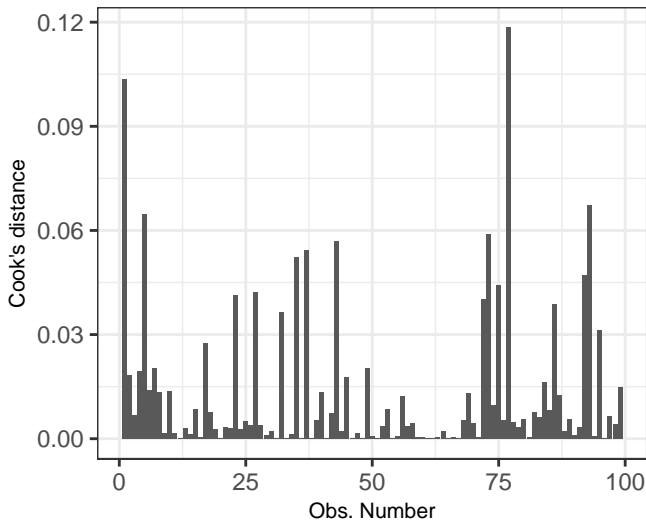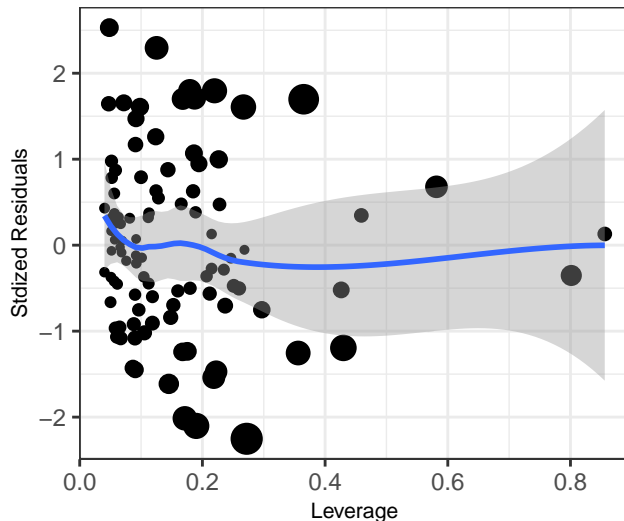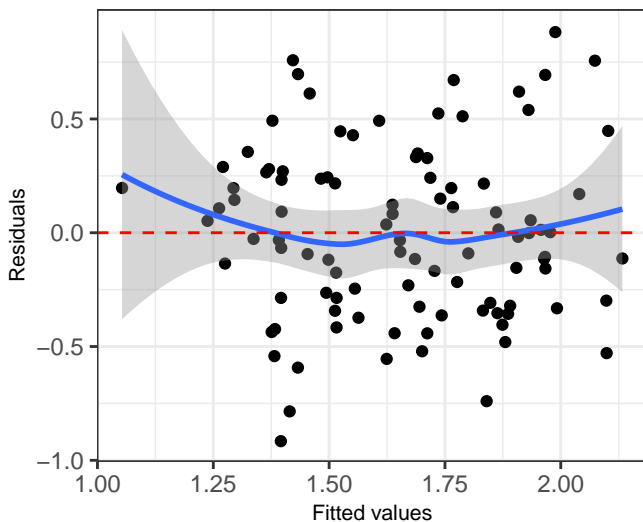
# Diagnostic plots 14



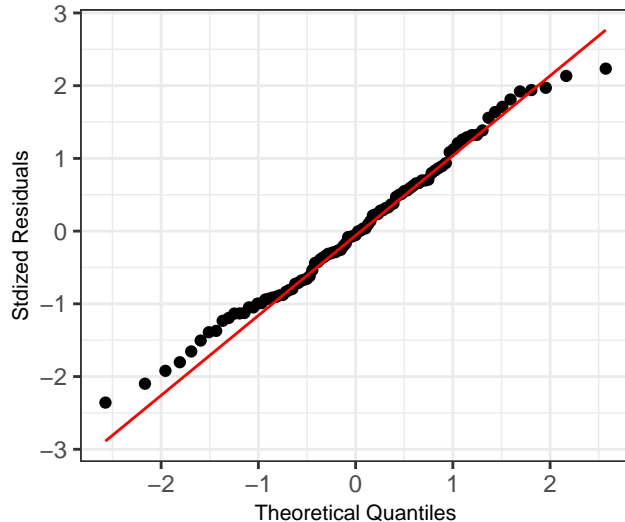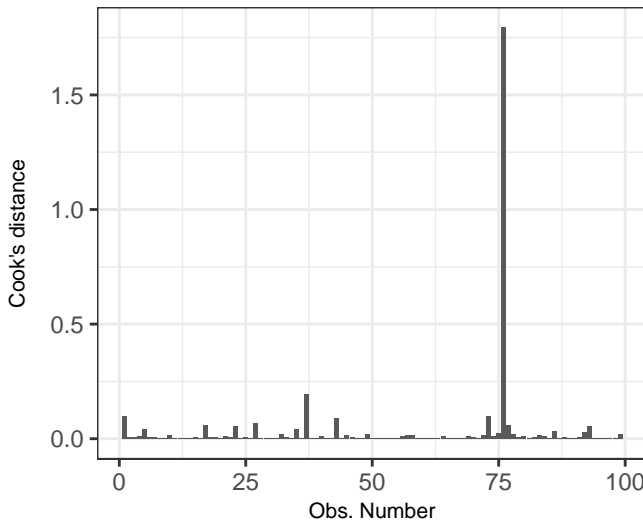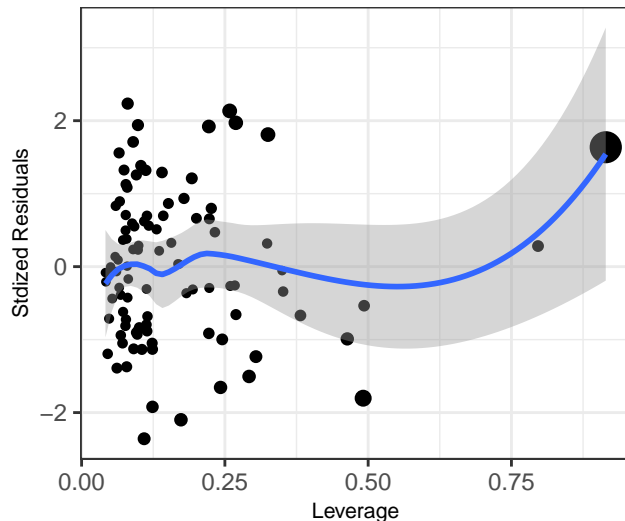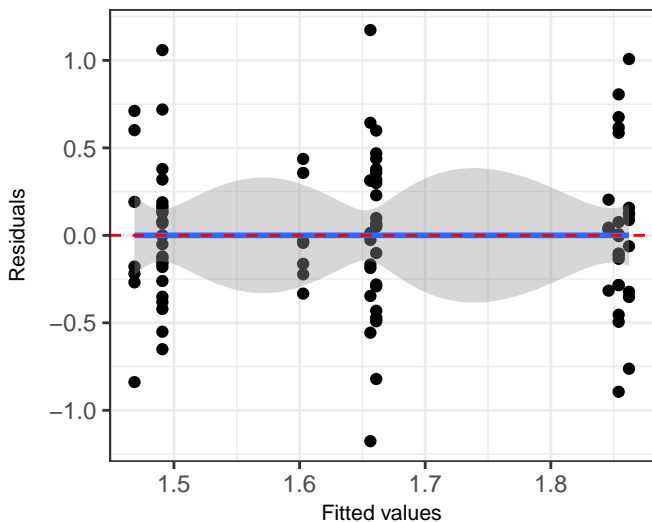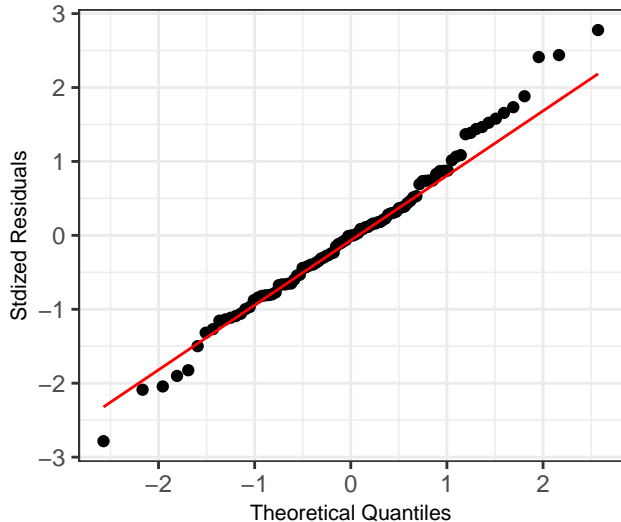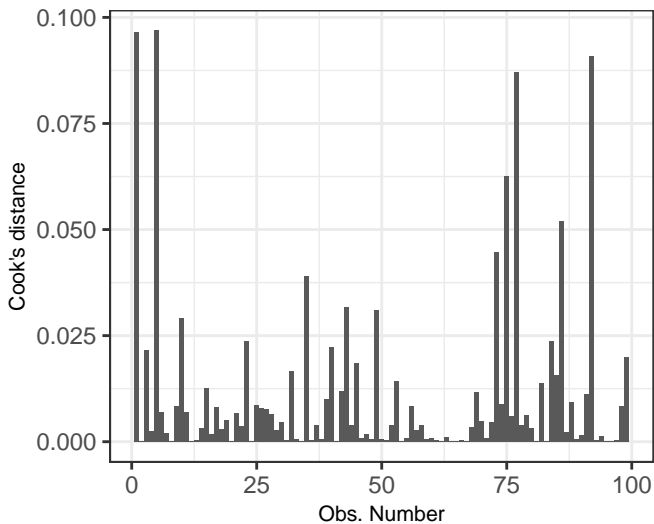Residual vs Fitted Plot · Normal Q–Q · Cook's distance · Residual vs Leverage Plot

