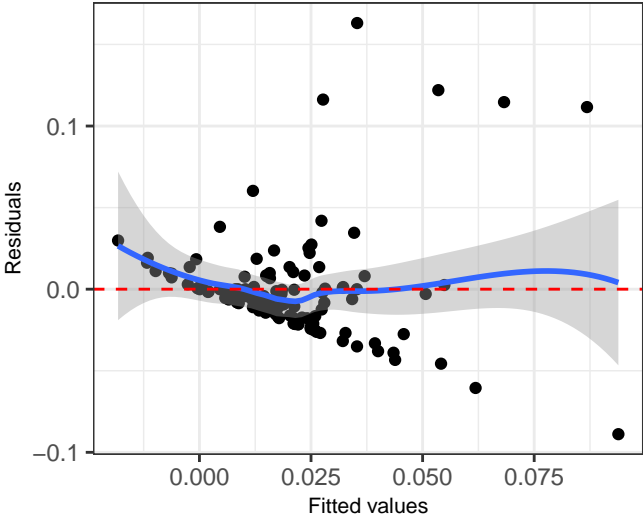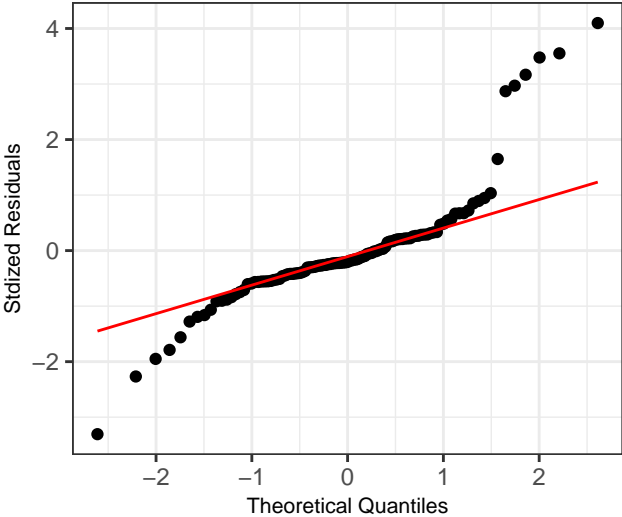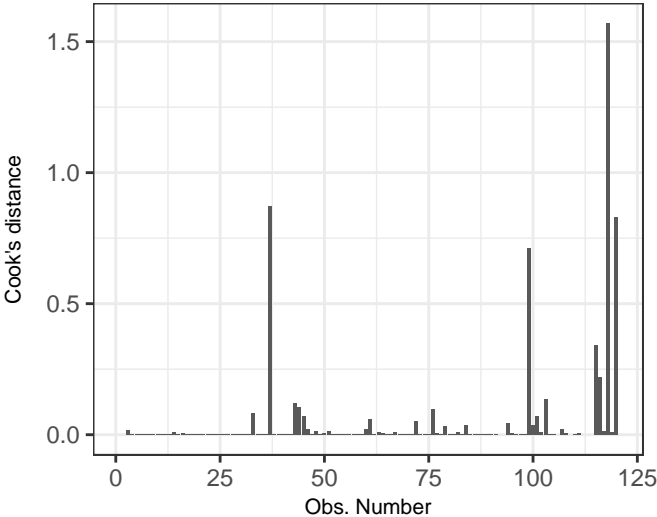# Diagnostic plots 1



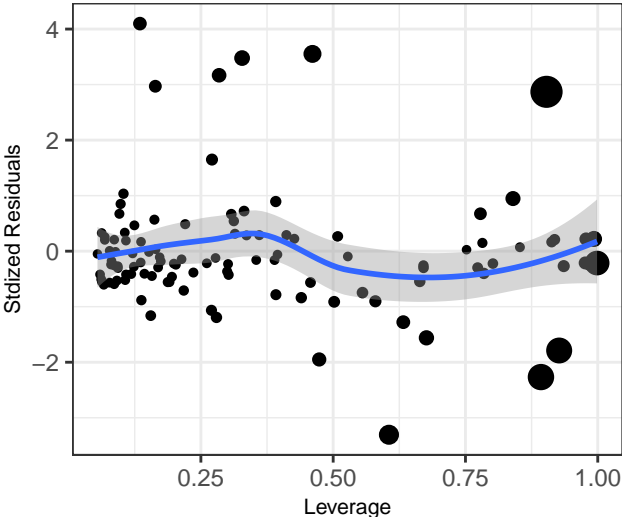Residual vs Fitted Plot · Normal Q–Q · Cook's distance · Residual vs Leverage Plot
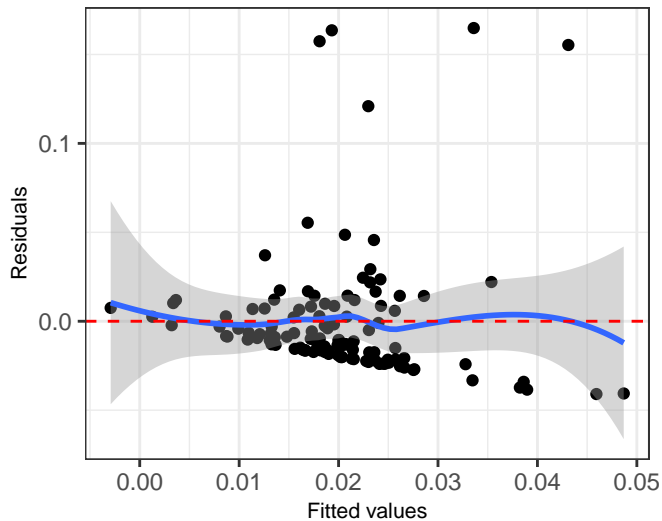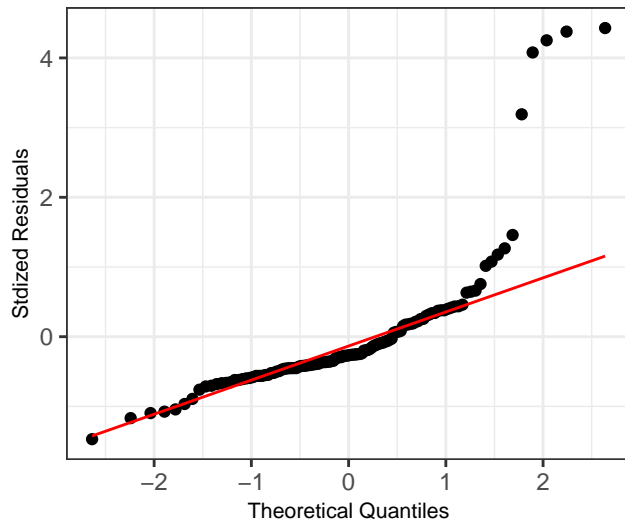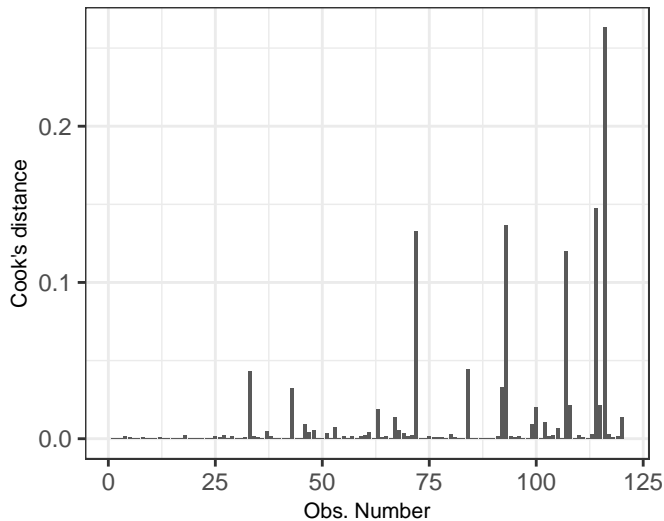
# Diagnostic plots 2

# Diagnostic plots 3

# Diagnostic plots 4

# Diagnostic plots 5

# Diagnostic plots 6
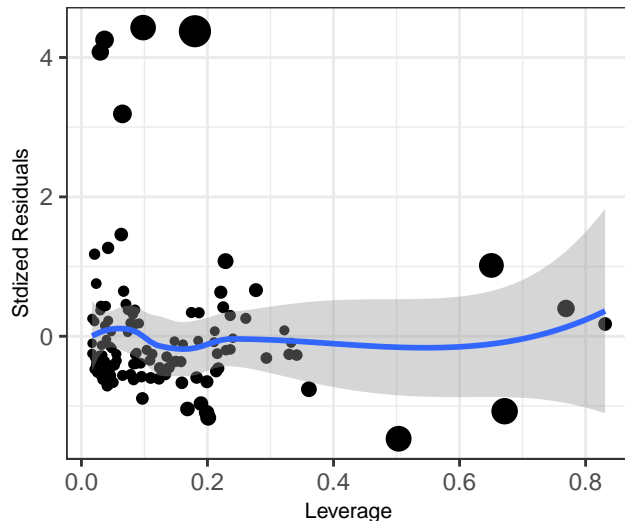


**Residual vs Fitted Plot**
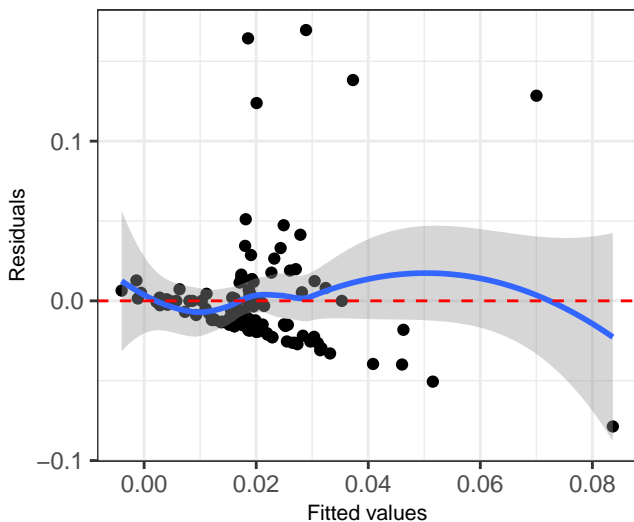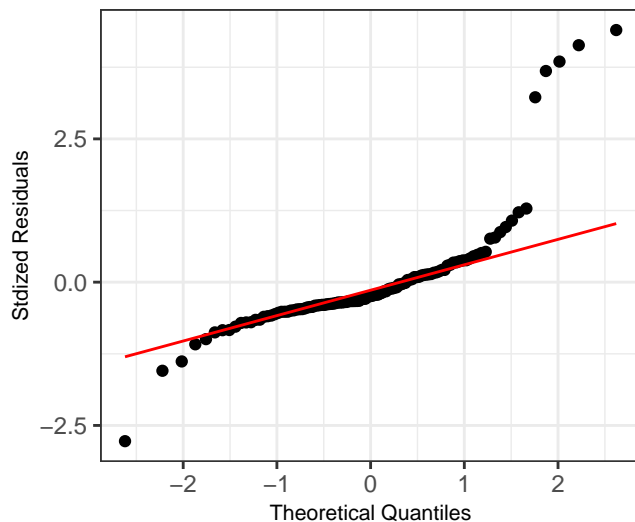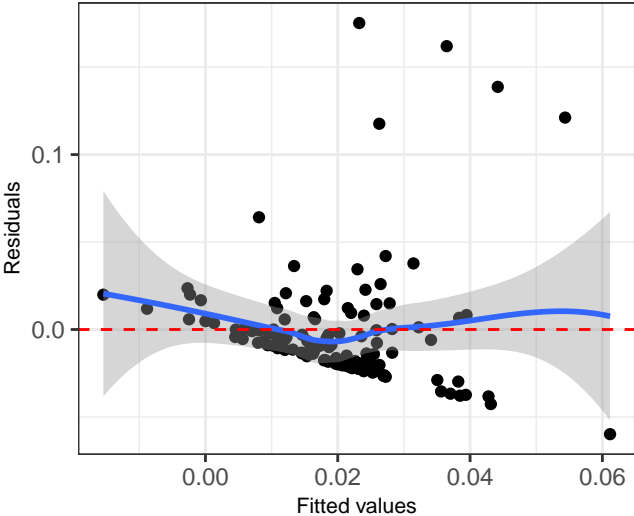
**Normal Q–Q**

**Cook's distance**

**Residual vs Leverage Plot**

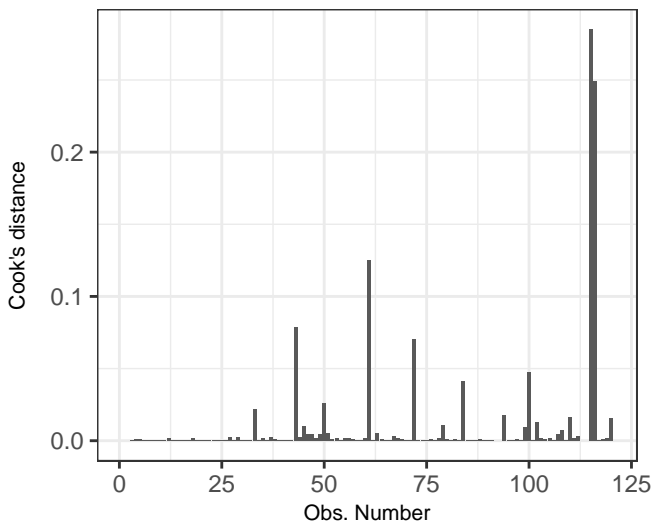Cook's Distance ● 0.1 ● 0.2 ● 0.3 ● 0.

# Diagnostic plots 7



## Residual vs Fitted Plot

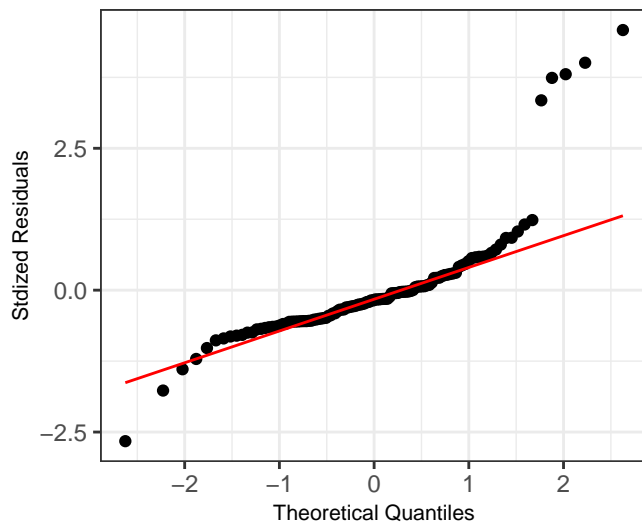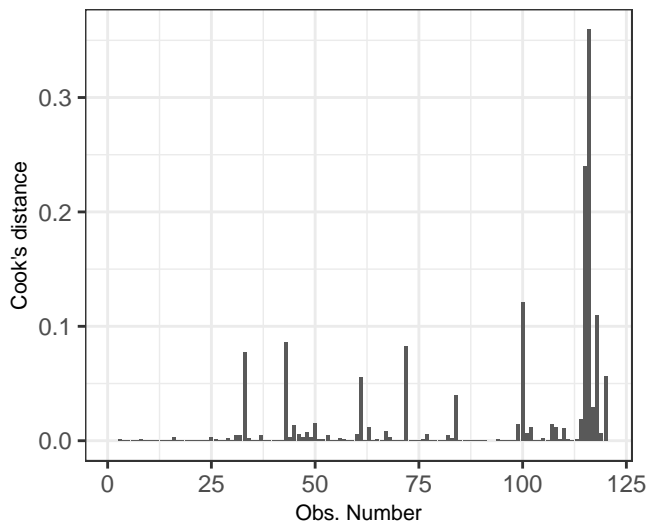## Normal Q–Q

