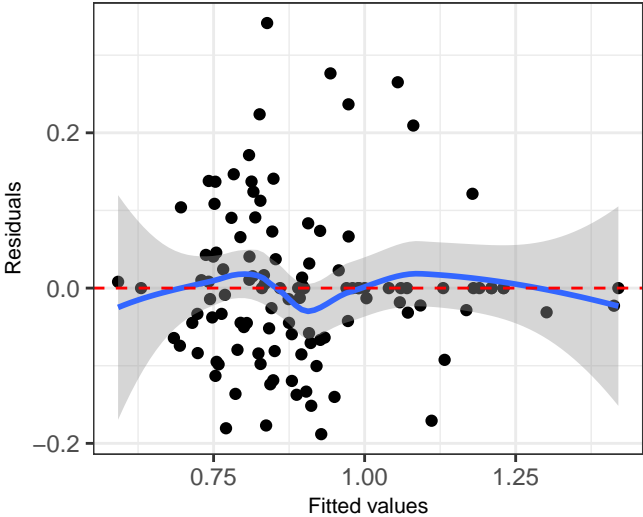
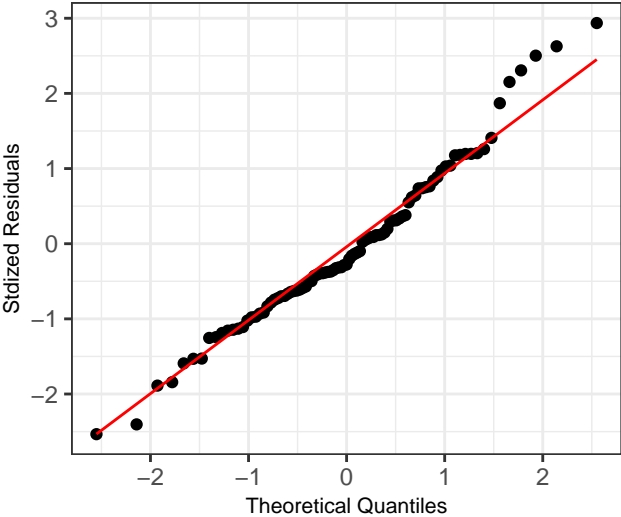