# Diagnostic plots 15

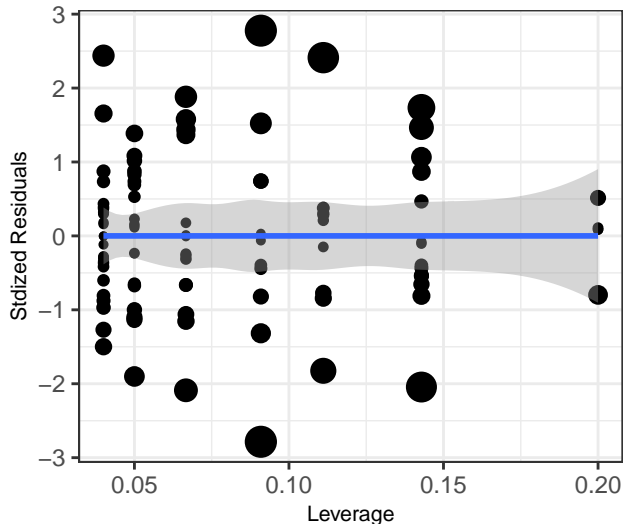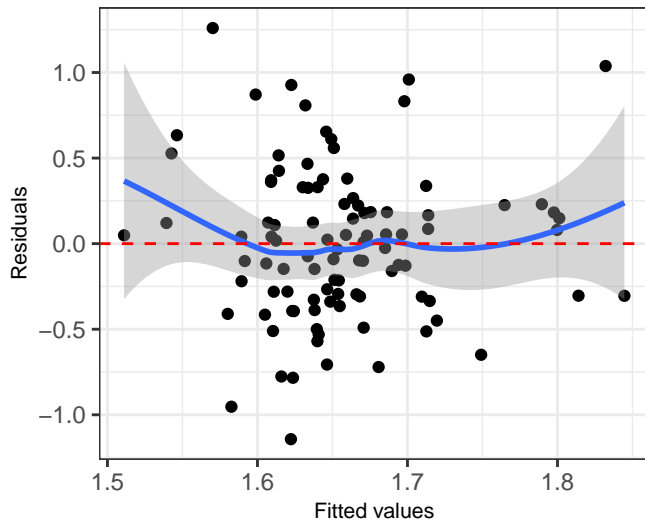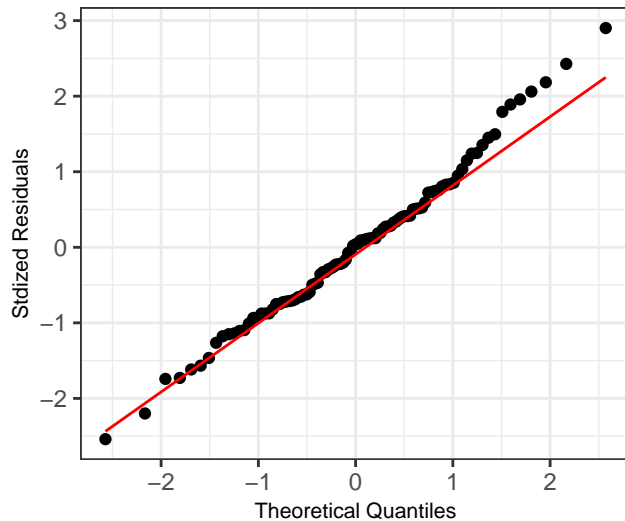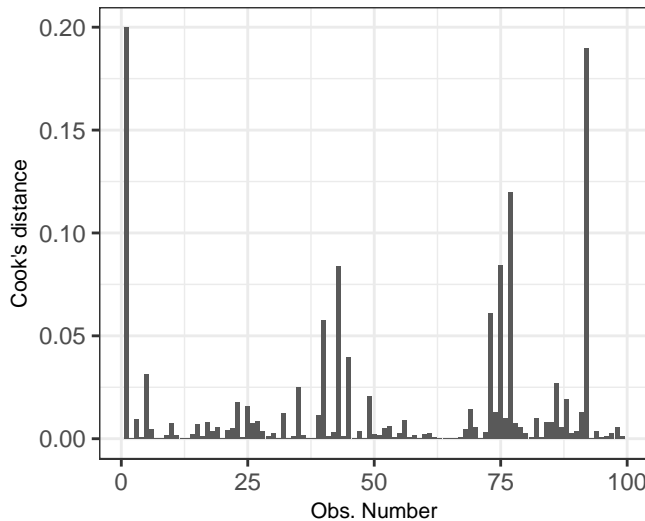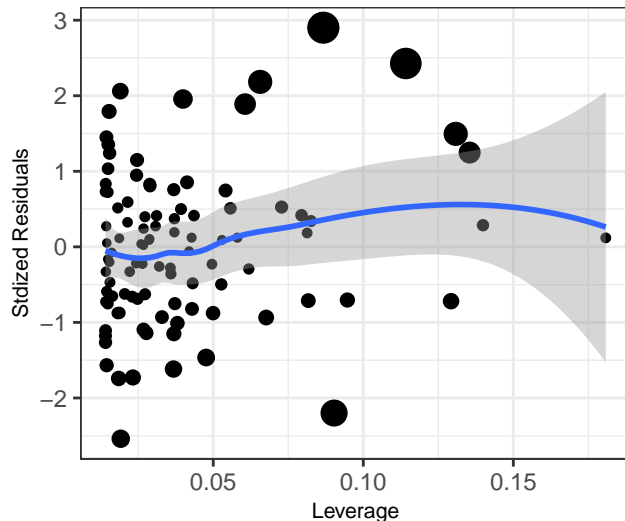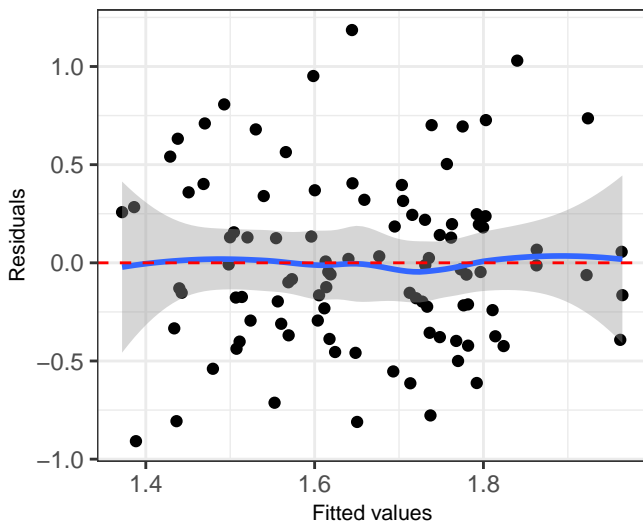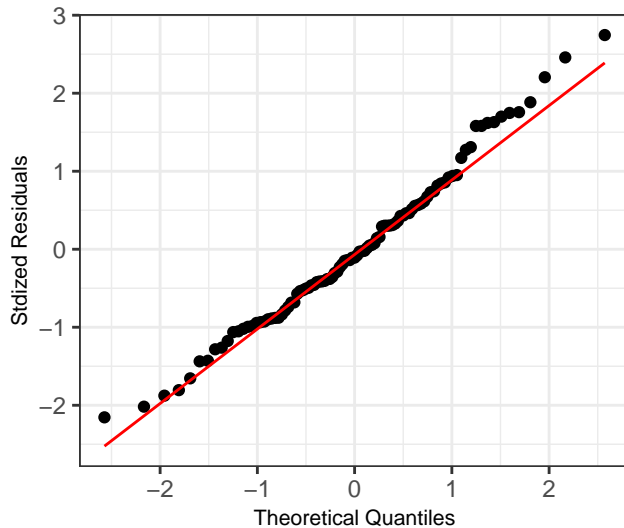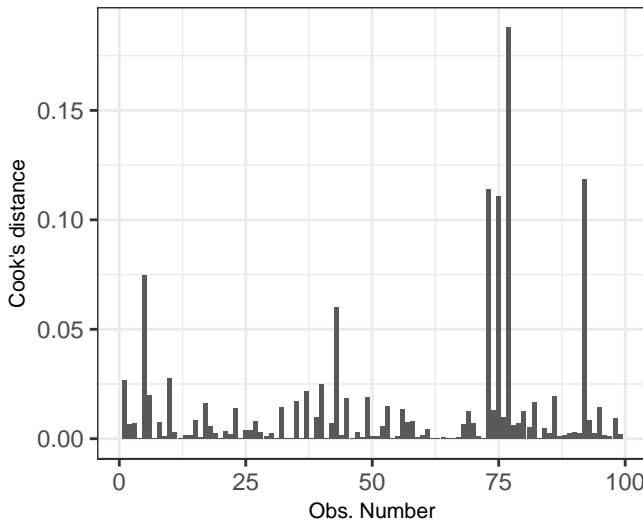