## Cook's distance

## Residual vs Leverage Plot

# Diagnostic plots 8
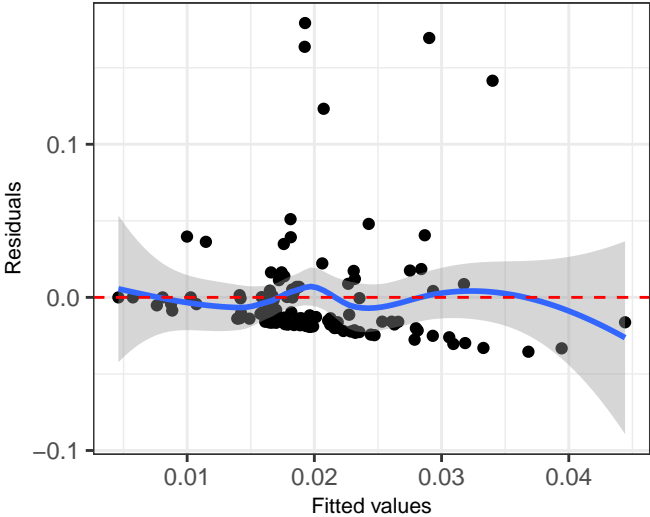
# Diagnostic plots 9

# Diagnostic plots 10

# Diagnostic plots 11

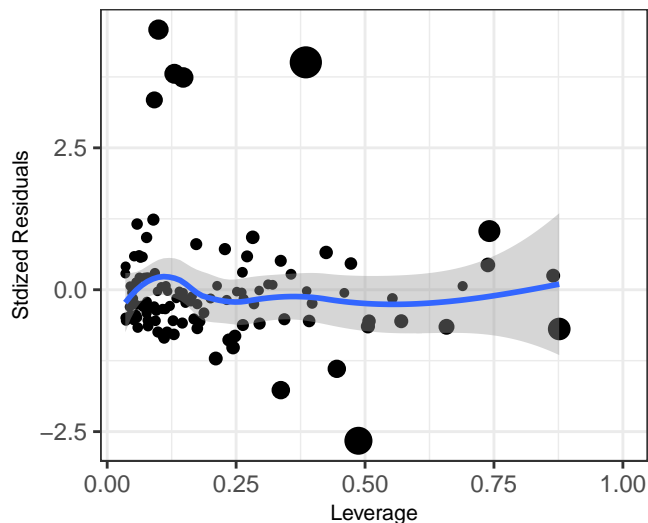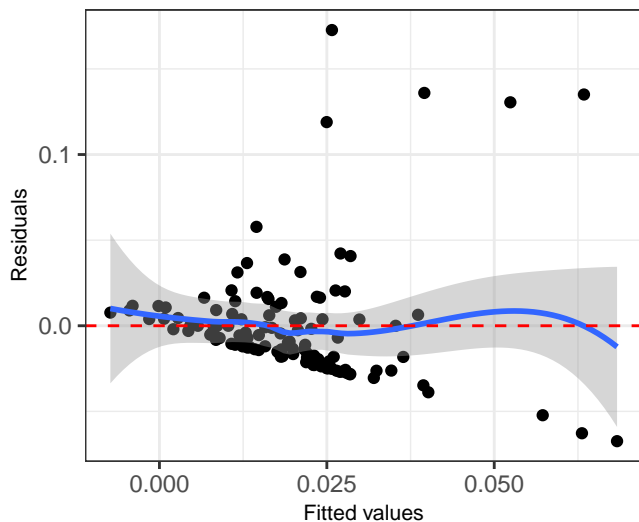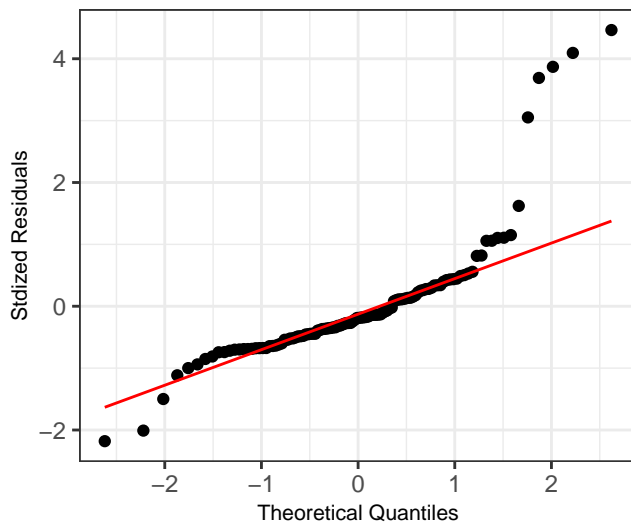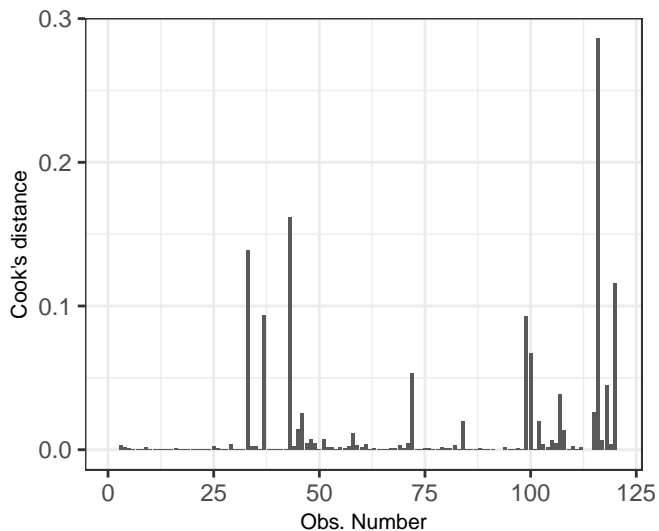# Diagnostic plots 12



Residual vs Fitted Plot
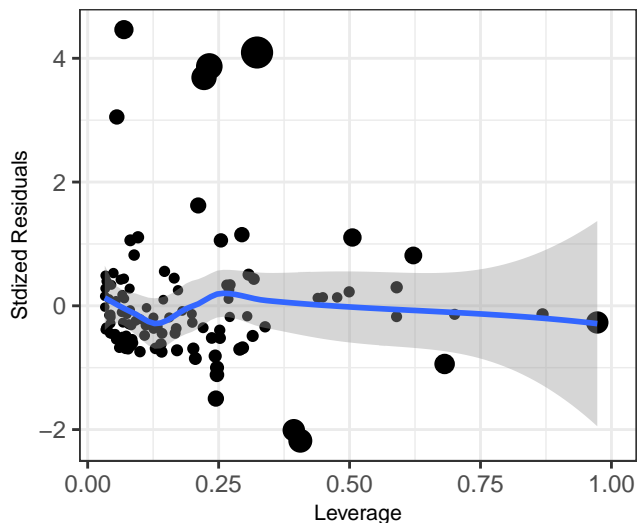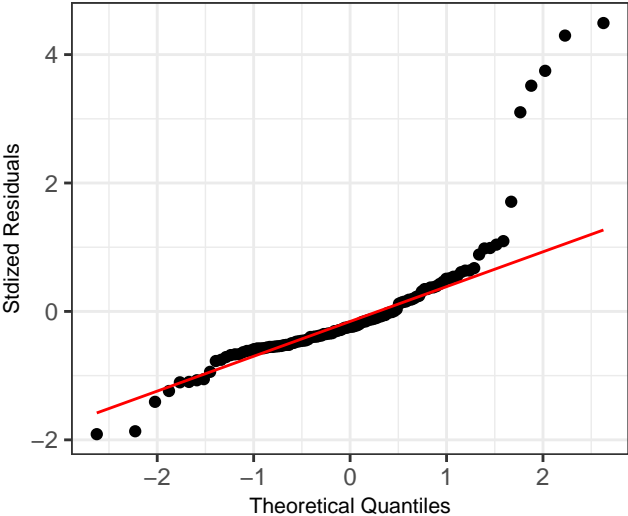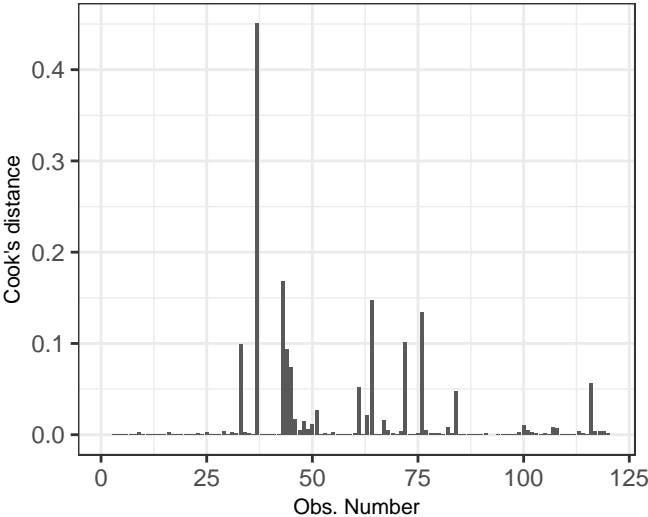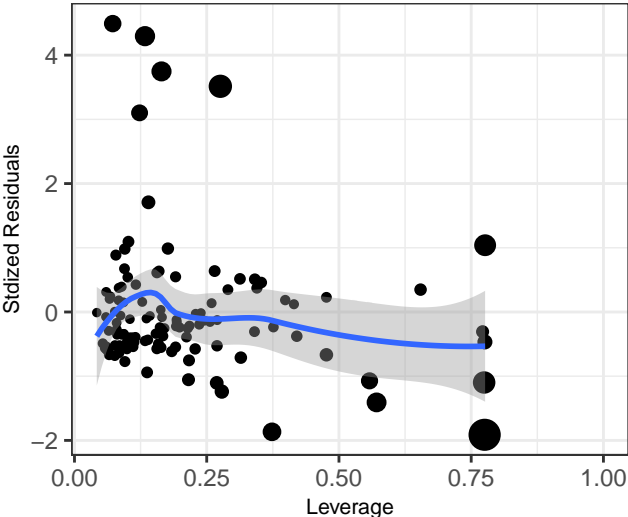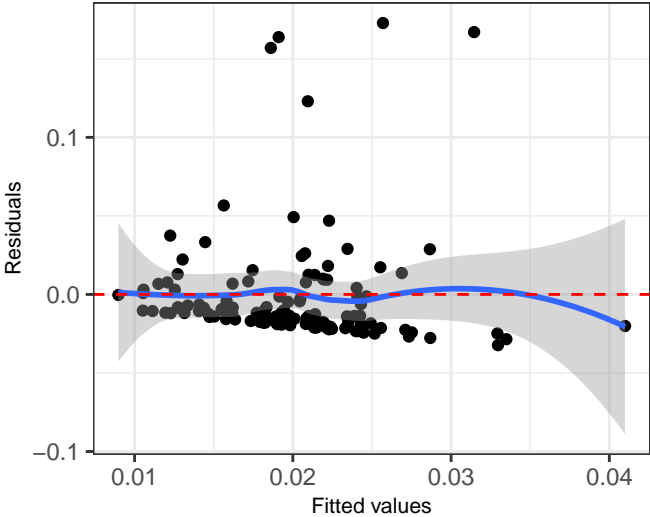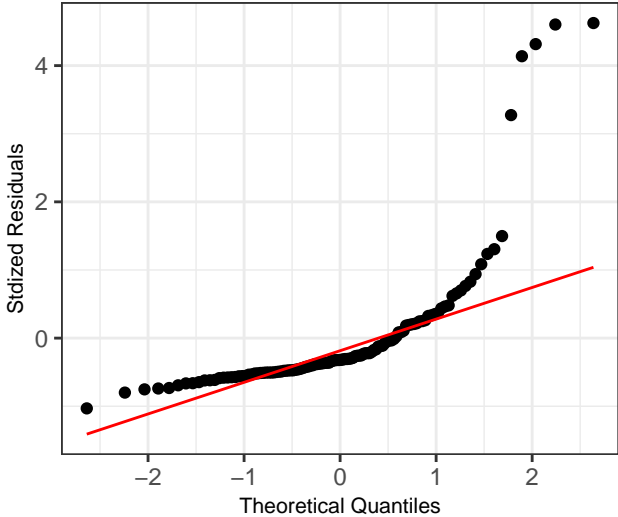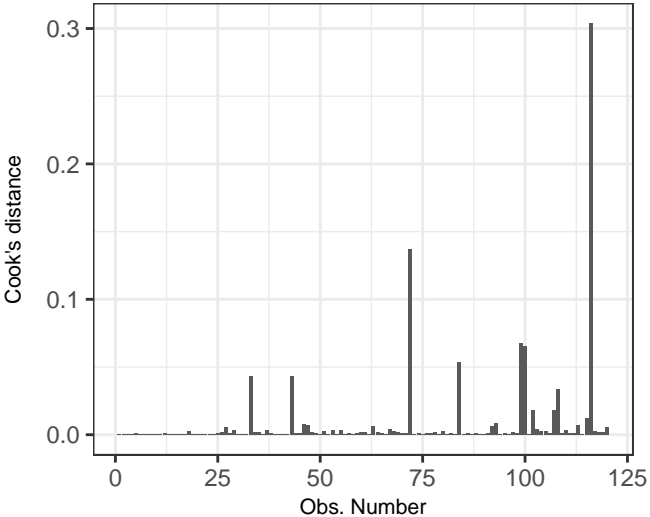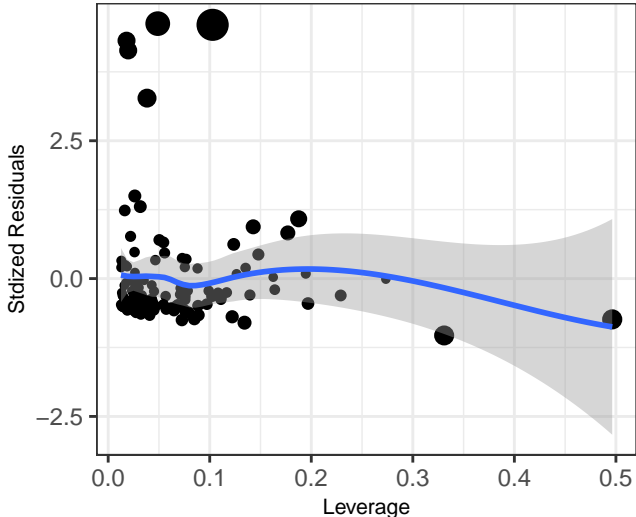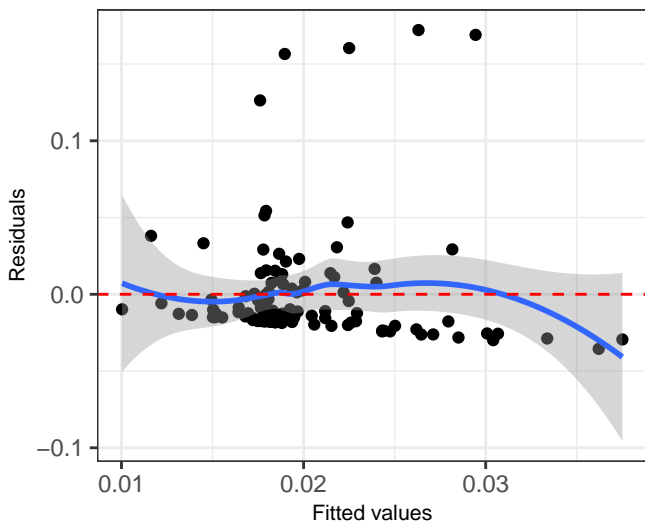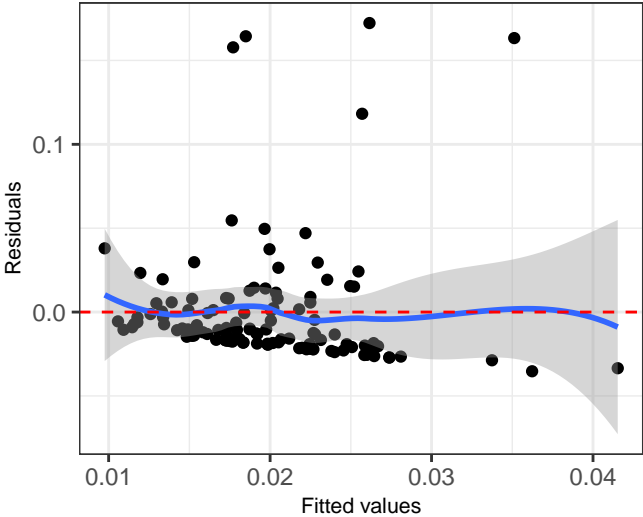
Normal Q–Q

