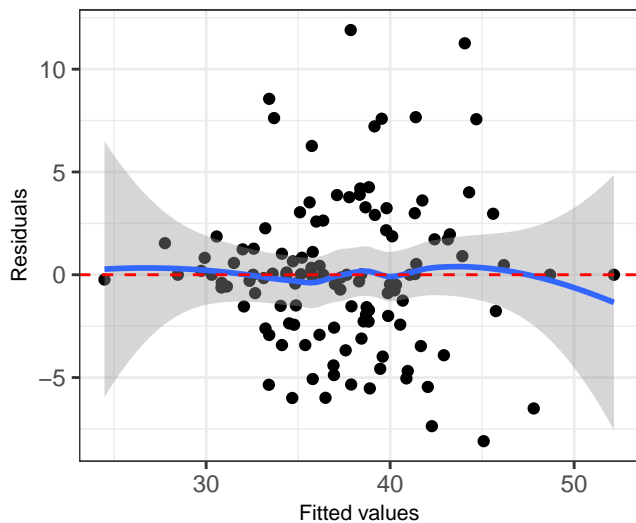
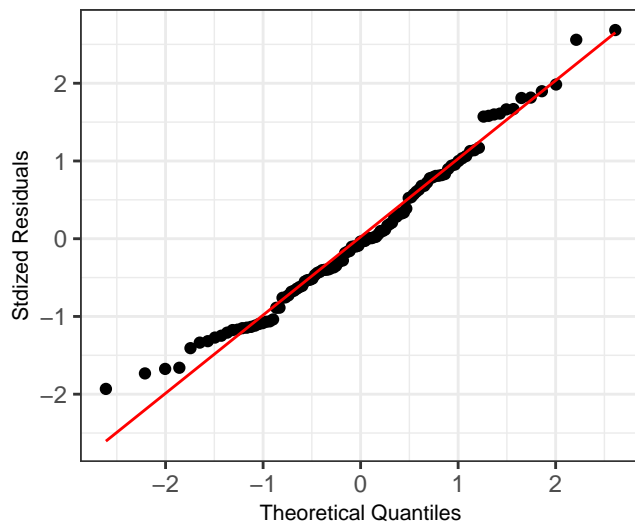