# Diagnostic plots 1

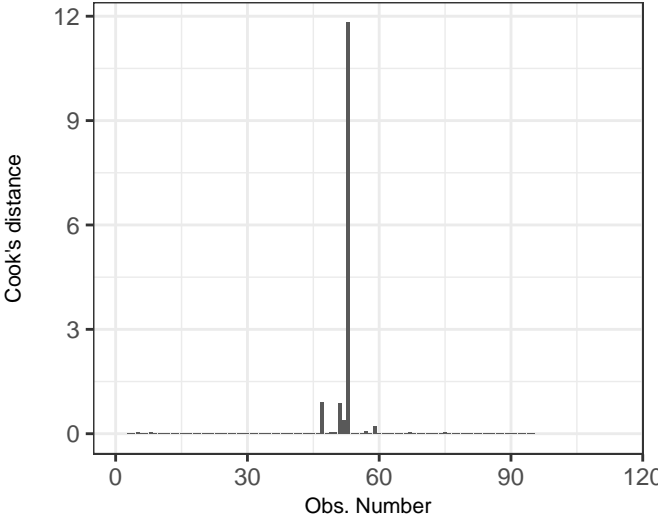
Residual vs Fitted Plot



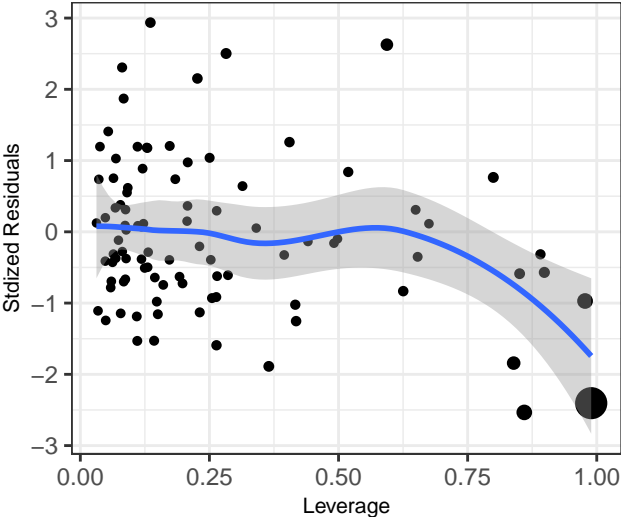
Normal Q-Q



Cook's distance



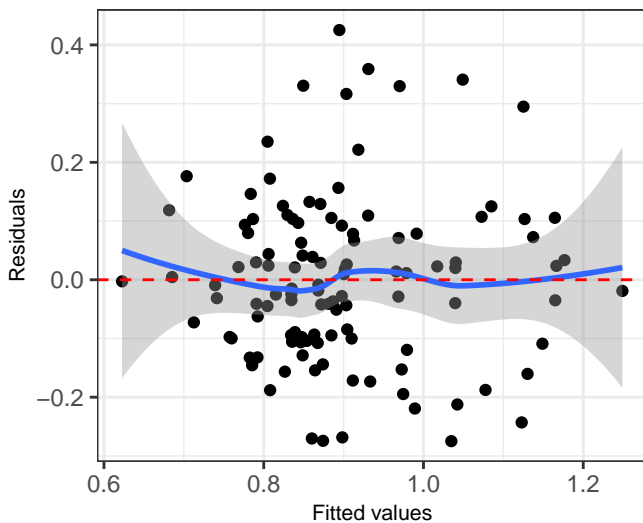
Residual vs Leverage Plot



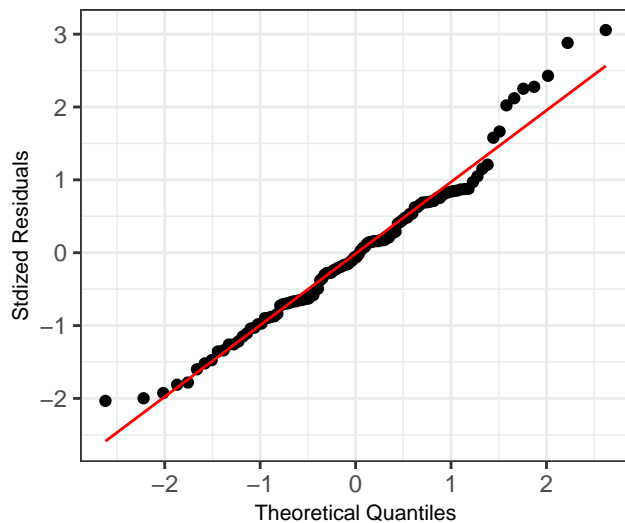
Cook's Distance    ● 3    ● 6    ● 9

## Diagnostic plots 2

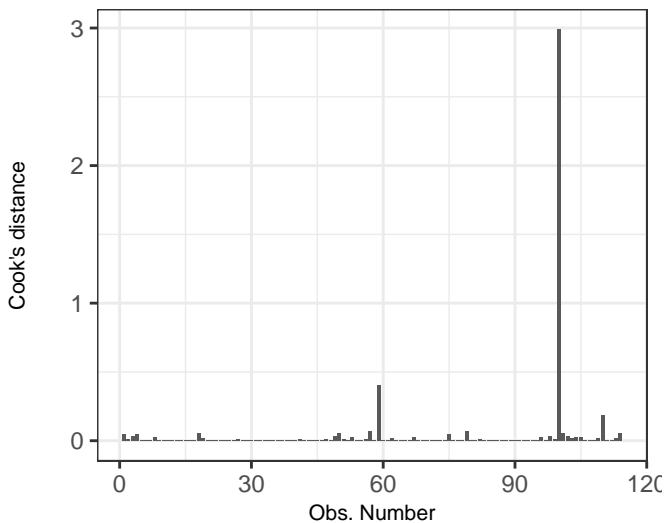
Residual vs Fitted Plot



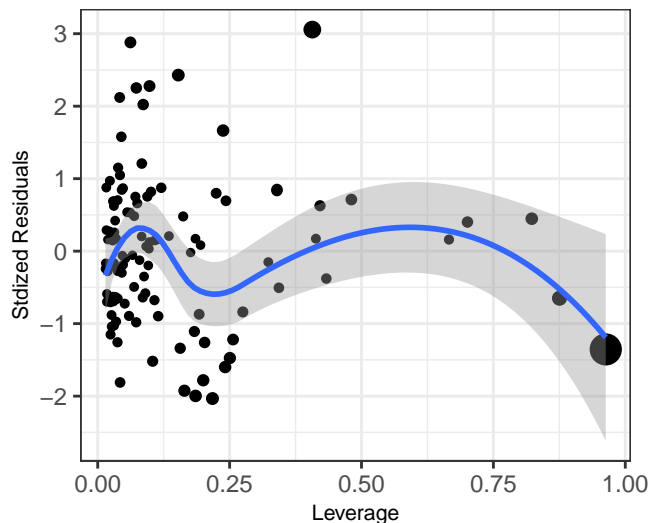
Normal Q-Q



Cook's distance



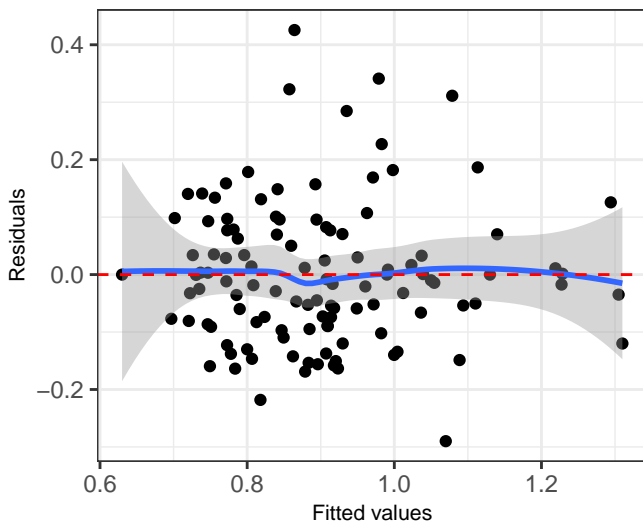
Residual vs Leverage Plot



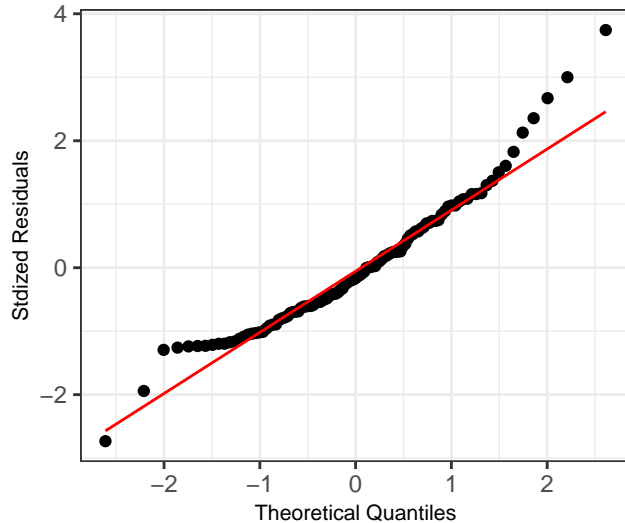
Cook's Distance ● 1 ● 2

# Diagnostic plots 3

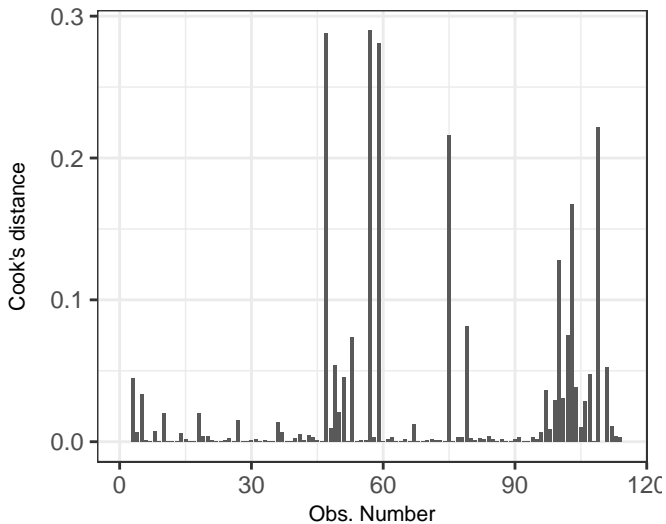
Residual vs Fitted Plot



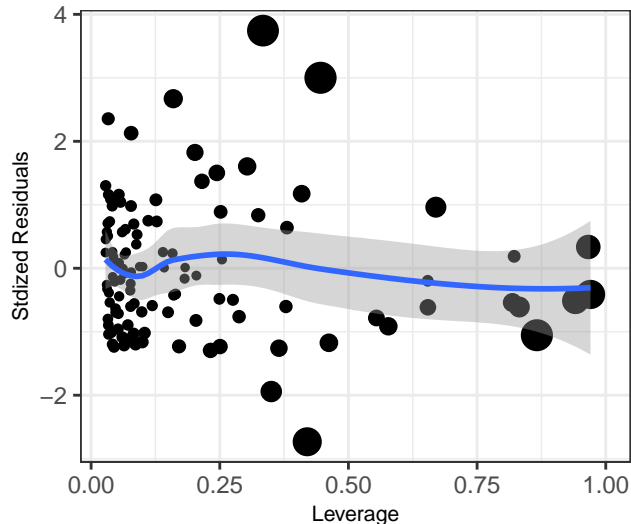
Normal Q-Q



Cook's distance



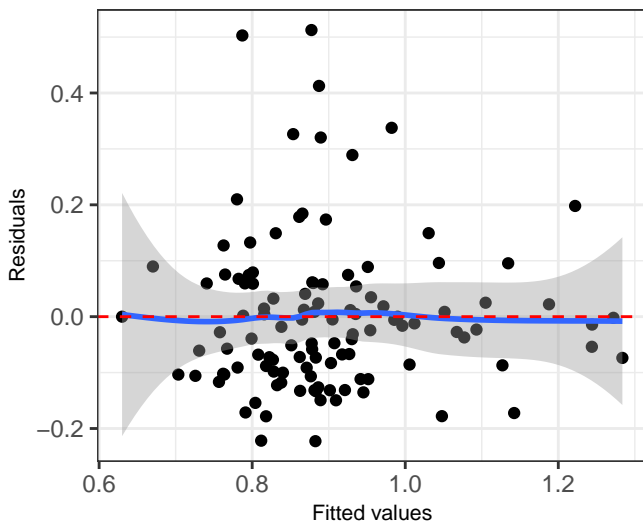
Residual vs Leverage Plot



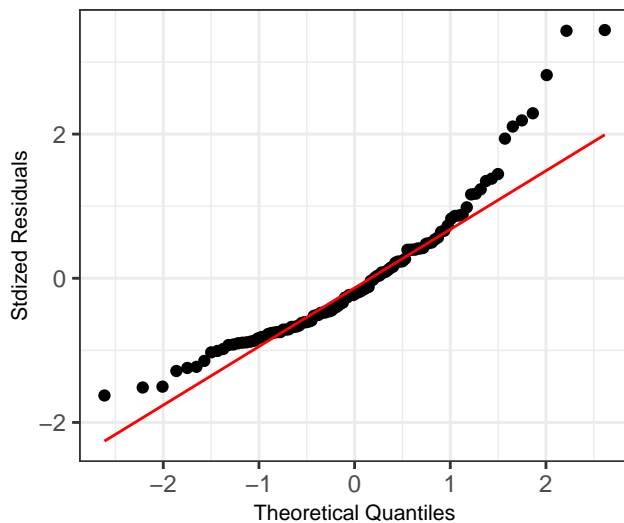
Cook's Distance ● 0.1 ● 0.2

# Diagnostic plots 4

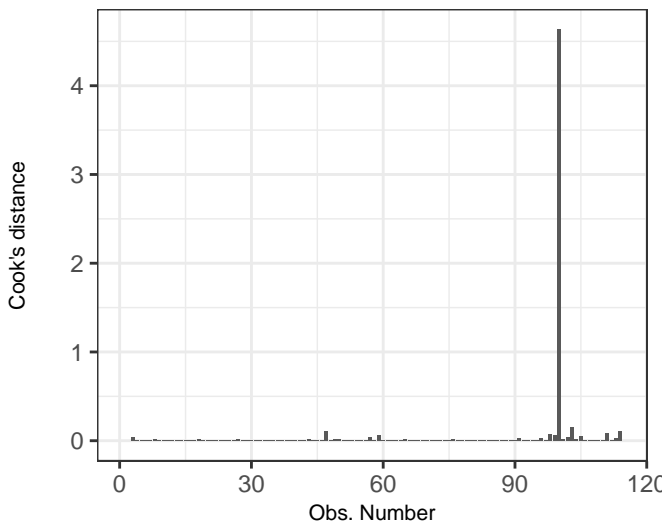
Residual vs Fitted Plot



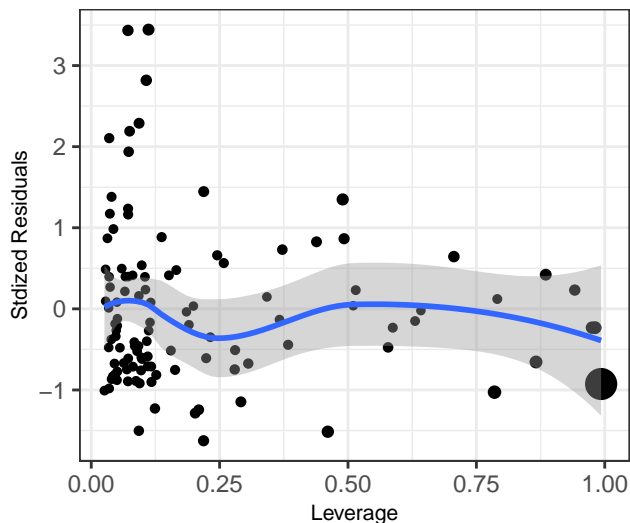
Normal Q-Q



Cook's distance



Residual vs Leverage Plot



Cook's Distance

● 1

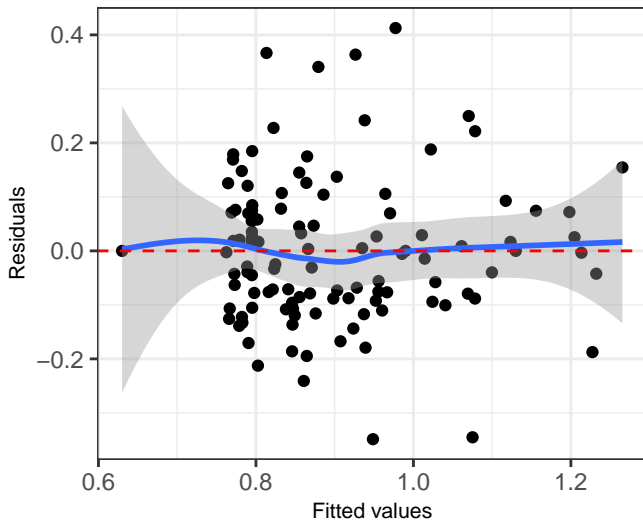
● 2

● 3

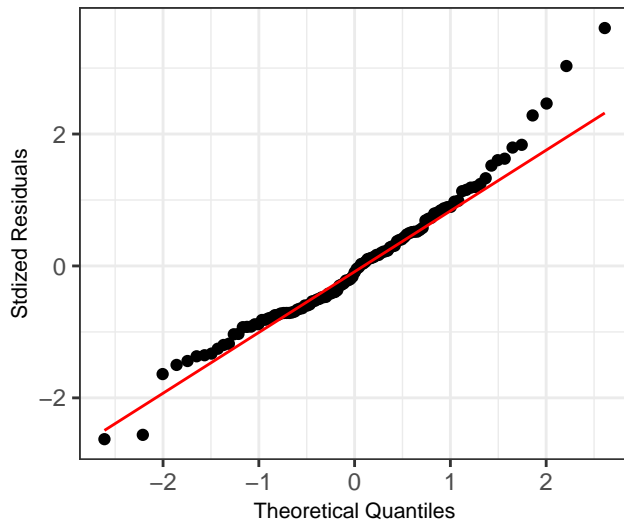
● 4

# Diagnostic plots 5

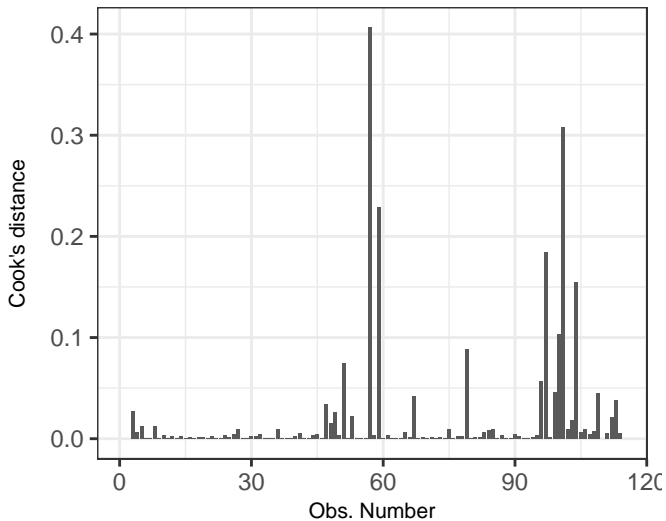
Residual vs Fitted Plot



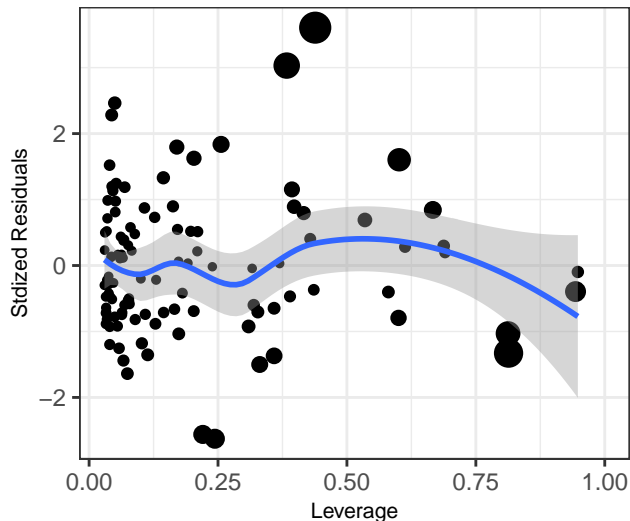
Normal Q-Q



Cook's distance



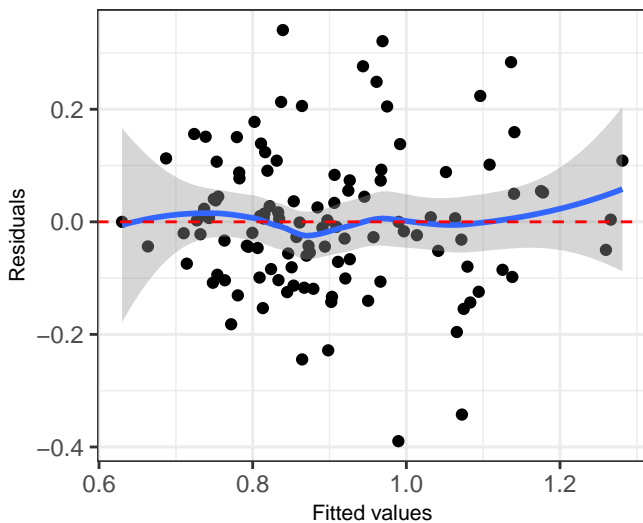
Residual vs Leverage Plot



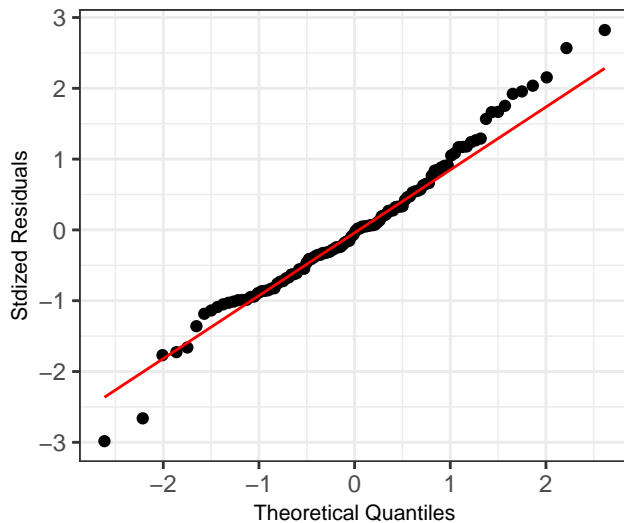
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4

# Diagnostic plots 6

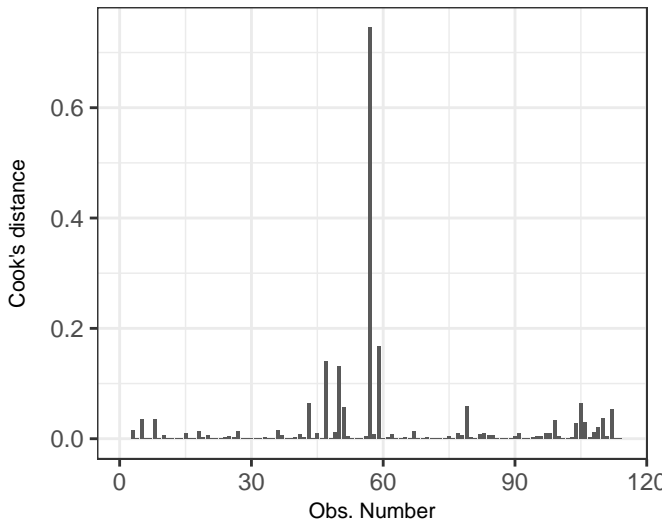
Residual vs Fitted Plot



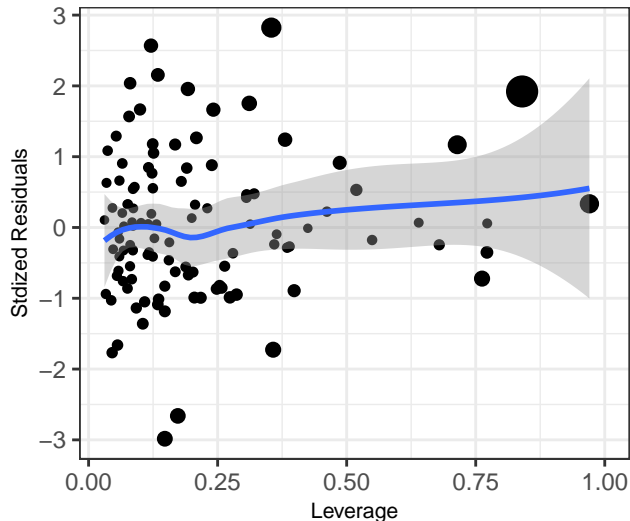
Normal Q-Q



Cook's distance



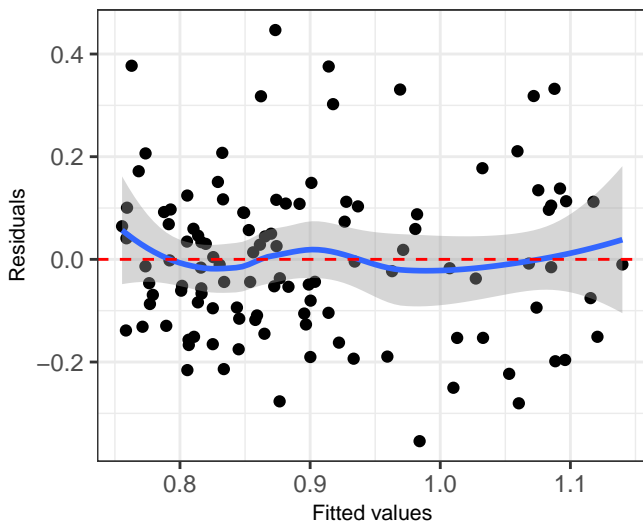
Residual vs Leverage Plot



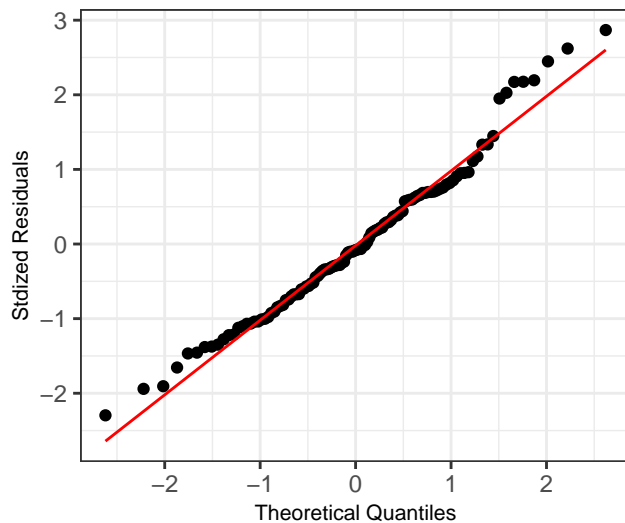
Cook's Distance    ● 0.2    ● 0.4    ● 0.6

# Diagnostic plots 7

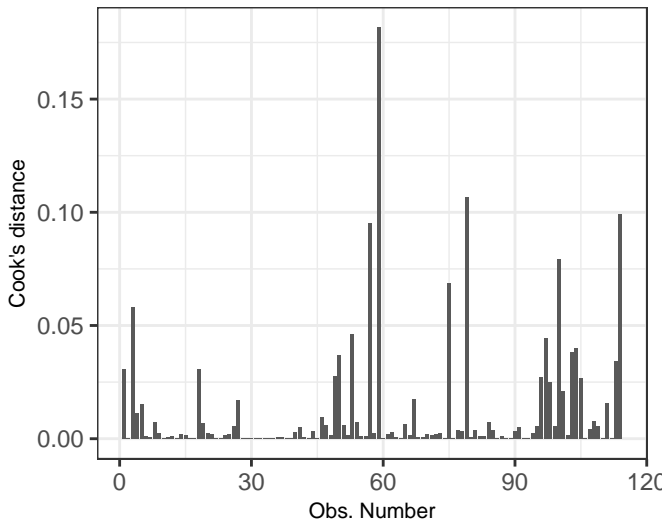
Residual vs Fitted Plot



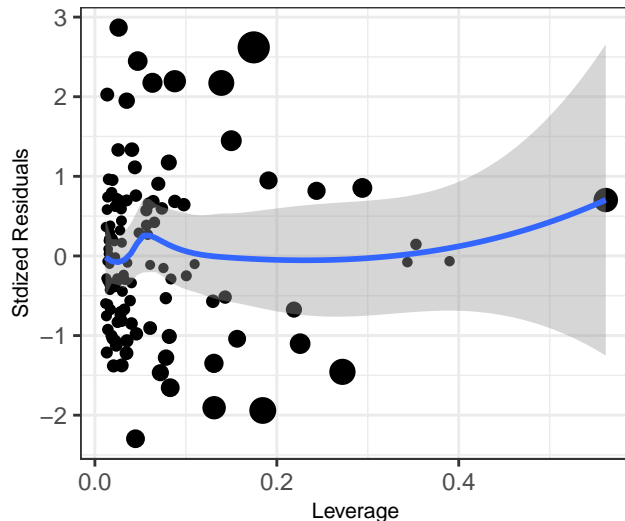
Normal Q-Q



Cook's distance

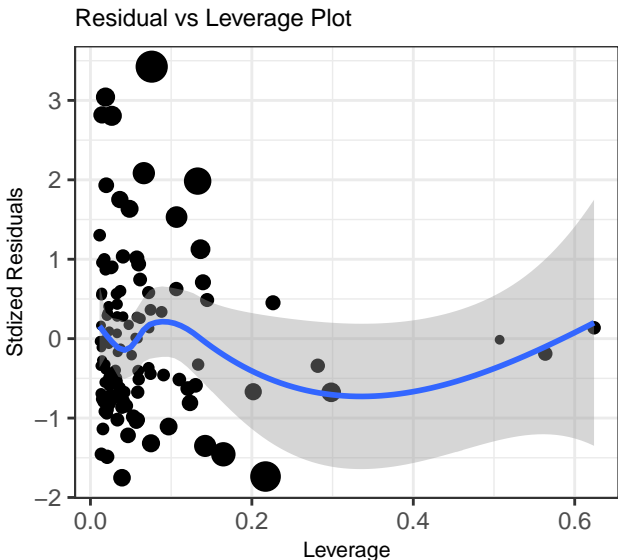
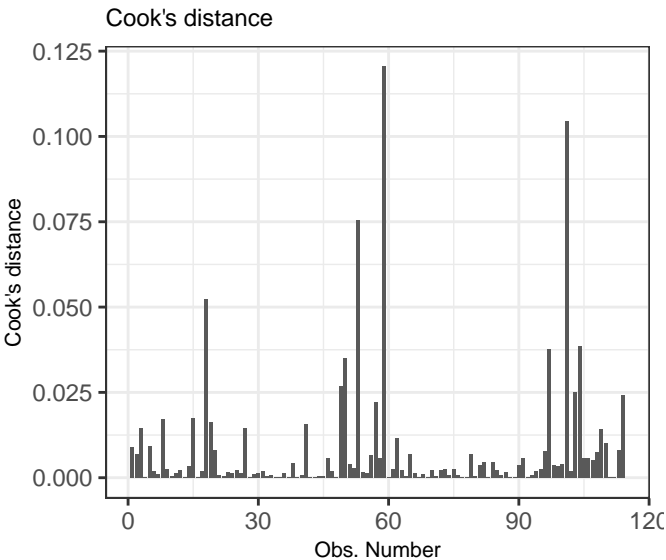
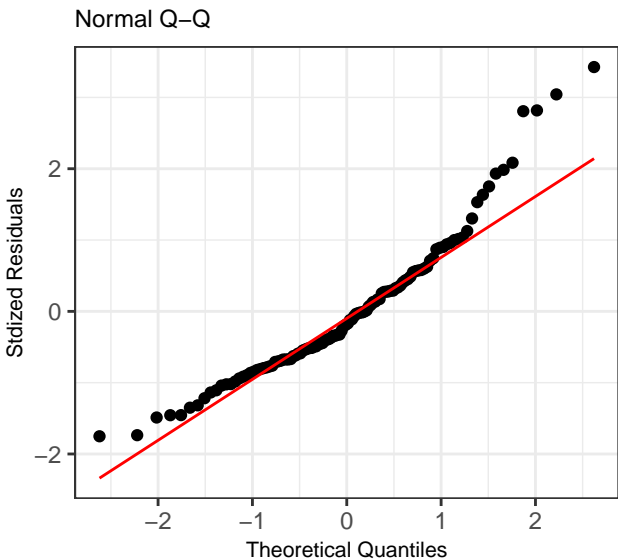
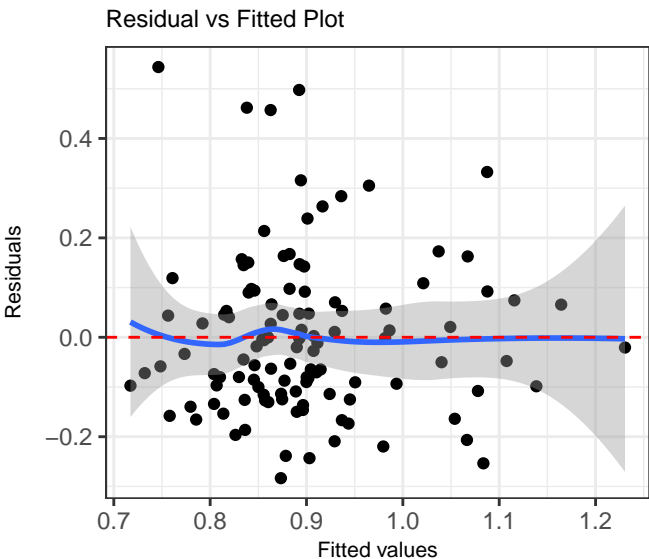