Cook's distance

Residual vs Leverage Plot

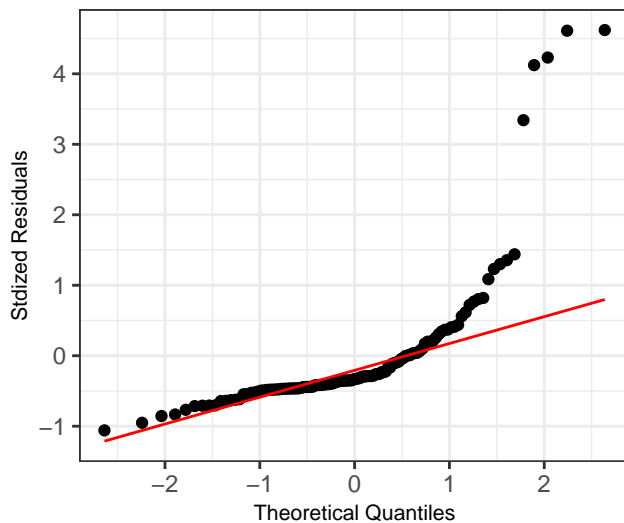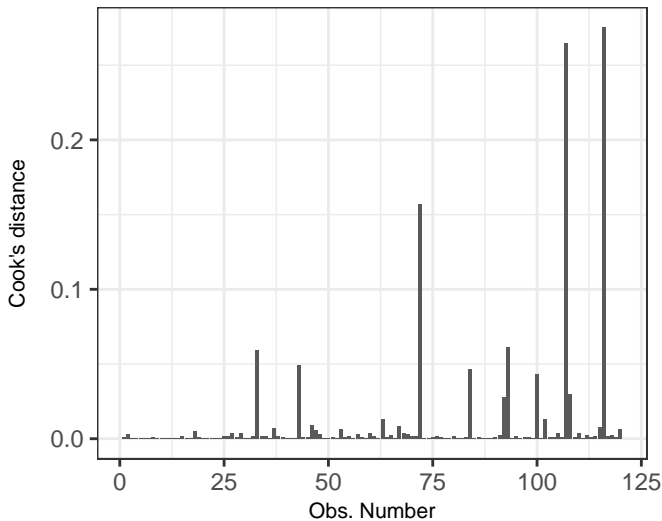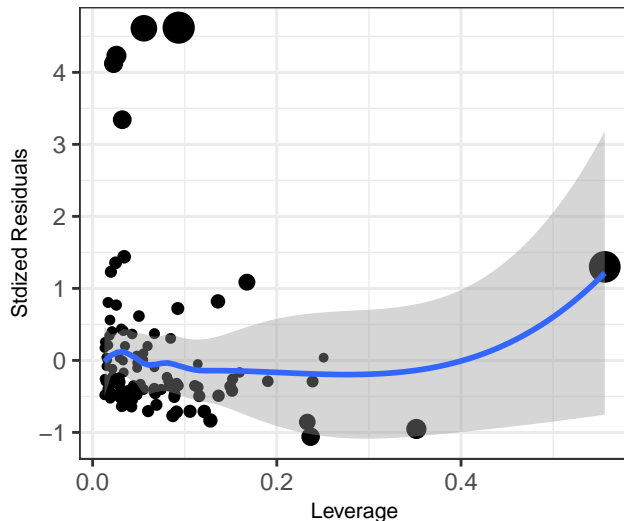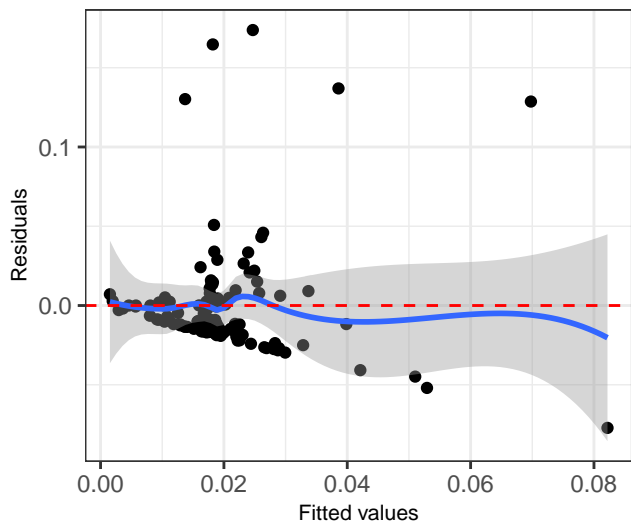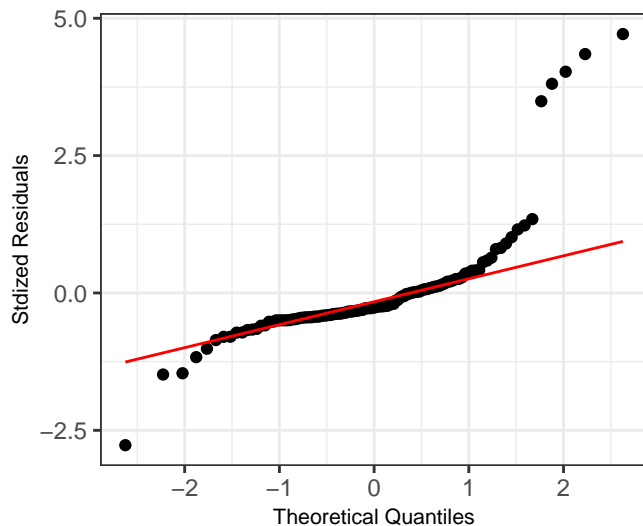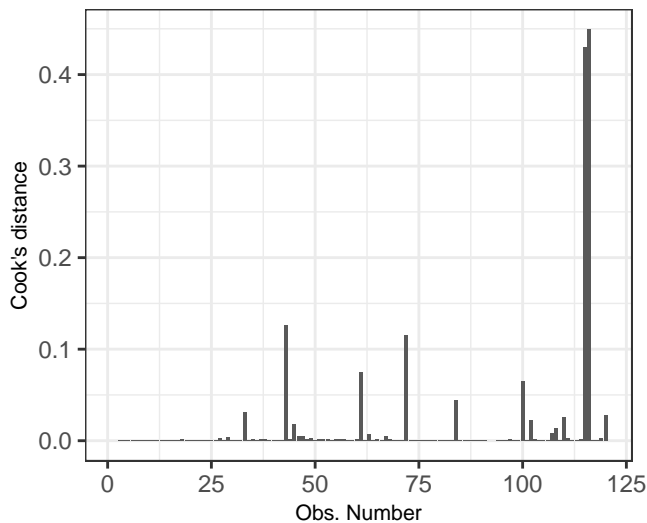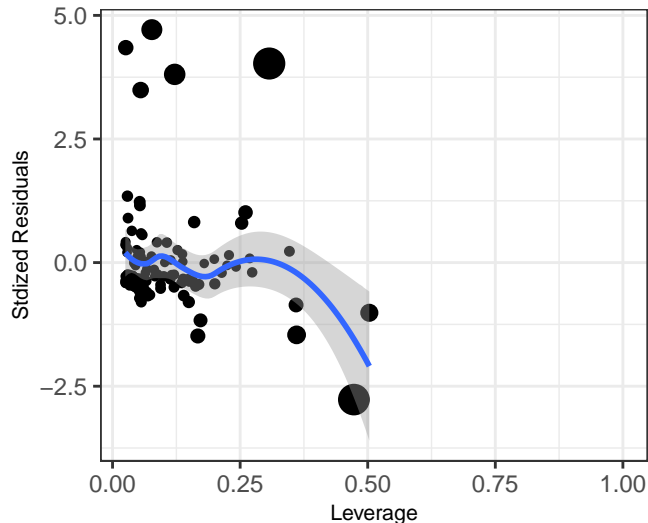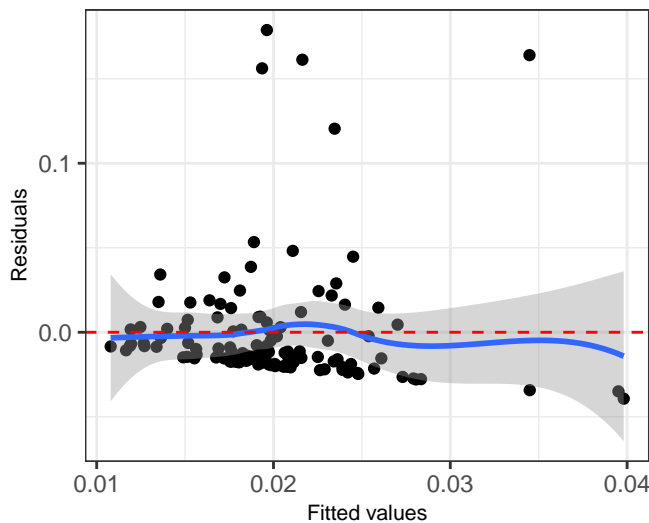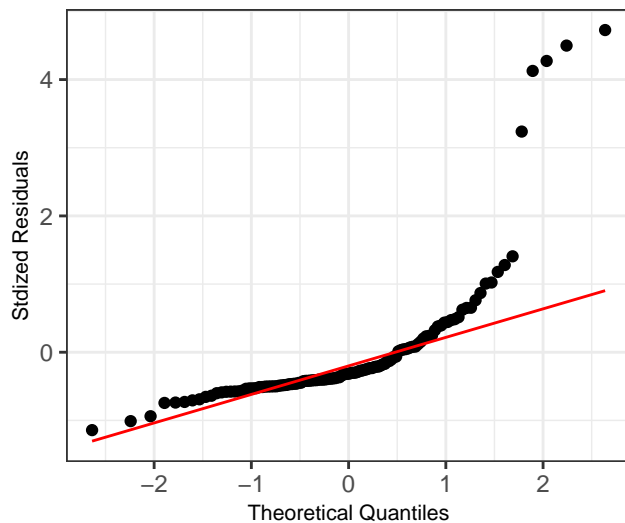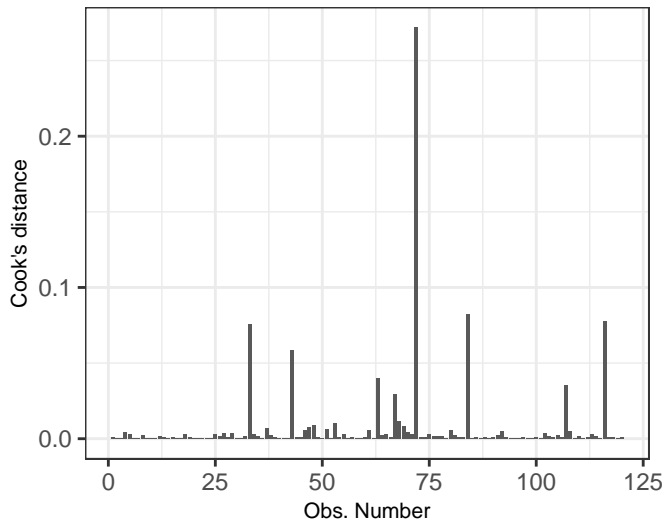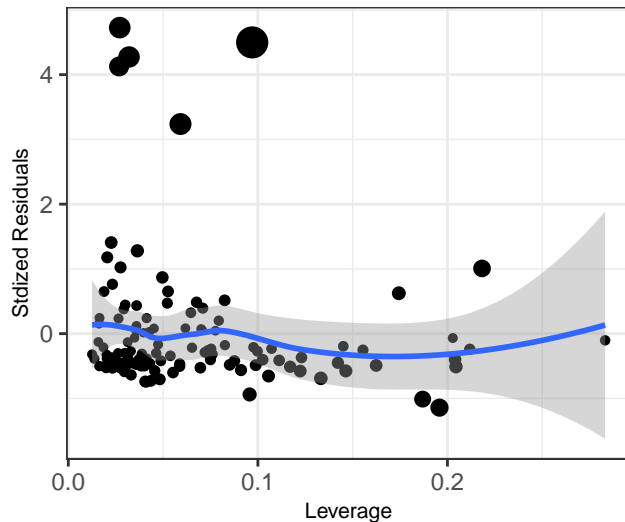Cook's Distance   ● 0.1   ● 0.2   ● 0.3   ● 0.

# Diagnostic plots 13

# Diagnostic plots 14

# Diagnostic plots 15

# Diagnostic plots 16



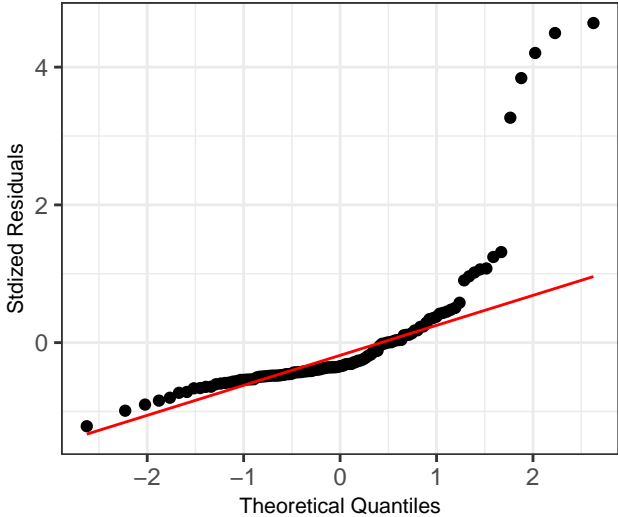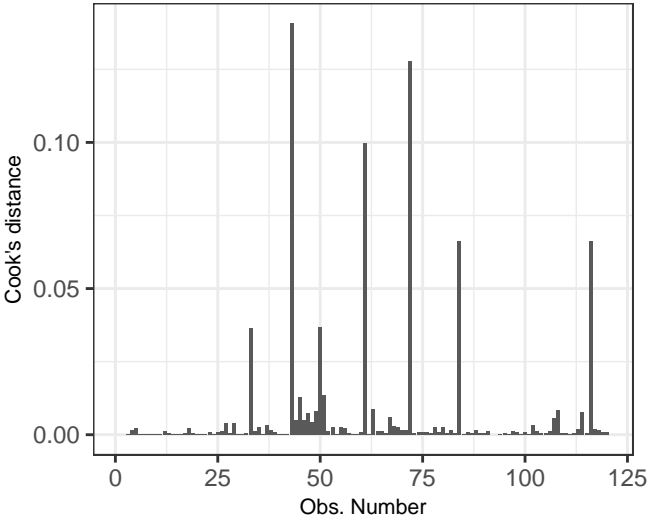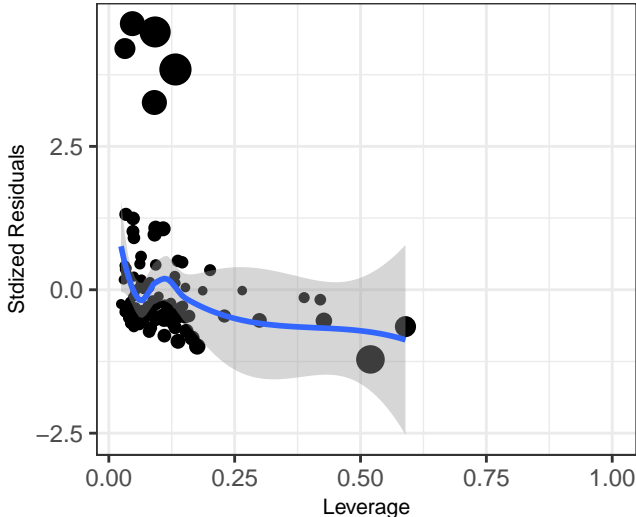**Residual vs Fitted Plot**