# Diagnostic plots 1

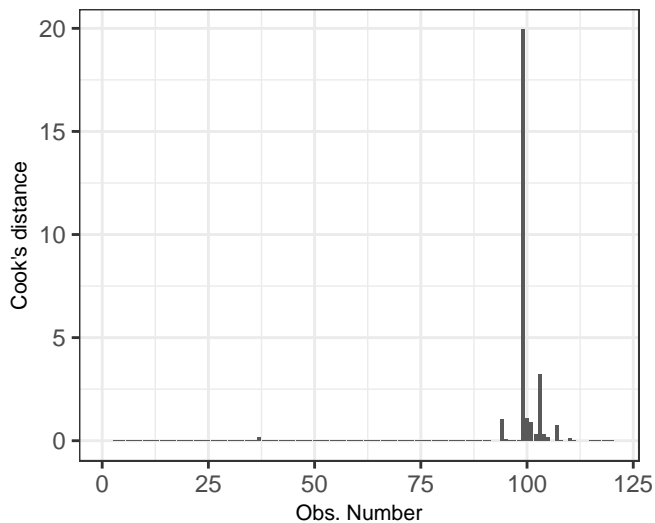
Residual vs Fitted Plot



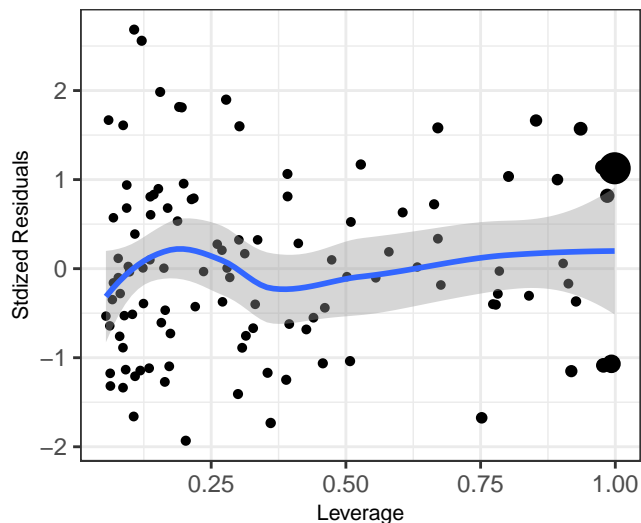
Normal Q-Q



Cook's distance



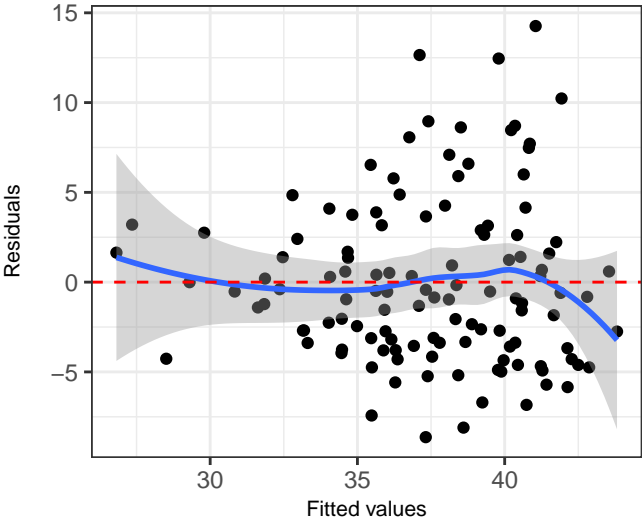
Residual vs Leverage Plot



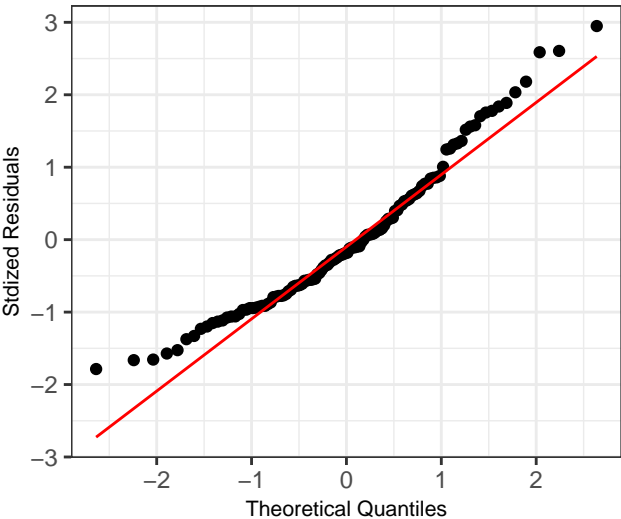
Cook's Distance    ● 5    ● 10    ● 15

# Diagnostic plots 2

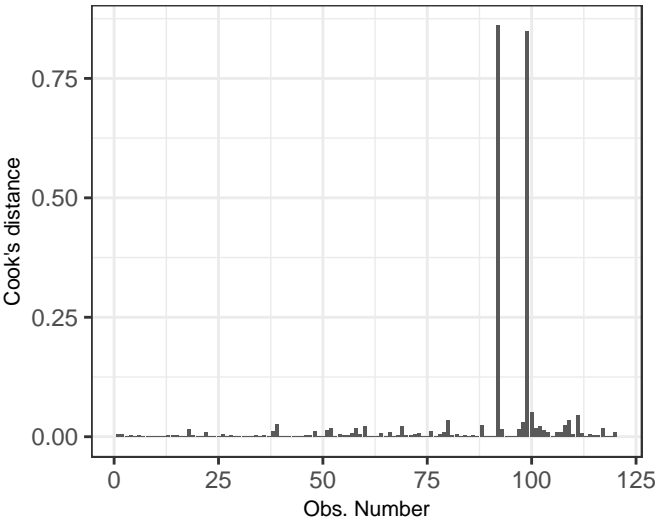
Residual vs Fitted Plot



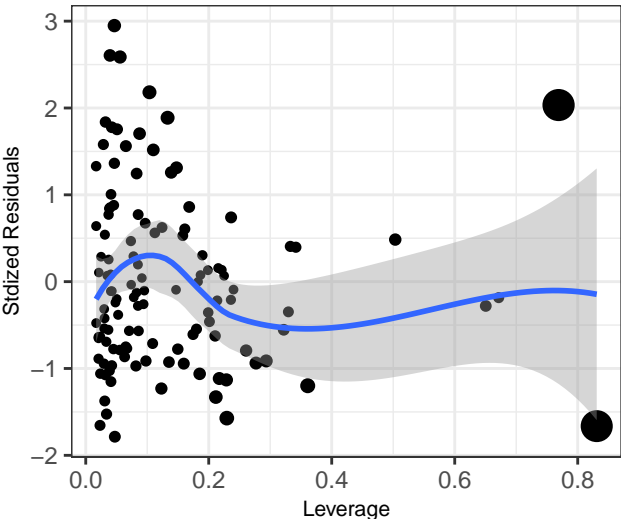
Normal Q-Q



Cook's distance



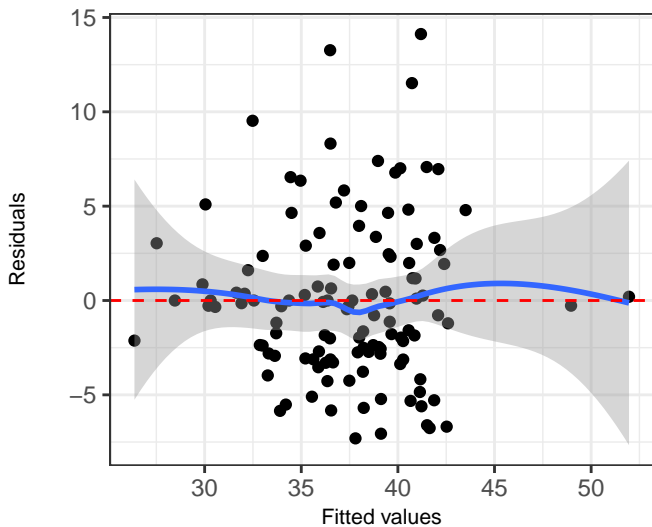
Residual vs Leverage Plot



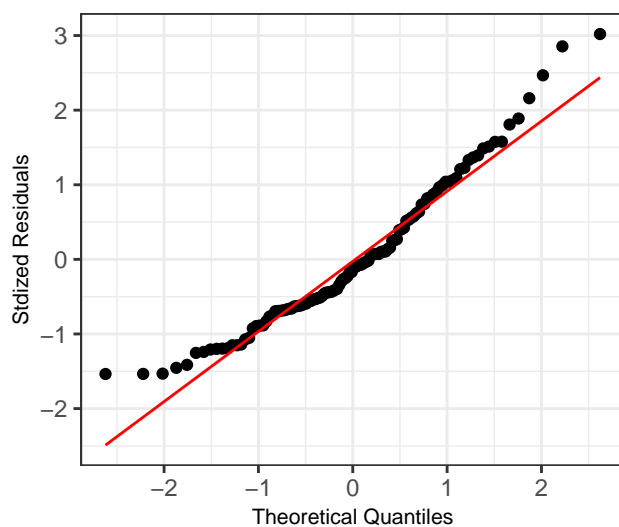
Cook's Distance ● 0.2 ● 0.4 ● 0.6 ● 0.8

# Diagnostic plots 3

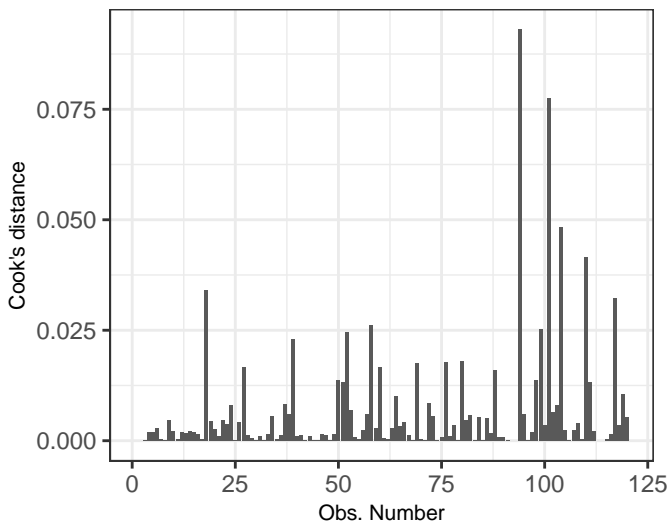
Residual vs Fitted Plot



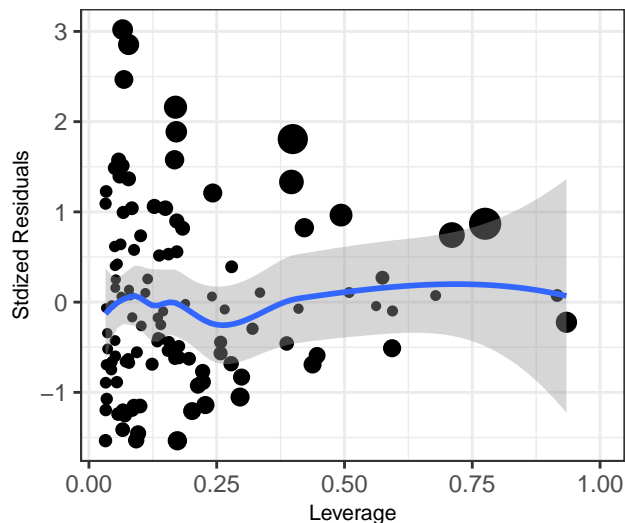
Normal Q-Q



Cook's distance



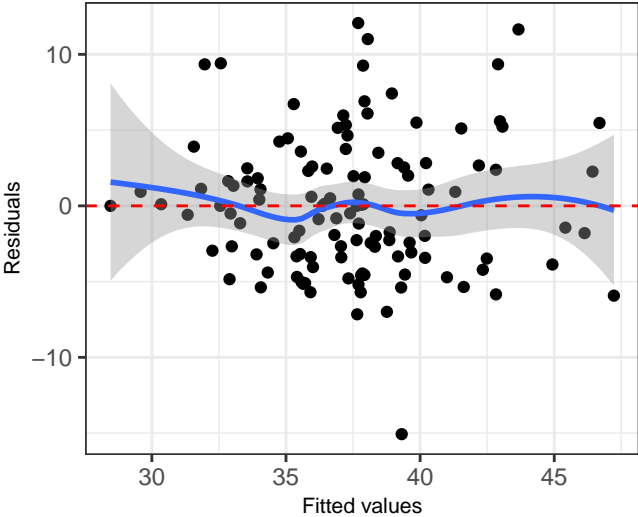
Residual vs Leverage Plot



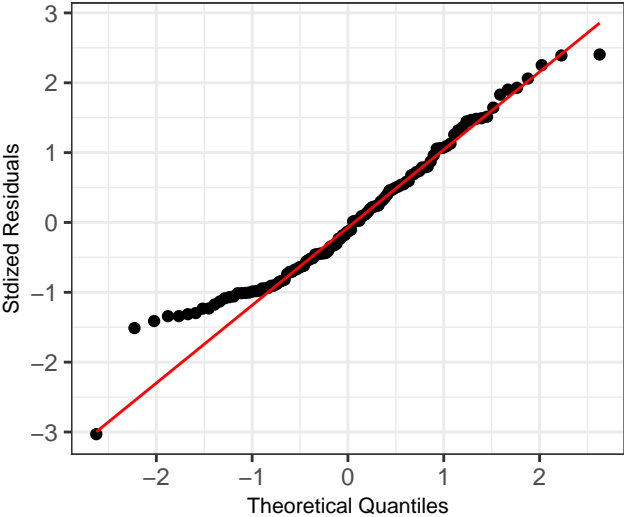
Cook's Distance    ● 0.025    ● 0.050    ● 0.075

# Diagnostic plots 4

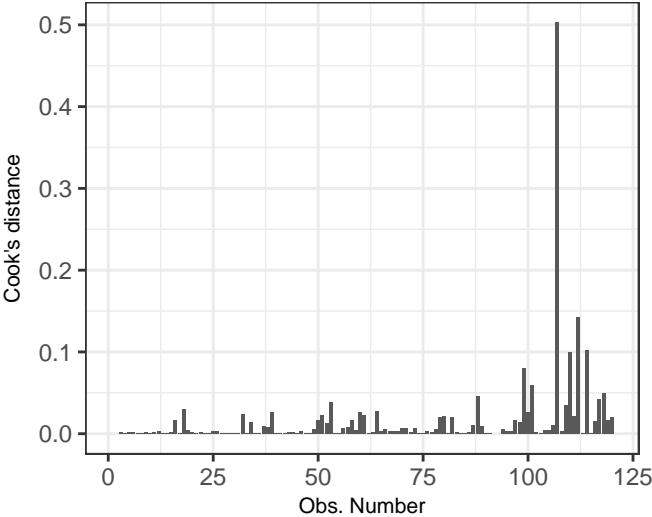
Residual vs Fitted Plot



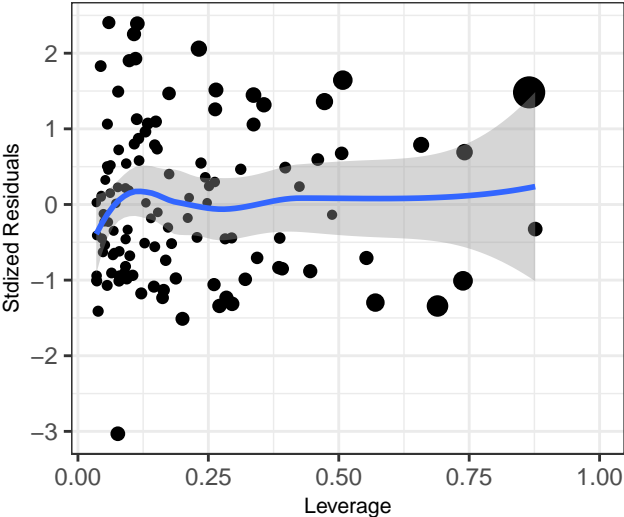
Normal Q-Q



Cook's distance



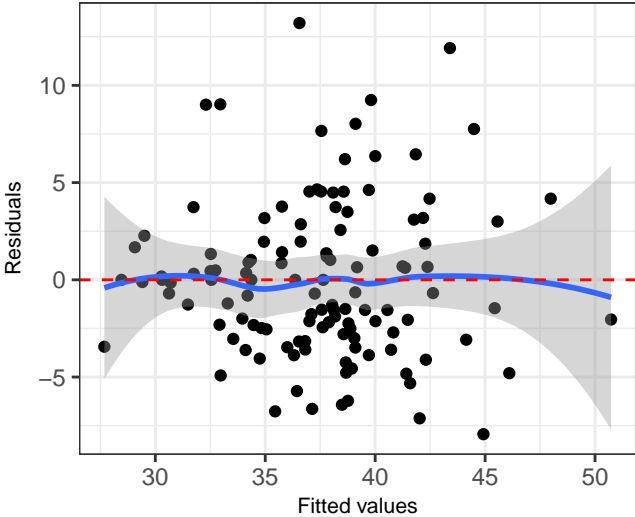
Residual vs Leverage Plot



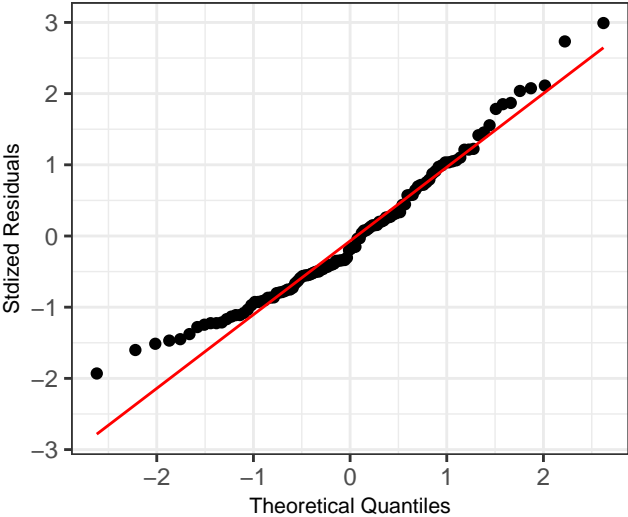
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots 5