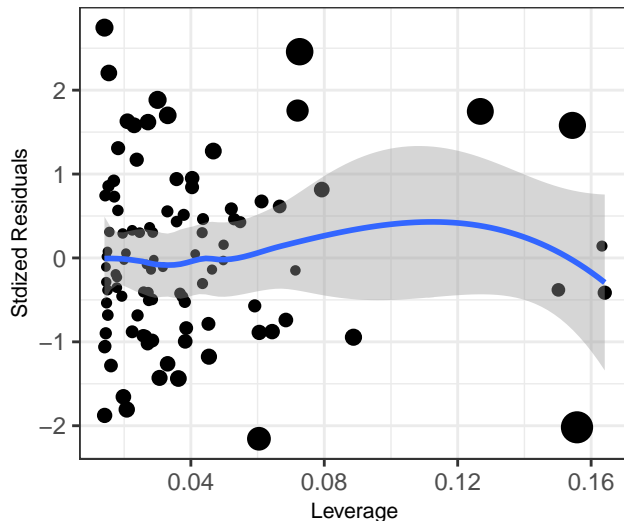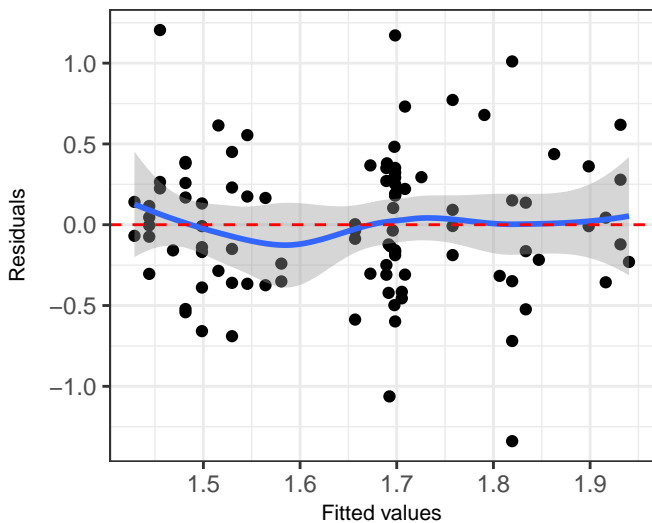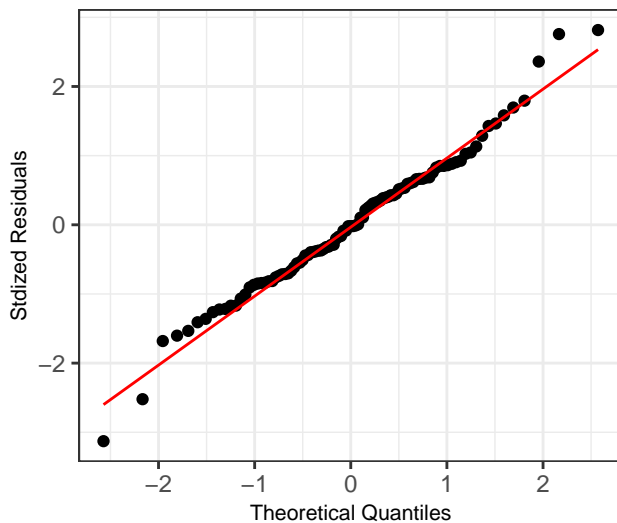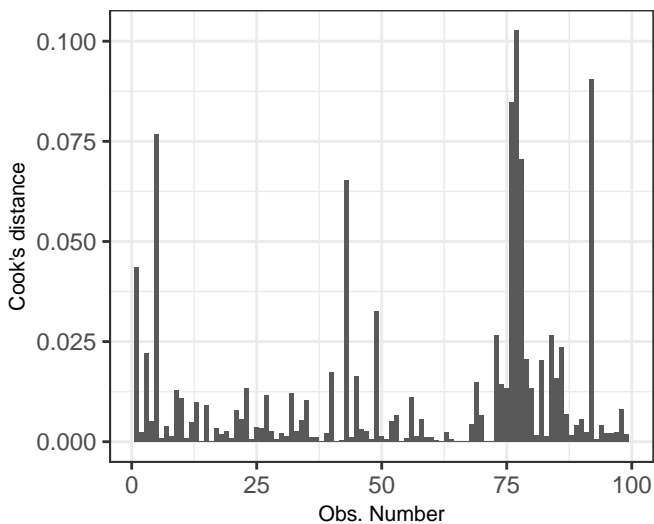# Diagnostic plots 16
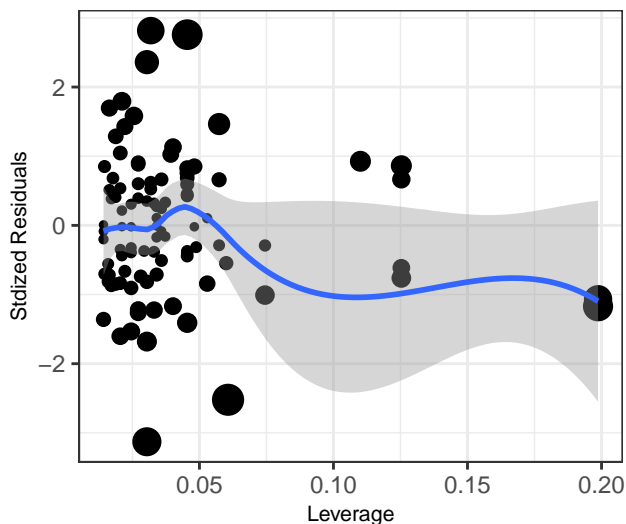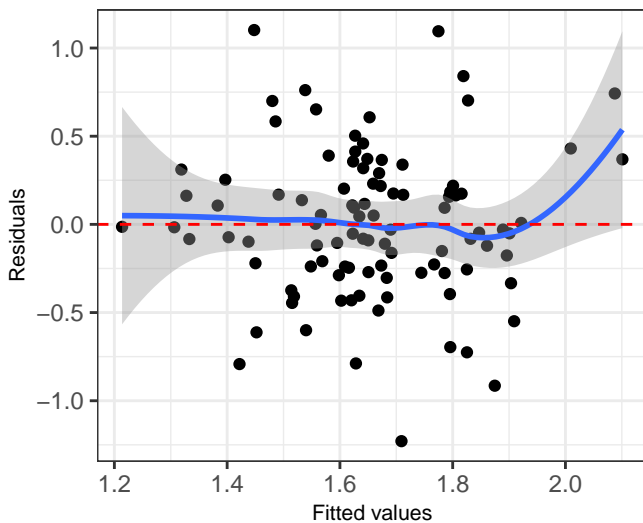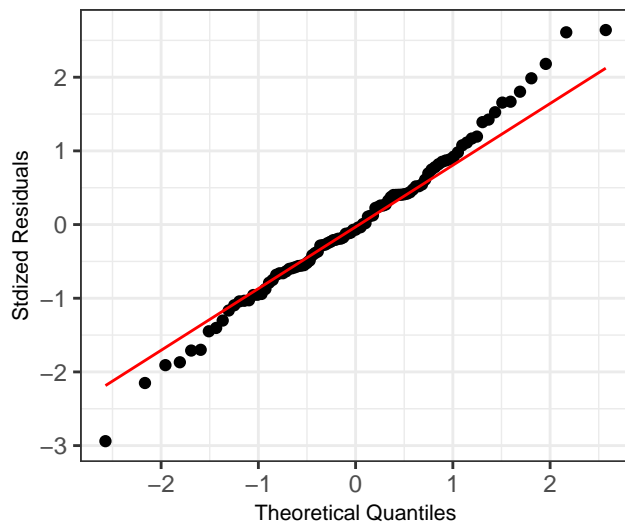