**Normal Q–Q**

**Cook's distance**

**Residual vs Leverage Plot**

Cook's Distance ● 0.1 ● 0.2 ● 0.3

# Diagnostic plots 17

# Diagnostic plots 18

# Diagnostic plots 19

# Diagnostic plots 20



Residual vs Fitted Plot
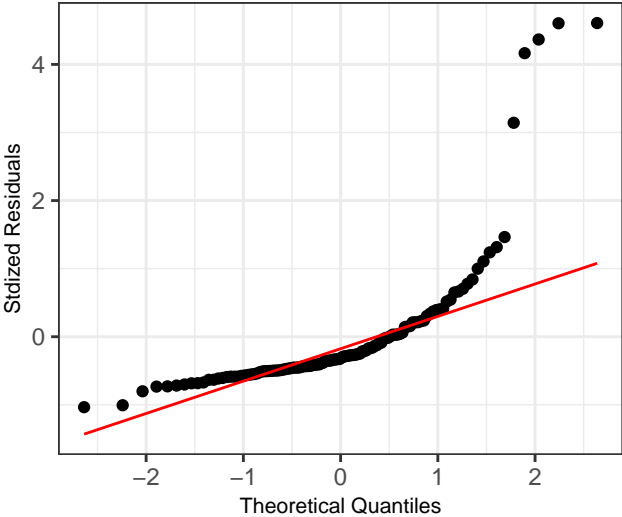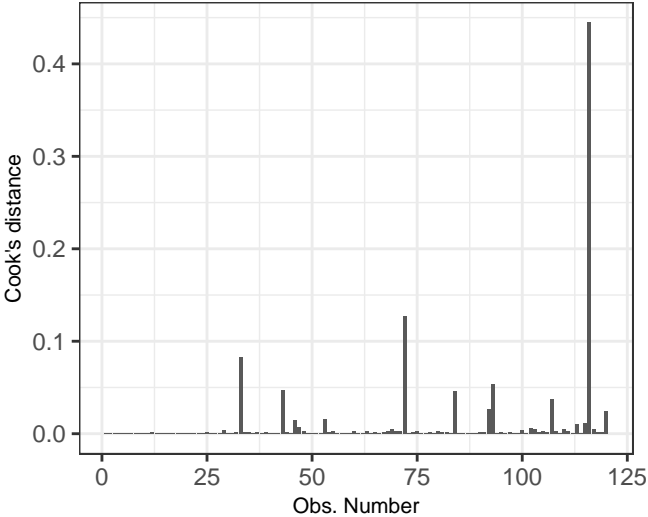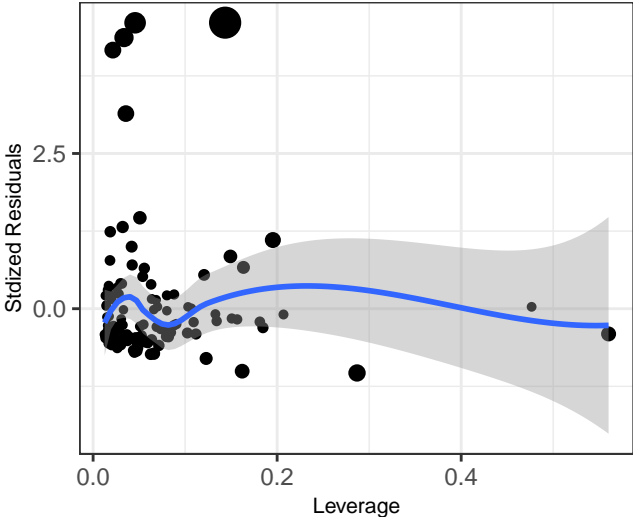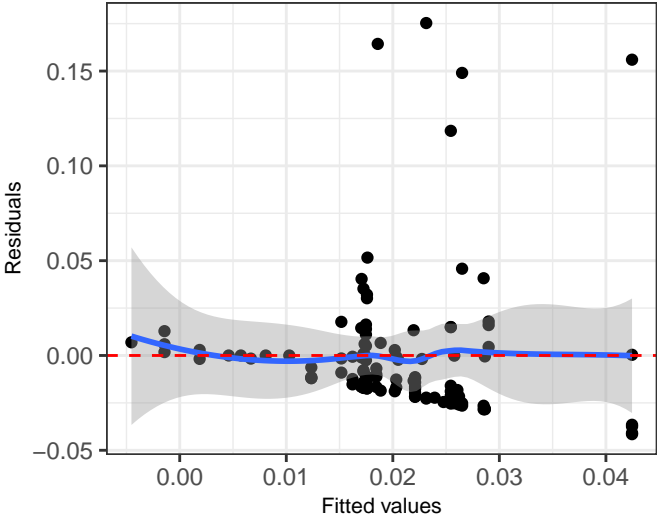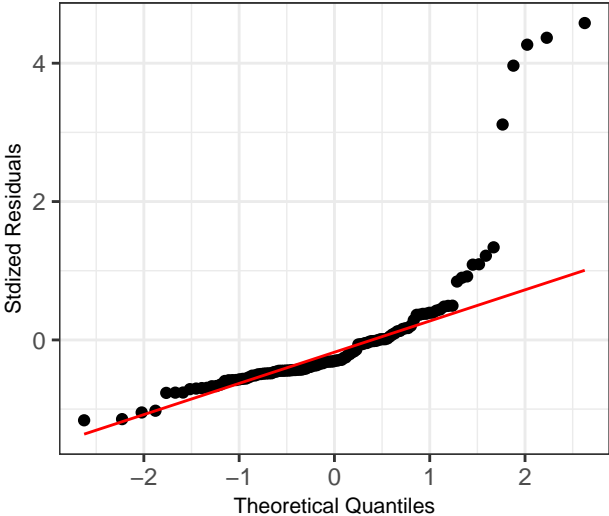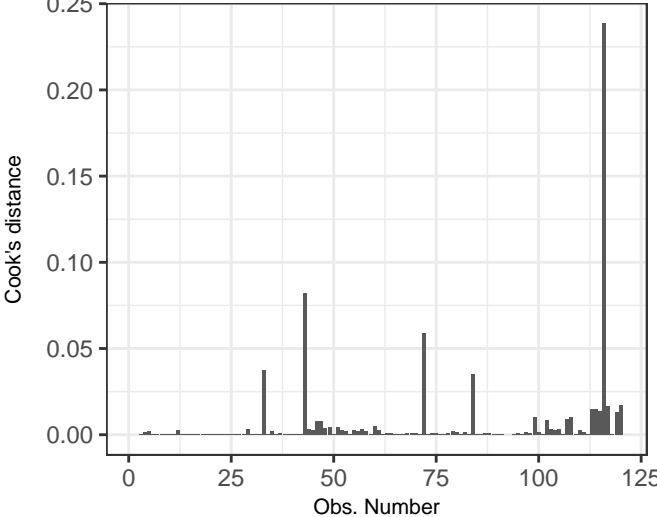
Normal Q–Q

Cook's distance

Residual vs Leverage Plot

# Diagnostic plots 21
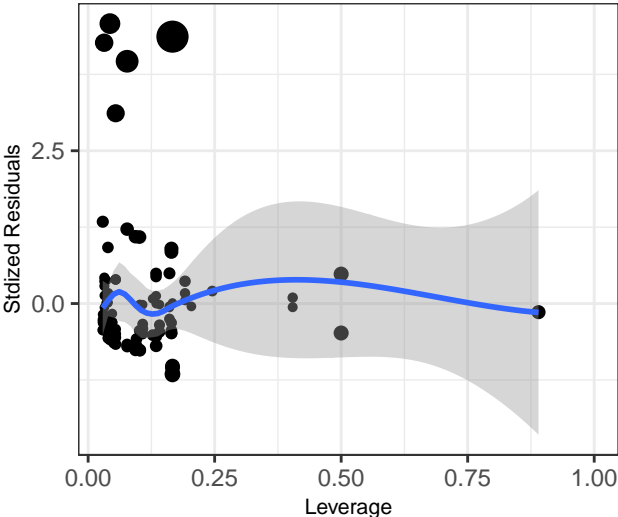


## Residual vs Fitted Plot
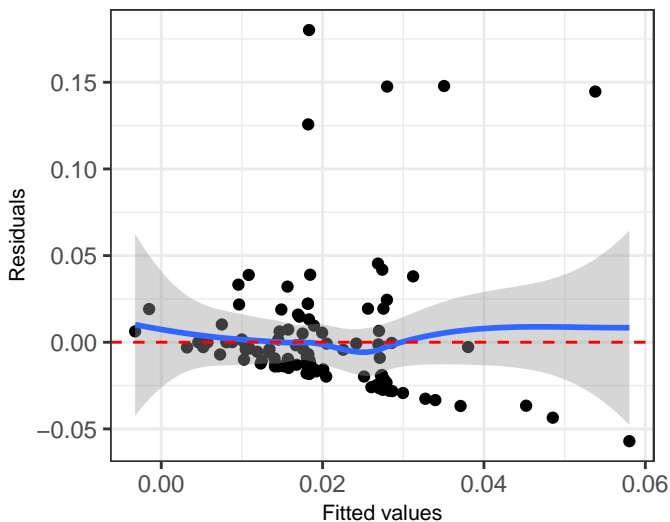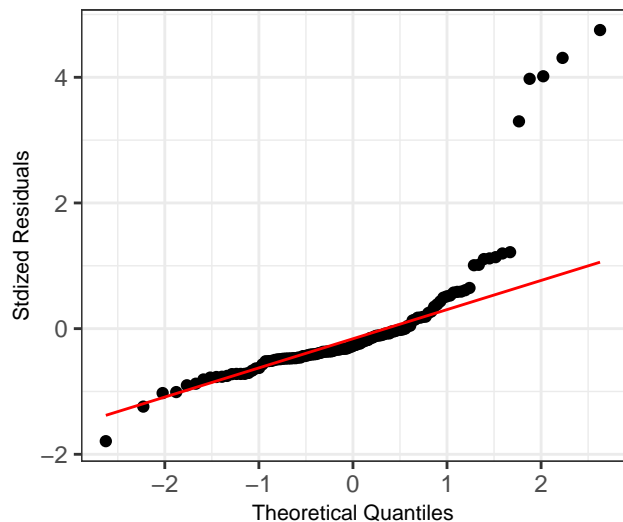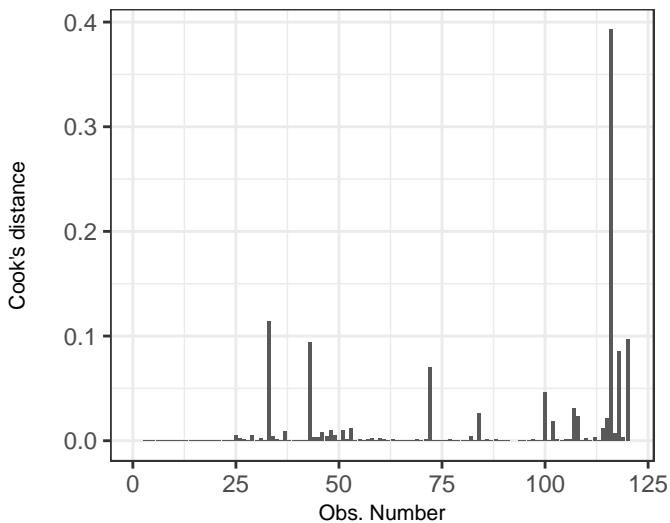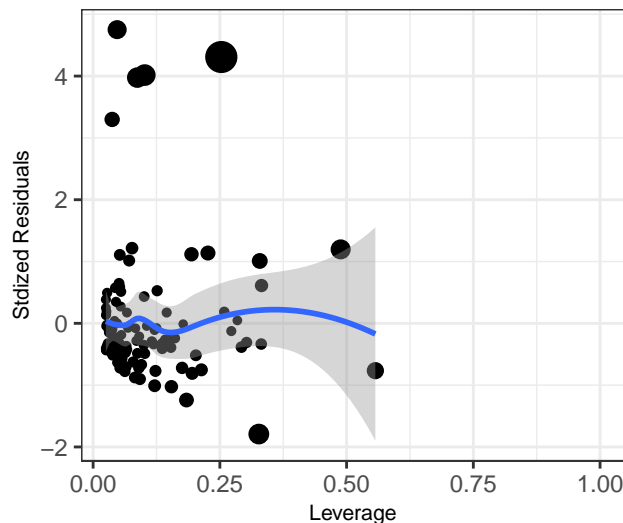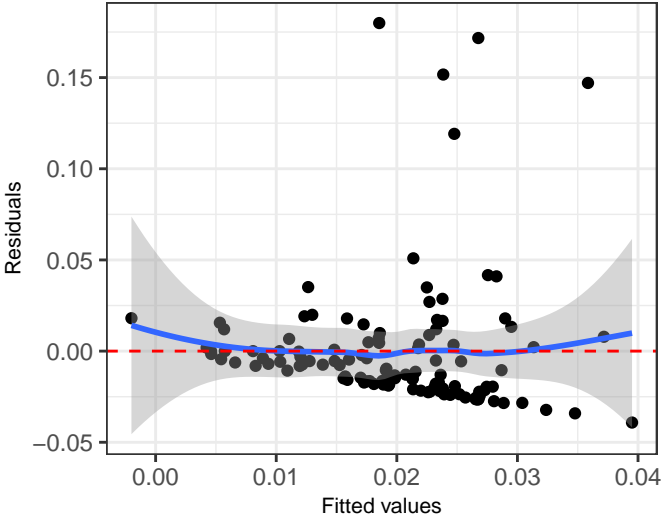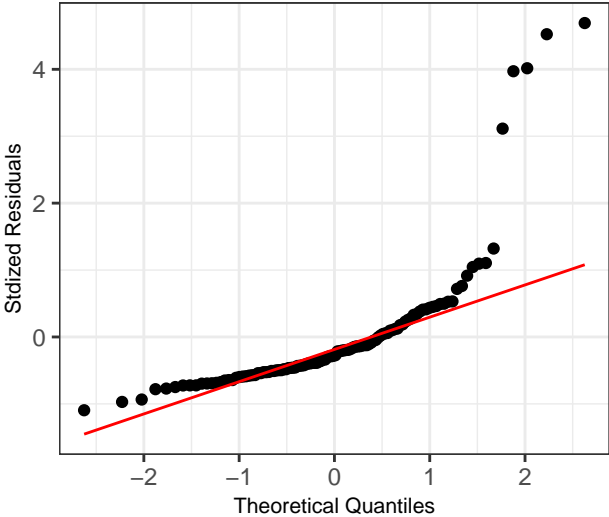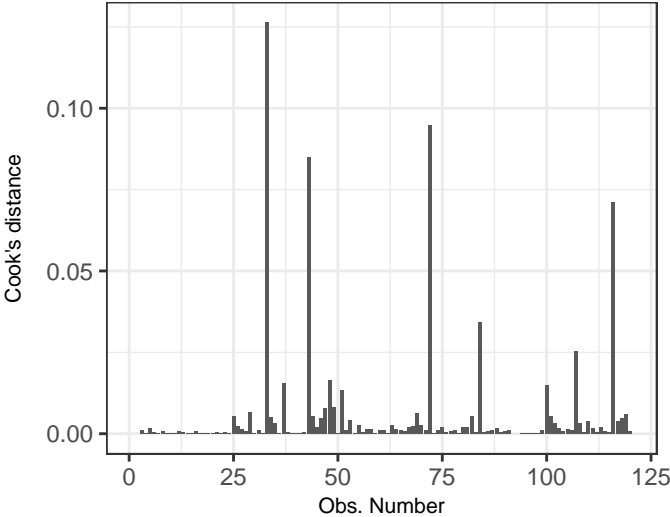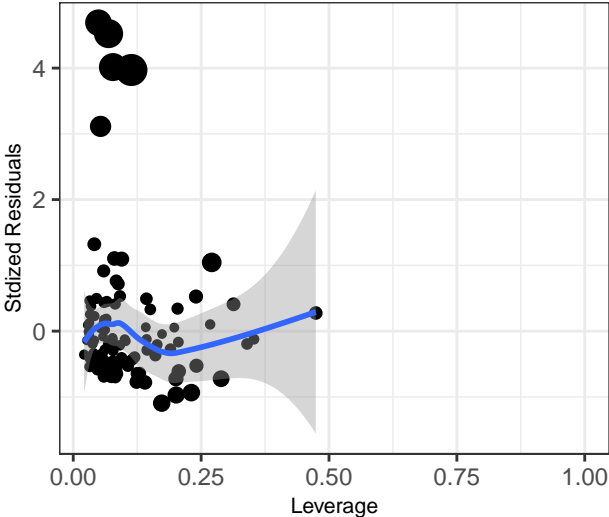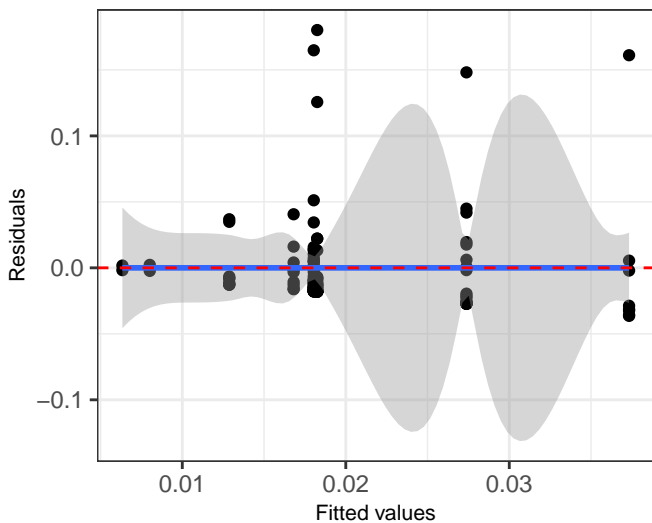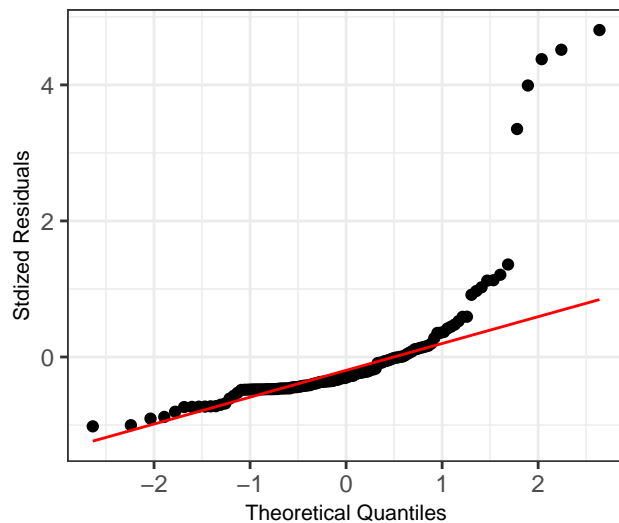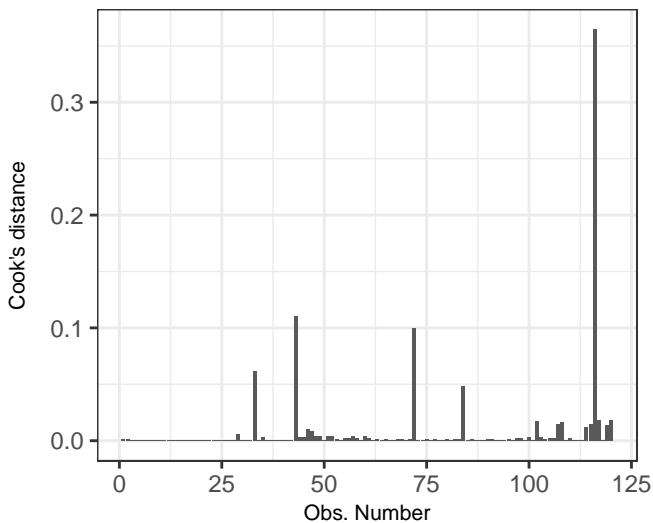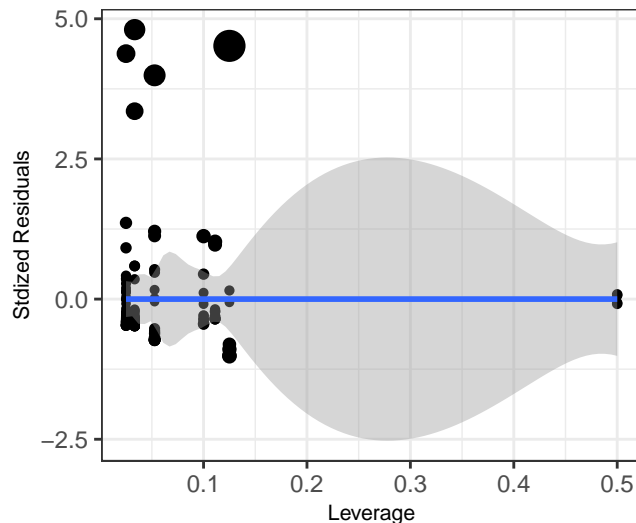
## Normal Q–Q