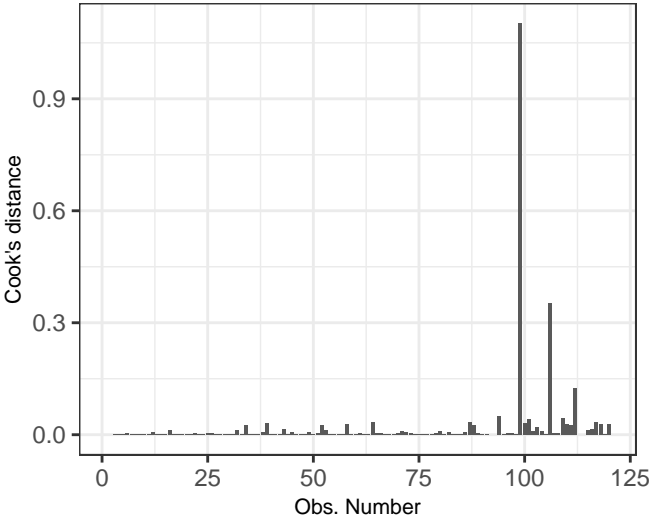
Residual vs Fitted Plot



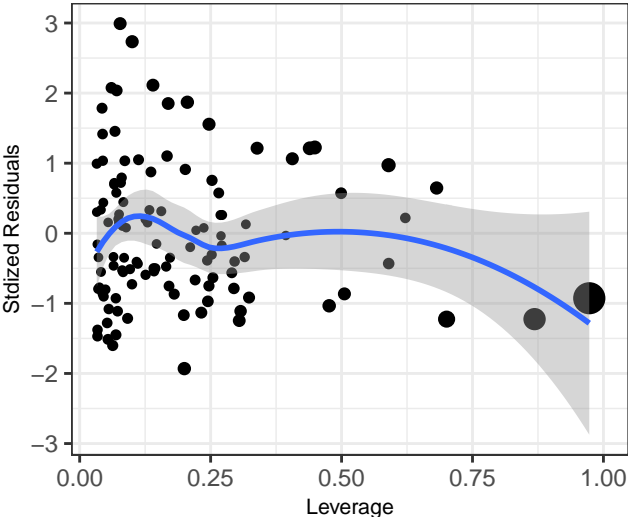
Normal Q-Q



Cook's distance



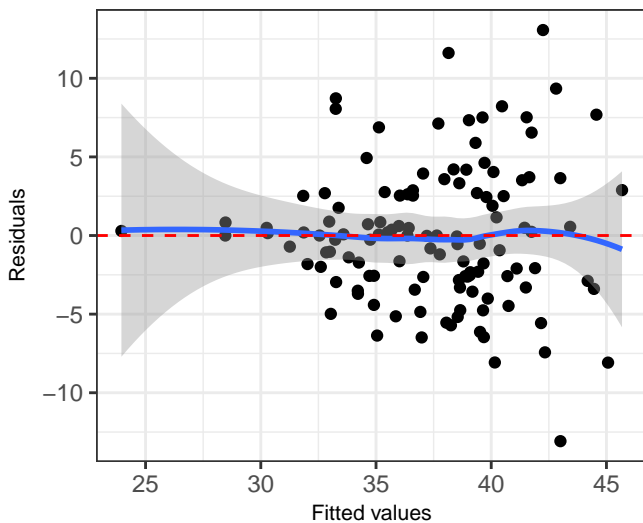
Residual vs Leverage Plot



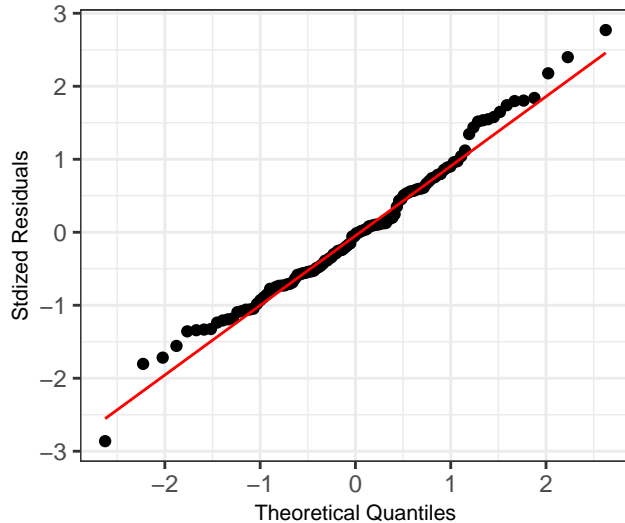
Cook's Distance ● 0.25 ● 0.50 ● 0.75 ● 1

# Diagnostic plots 6

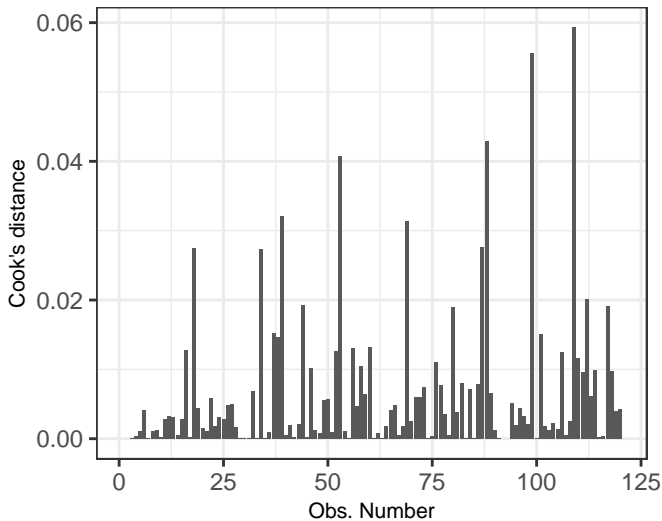
Residual vs Fitted Plot



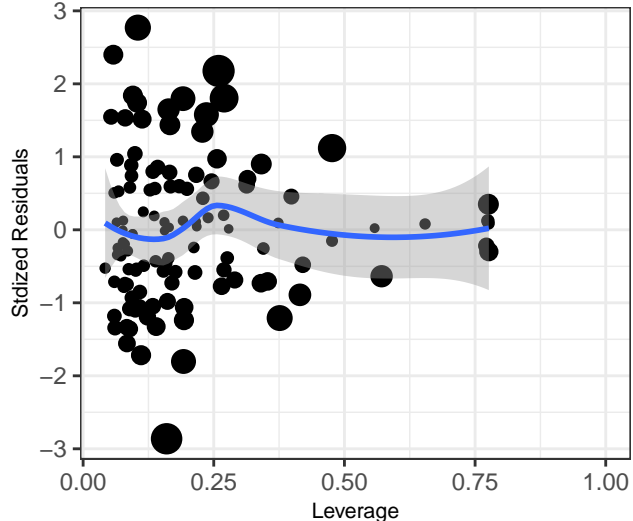
Normal Q-Q



Cook's distance



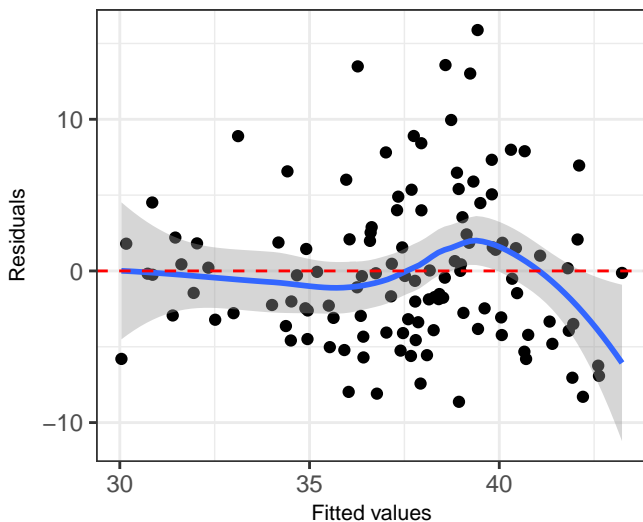
Residual vs Leverage Plot



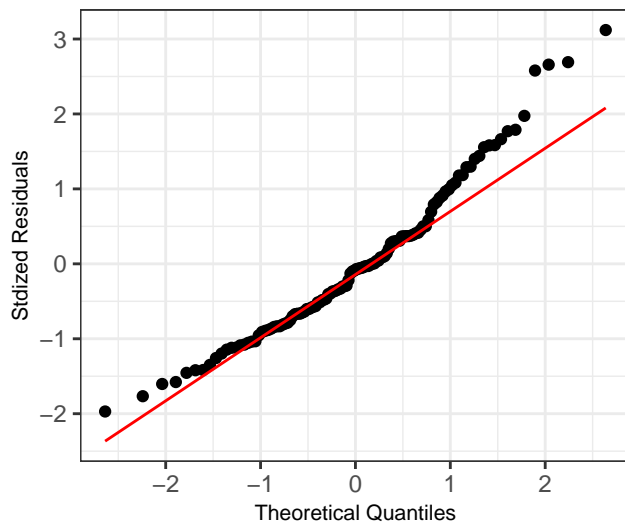
Cook's Distance    ● 0.01    ● 0.02    ● 0.03    ● 0.04

# Diagnostic plots 7

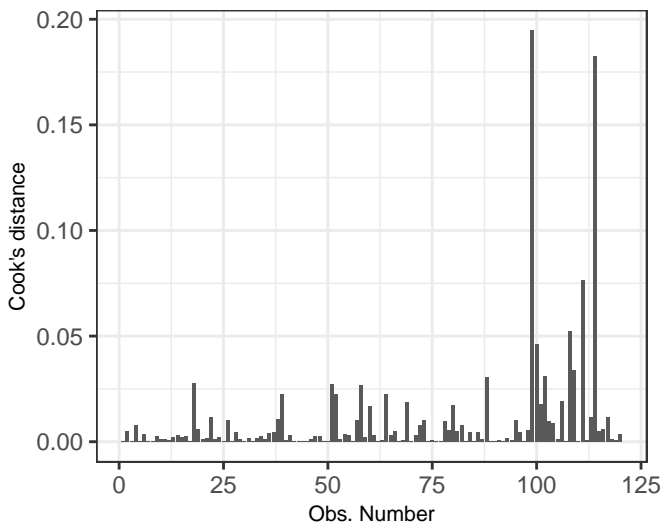
Residual vs Fitted Plot



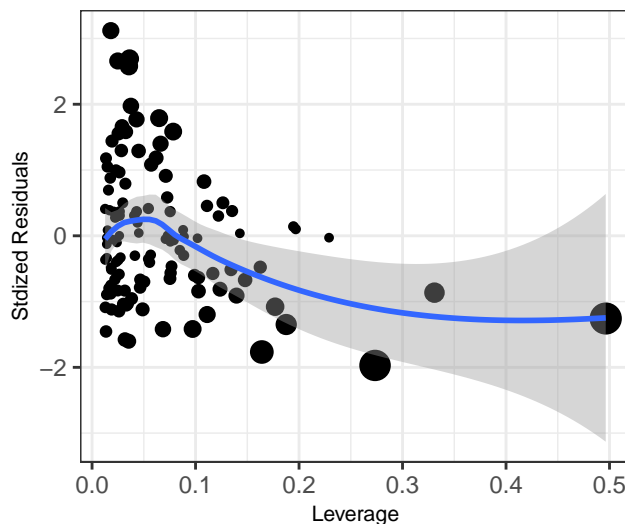
Normal Q-Q



Cook's distance



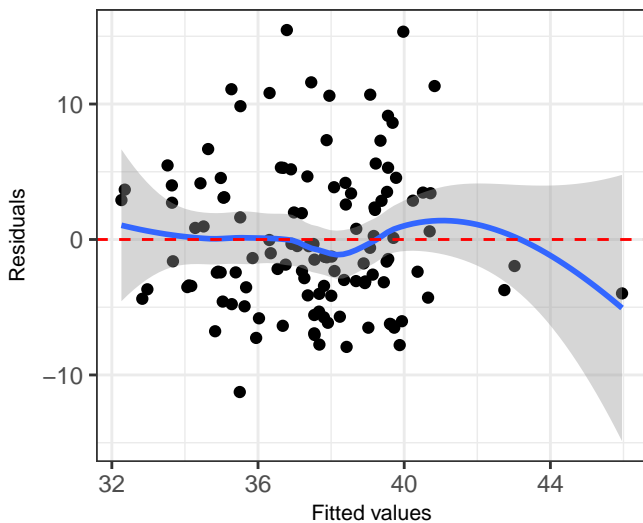
Residual vs Leverage Plot



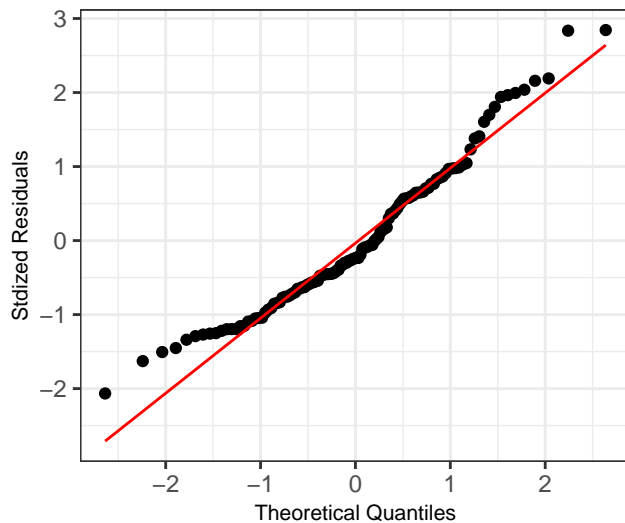
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots 8