Residual vs Leverage Plot



Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots 8

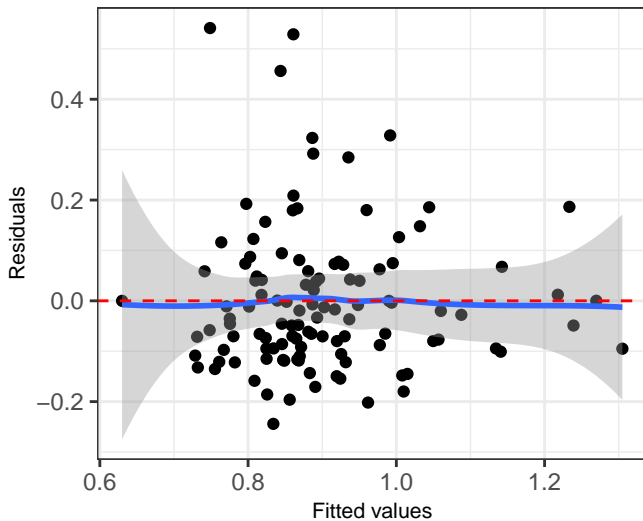


Cook's Distance    ● 0.03    ● 0.06    ● 0.09    ●

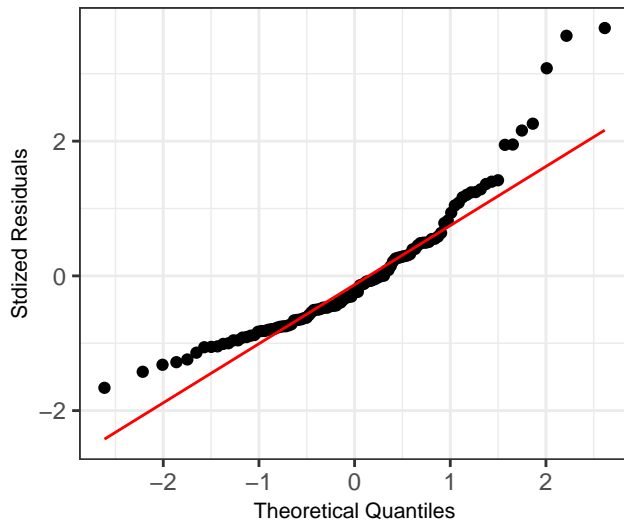


# Diagnostic plots 9

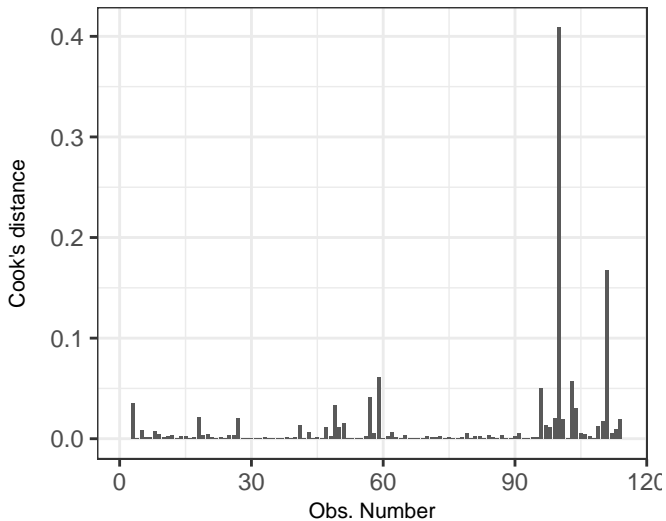
Residual vs Fitted Plot



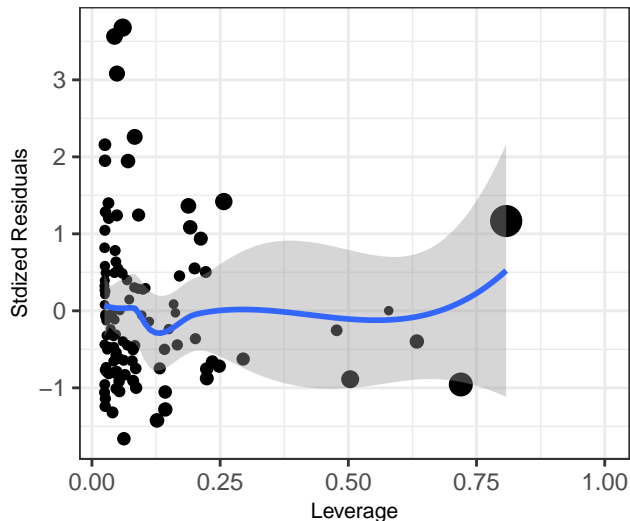
Normal Q-Q



Cook's distance



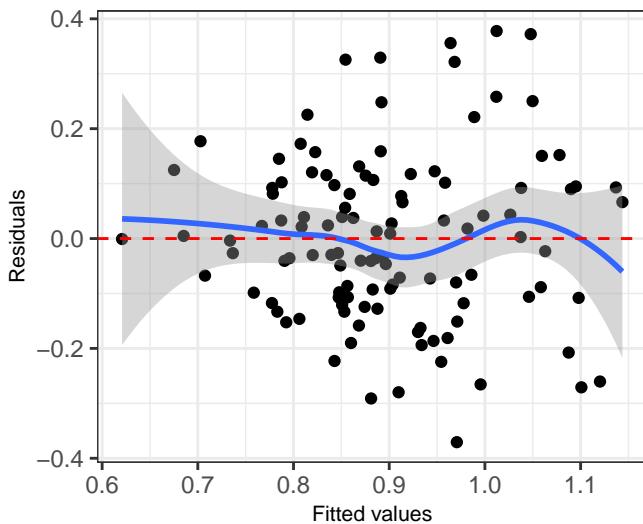
Residual vs Leverage Plot



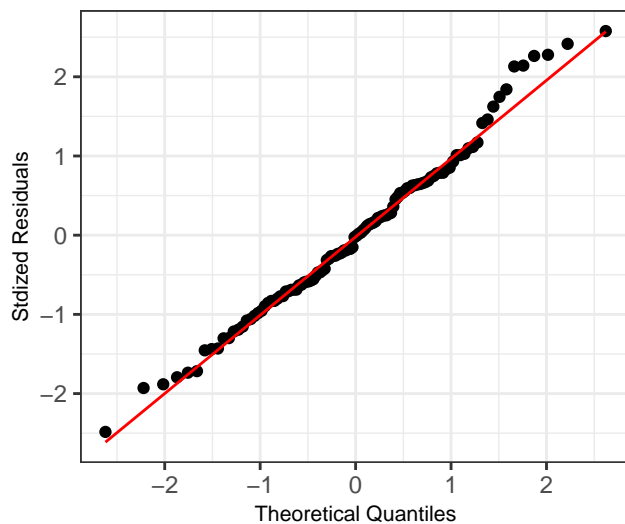
Cook's Distance ● 0.1 ● 0.2 ● 0.3 ● 0.4

# Diagnostic plots 10

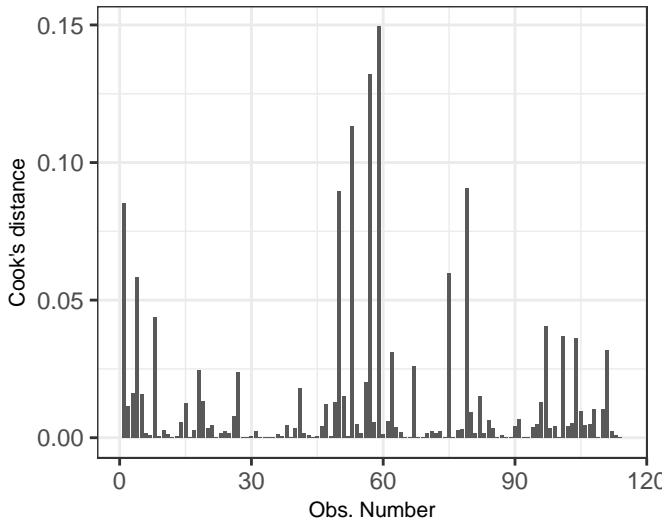
Residual vs Fitted Plot



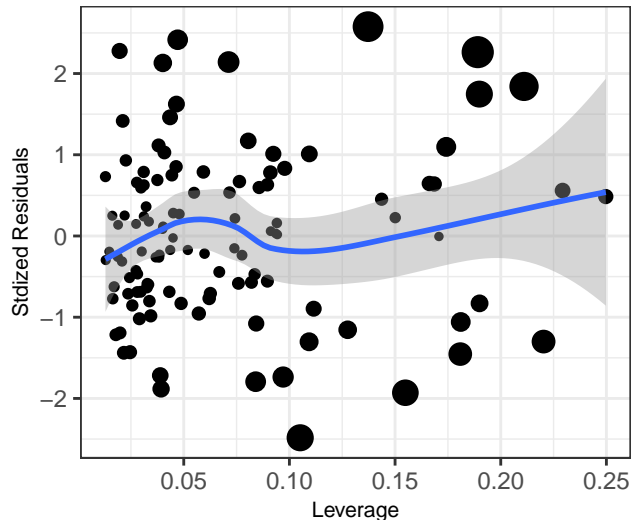
Normal Q-Q



Cook's distance



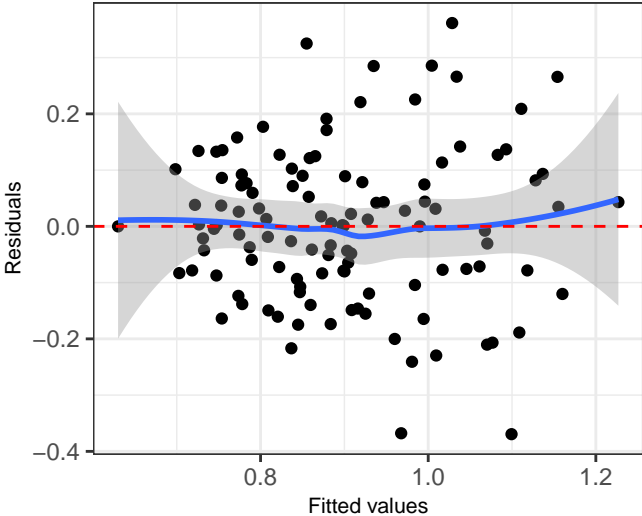
Residual vs Leverage Plot



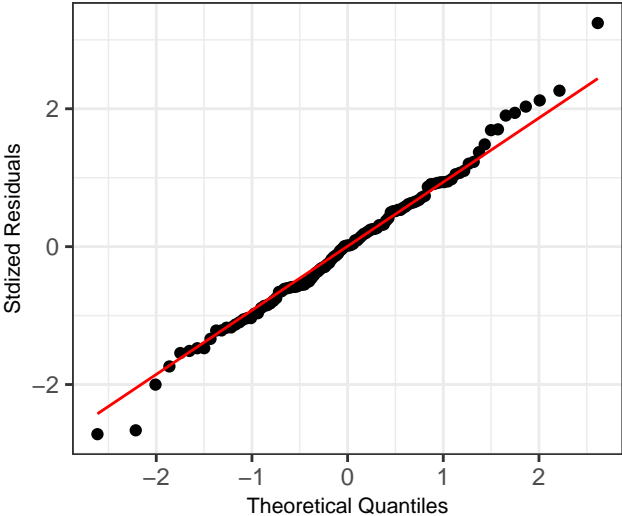
Cook's Distance ● 0.05 ● 0.10

# Diagnostic plots 11

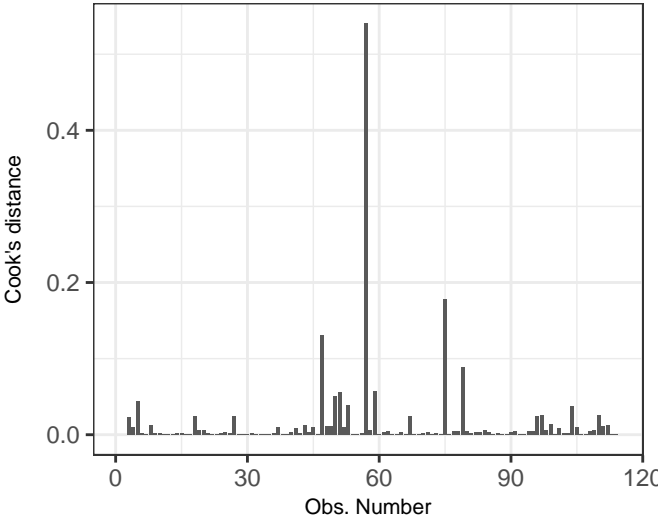
Residual vs Fitted Plot



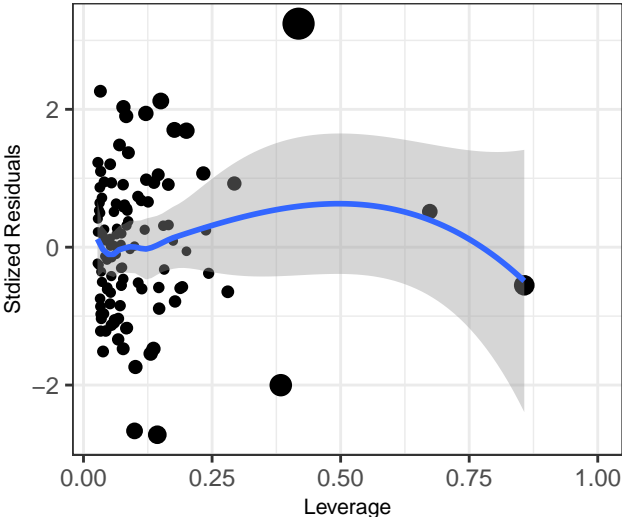
Normal Q-Q



Cook's distance



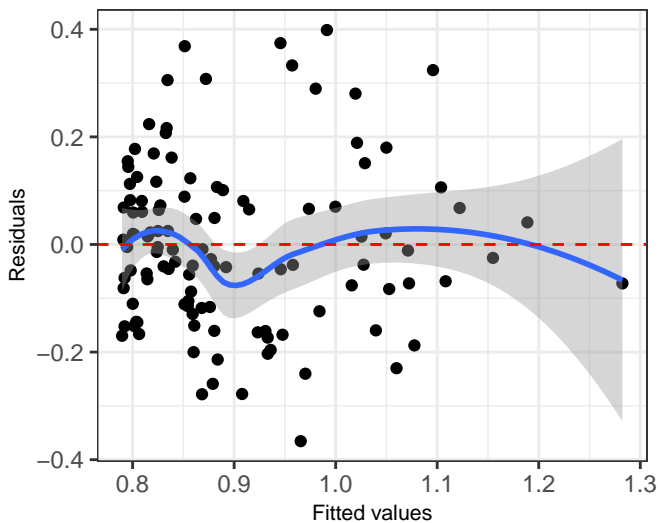
Residual vs Leverage Plot



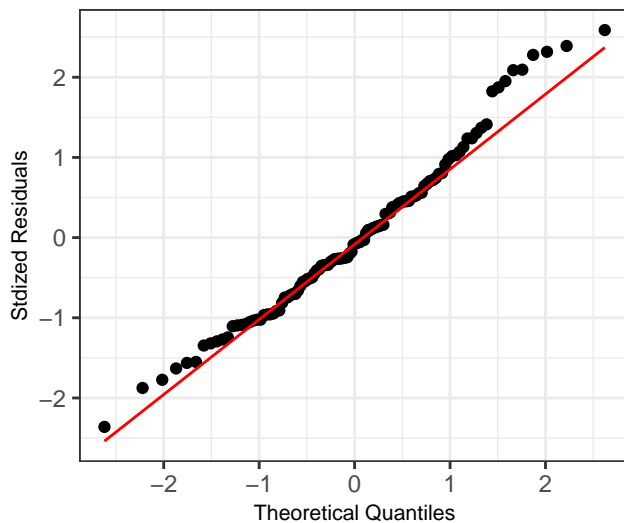
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots 12