## Cook's distance

## Residual vs Leverage Plot

Cook's Distance  ● 0.05  ● 0.10  ● 0.15  ●

# Diagnostic plots 22

### Residual vs Fitted Plot



### Normal Q–Q



### Cook's distance
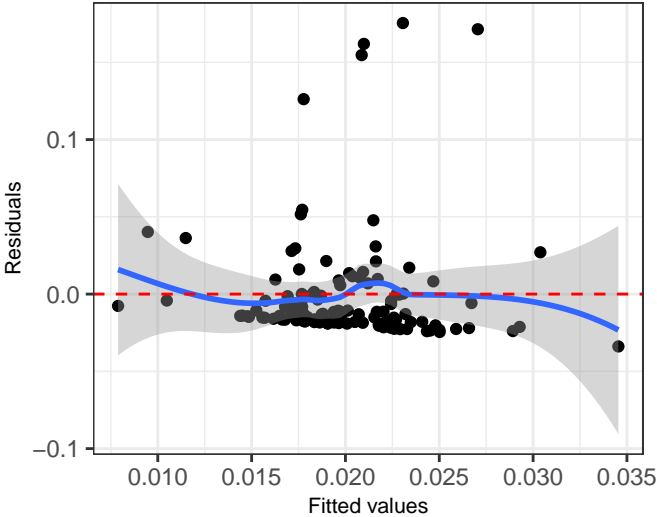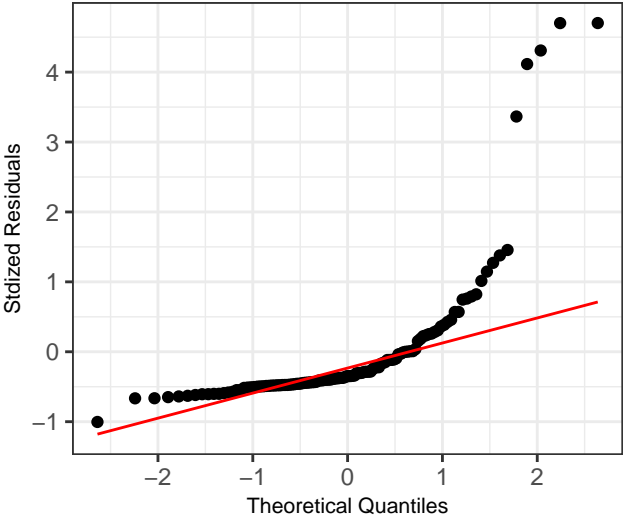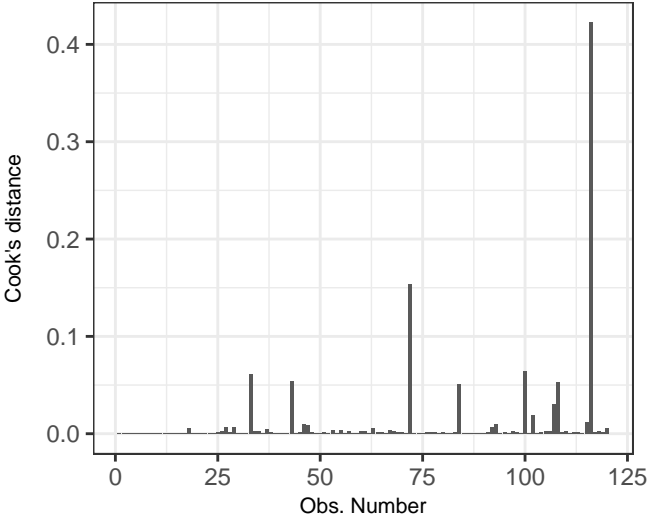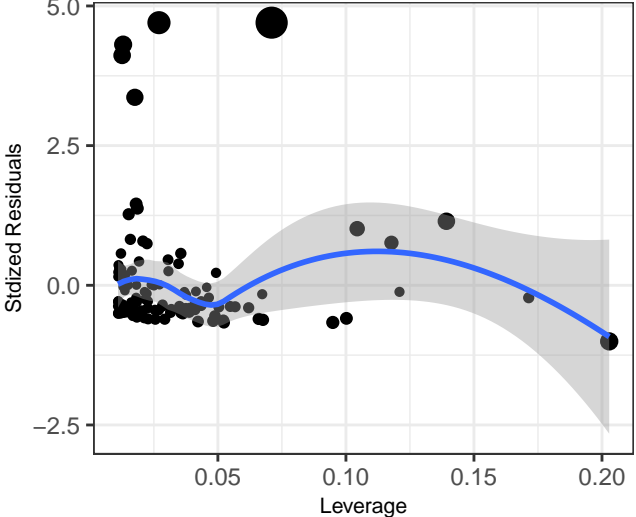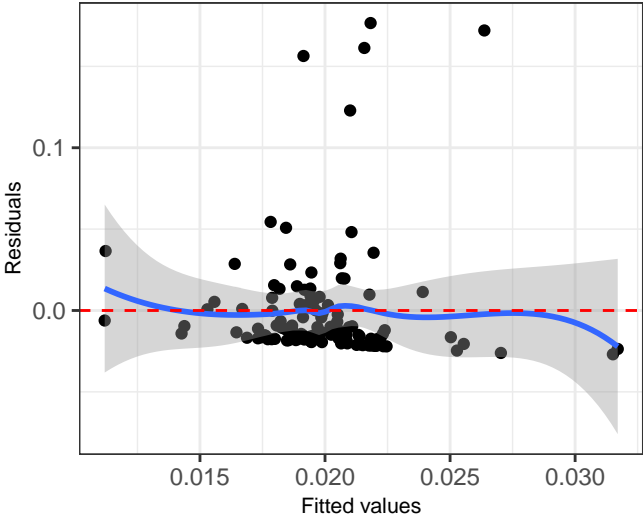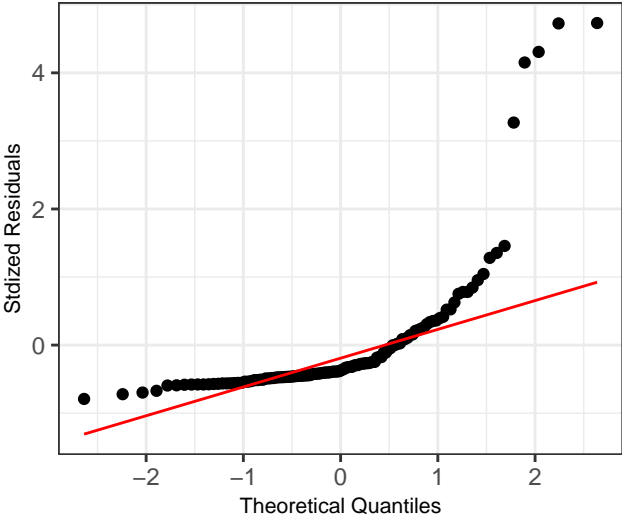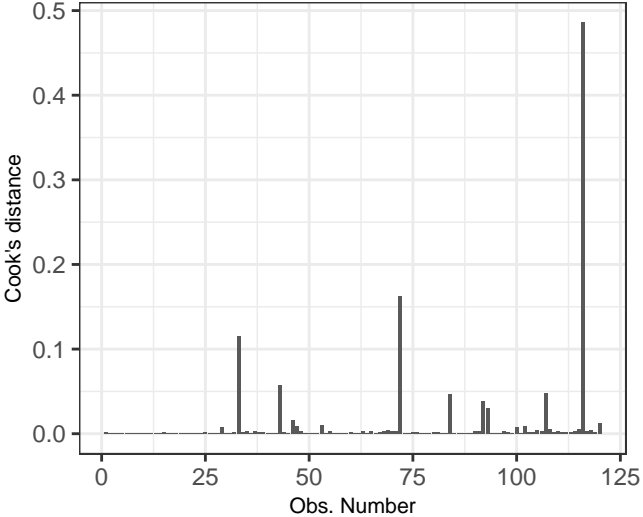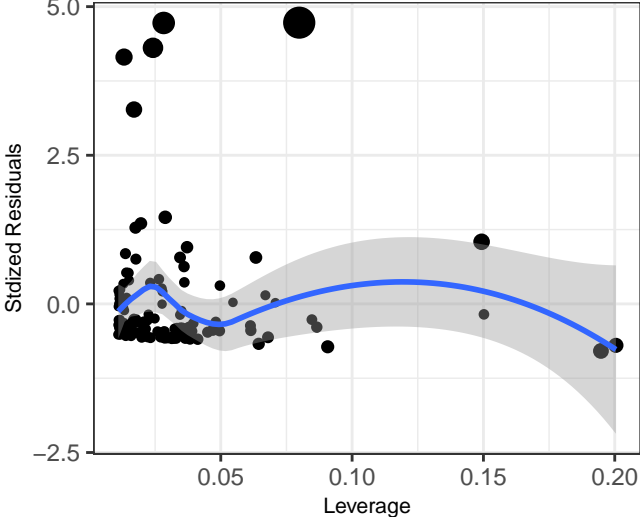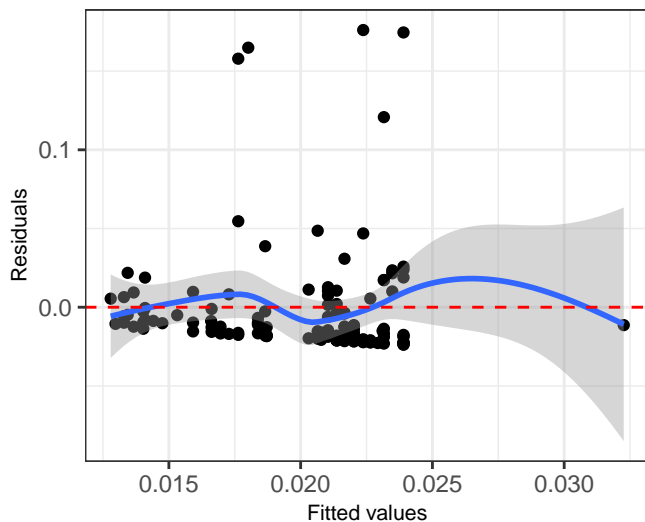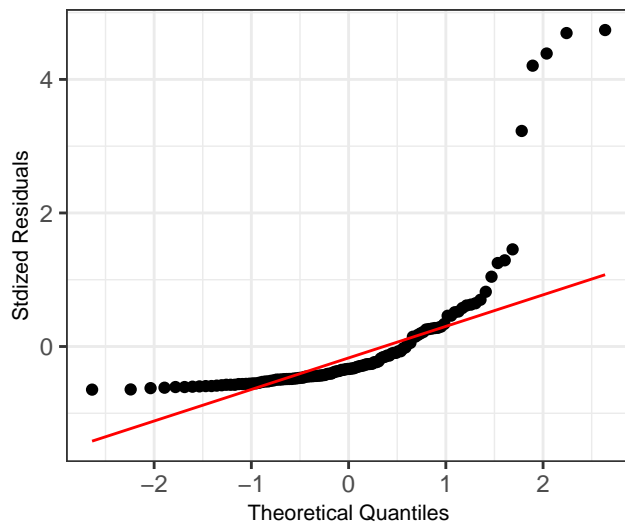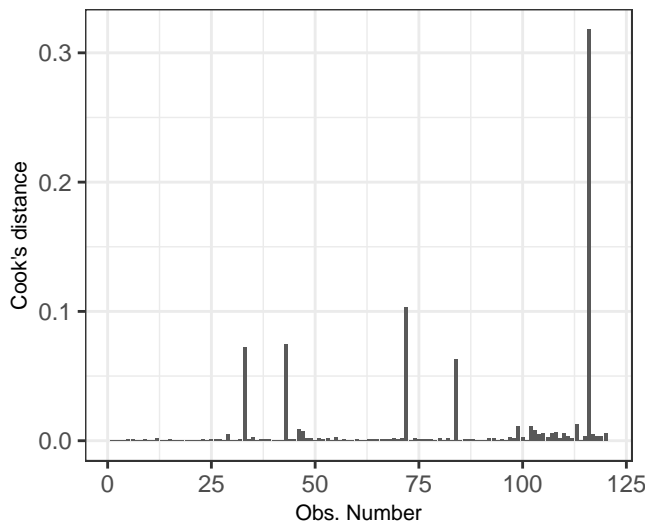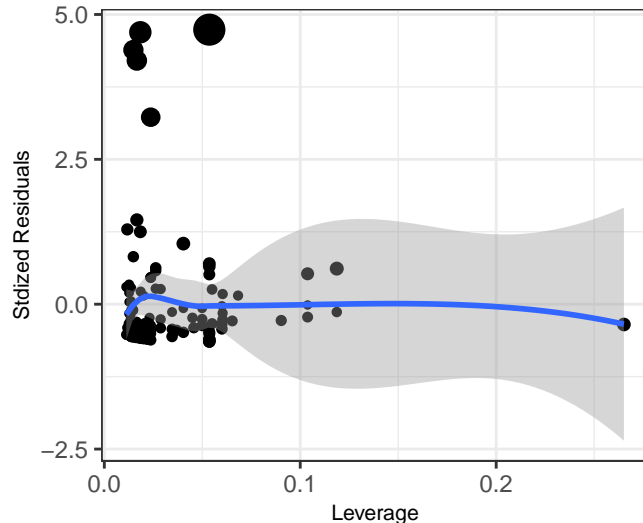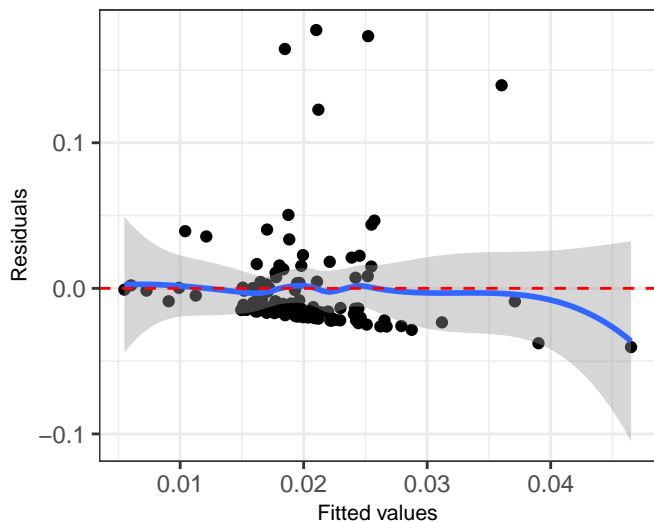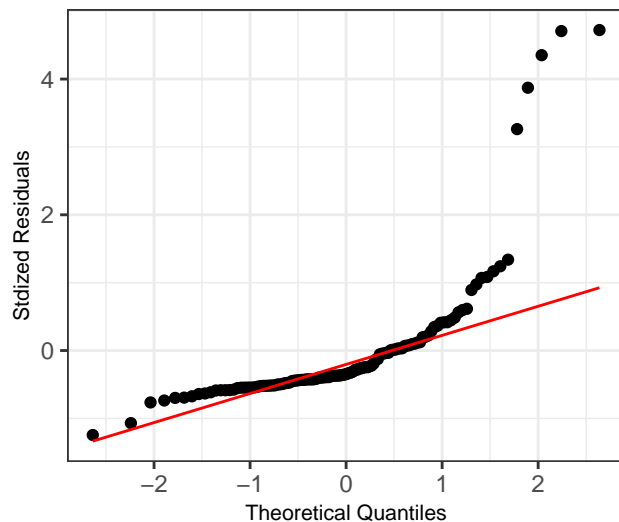