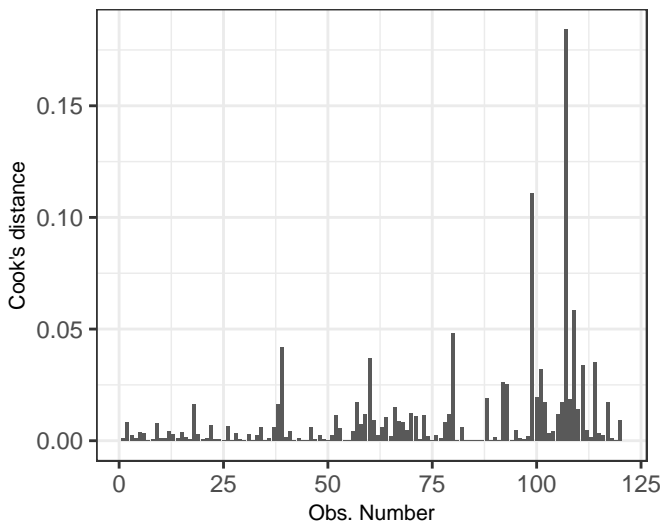
Residual vs Fitted Plot



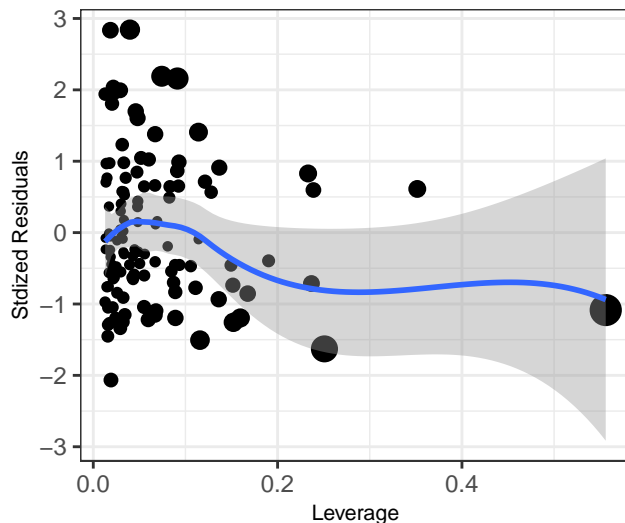
Normal Q-Q



Cook's distance



Residual vs Leverage Plot

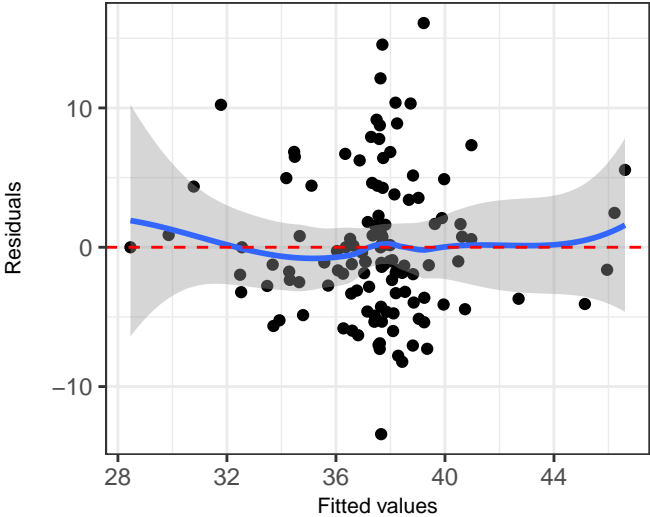


Cook's Distance    ● 0.05    ● 0.10    ● 0.15

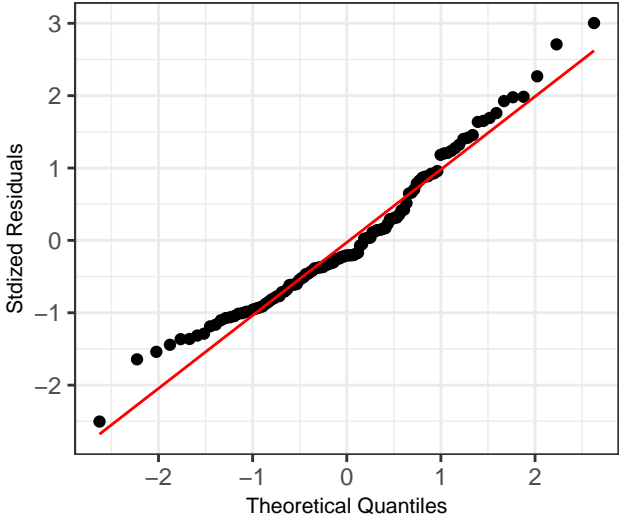


# Diagnostic plots 9

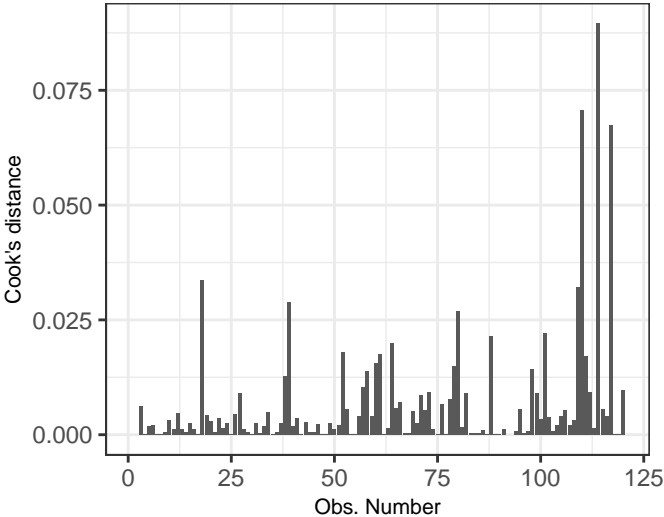
Residual vs Fitted Plot



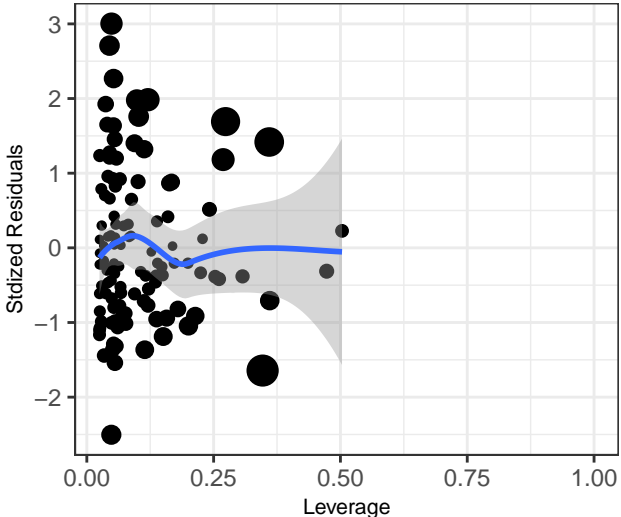
Normal Q-Q



Cook's distance



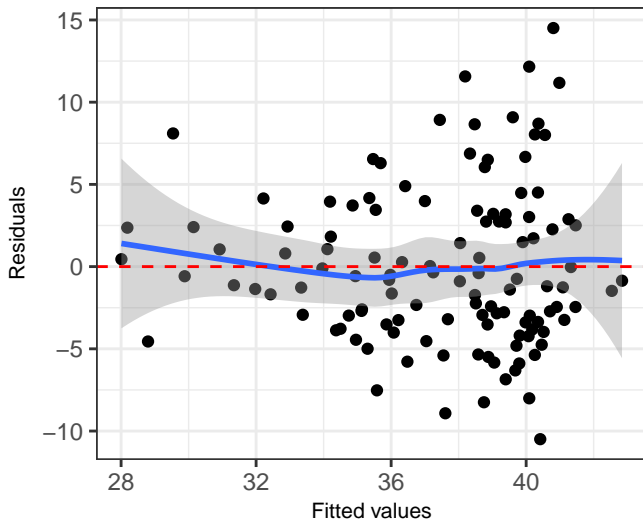
Residual vs Leverage Plot



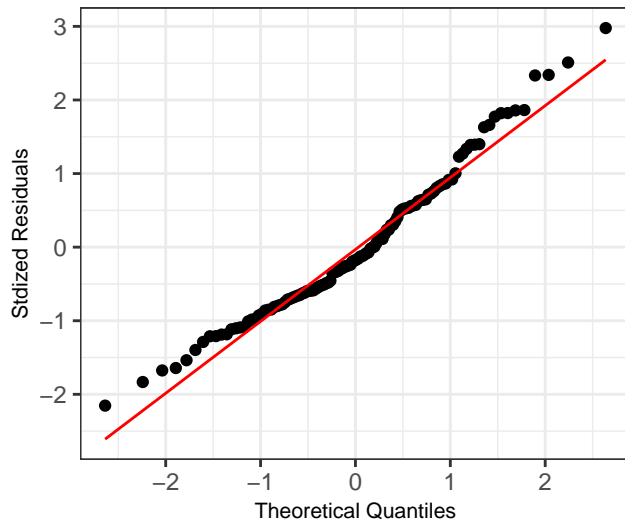
Cook's Distance    ● 0.02    ● 0.04    ● 0.06    ●