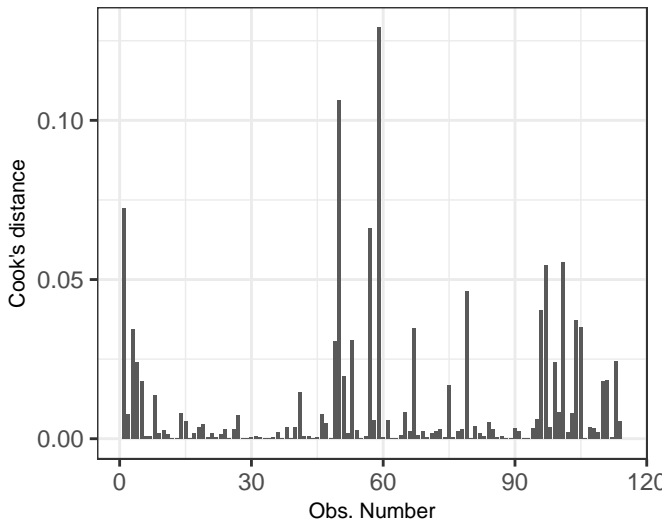
Residual vs Fitted Plot



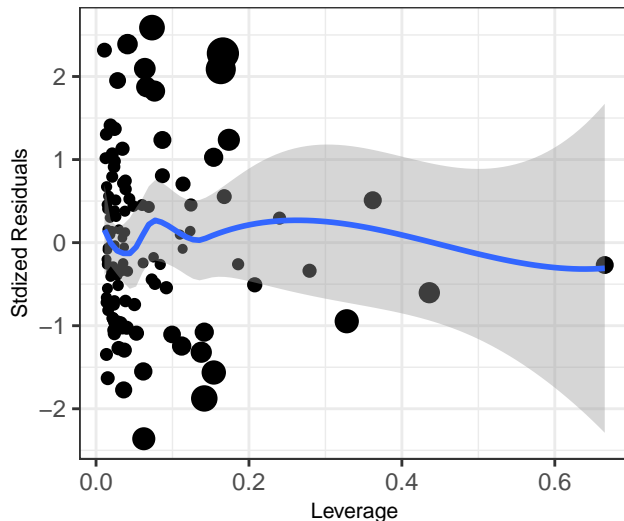
Normal Q-Q



Cook's distance



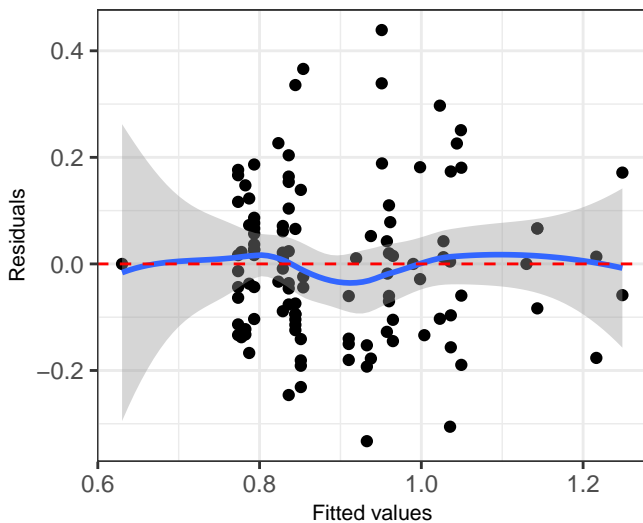
Residual vs Leverage Plot



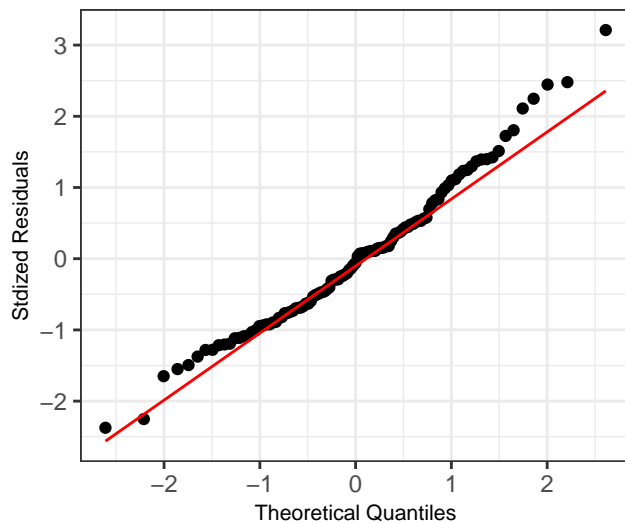
Cook's Distance    ● 0.025    ● 0.050    ● 0.075    ● 0.100

# Diagnostic plots 13

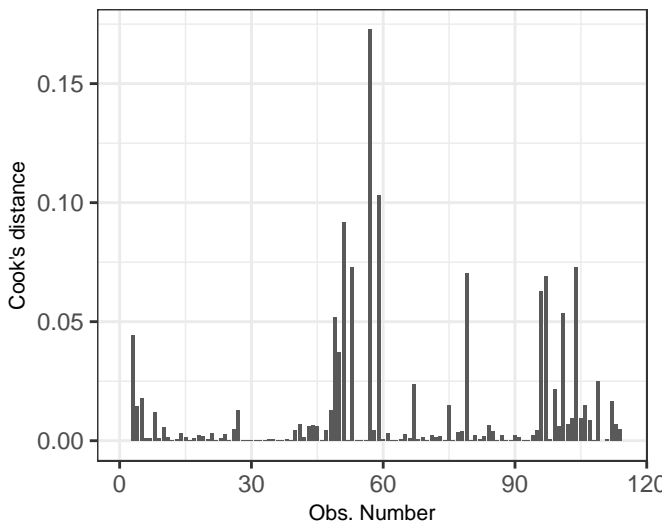
Residual vs Fitted Plot



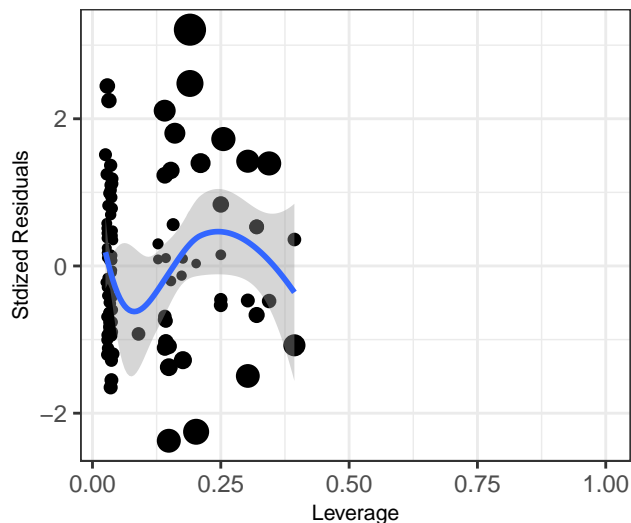
Normal Q-Q



Cook's distance



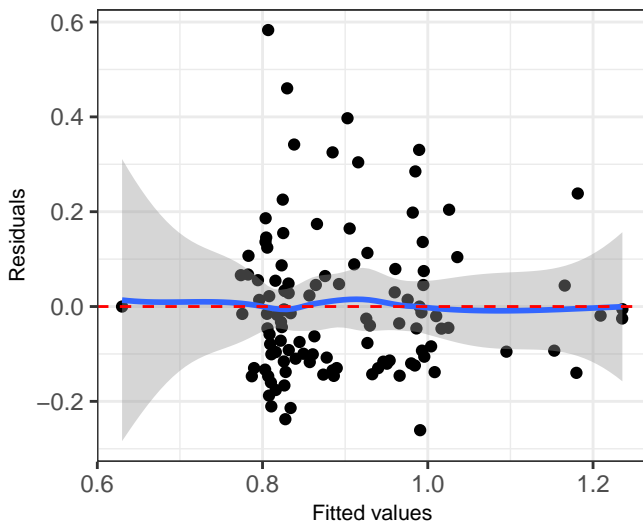
Residual vs Leverage Plot



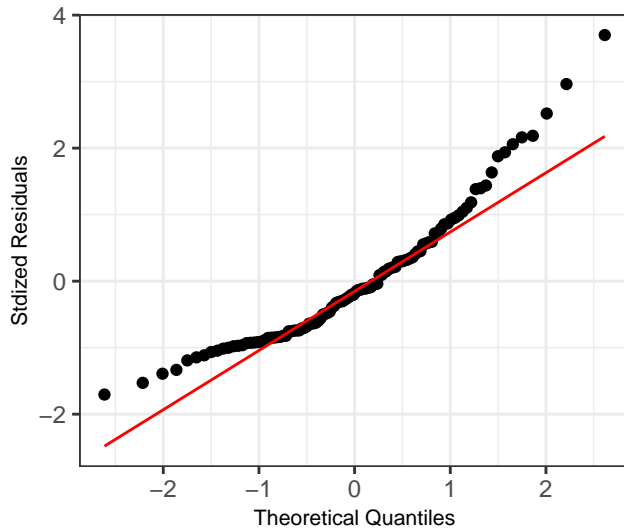
Cook's Distance    ● 0.04    ● 0.08    ● 0.12    ● 0.16

# Diagnostic plots 14

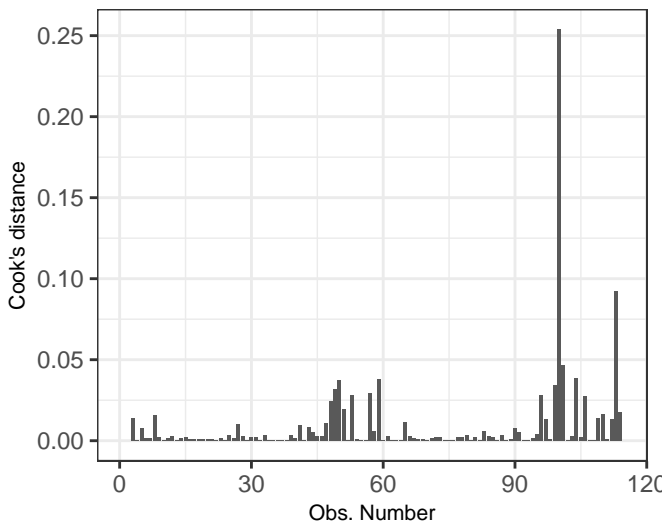
Residual vs Fitted Plot



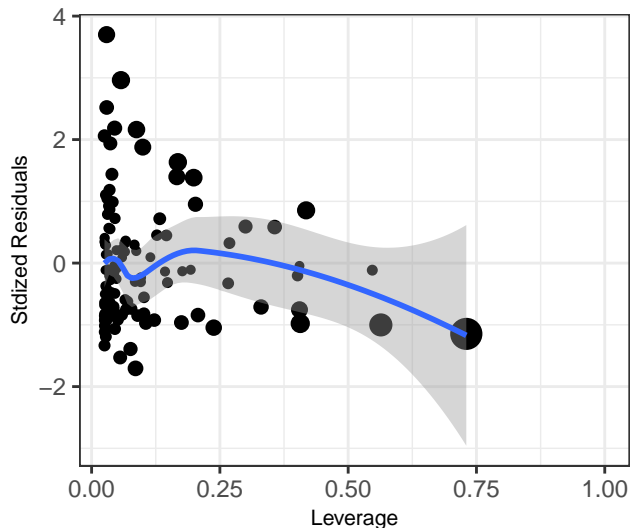
Normal Q-Q



Cook's distance



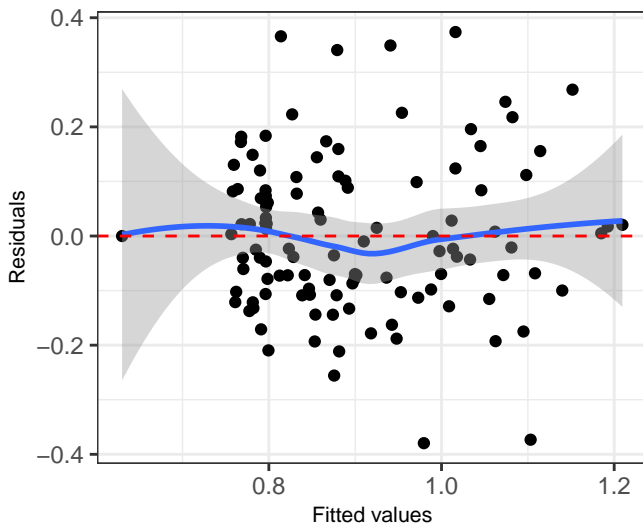
Residual vs Leverage Plot



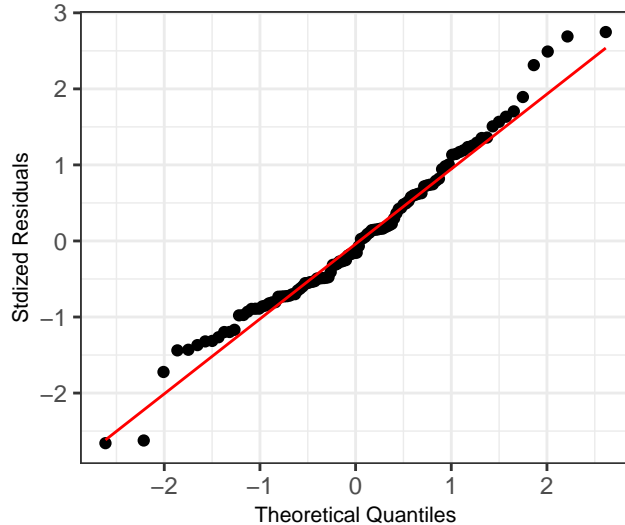
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ● 0.20

# Diagnostic plots 15

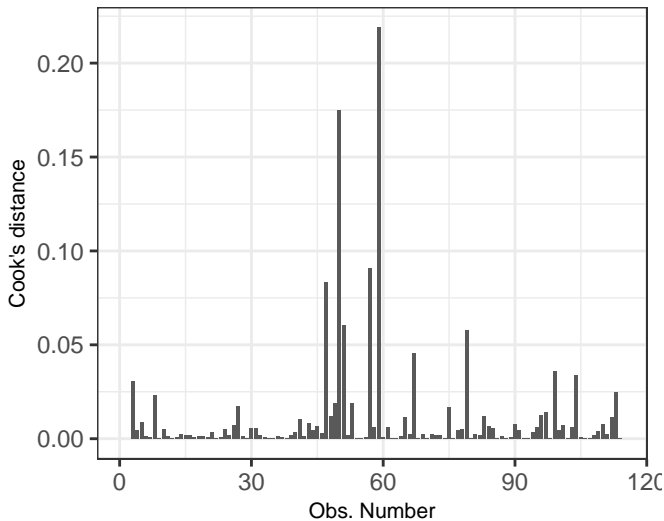
Residual vs Fitted Plot



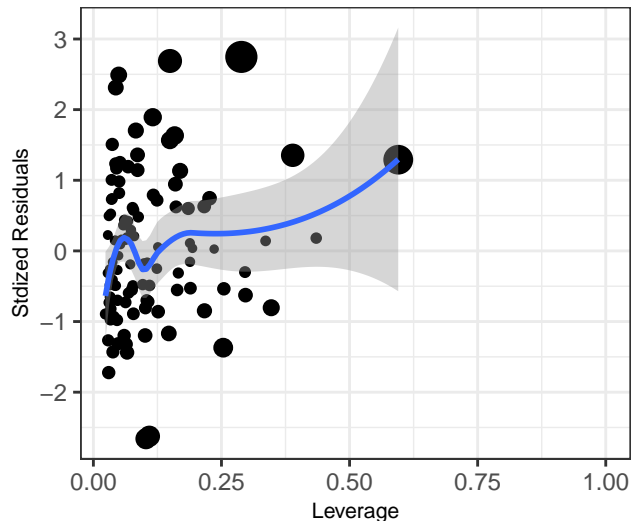
Normal Q-Q



Cook's distance



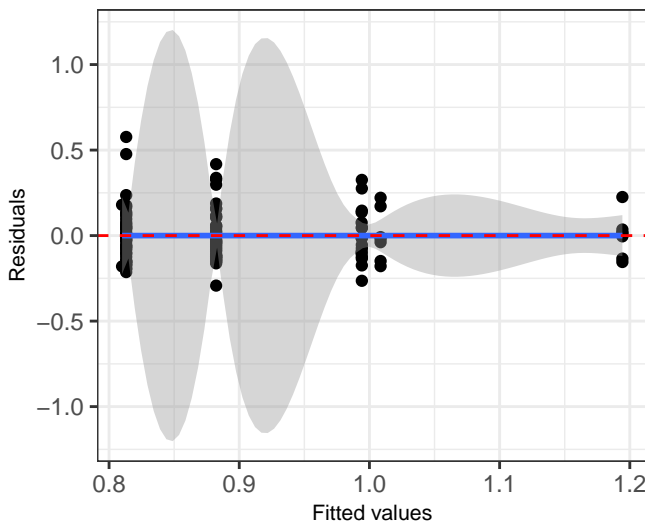
Residual vs Leverage Plot



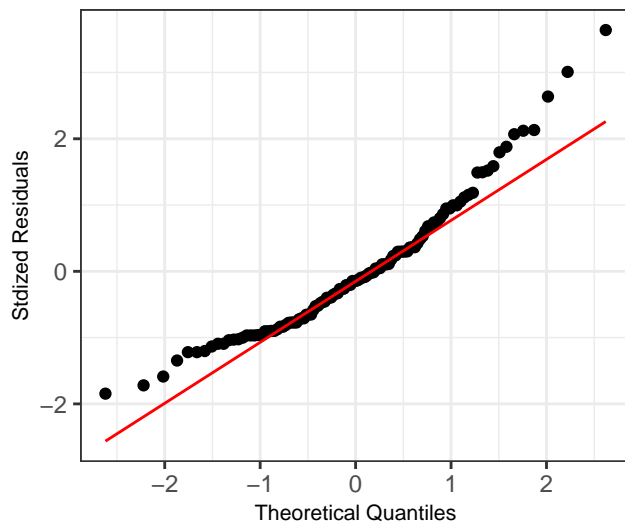
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ● 0.20