### Residual vs Leverage Plot



Cook's Distance ● 0.025 ● 0.050 ● 0.075 ● 0.100

# Diagnostic plots 23

# Diagnostic plots 24

# Diagnostic plots 25

# Diagnostic plots 26



**Residual vs Fitted Plot**

**Normal Q–Q**

**Cook's distance**

**Residual vs Leverage Plot**

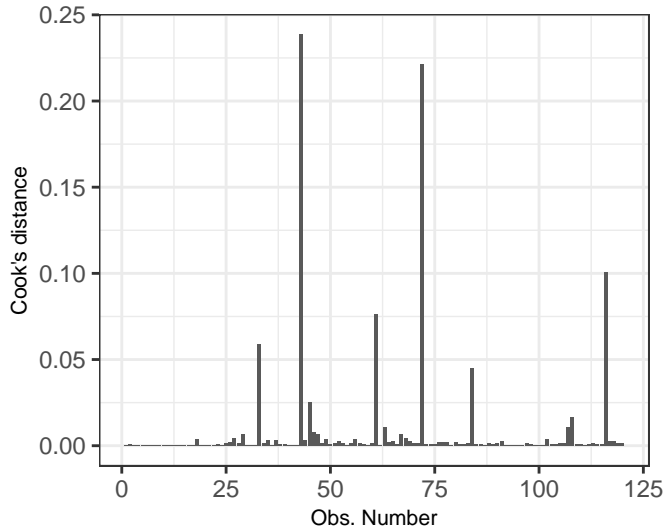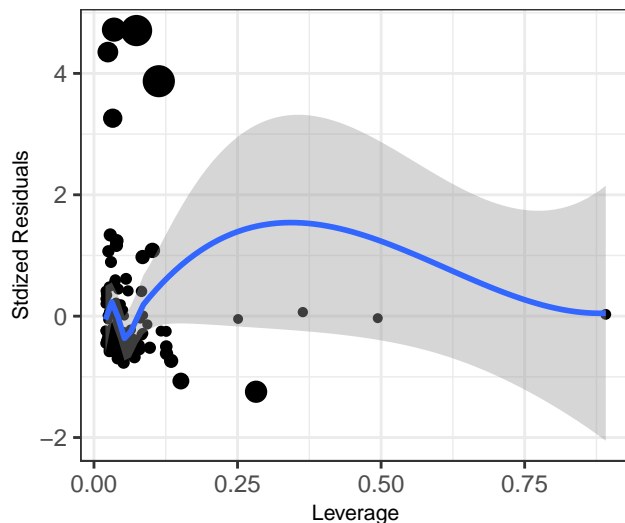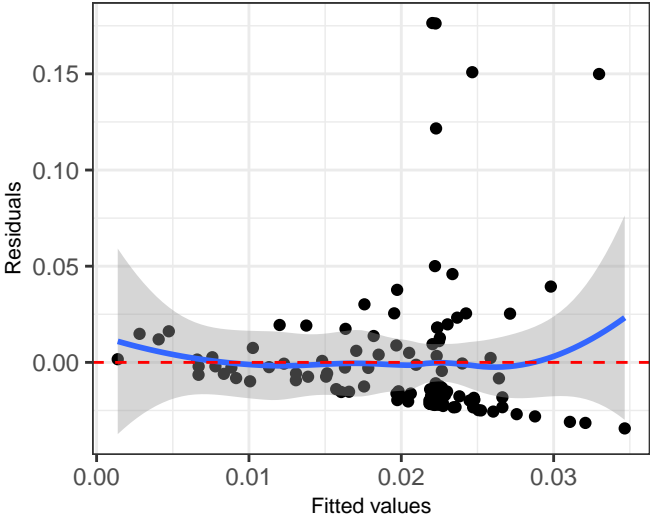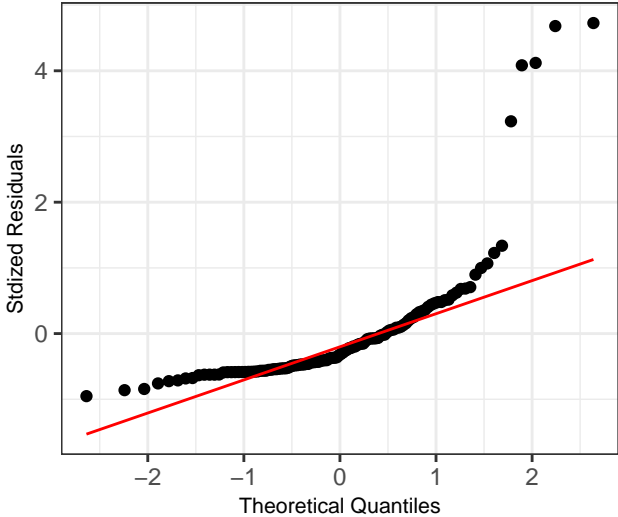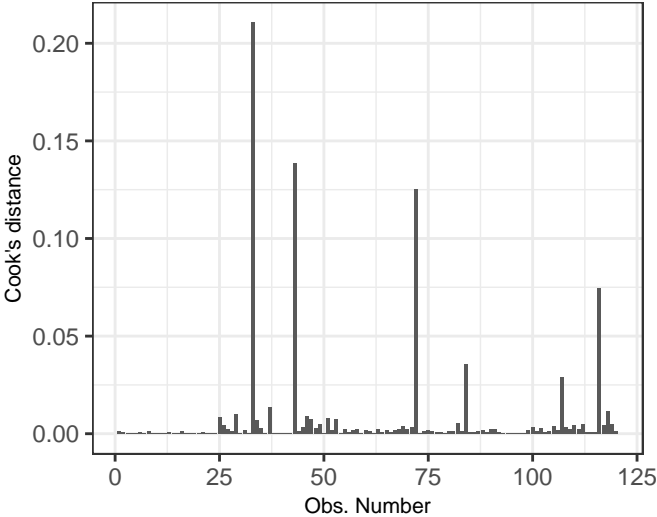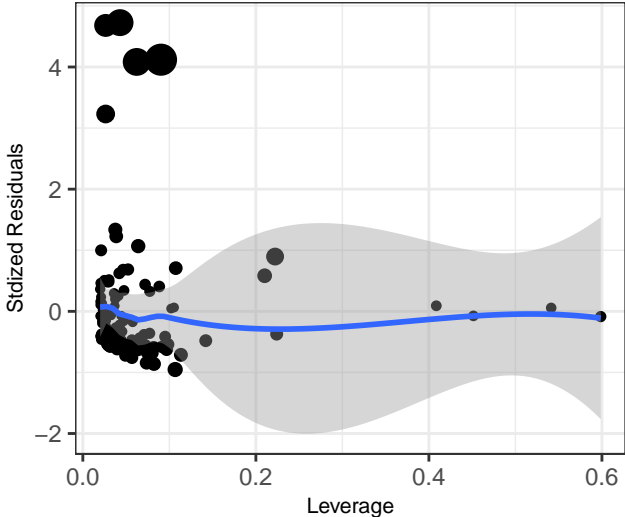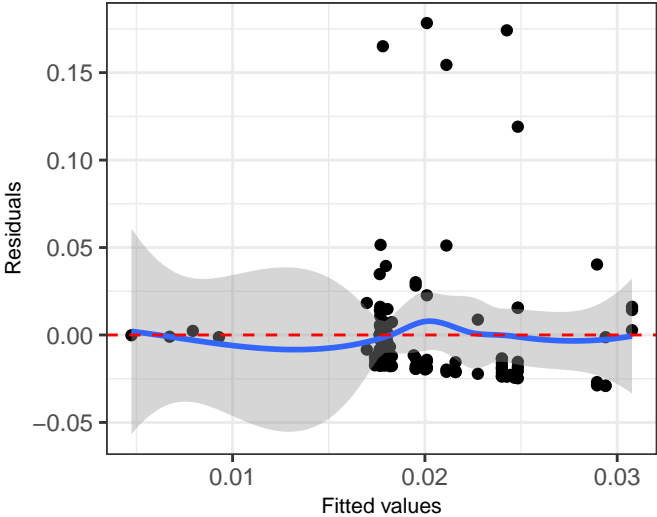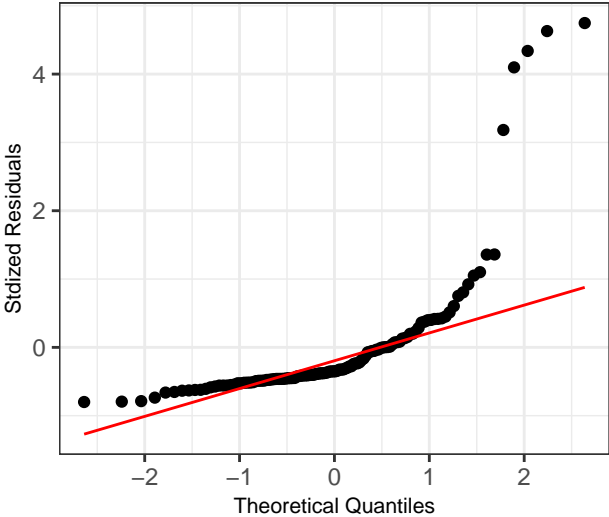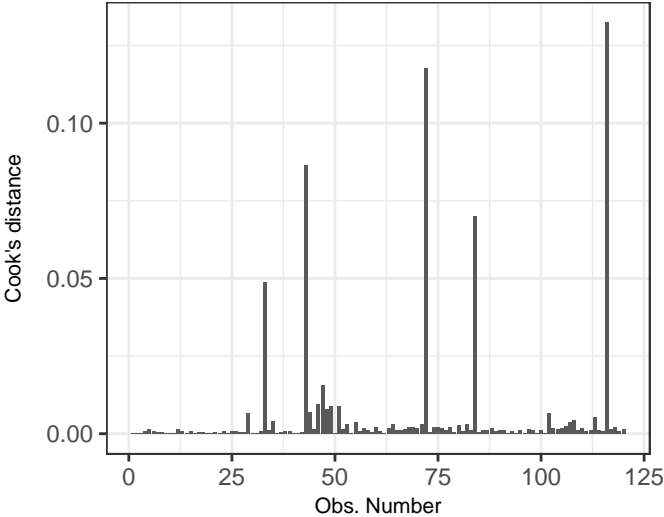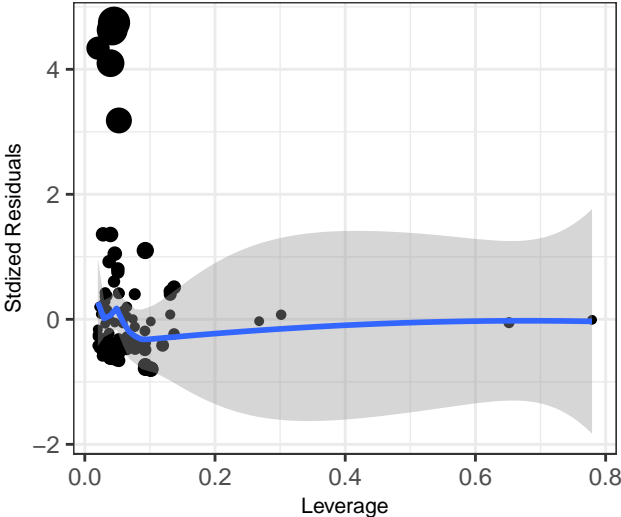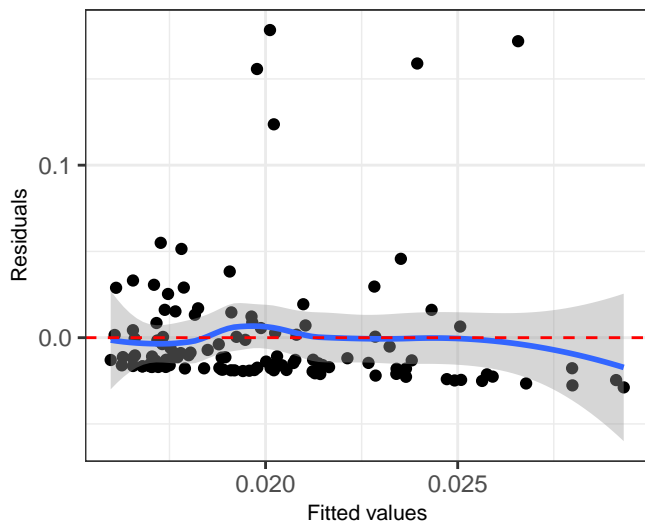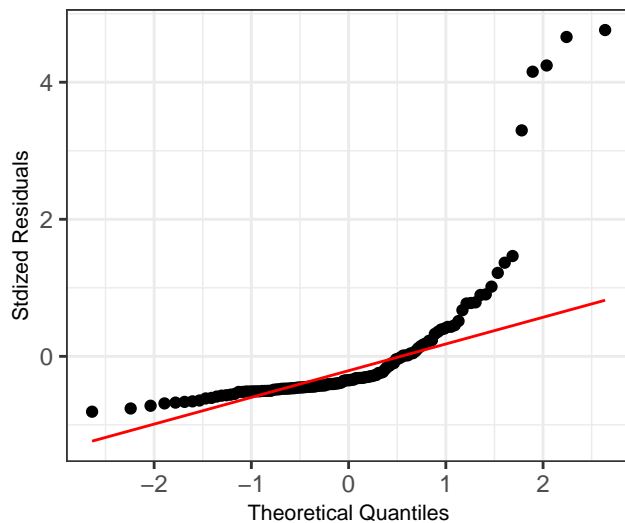Cook's Distance ● 0.04 ● 0.08 ● 0.12
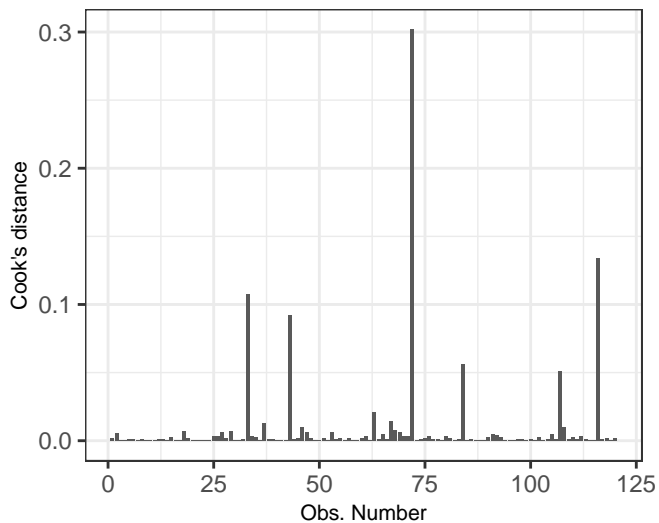
# Diagnostic plots 27