# Diagnostic plots 10

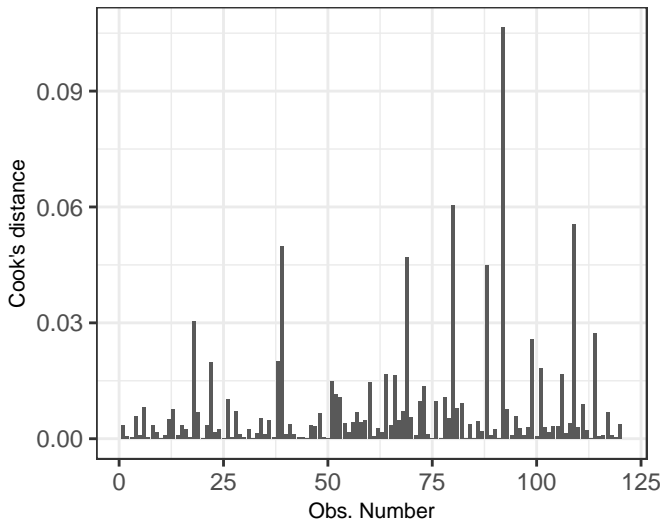
Residual vs Fitted Plot



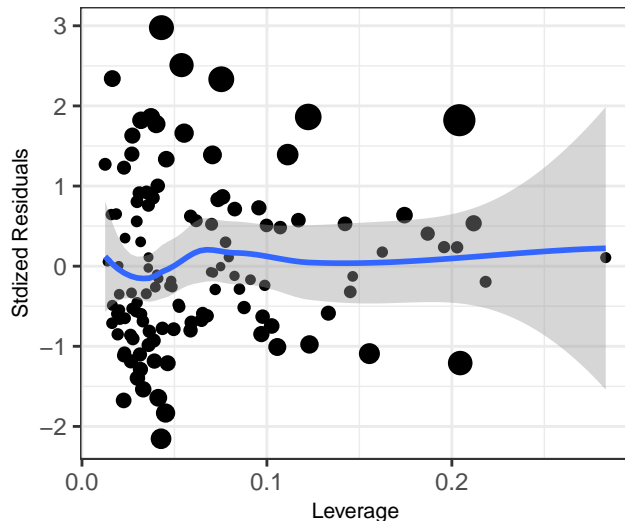
Normal Q-Q



Cook's distance



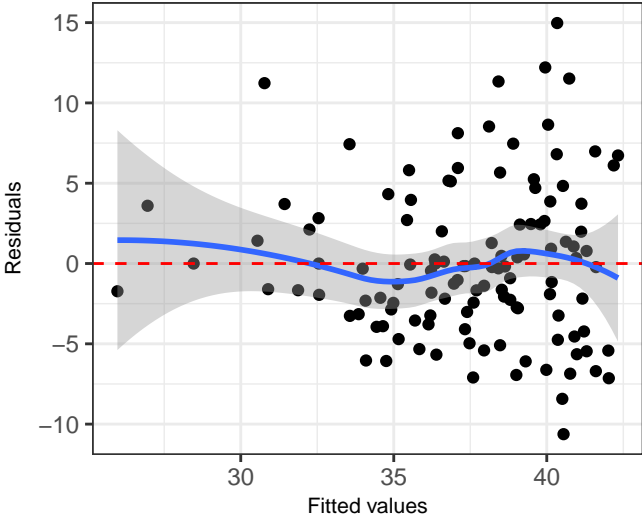
Residual vs Leverage Plot



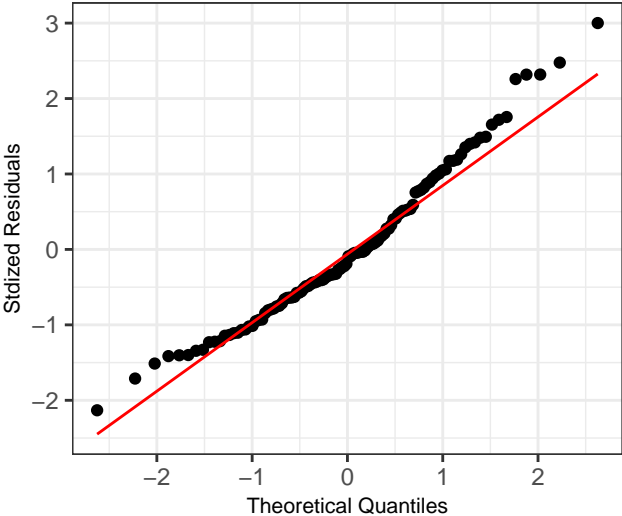
Cook's Distance    ● 0.025    ● 0.050    ● 0.075    ●

# Diagnostic plots 11

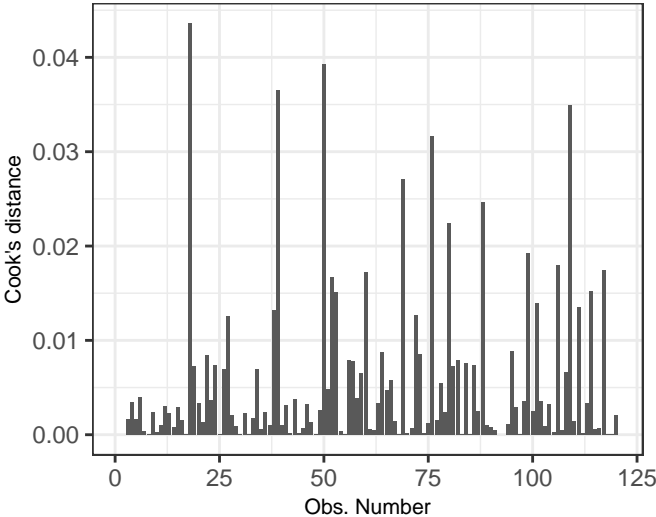
Residual vs Fitted Plot



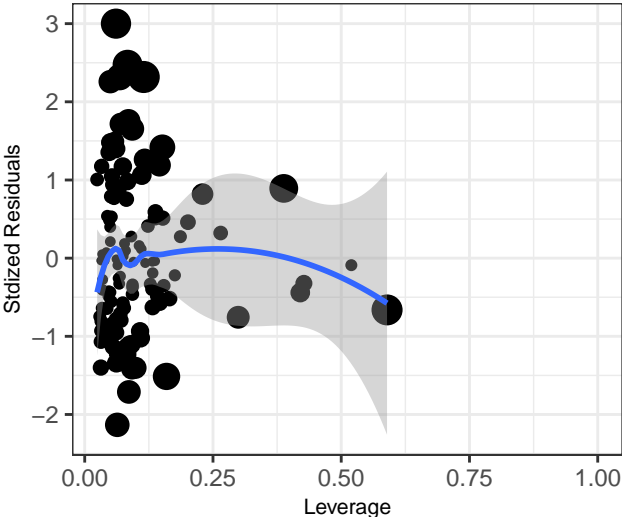
Normal Q-Q



Cook's distance



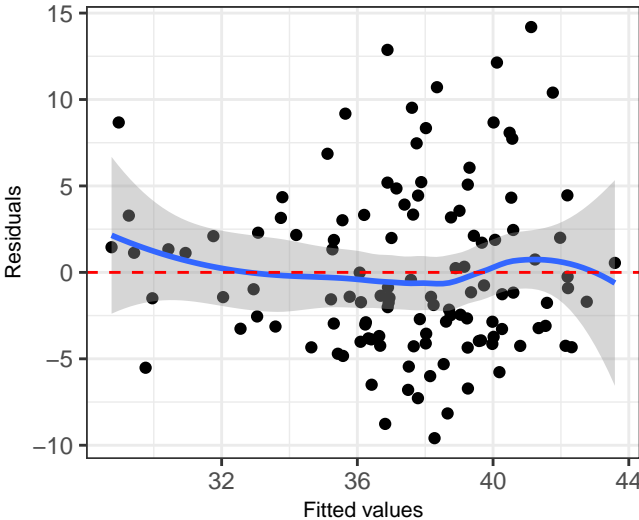
Residual vs Leverage Plot



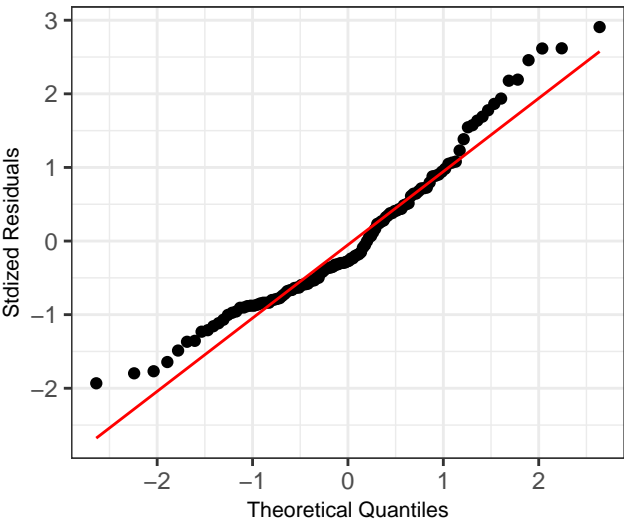
Cook's Distance    ● 0.01    ● 0.02    ● 0.03    ● 0.04

# Diagnostic plots 12

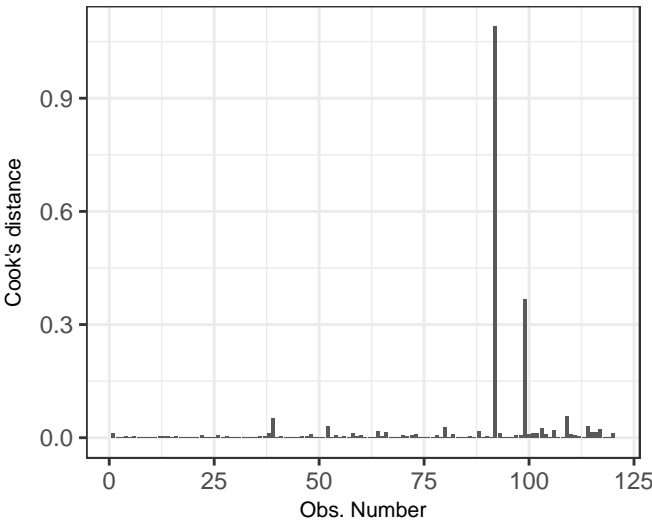
Residual vs Fitted Plot



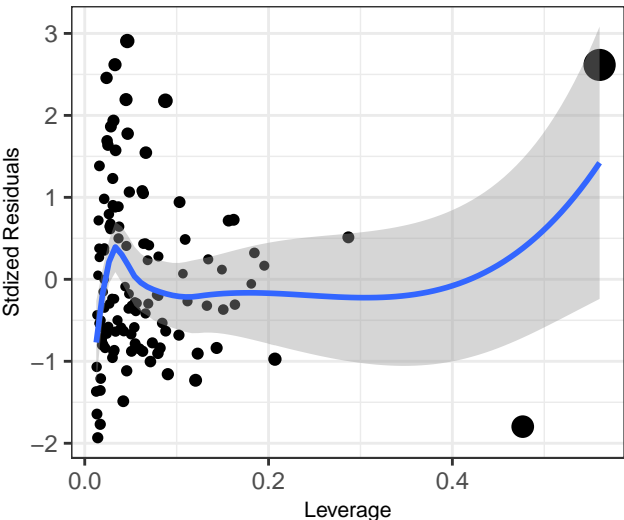
Normal Q-Q



Cook's distance



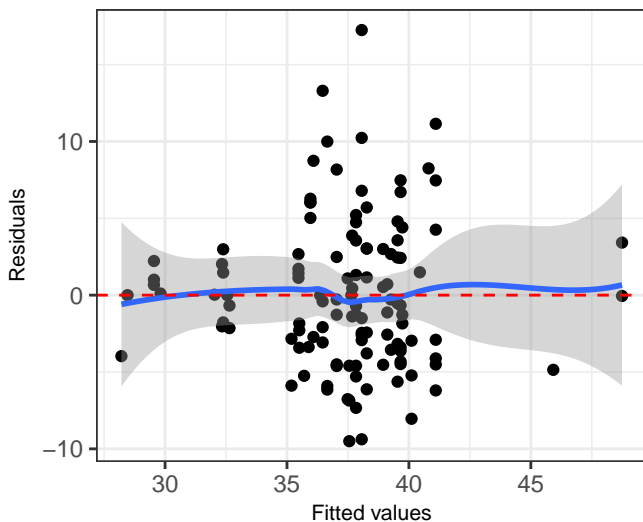
Residual vs Leverage Plot



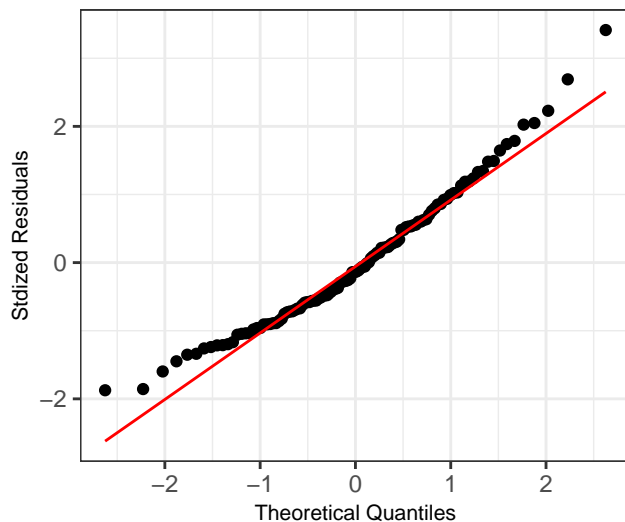
Cook's Distance    ● 0.25    ● 0.50    ● 0.75    ● 1.00