# Diagnostic plots 16

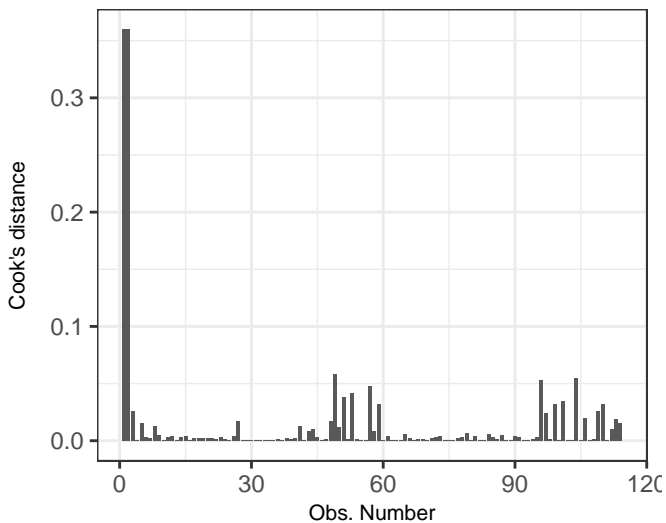
Residual vs Fitted Plot



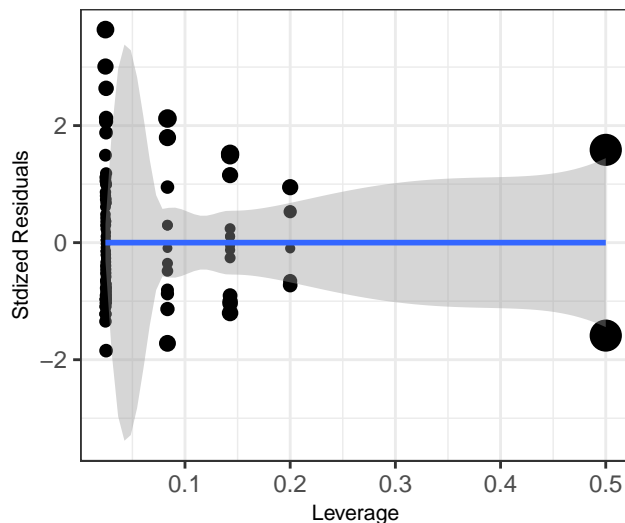
Normal Q-Q



Cook's distance



Residual vs Leverage Plot

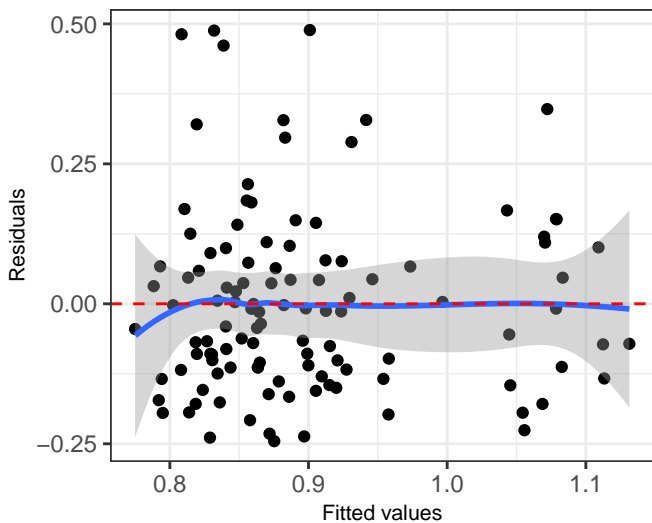


Cook's Distance ● 0.1 ● 0.2 ● 0.3

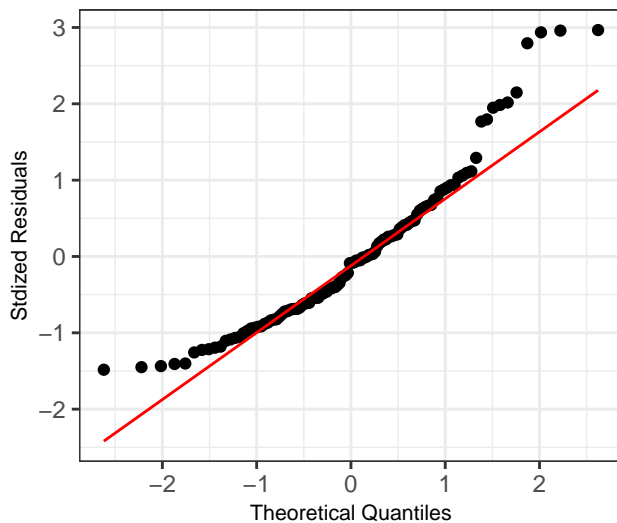


# Diagnostic plots 17

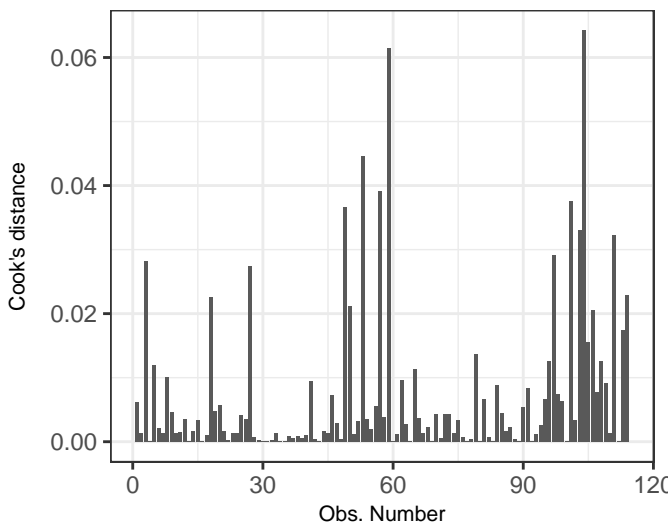
Residual vs Fitted Plot



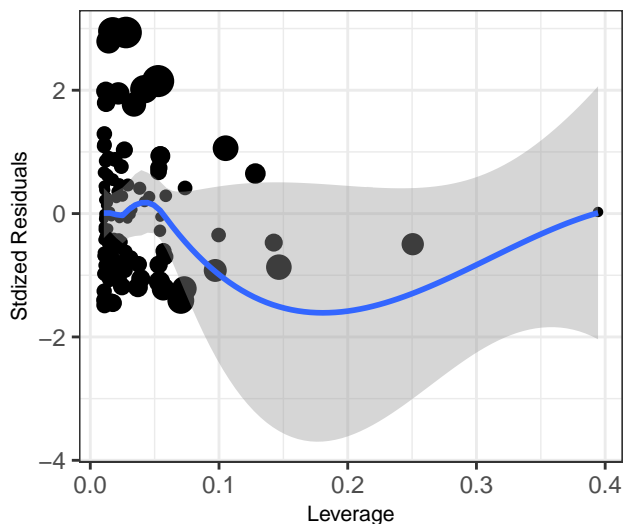
Normal Q-Q



Cook's distance

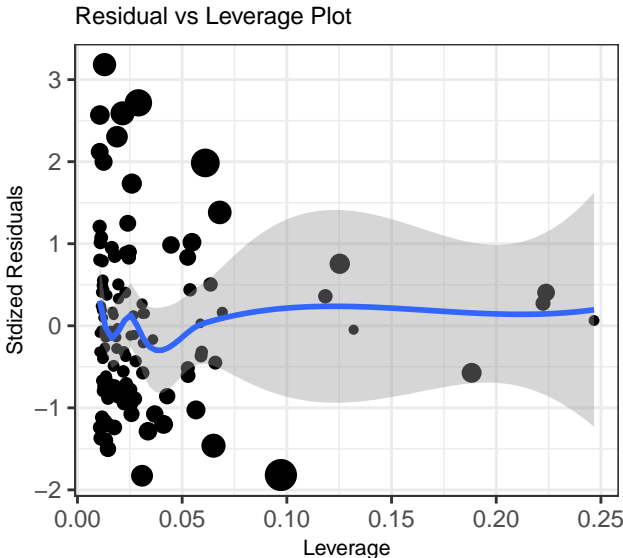
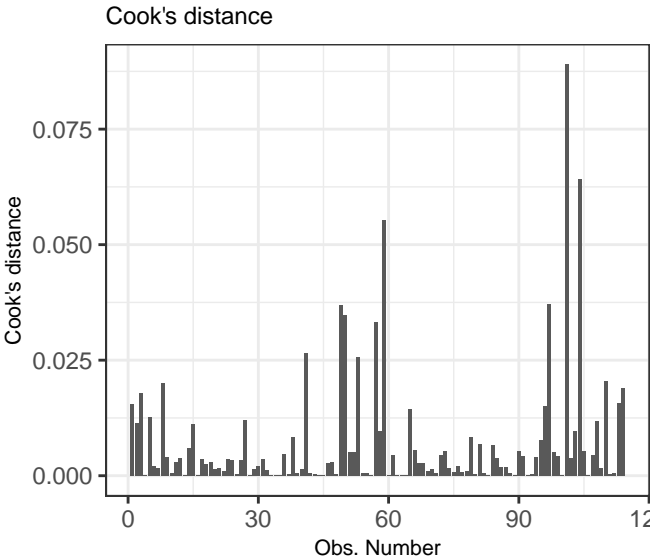
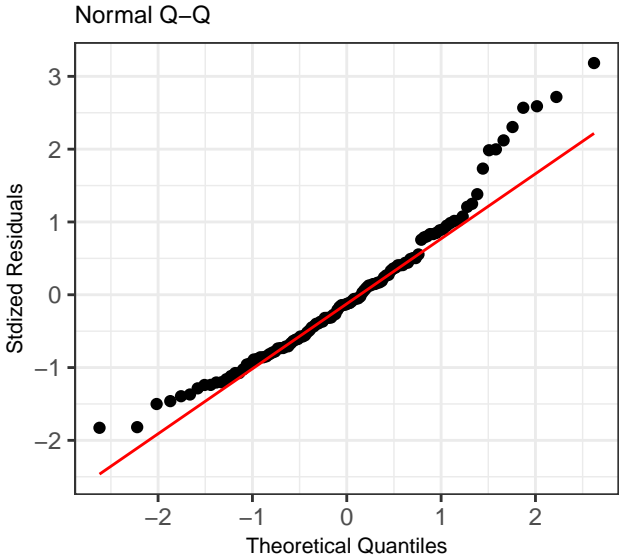
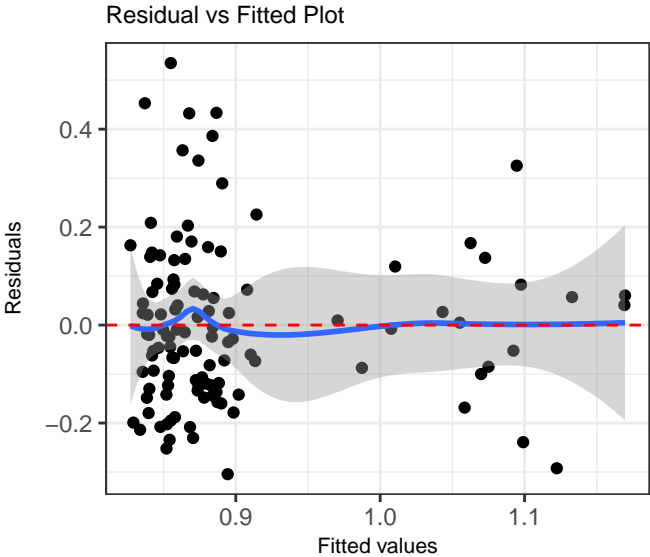


Residual vs Leverage Plot



Cook's Distance    ● 0.02    ● 0.04    ● 0.06

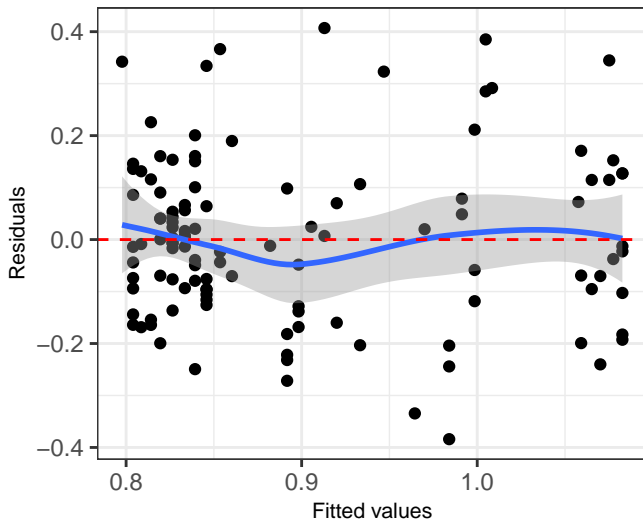
# Diagnostic plots 18



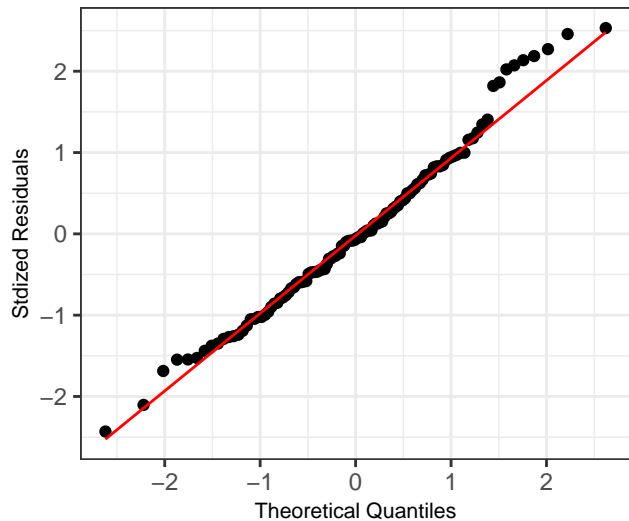
Cook's Distance    ● 0.02    ● 0.04    ● 0.06    ●

# Diagnostic plots 19

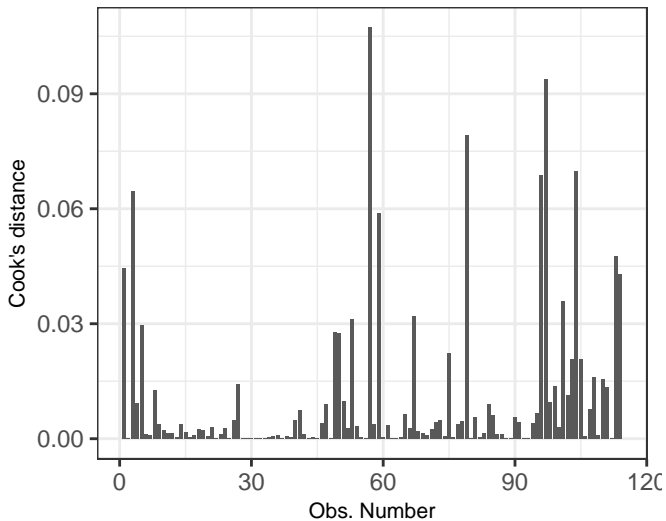
Residual vs Fitted Plot



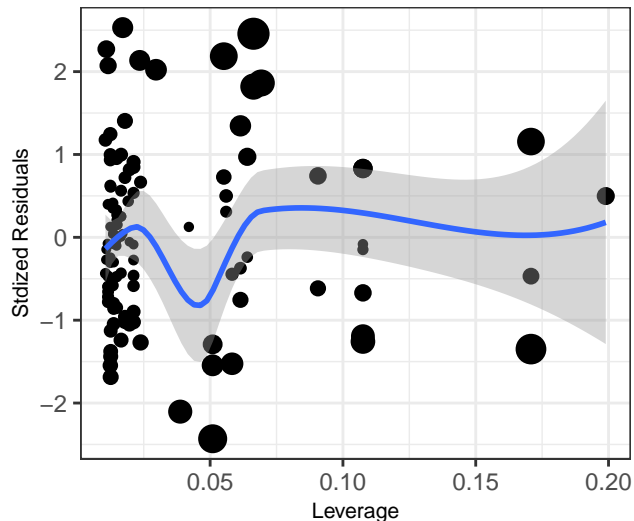
Normal Q-Q



Cook's distance



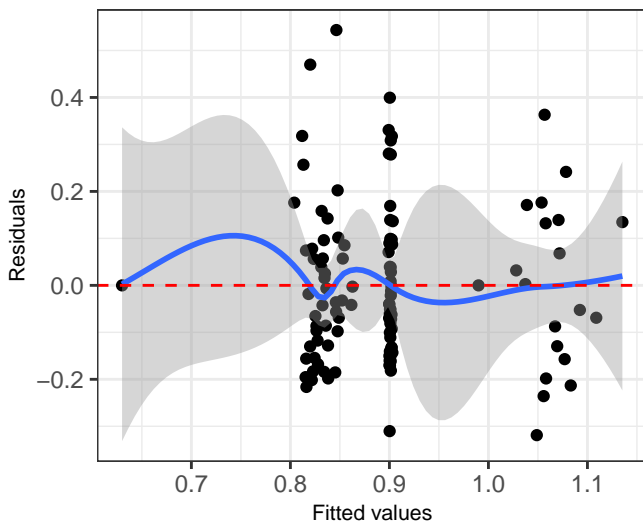
Residual vs Leverage Plot



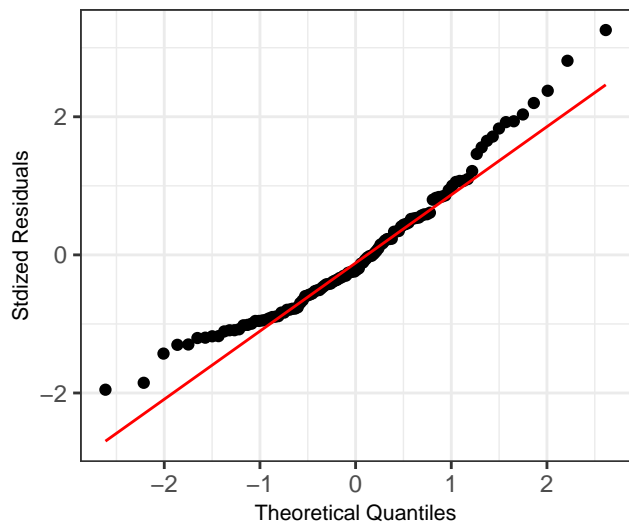
Cook's Distance    ● 0.025    ● 0.050    ● 0.075    ●