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

# Diagnostic plots 28

Diagnostic plots 29

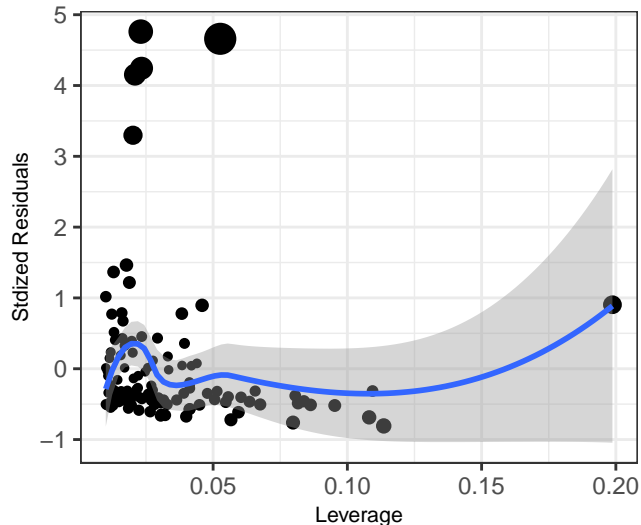# Diagnostic plots 30

## Residual vs Fitted Plot



## Normal Q–Q

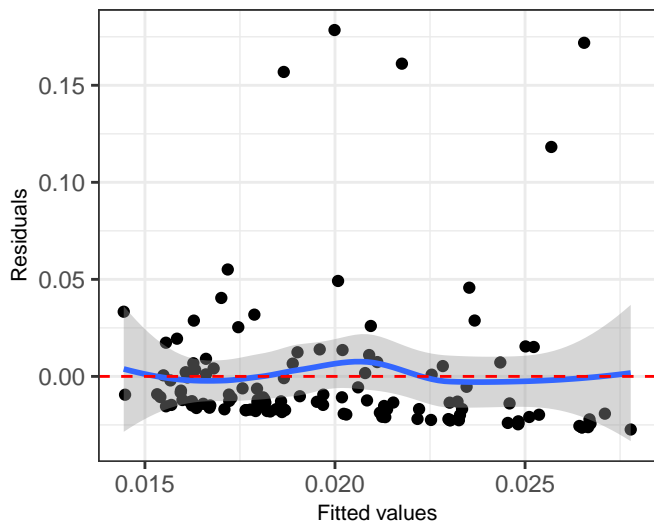

## Cook's distance



## Residual vs Leverage Plot



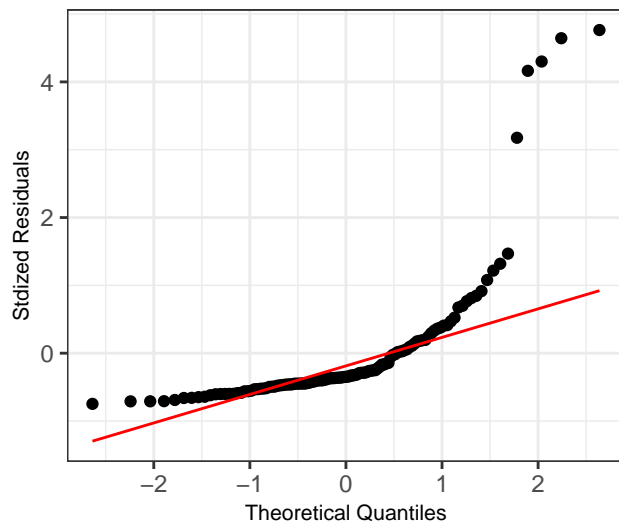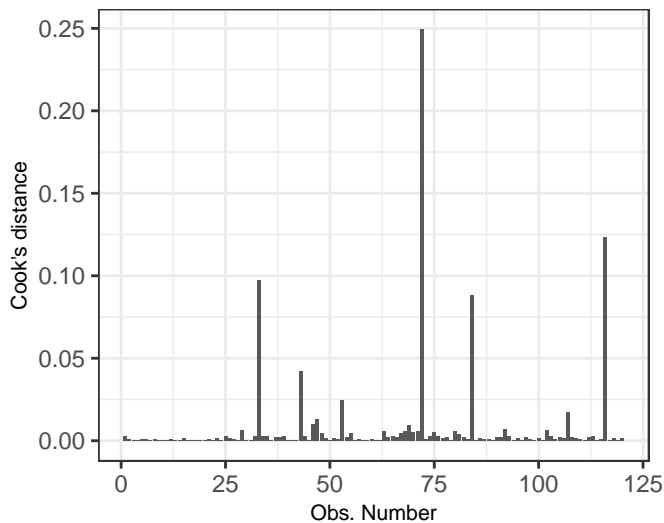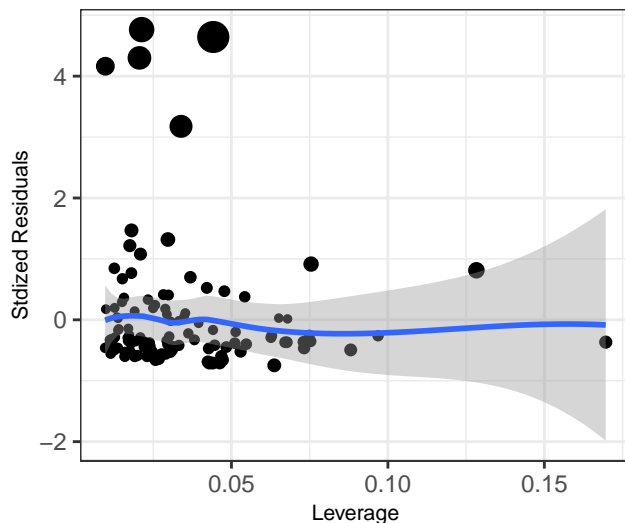Cook's Distance ● 0.1 ● 0.2 ● 0.3 ●