# Diagnostic plots 13

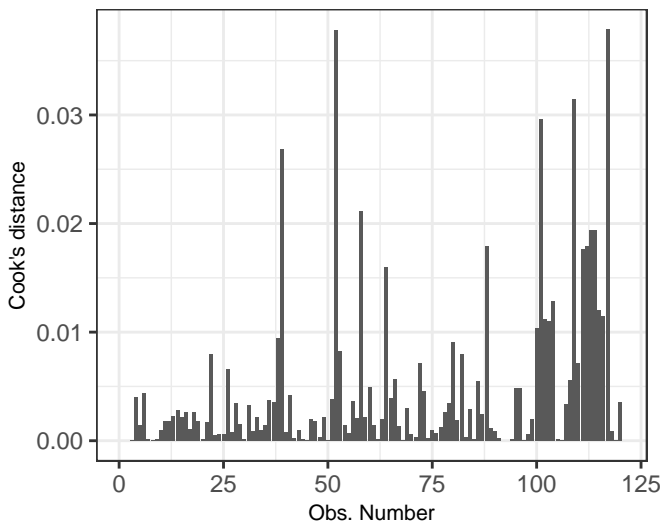
Residual vs Fitted Plot



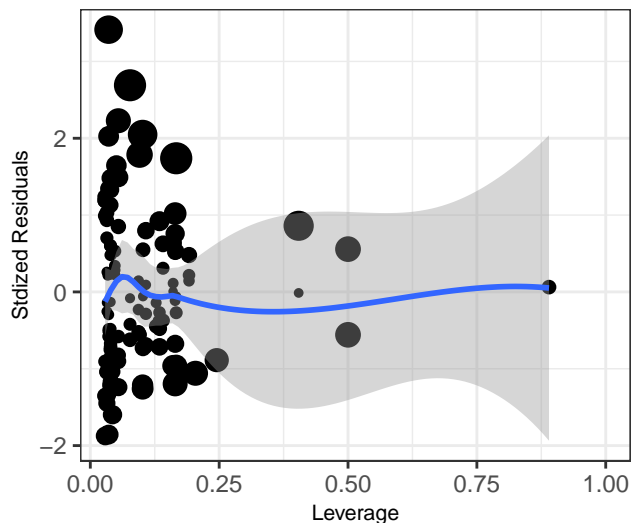
Normal Q-Q



Cook's distance



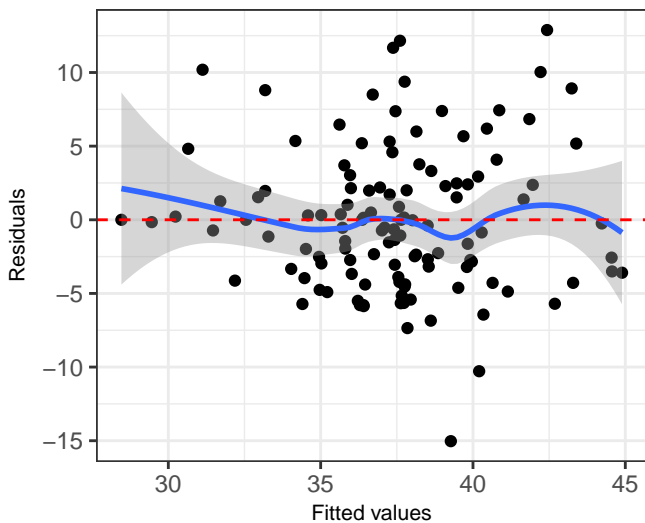
Residual vs Leverage Plot



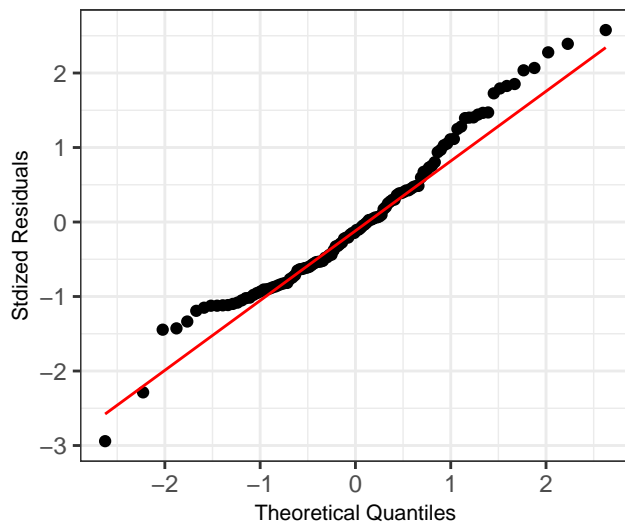
Cook's Distance    ● 0.01    ● 0.02    ● 0.03

# Diagnostic plots 14

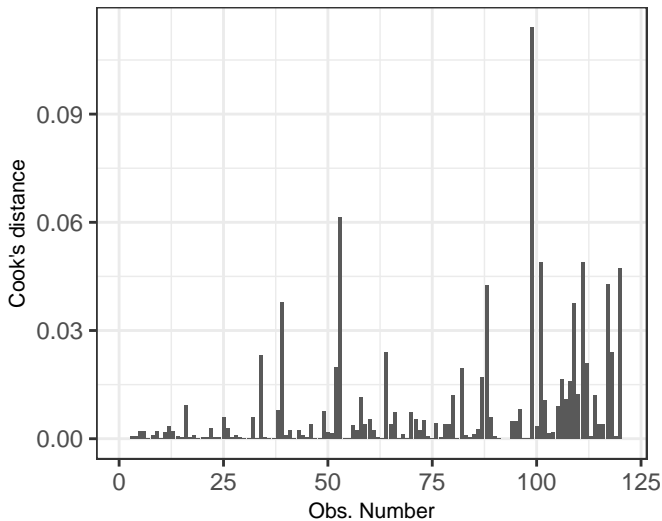
Residual vs Fitted Plot



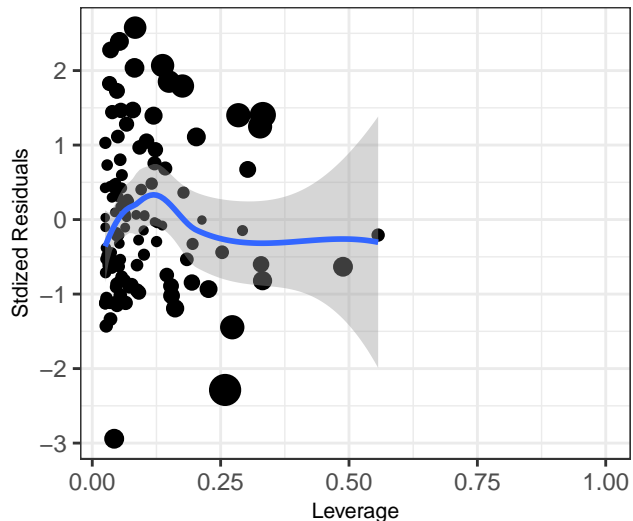
Normal Q-Q



Cook's distance



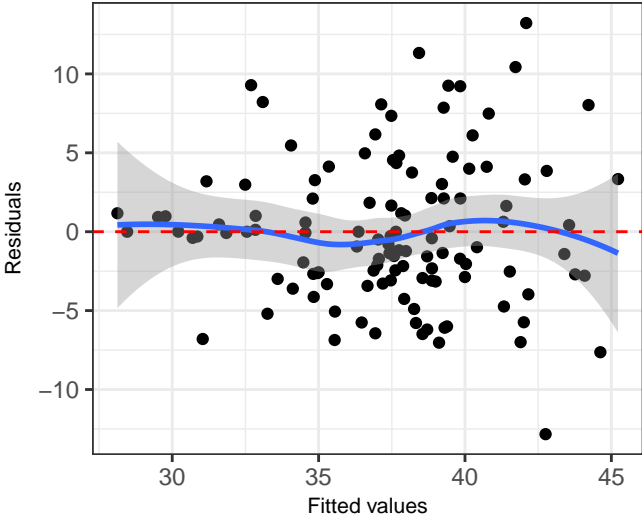
Residual vs Leverage Plot



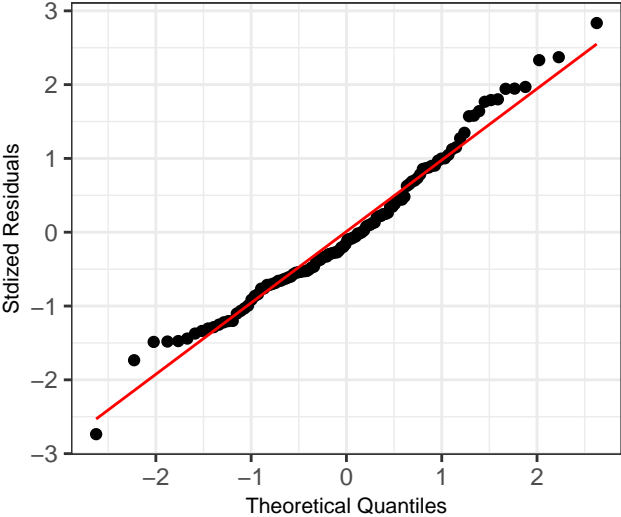
Cook's Distance    ● 0.03    ● 0.06    ● 0.09