## Residual vs Fitted Plot

## Normal Q–Q

## Cook's distance

## Residual vs Leverage Plot

Cook's Distance ● 0.025 ● 0.050 ● 0.075

Diagnostic plots 17

# Diagnostic plots 18

# Diagnostic plots 19

Diagnostic plots 20

Diagnostic plots 21
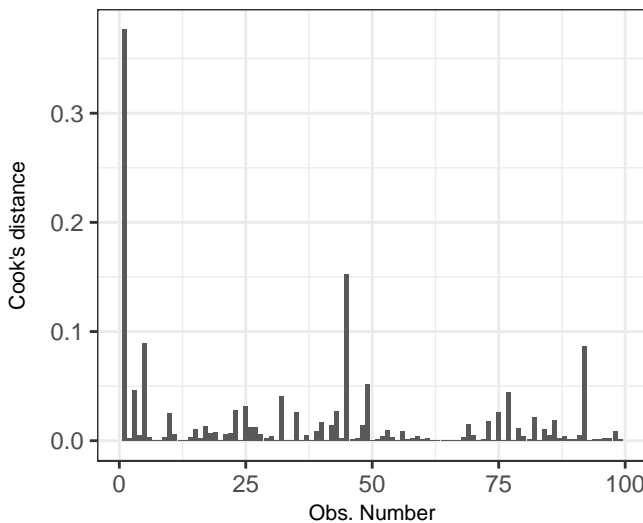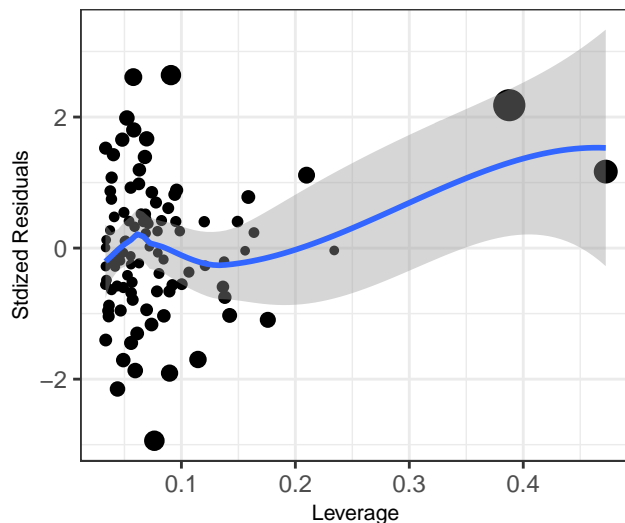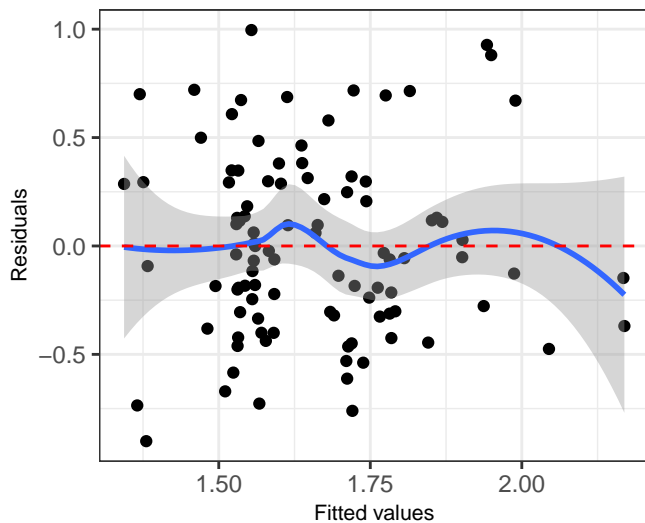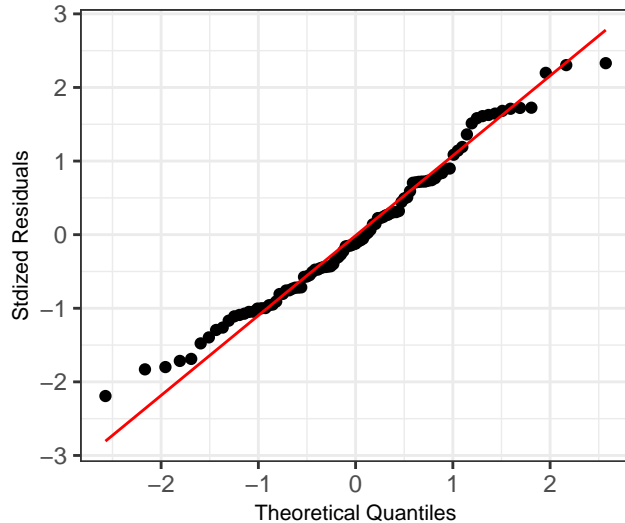
# Diagnostic plots 22

# Diagnostic plots 23

## Residual vs Fitted Plot

## Normal Q–Q

## Cook's distance

## Residual vs Leverage Plot

Cook's Distance ● 0.04 ● 0.08 ● 0.12 ●

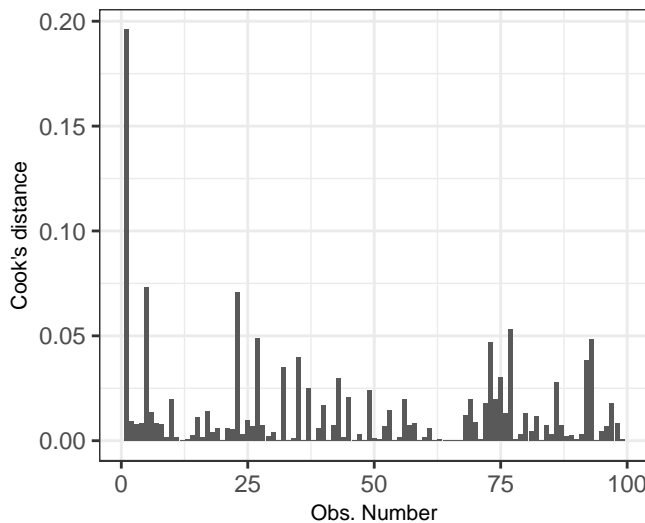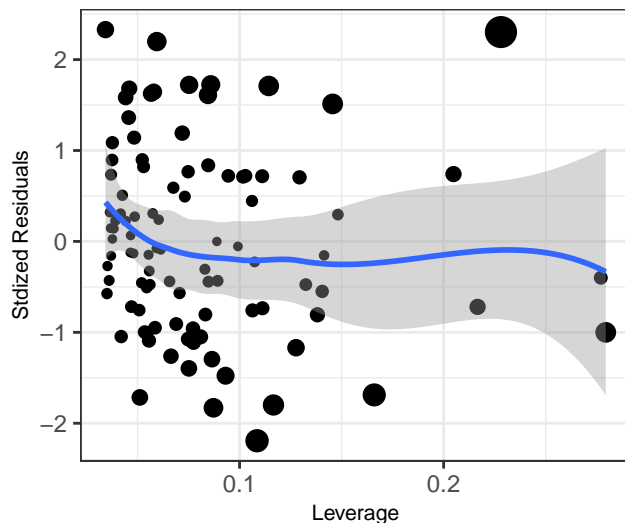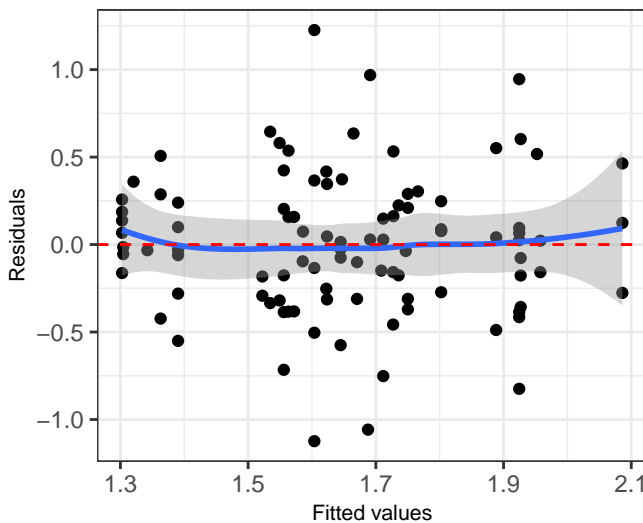# Diagnostic plots 24

# Diagnostic plots 25

# Diagnostic plots 26



Residual vs Fitted Plot · Normal Q–Q · Cook's distance · Residual vs Leverage Plot