# Diagnostic plots 31



Residual vs Fitted Plot

Normal Q–Q
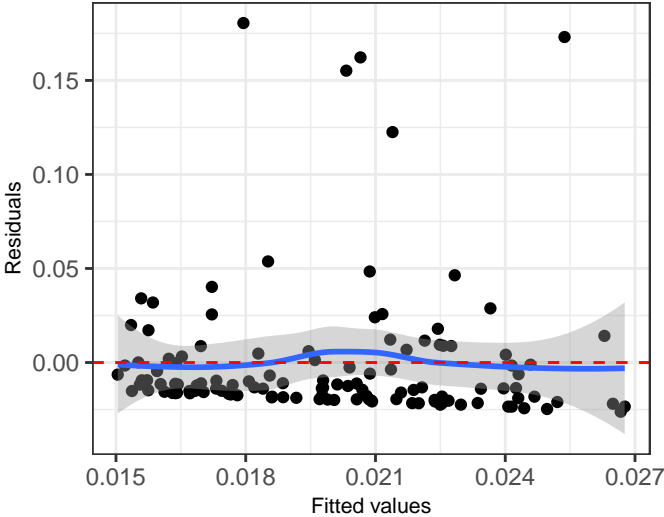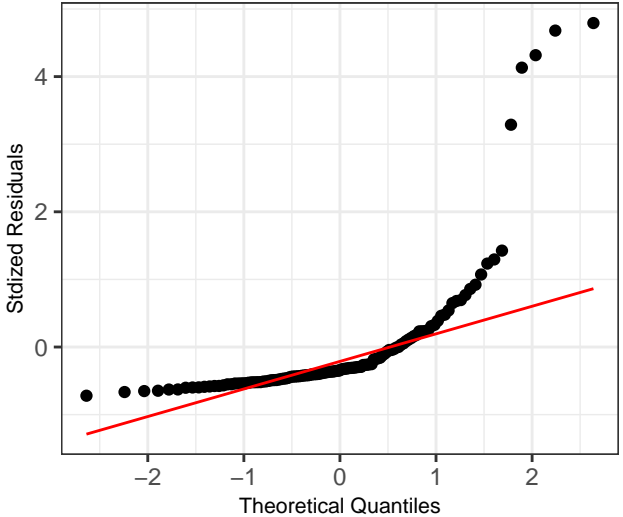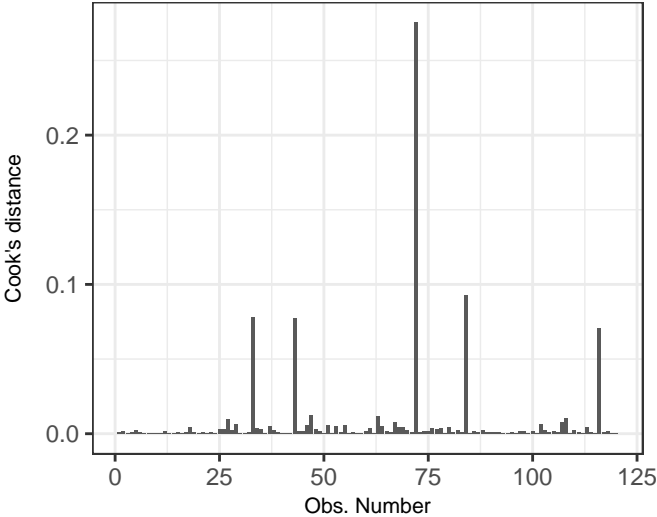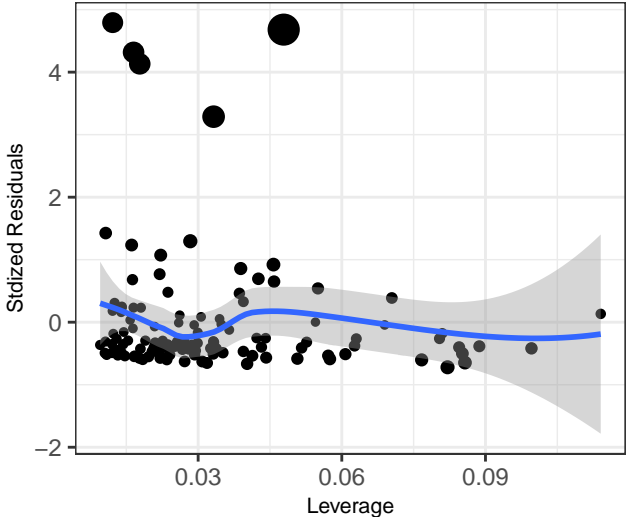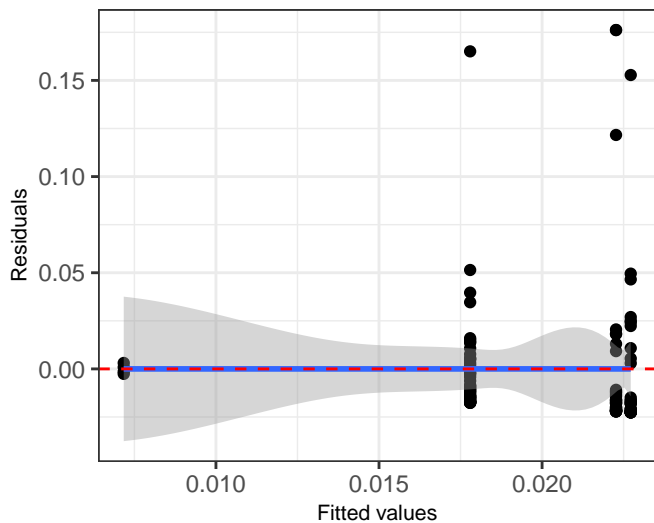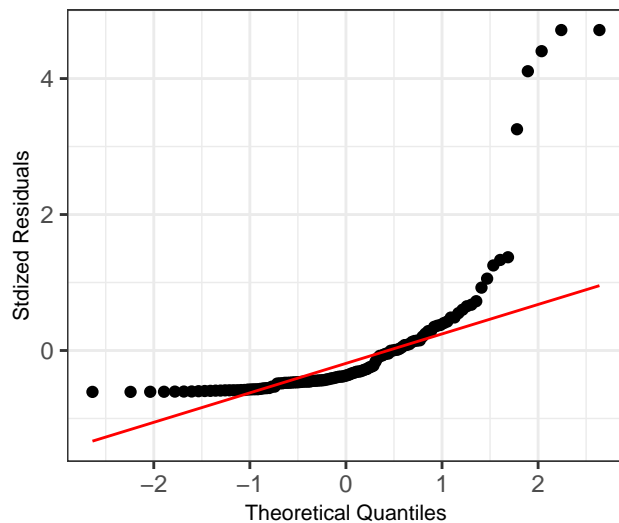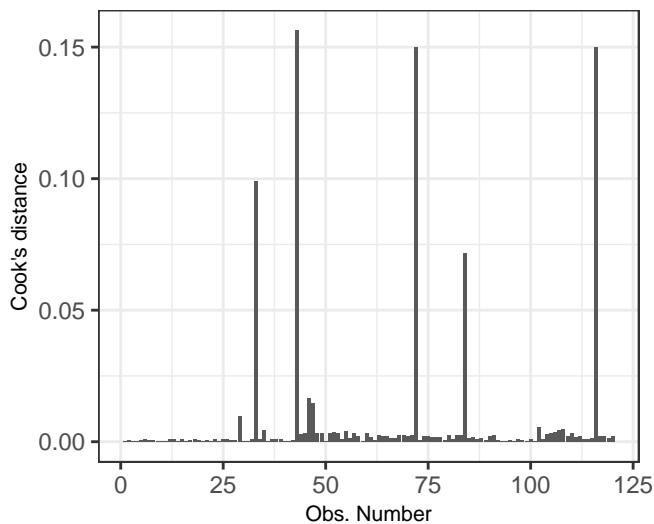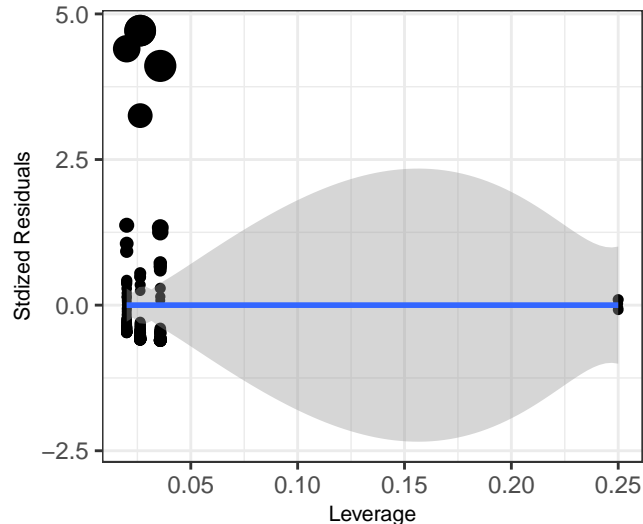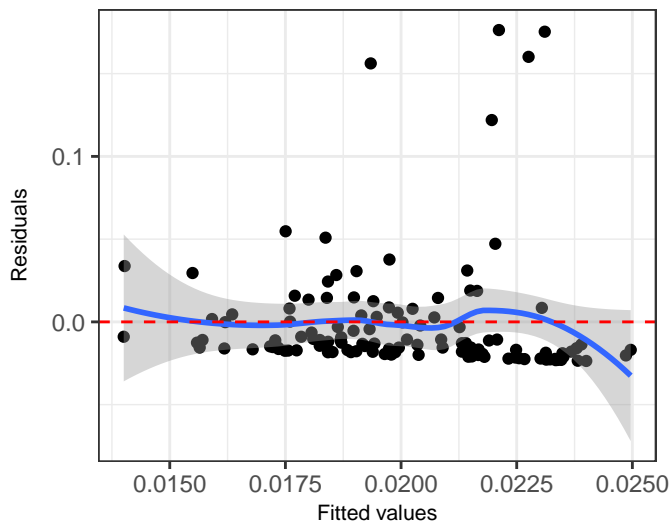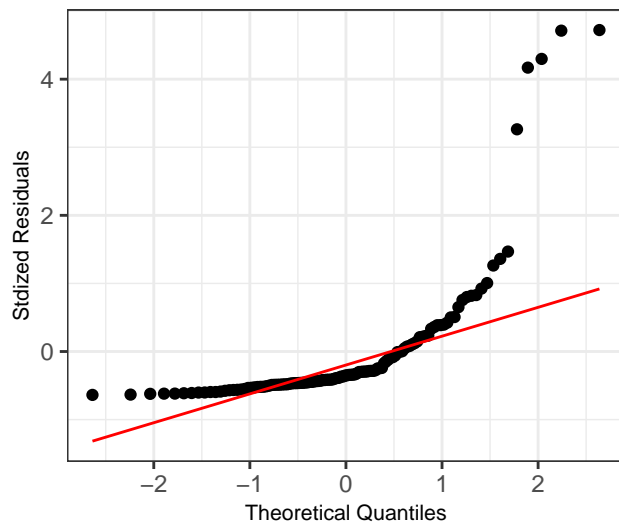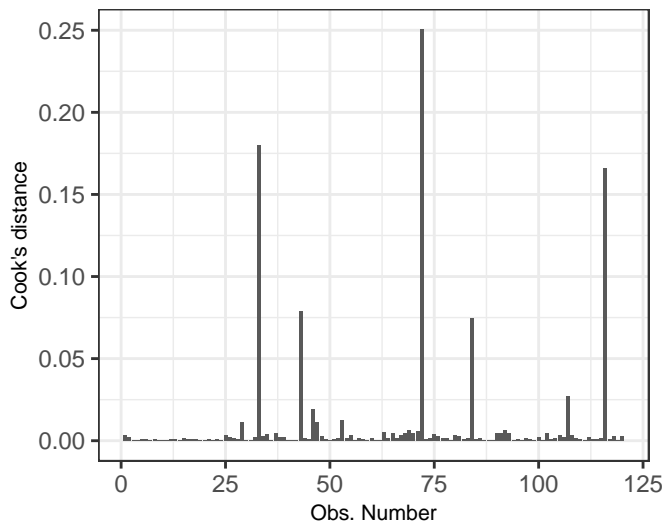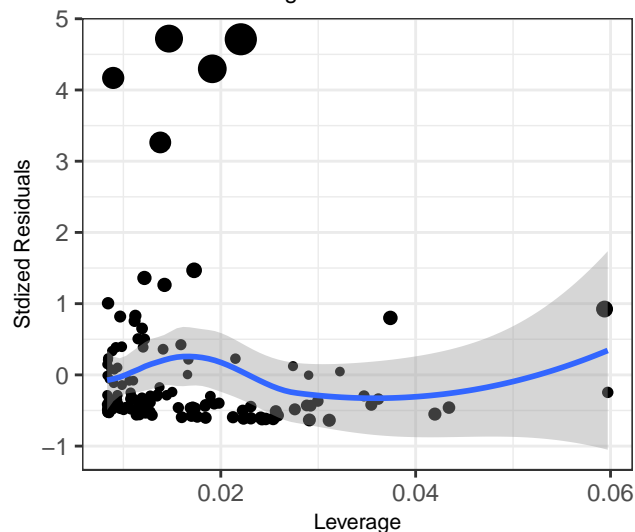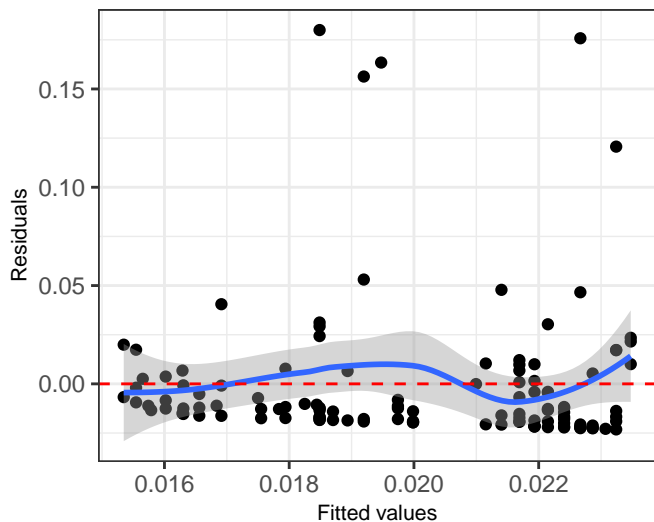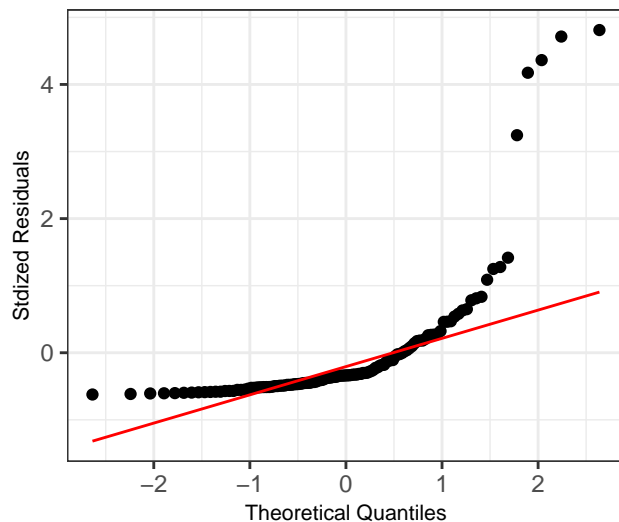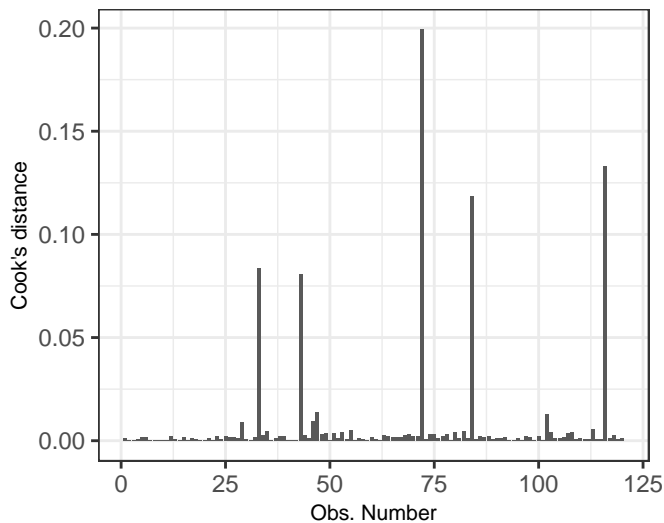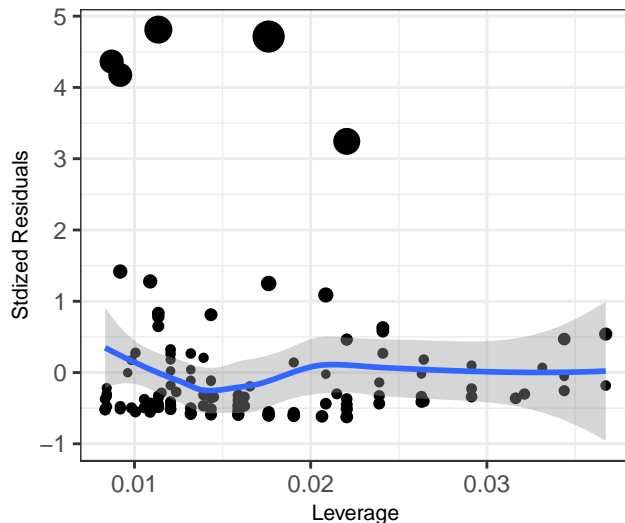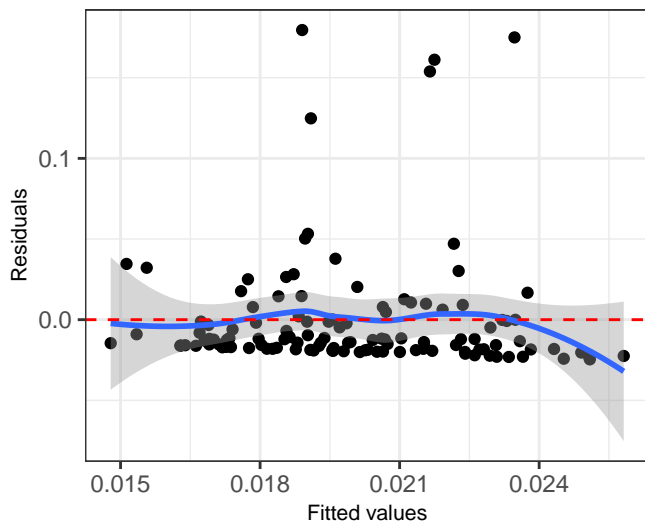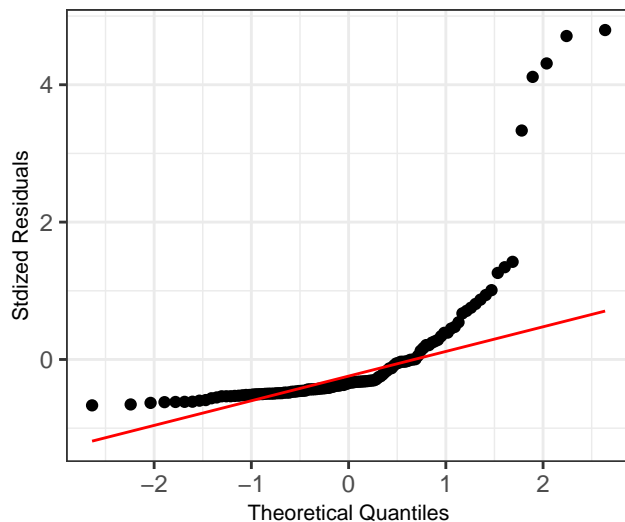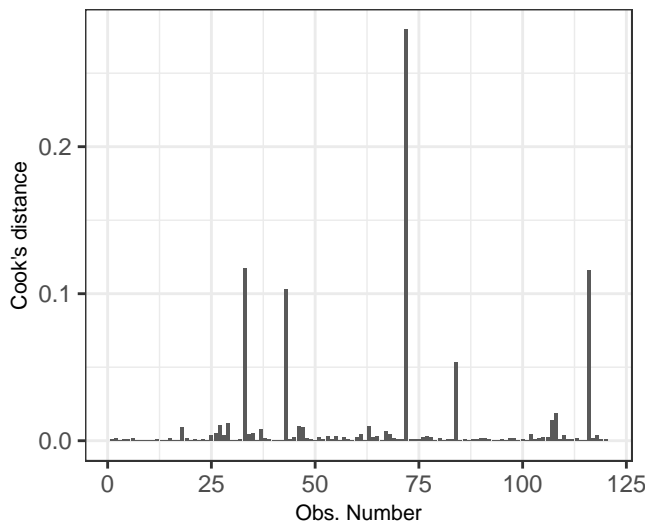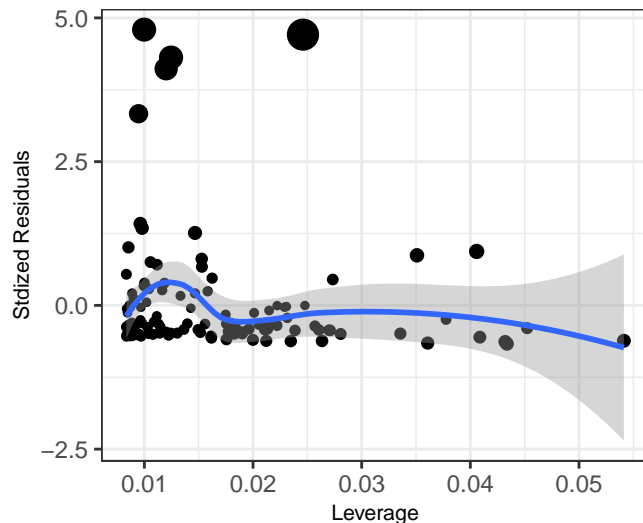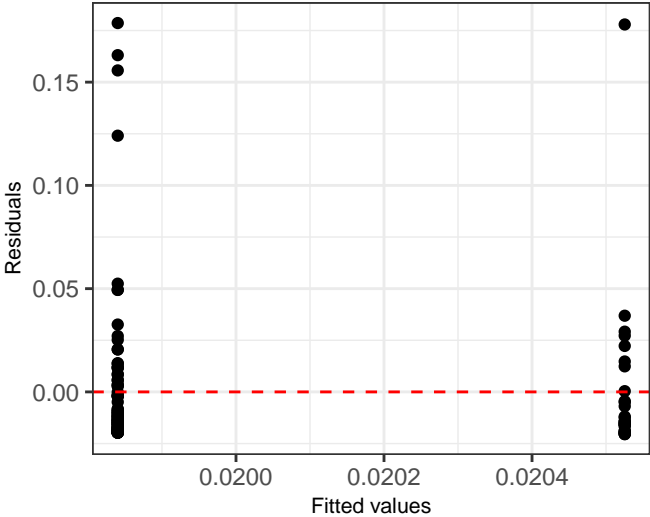
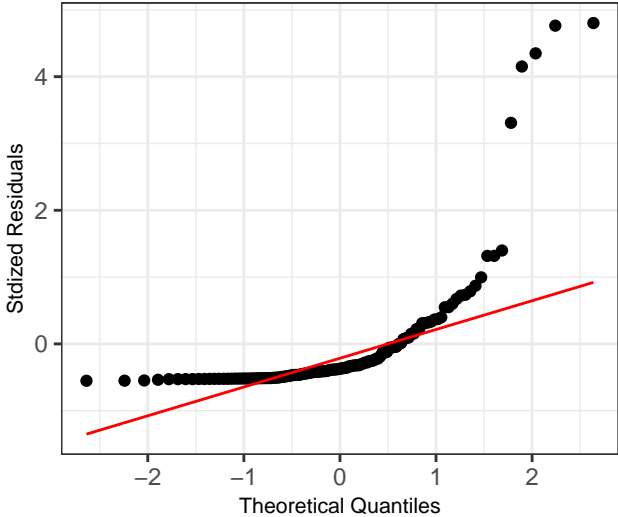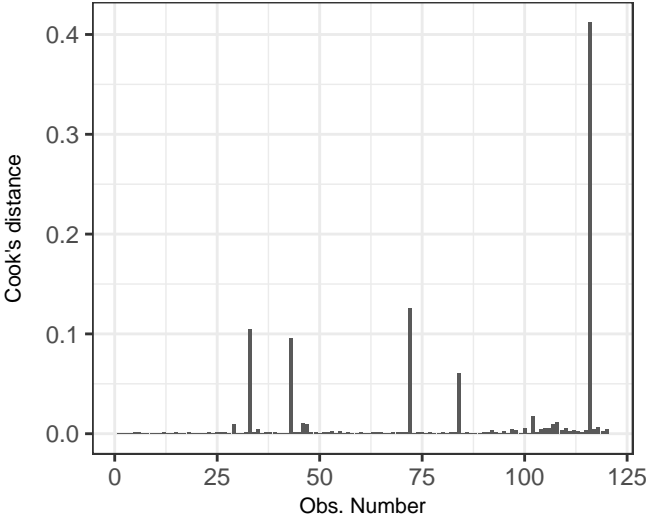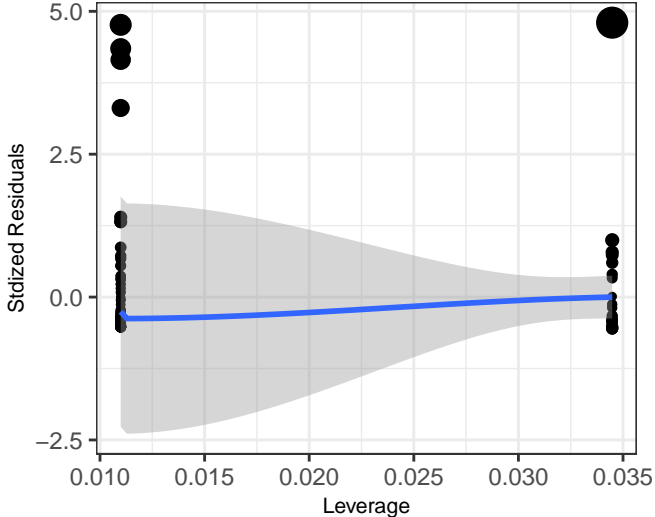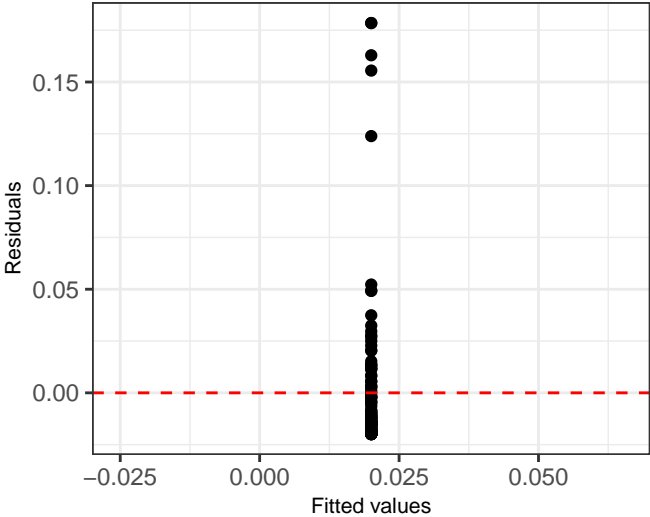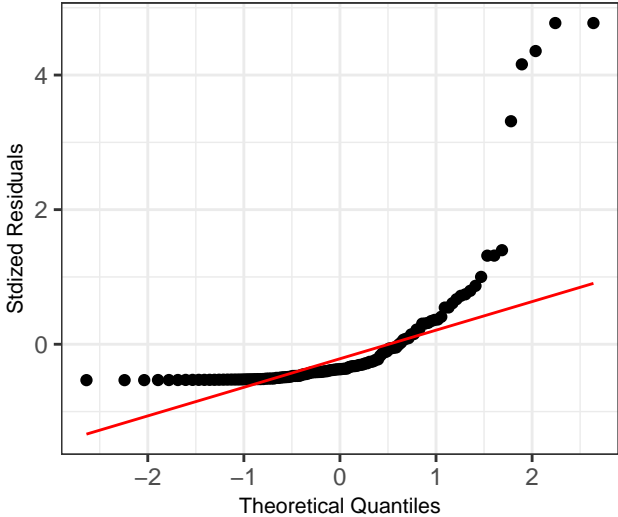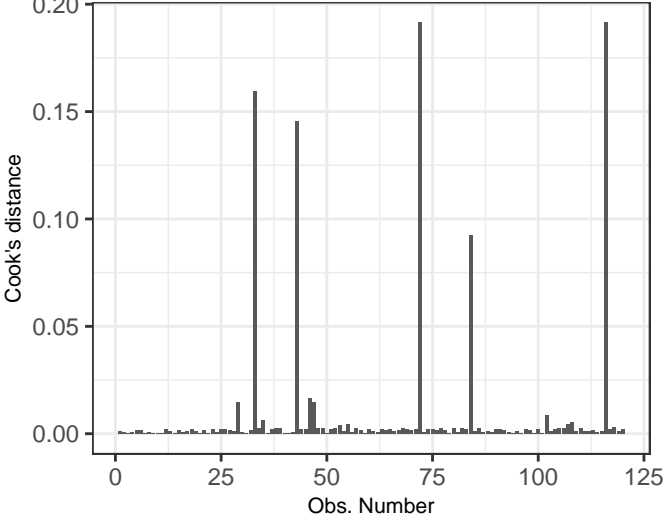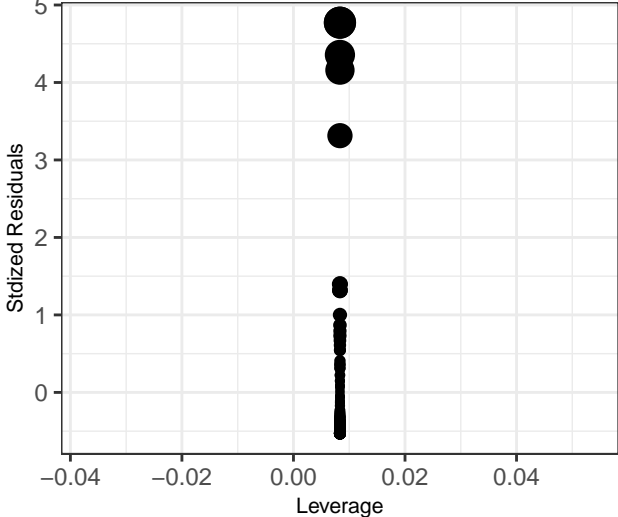Cook's distance

Residual vs Leverage Plot