# Diagnostic plots 15

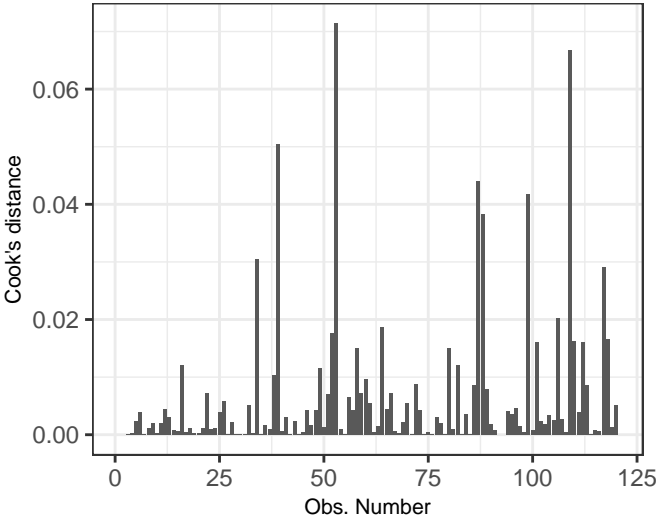
Residual vs Fitted Plot



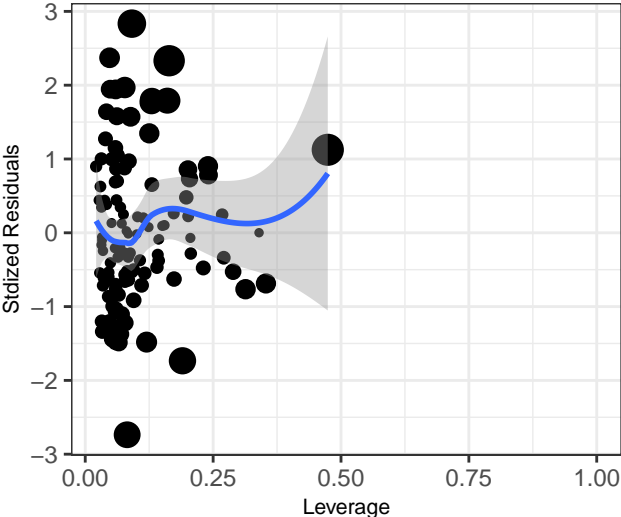
Normal Q-Q



Cook's distance

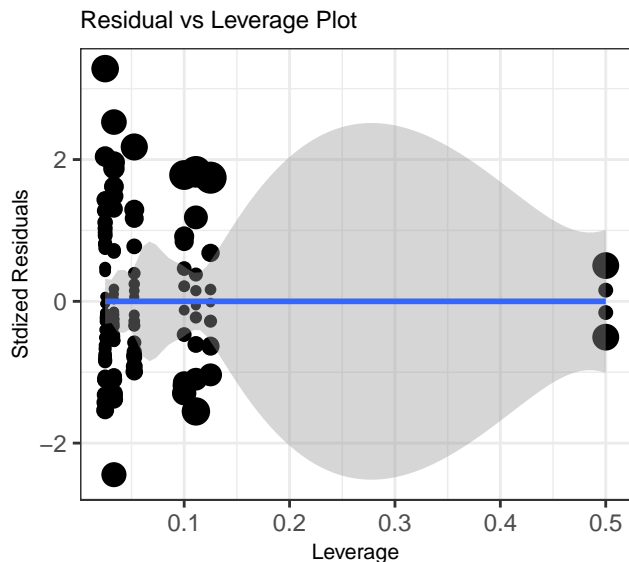
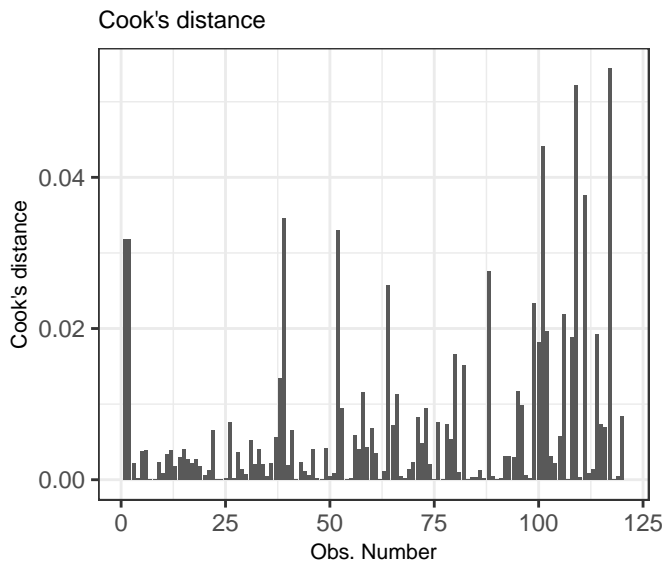
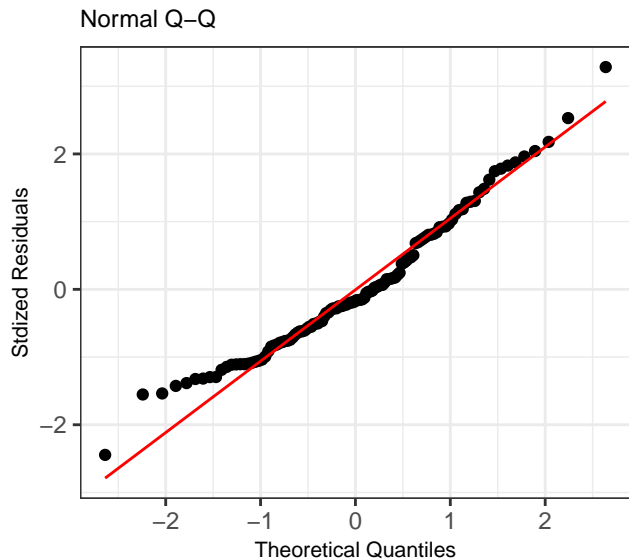
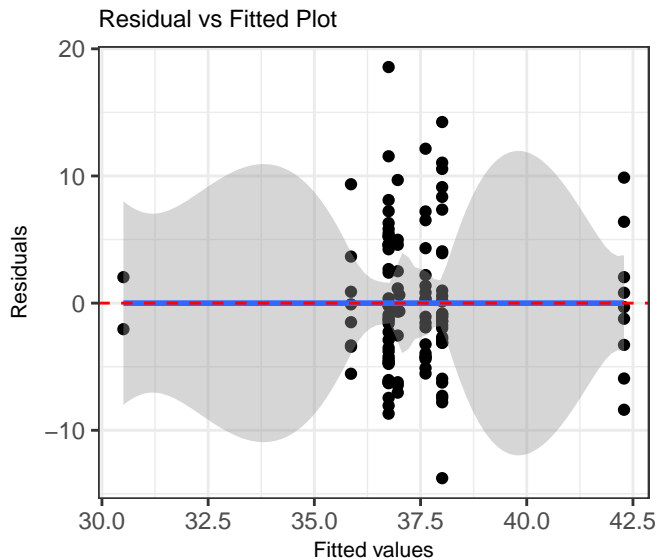


Residual vs Leverage Plot



Cook's Distance    ● 0.02    ● 0.04    ● 0.06

# Diagnostic plots 16

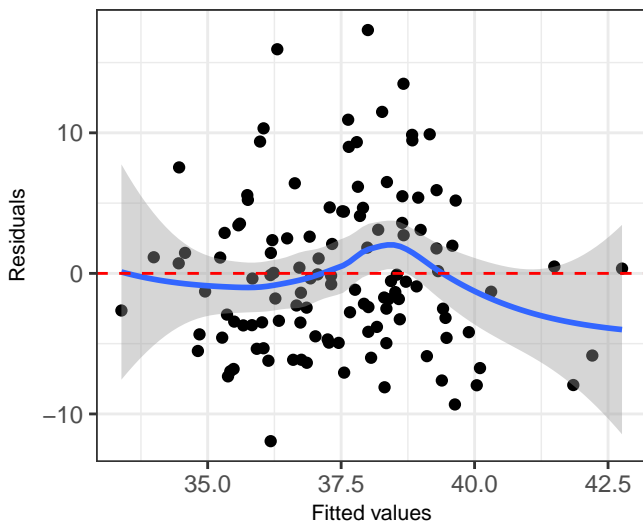


Cook's Distance    ● 0.01    ● 0.02    ● 0.03    ● 0.04

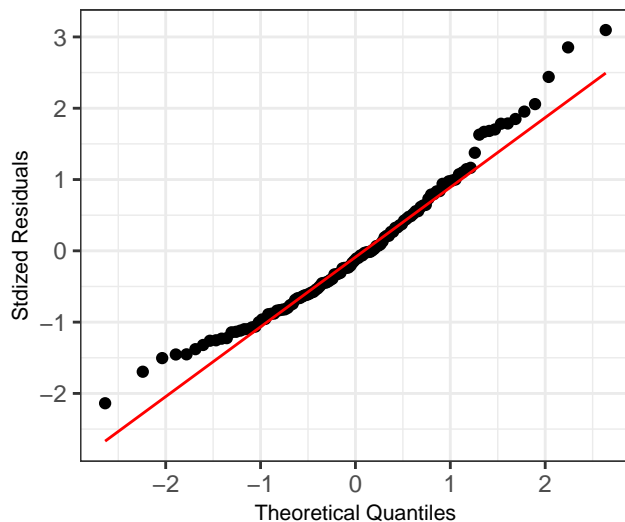


# Diagnostic plots 17

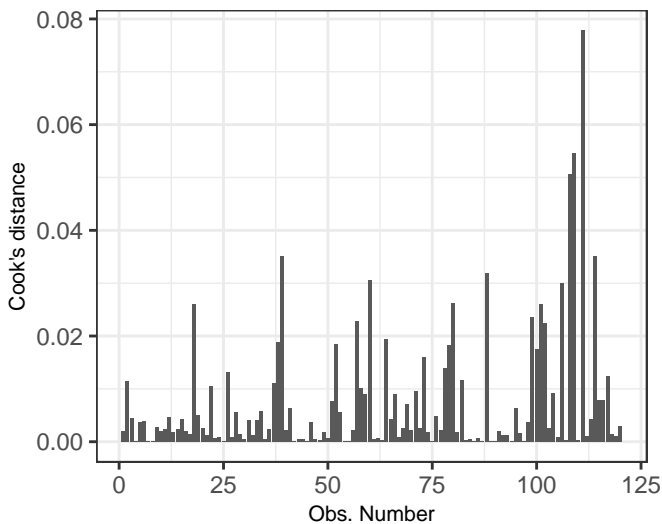
Residual vs Fitted Plot



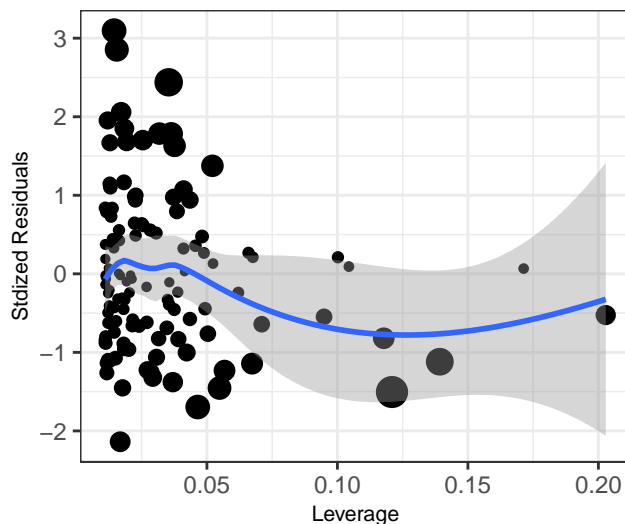
Normal Q-Q



Cook's distance



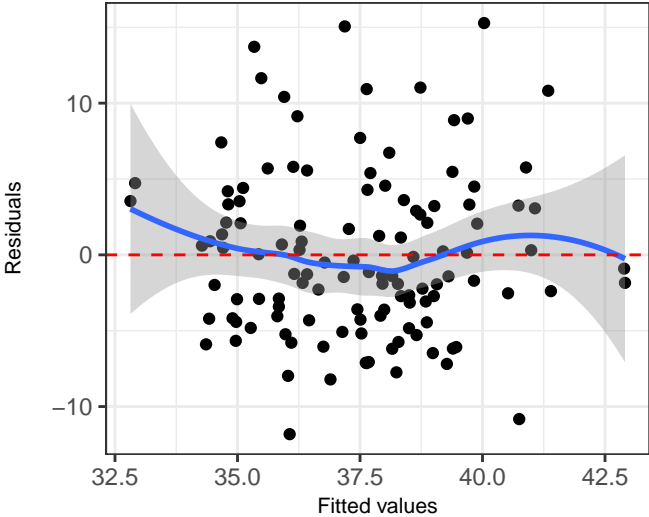
Residual vs Leverage Plot



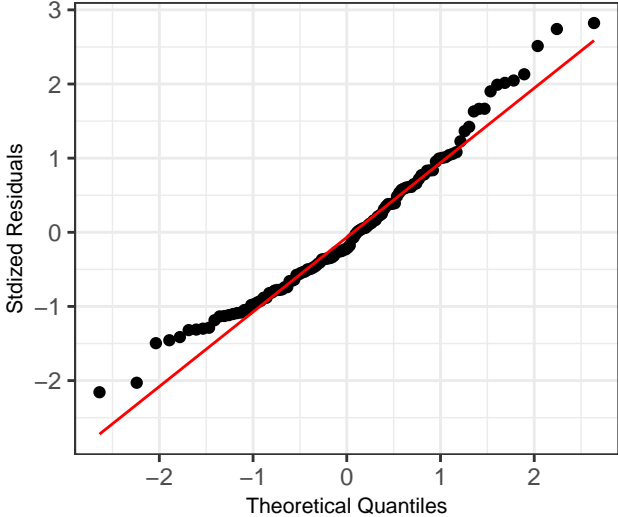
Cook's Distance    ● 0.02    ● 0.04    ● 0.06