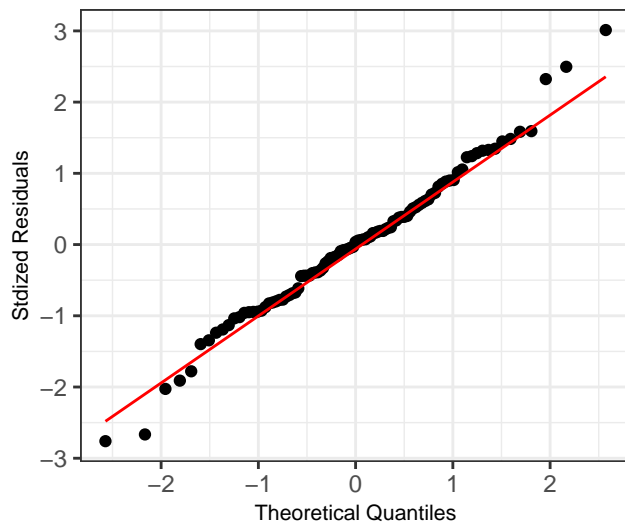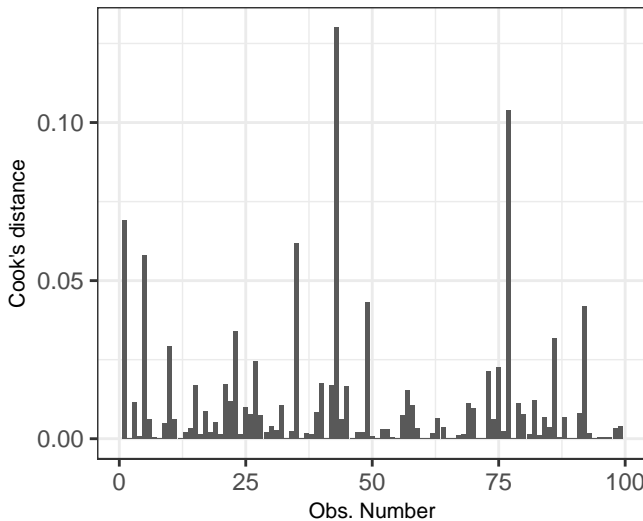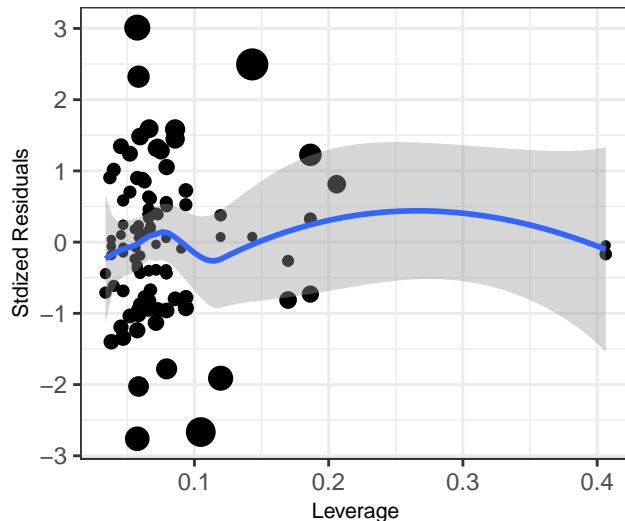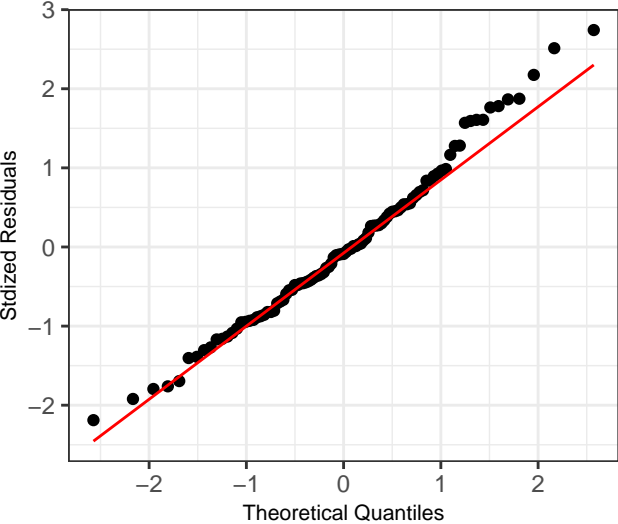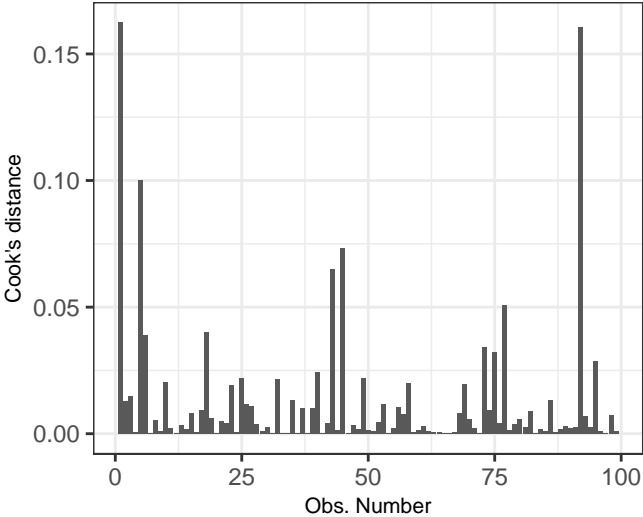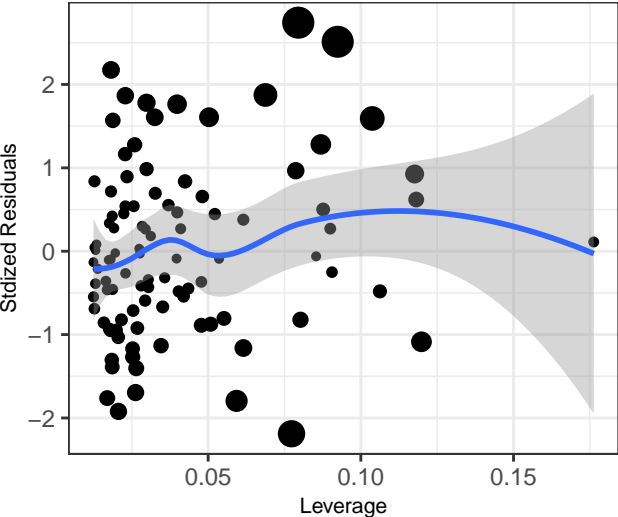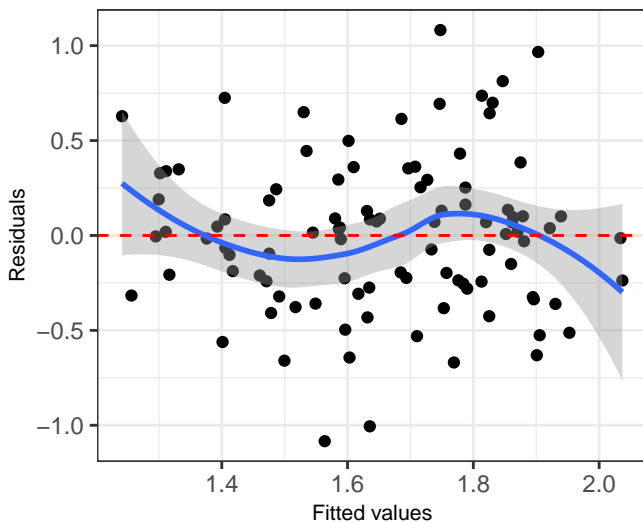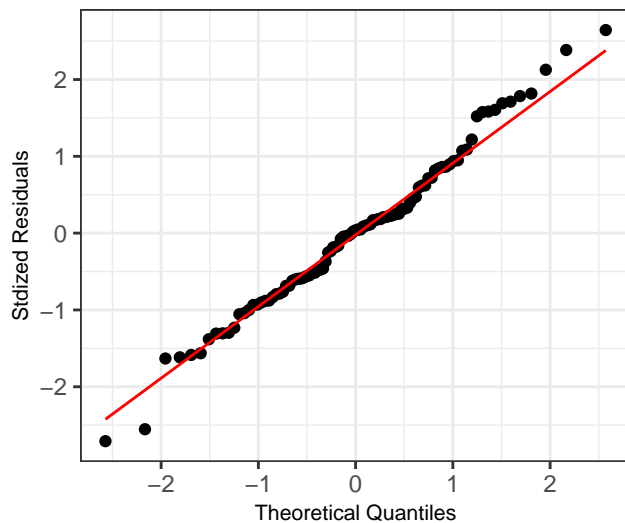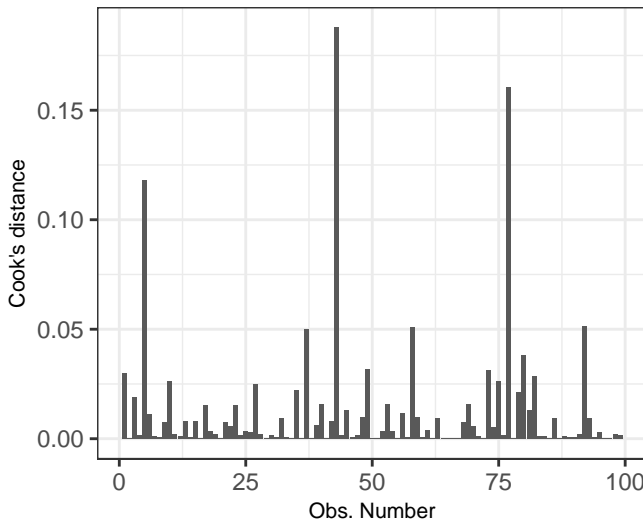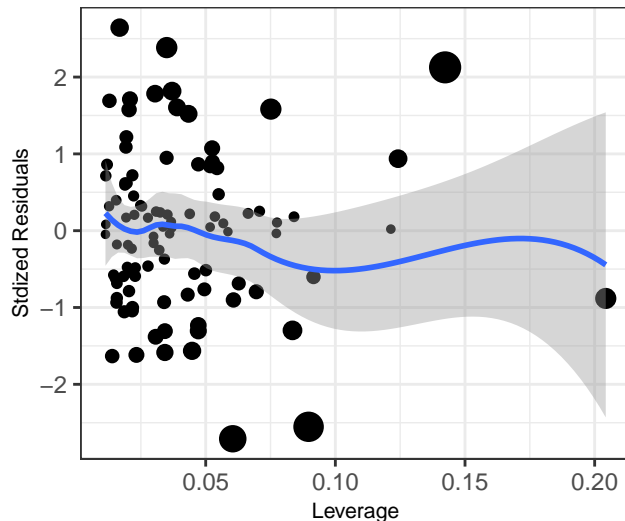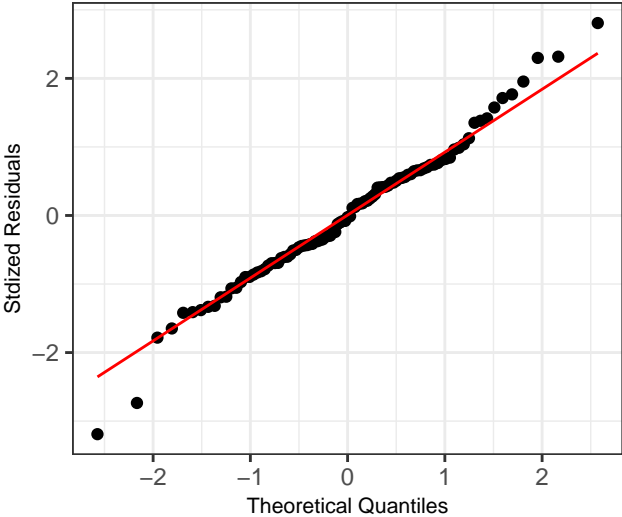