# Diagnostic plots 20

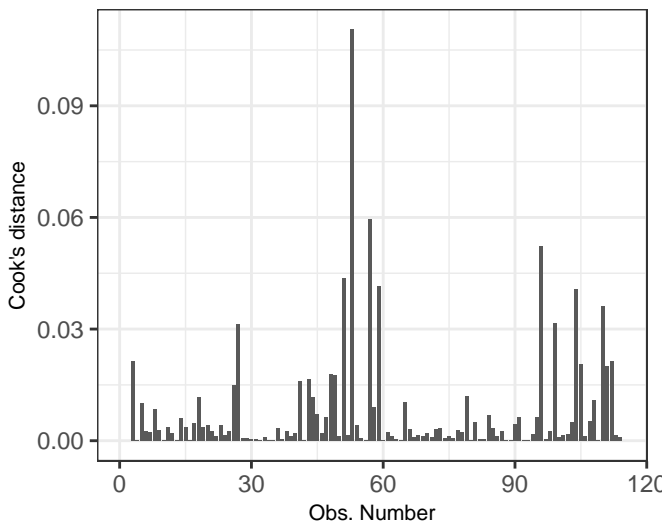
Residual vs Fitted Plot



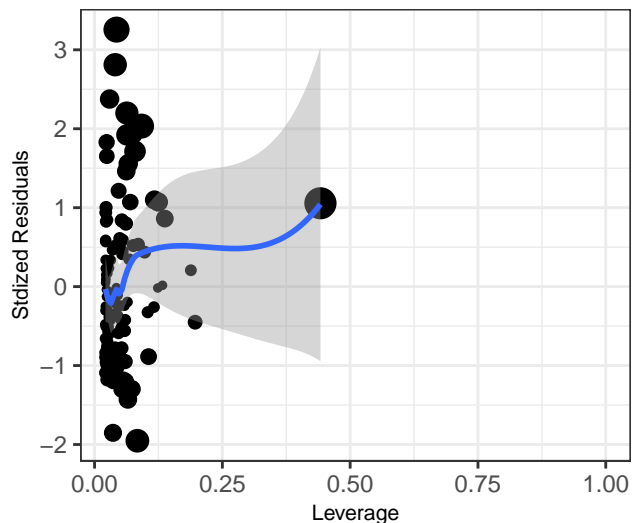
Normal Q-Q



Cook's distance

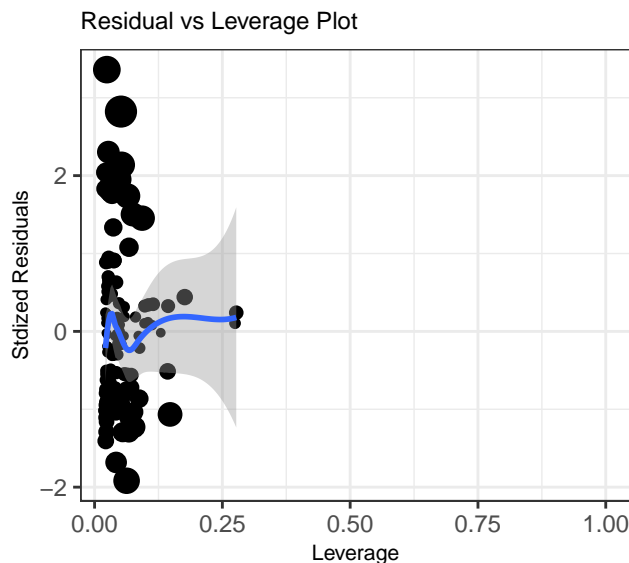
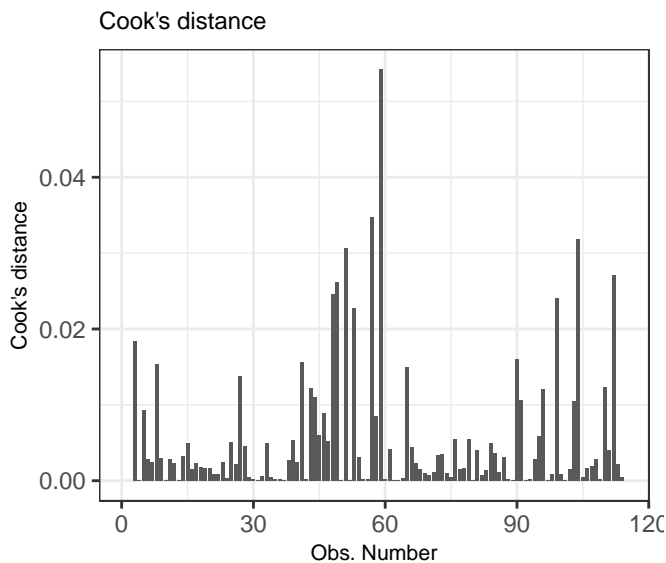
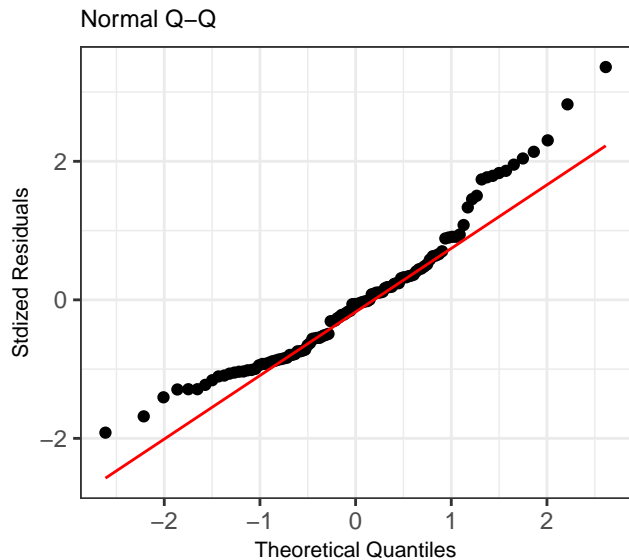
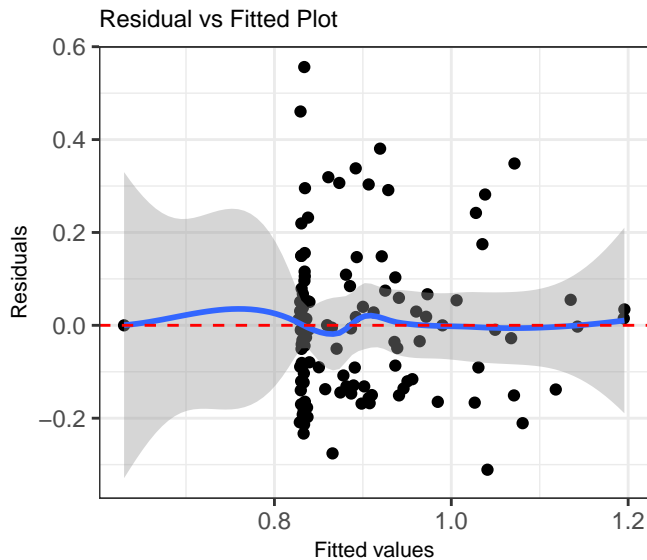


Residual vs Leverage Plot



Cook's Distance    ● 0.025    ● 0.050    ● 0.075    ●

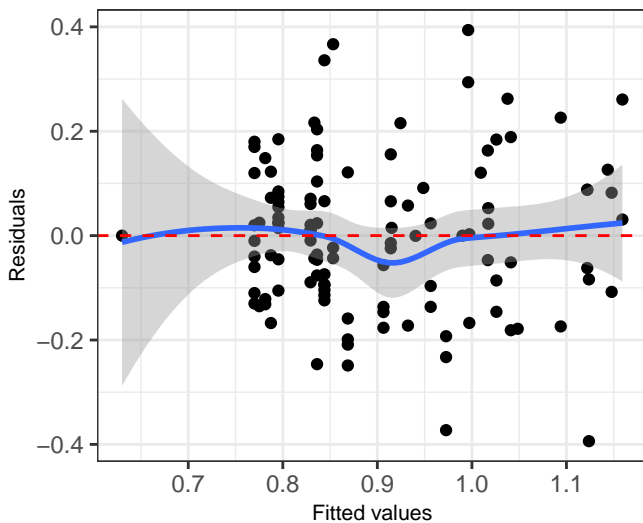
# Diagnostic plots 21



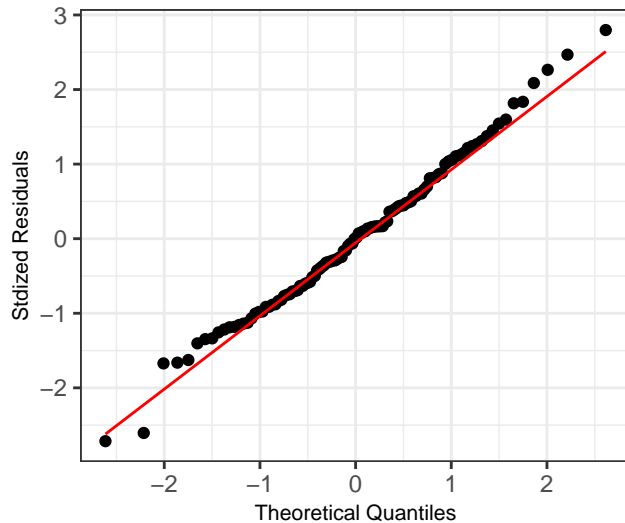
Cook's Distance    ● 0.01    ● 0.02    ● 0.03    ● 0.04

# Diagnostic plots 22

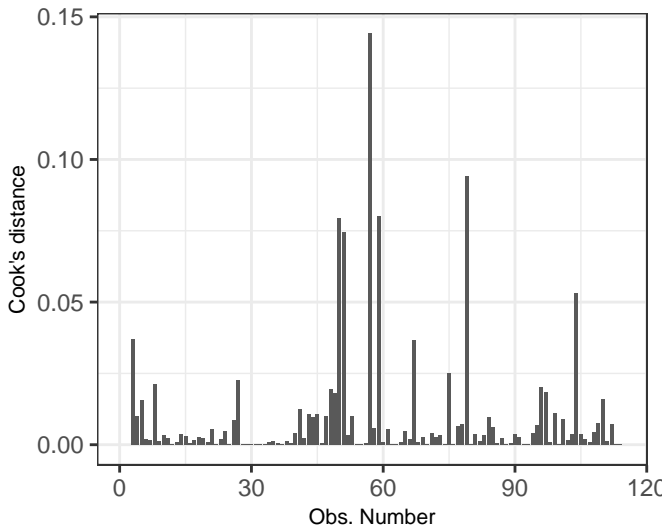
Residual vs Fitted Plot



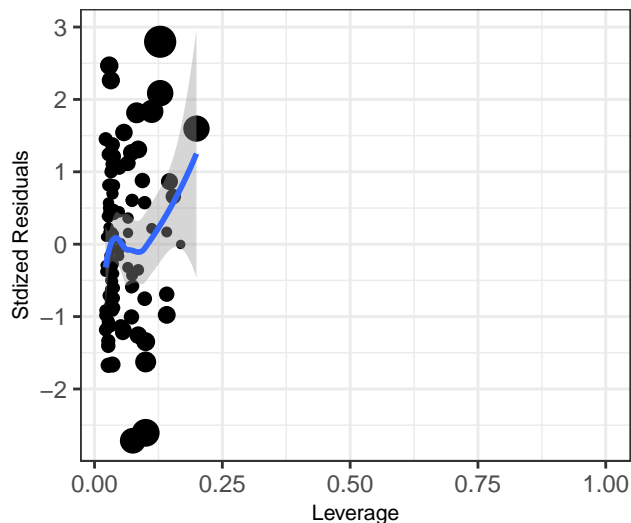
Normal Q-Q



Cook's distance



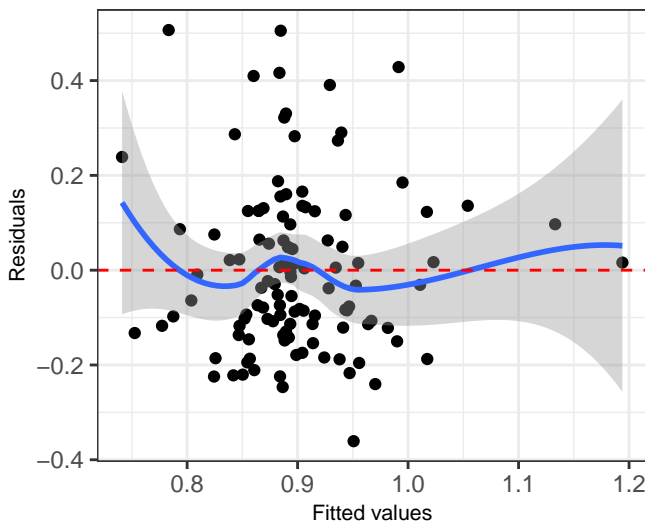
Residual vs Leverage Plot



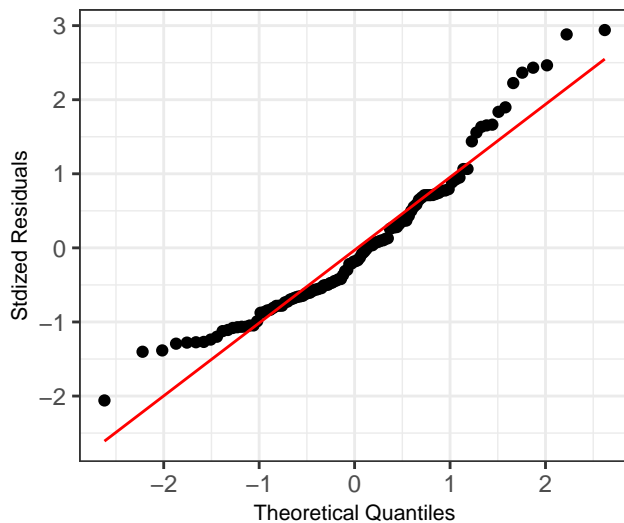
Cook's Distance    ● 0.05    ● 0.10

# Diagnostic plots 23

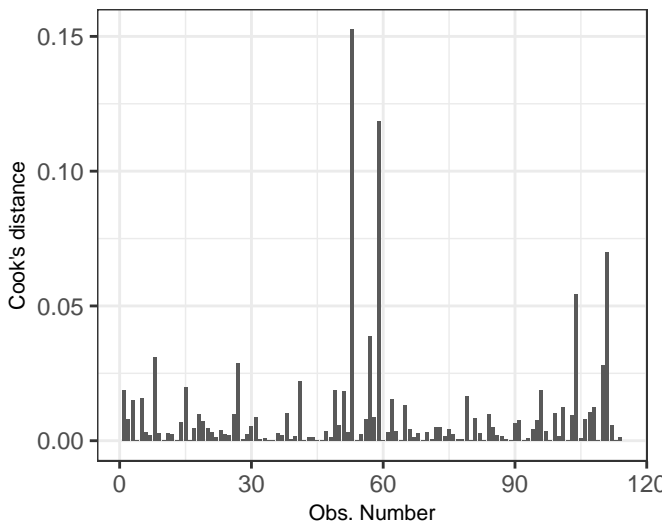
Residual vs Fitted Plot



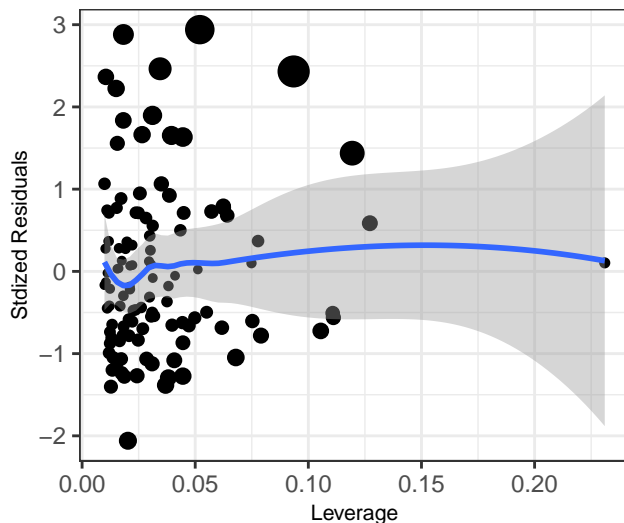
Normal Q-Q



Cook's distance



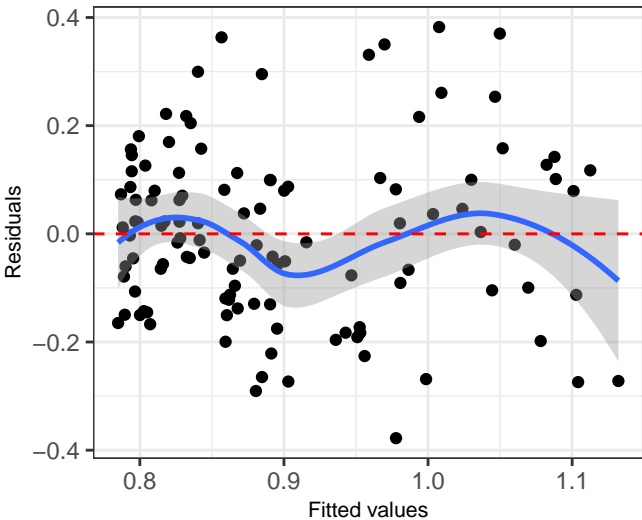
Residual vs Leverage Plot



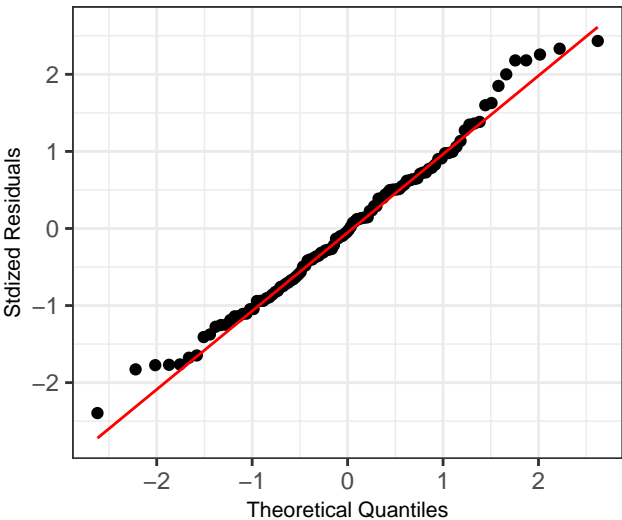
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots 24