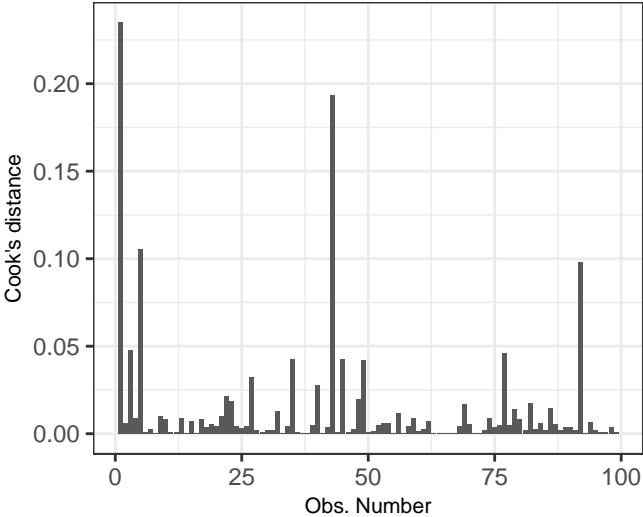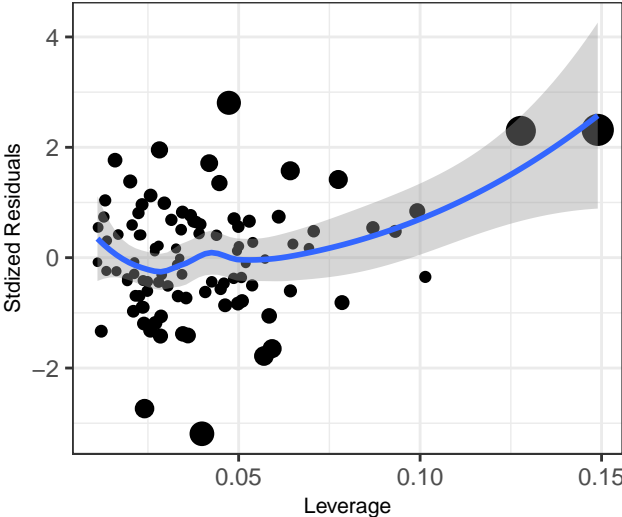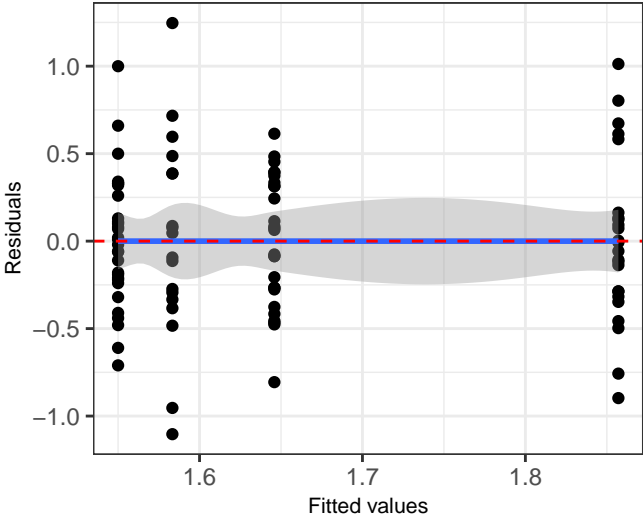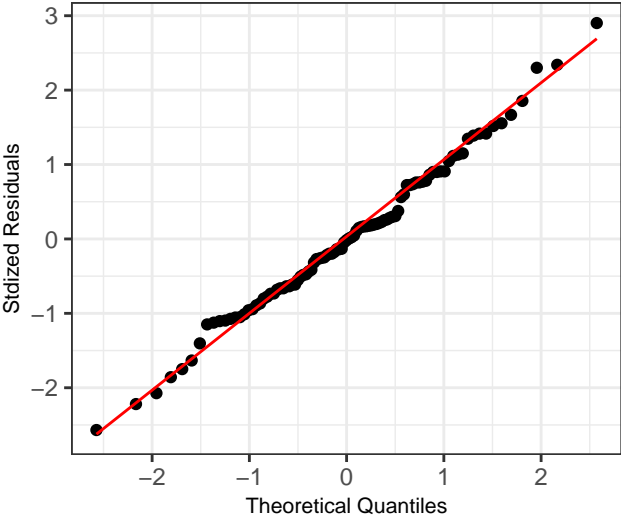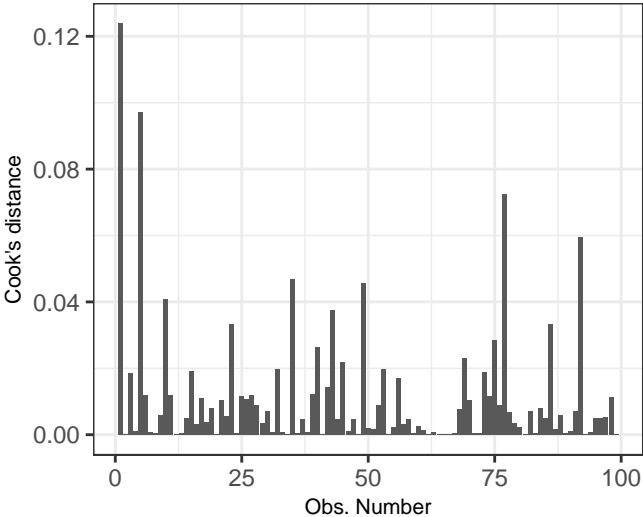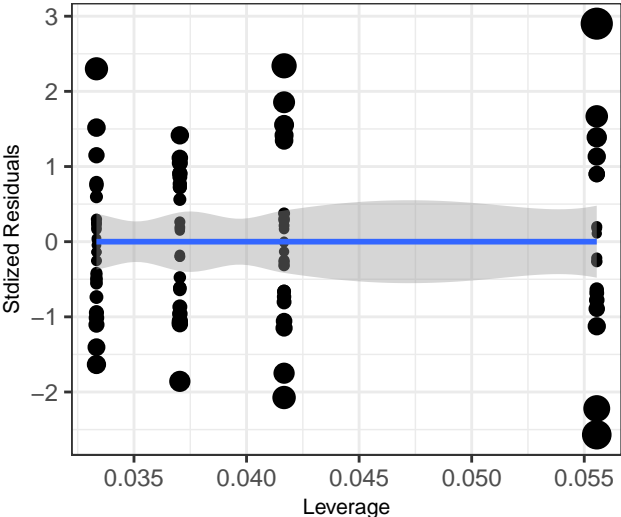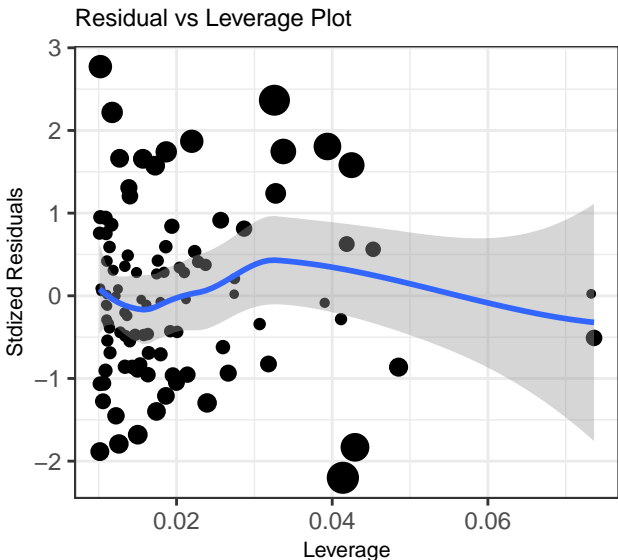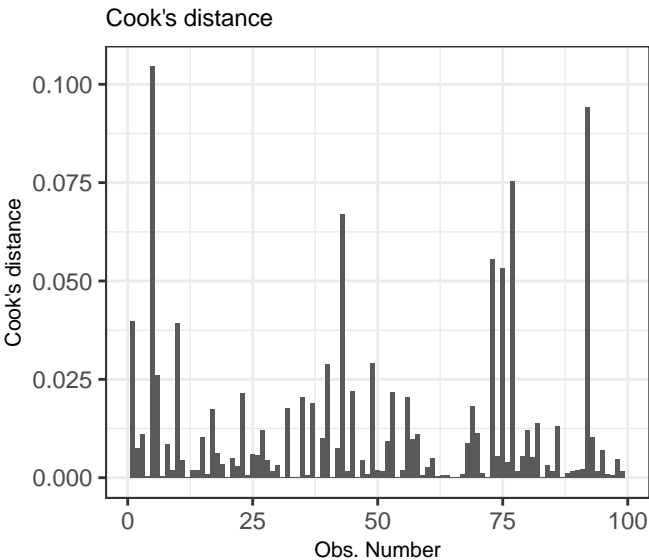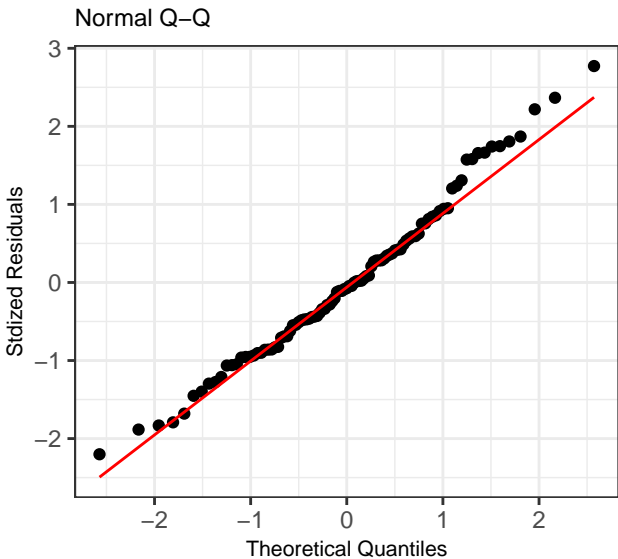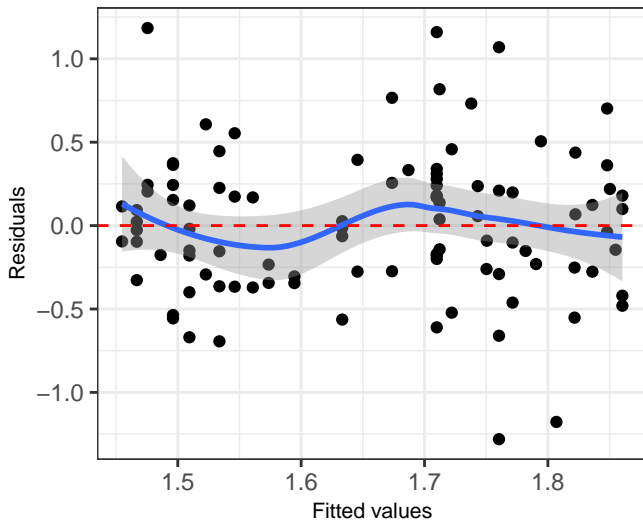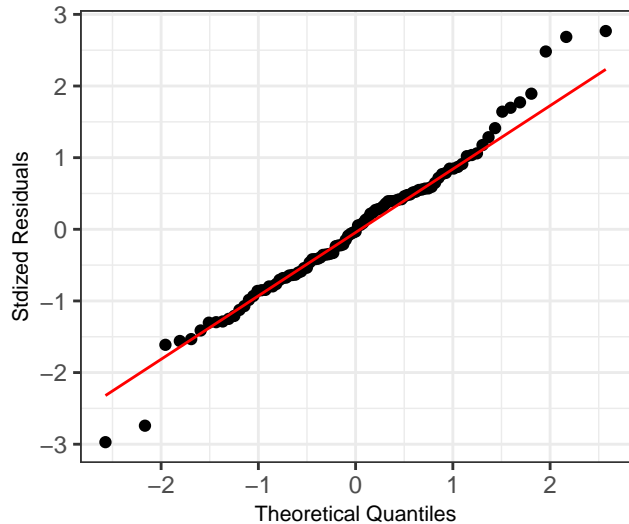Cook's Distance ● 0.03 ● 0.06 ● 0.09 ●

# Diagnostic plots 27

# Diagnostic plots 28

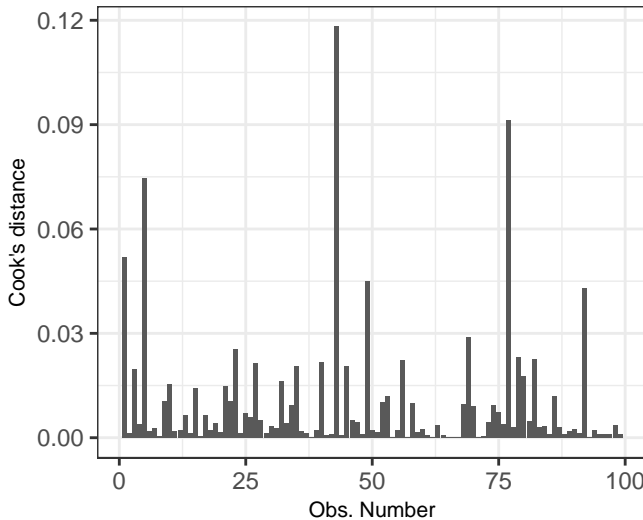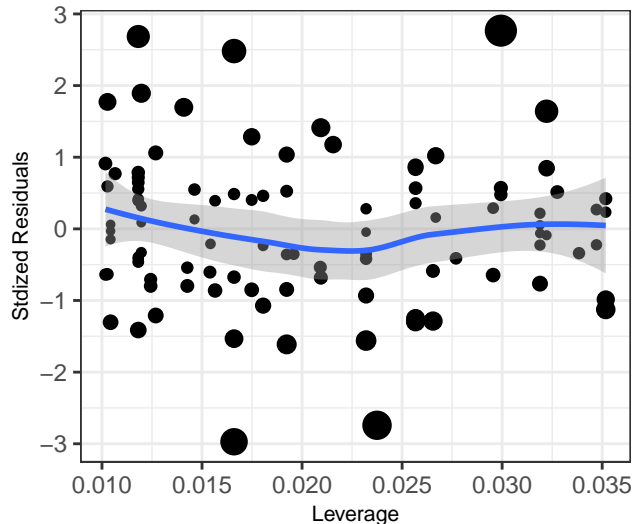# Diagnostic plots 29