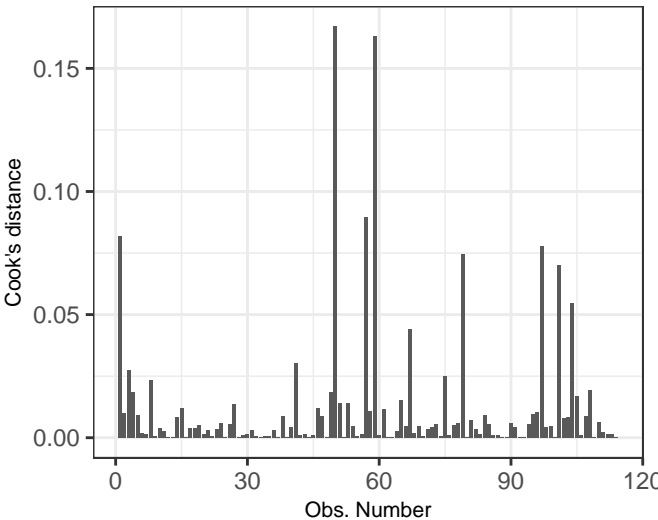
Residual vs Fitted Plot



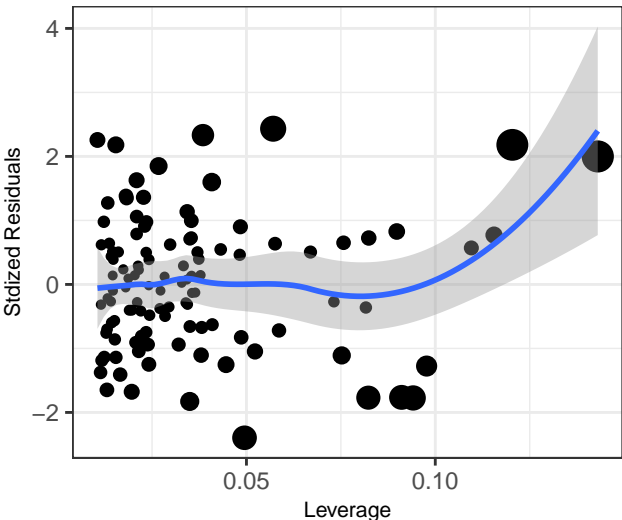
Normal Q-Q



Cook's distance



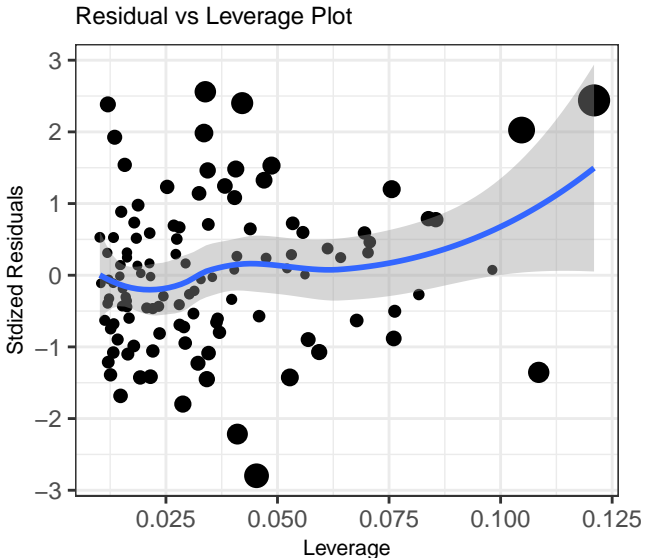
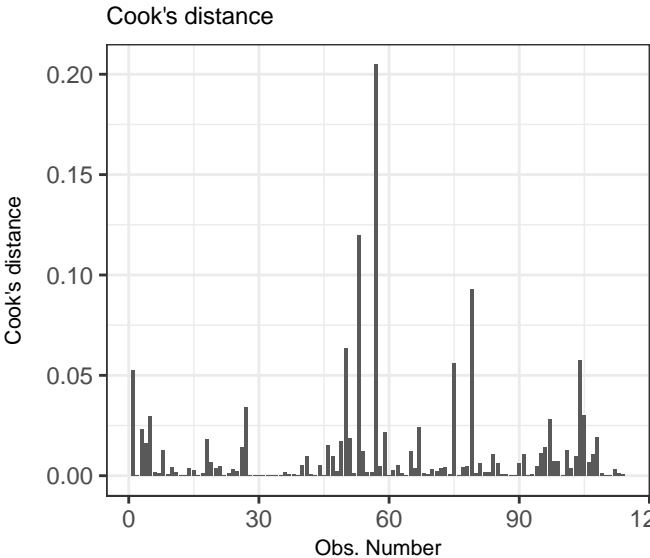
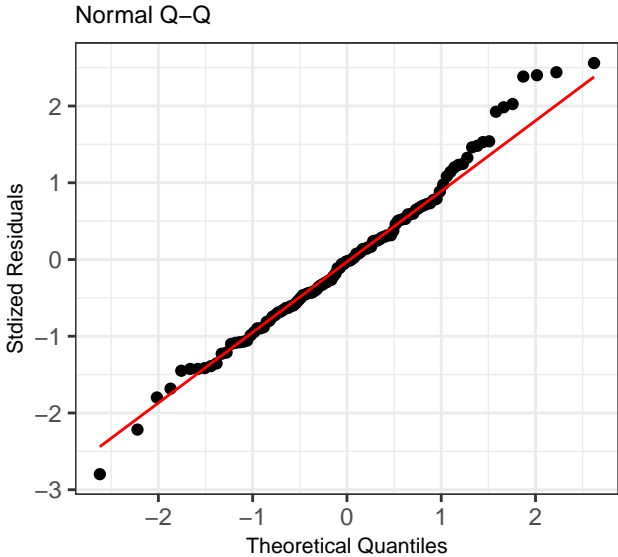
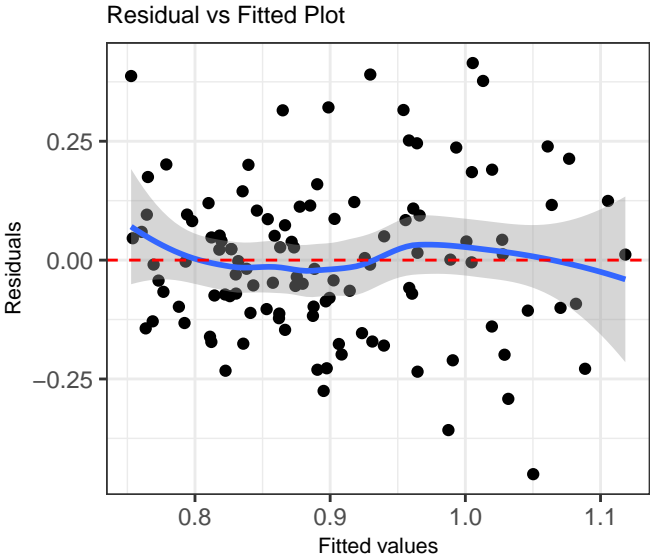
Residual vs Leverage Plot



Cook's Distance    ● 0.04    ● 0.08    ● 0.12    ● 0.16

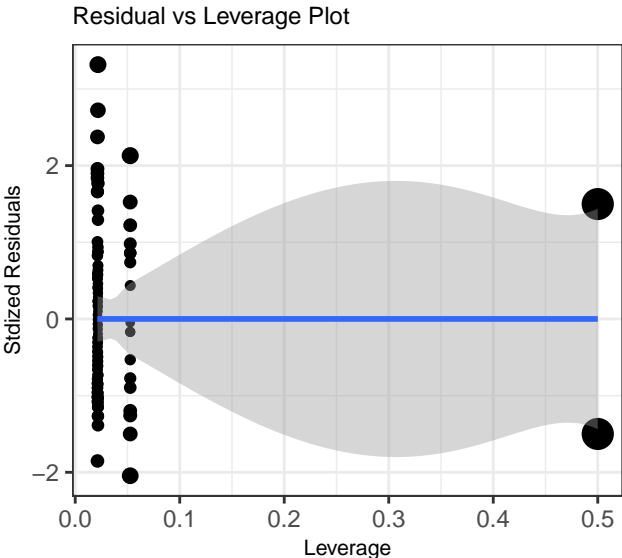
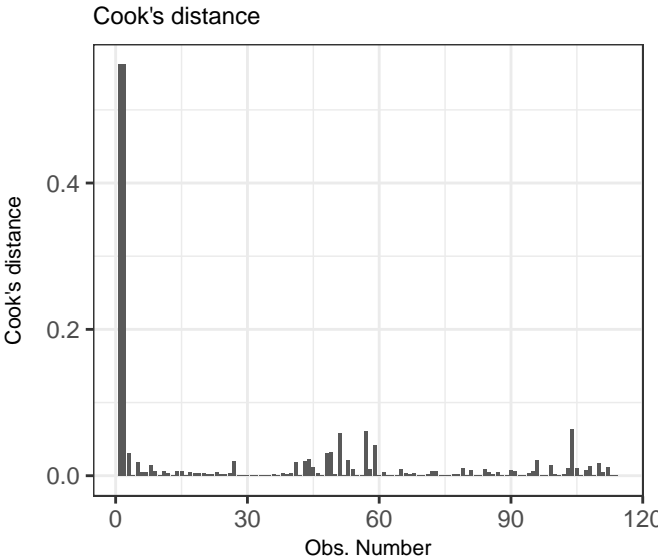
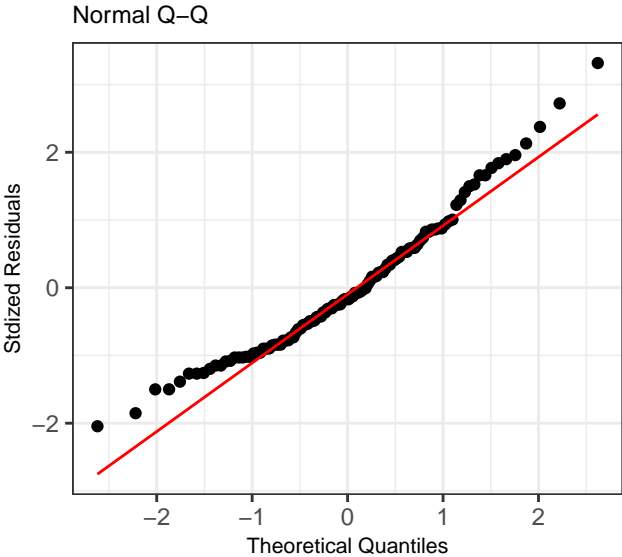
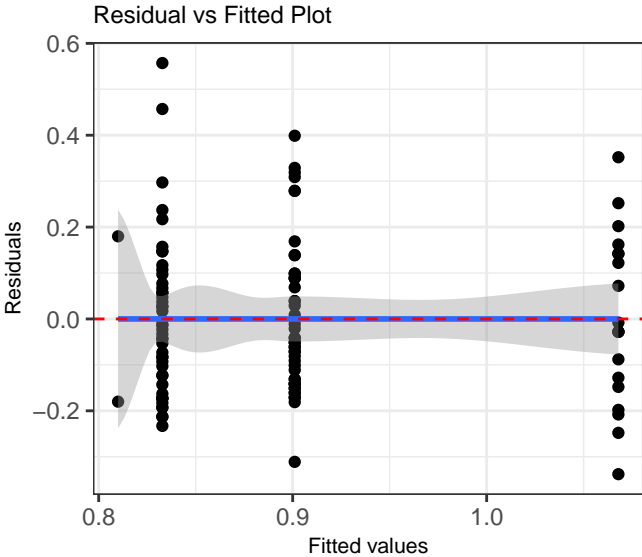


# Diagnostic plots 25



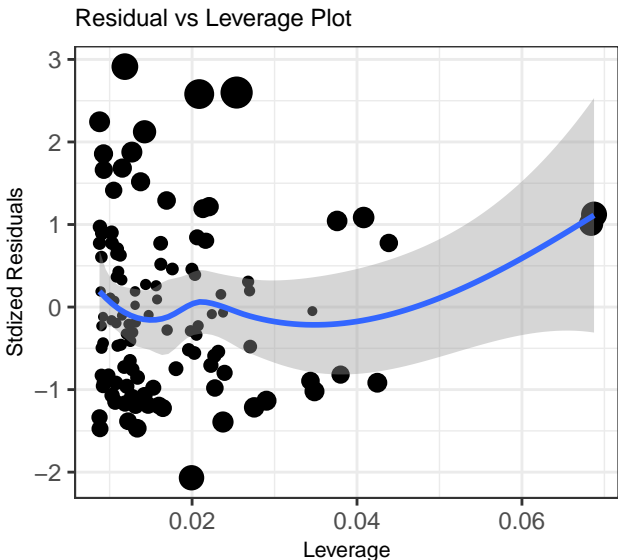
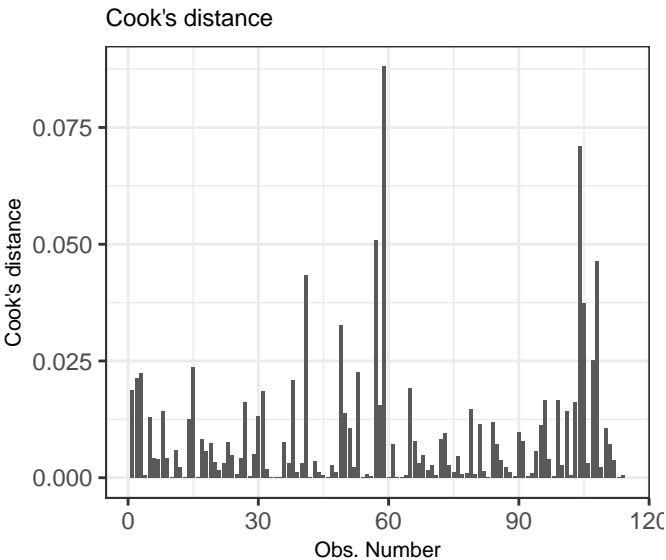
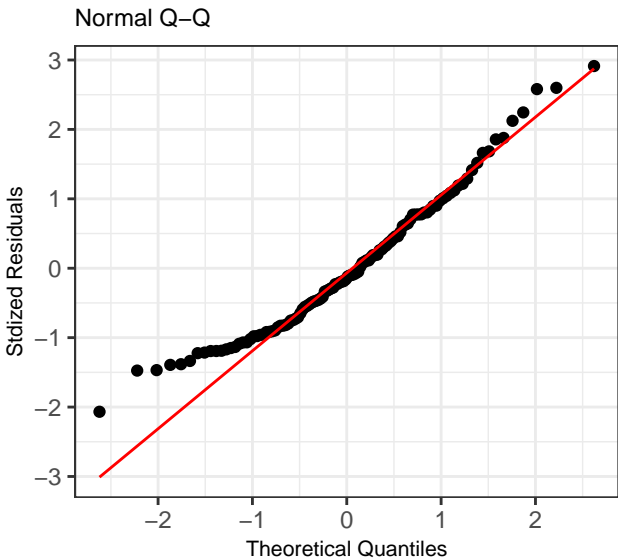
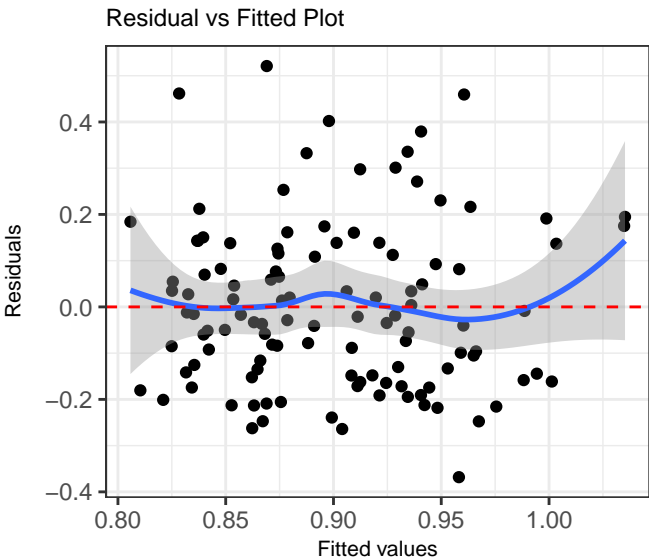
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ●

# Diagnostic plots 26



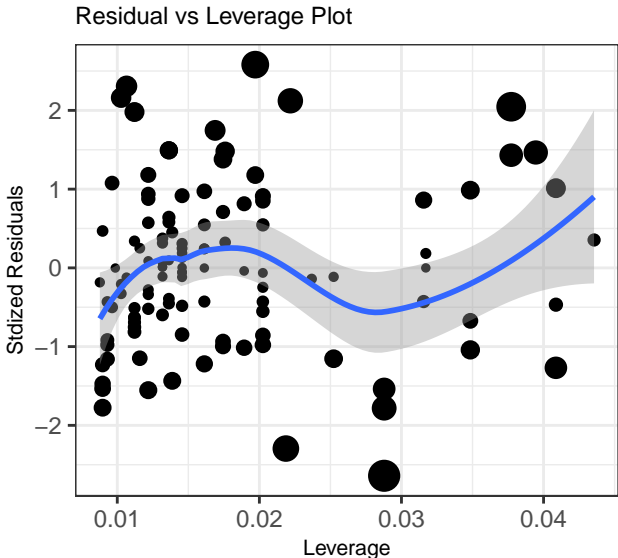
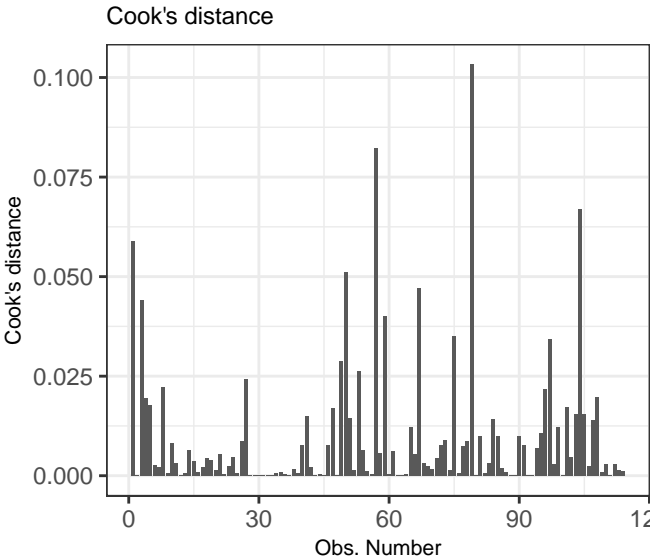
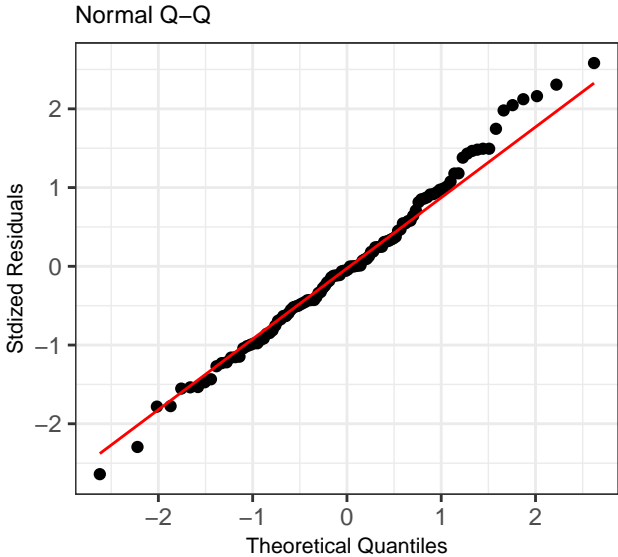
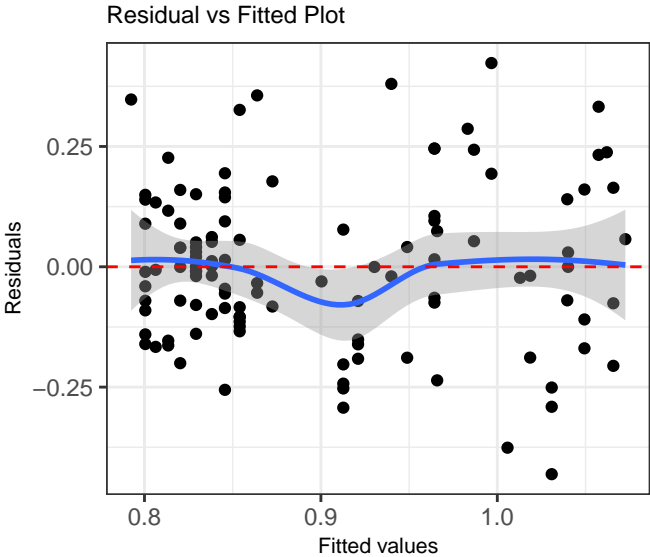
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots 27



Cook's Distance    ● 0.02    ● 0.04    ● 0.06    ●

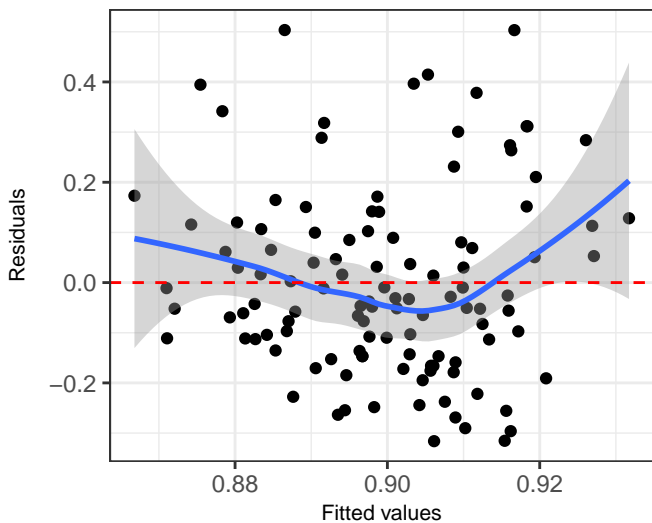
# Diagnostic plots 28



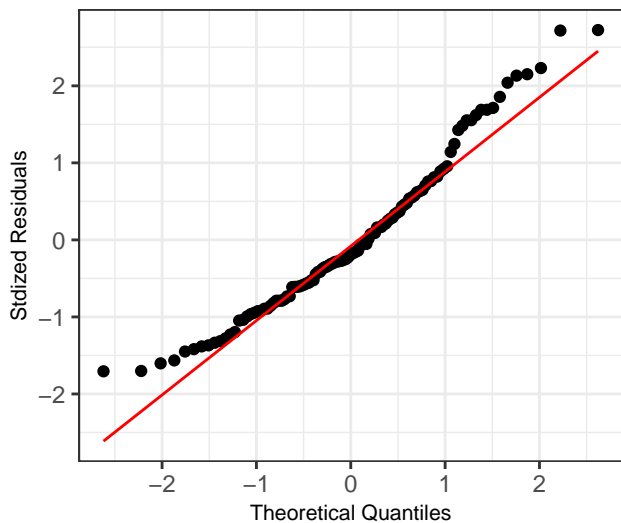
Cook's Distance    ● 0.025    ● 0.050    ● 0.075    ●

# Diagnostic plots 29

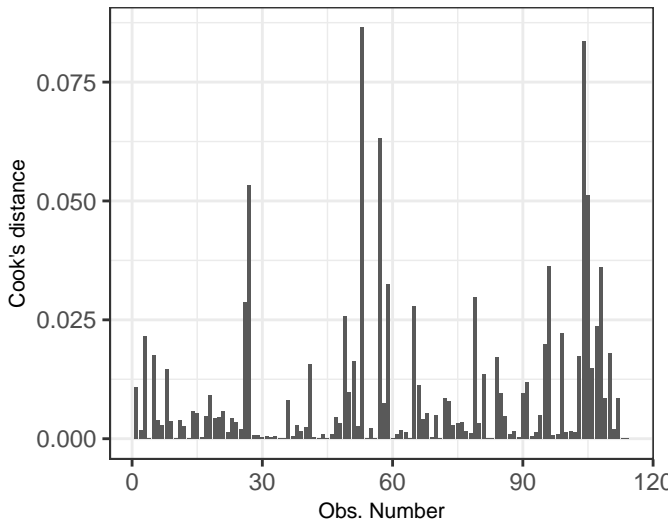
Residual vs Fitted Plot



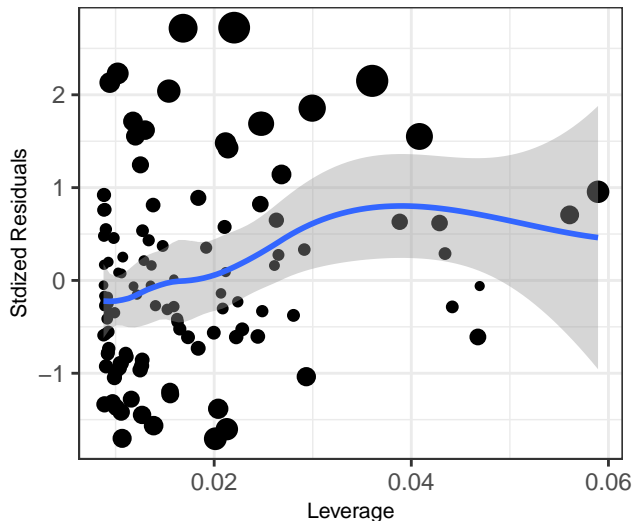
Normal Q-Q



Cook's distance

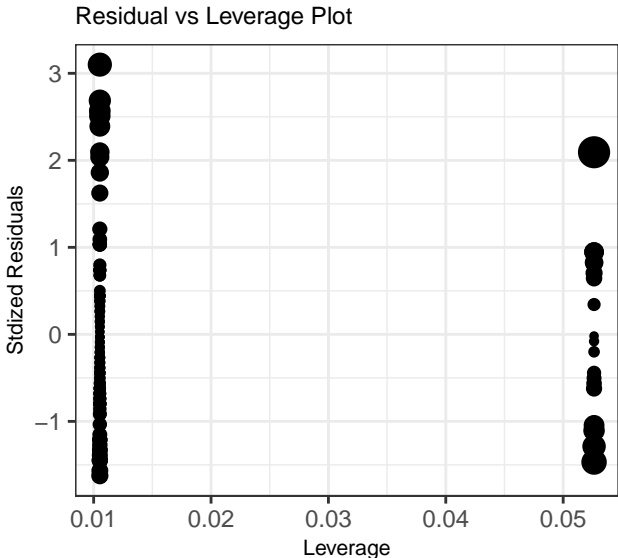
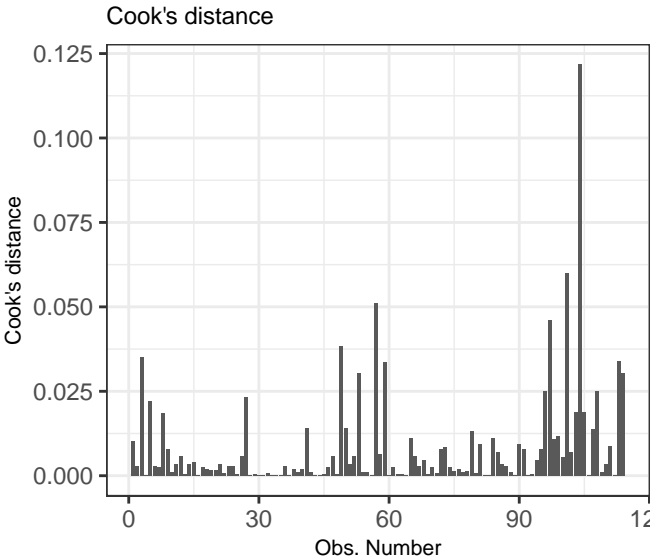
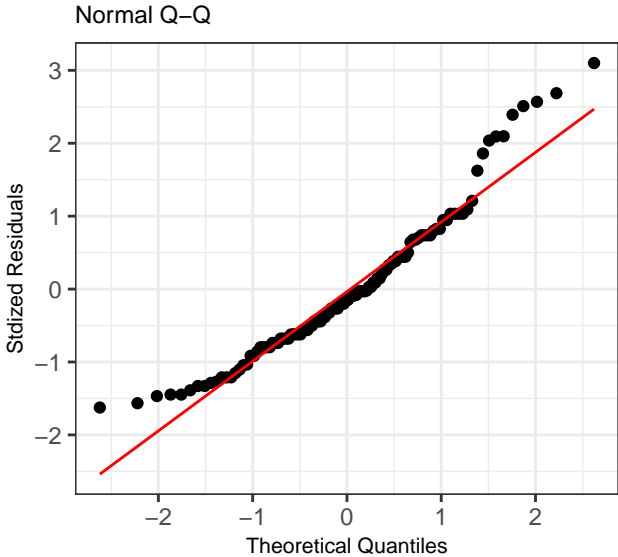
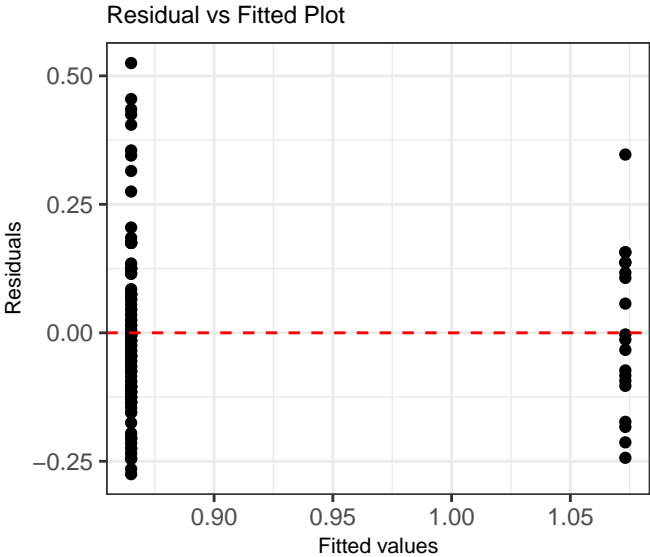


Residual vs Leverage Plot



Cook's Distance    ● 0.02    ● 0.04    ● 0.06    ●

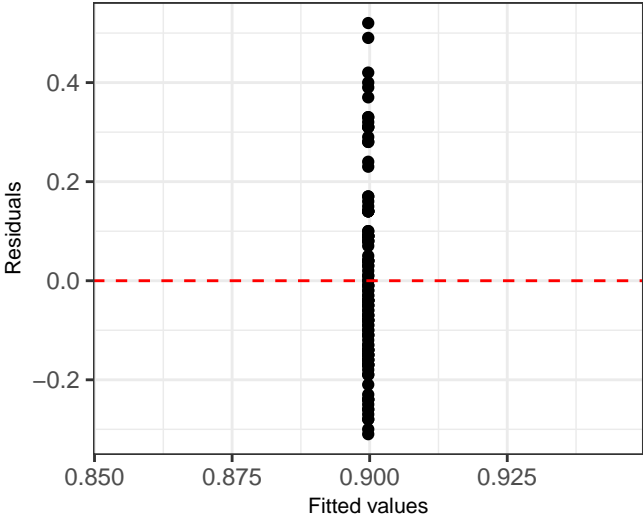
# Diagnostic plots 30



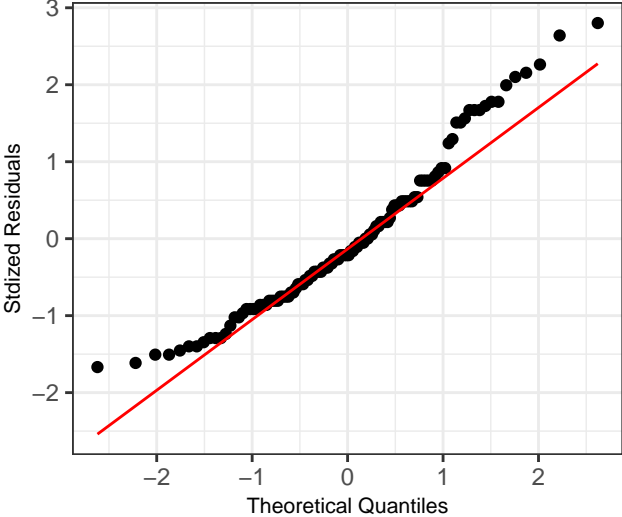
Cook's Distance    ● 0.03    ● 0.06    ● 0.09    ●

# Diagnostic plots 31

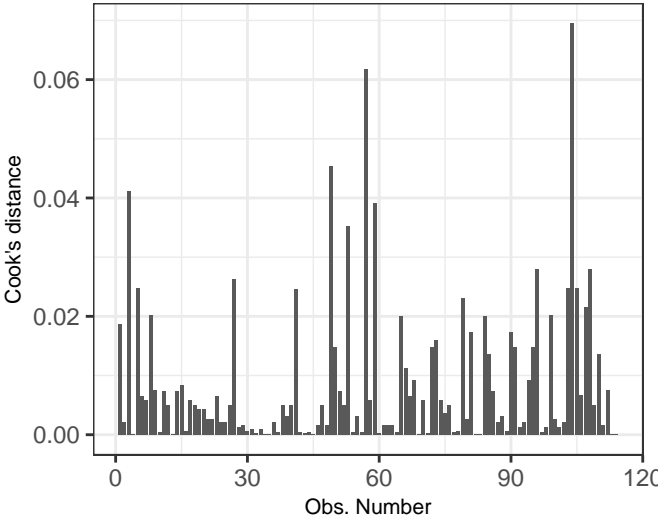
Residual vs Fitted Plot



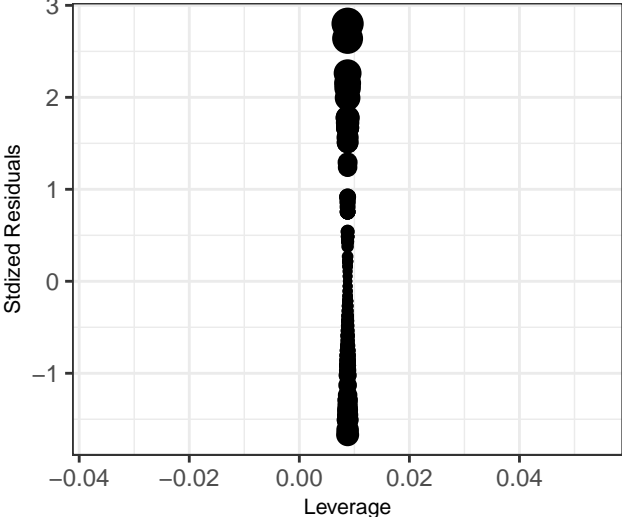
Normal Q-Q



Cook's distance



Residual vs Leverage Plot



Cook's Distance    ● 0.02    ● 0.04    ● 0.06