# Diagnostic plots 30

### Residual vs Fitted Plot
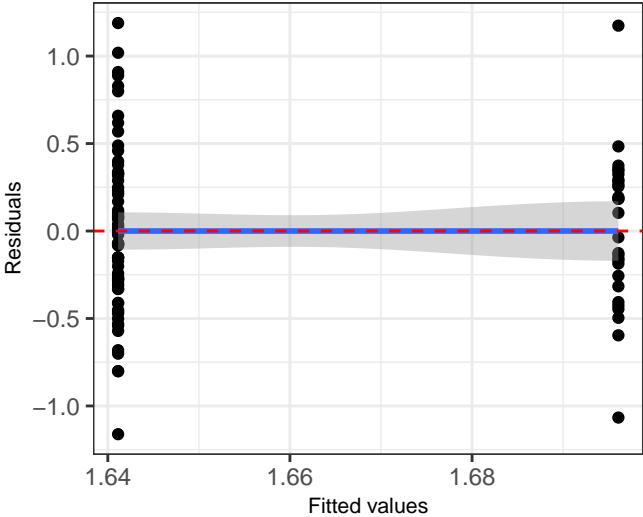


### Normal Q–Q



### Cook's distance



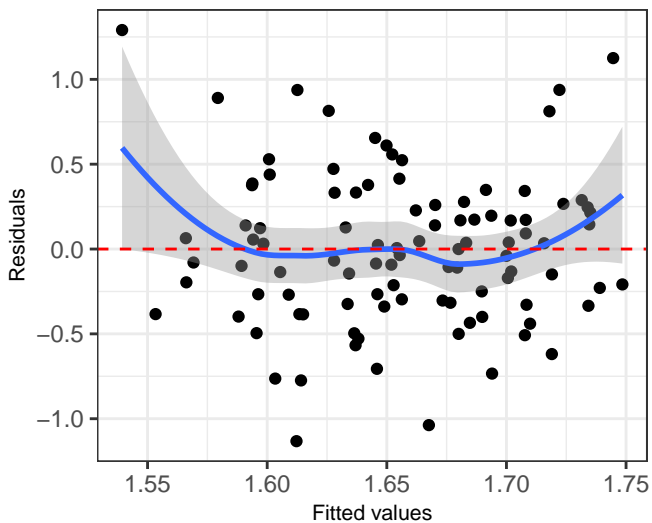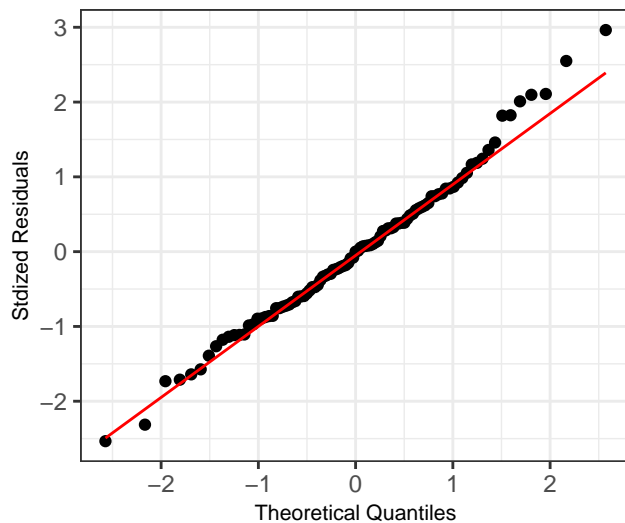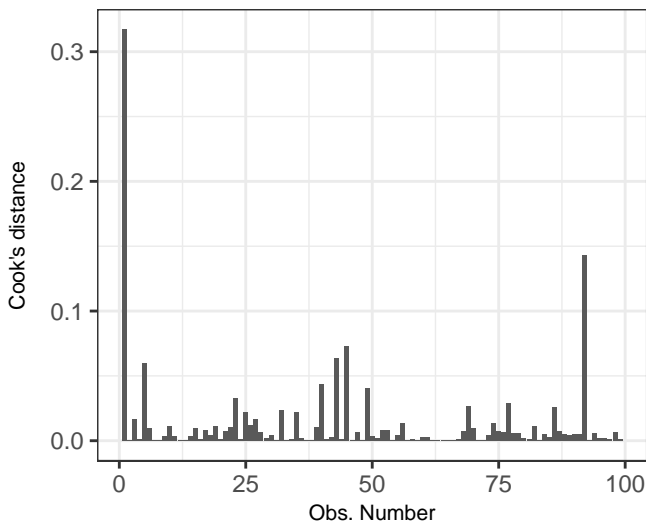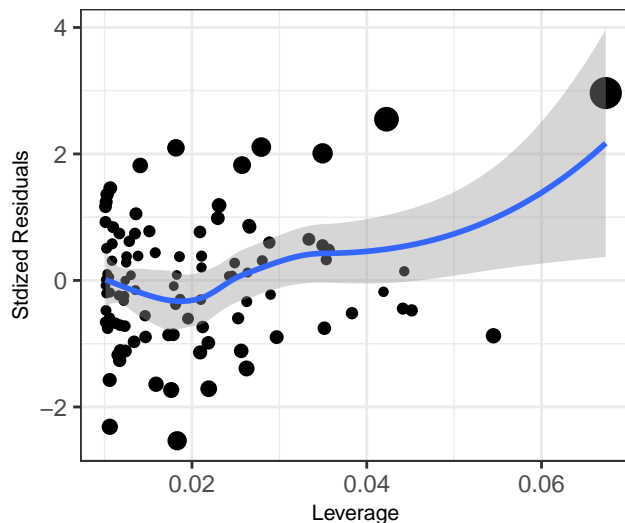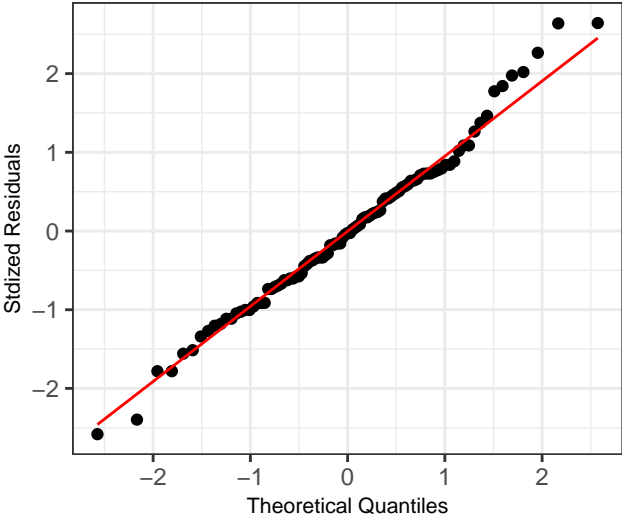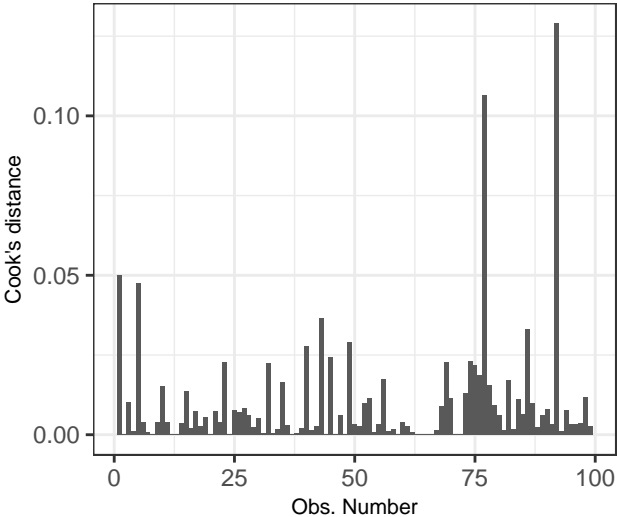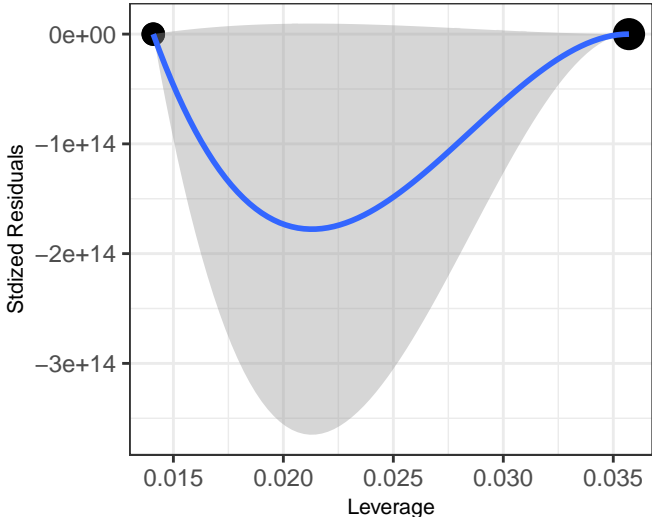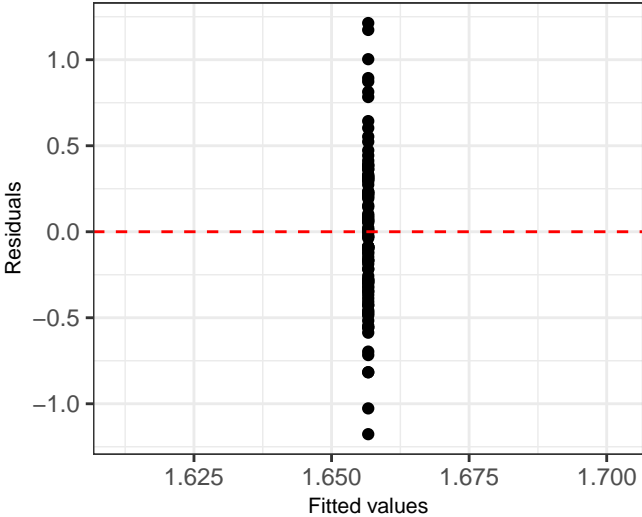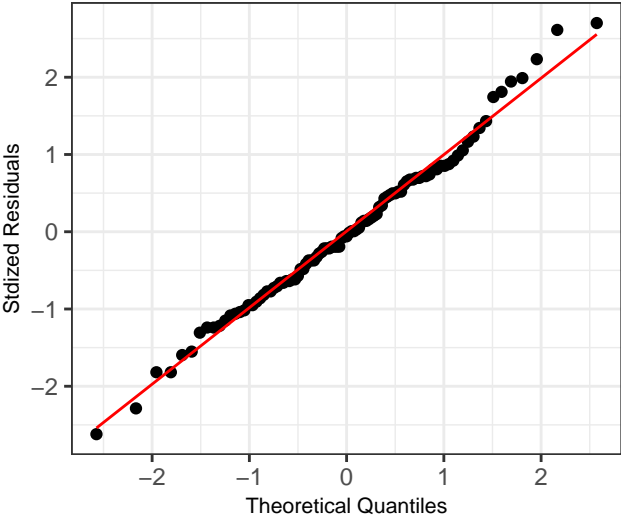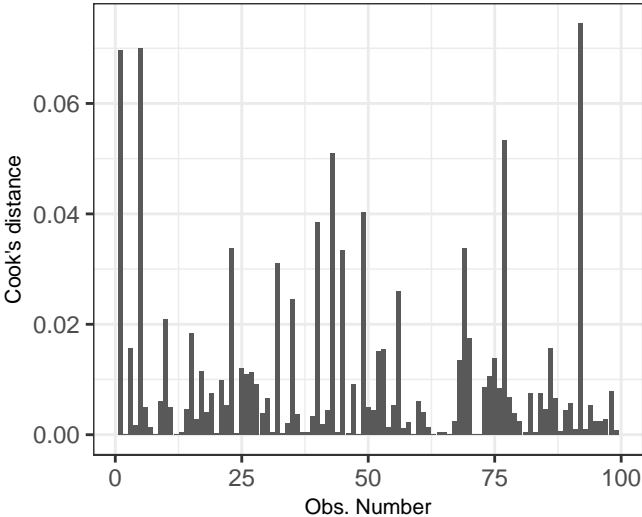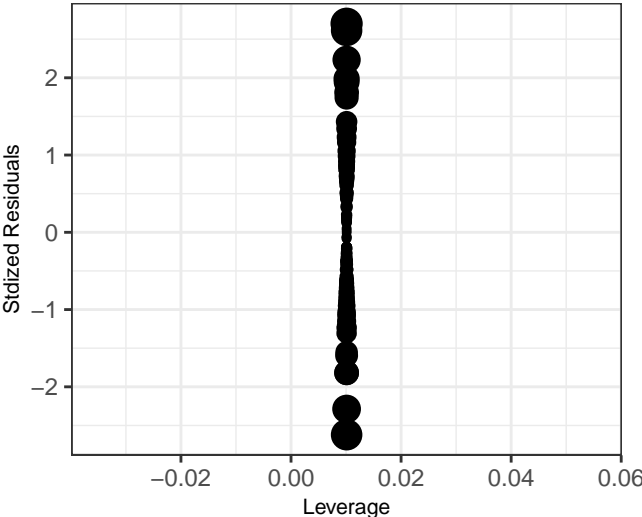### Residual vs Leverage Plot



Cook's Distance ● 0.025 ● 0.050 ● 0.075 ● 0.10

# Diagnostic plots 31