# Diagnostic plots 18

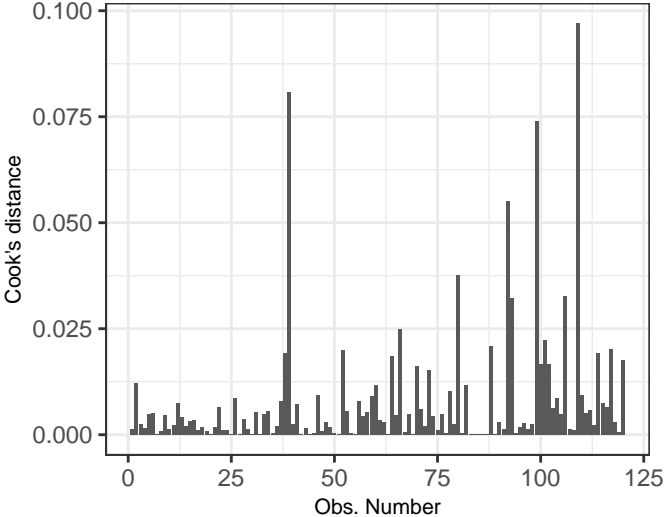
Residual vs Fitted Plot



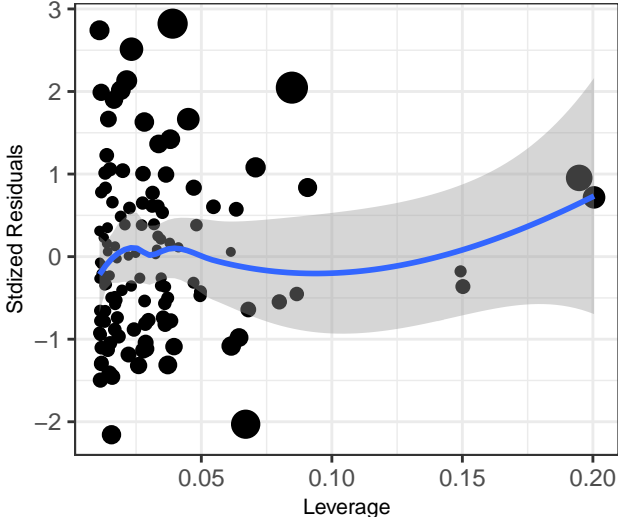
Normal Q-Q



Cook's distance



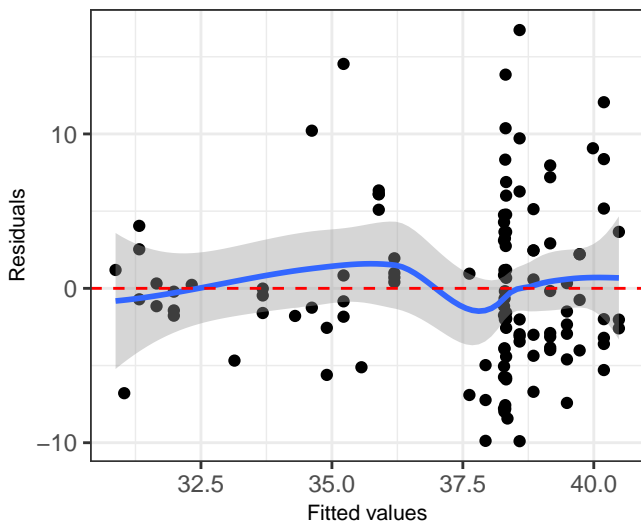
Residual vs Leverage Plot



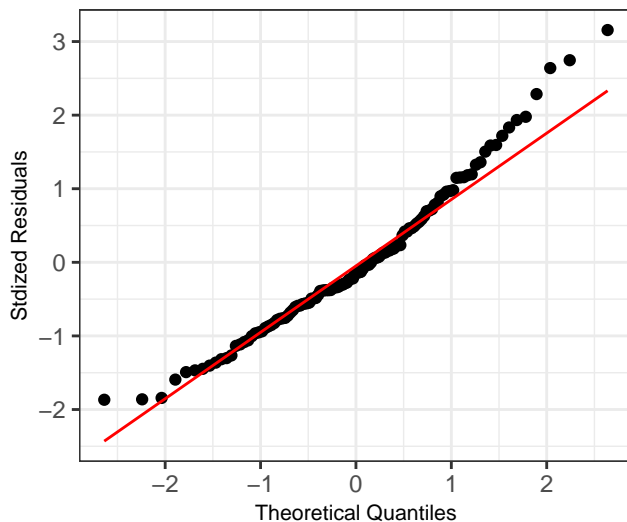
Cook's Distance    ● 0.025    ● 0.050    ● 0.075

# Diagnostic plots 19

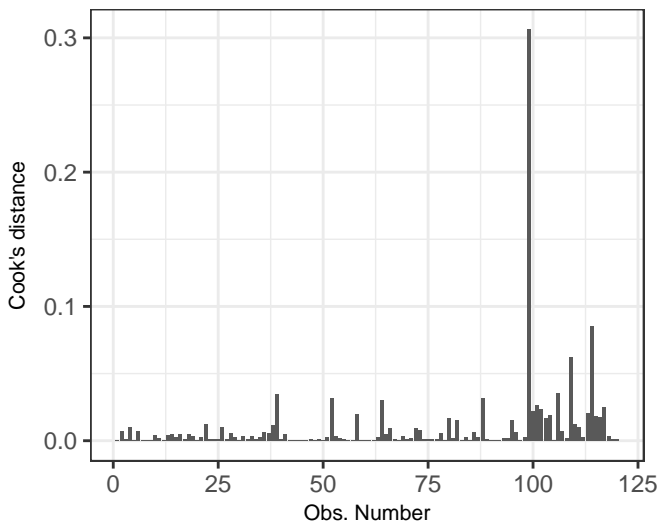
Residual vs Fitted Plot



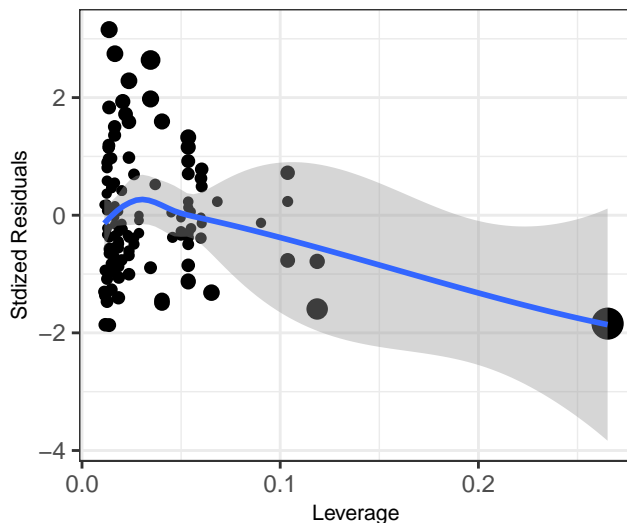
Normal Q-Q



Cook's distance



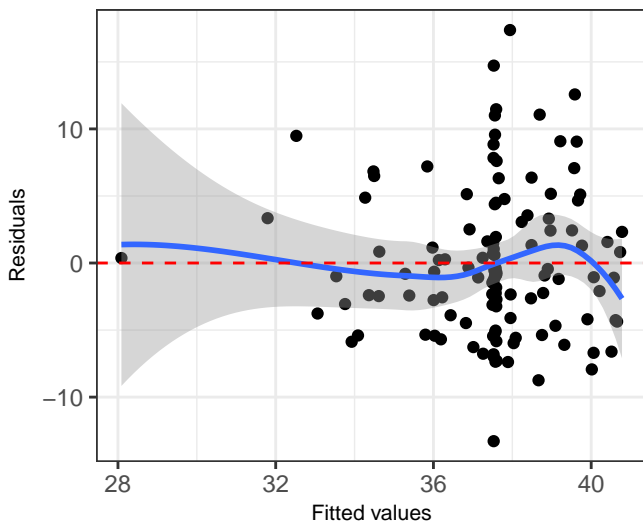
Residual vs Leverage Plot



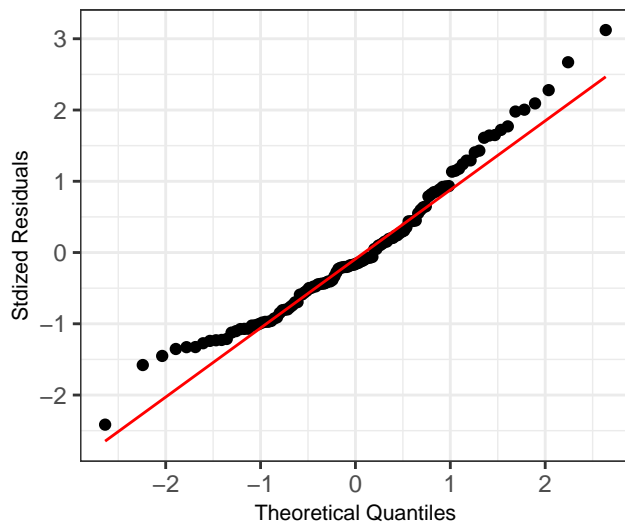
Cook's Distance    ● 0.1    ● 0.2    ● 0.3

# Diagnostic plots 20

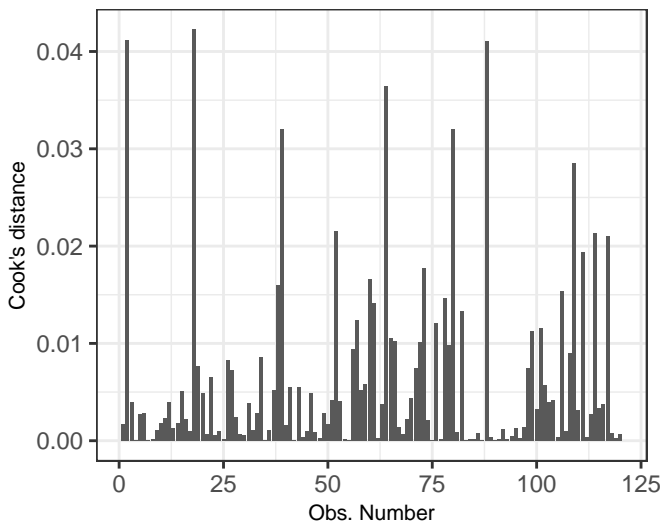
Residual vs Fitted Plot



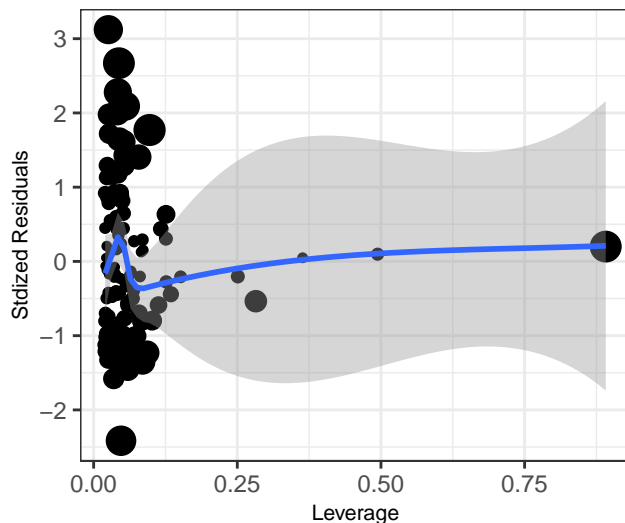
Normal Q-Q



Cook's distance



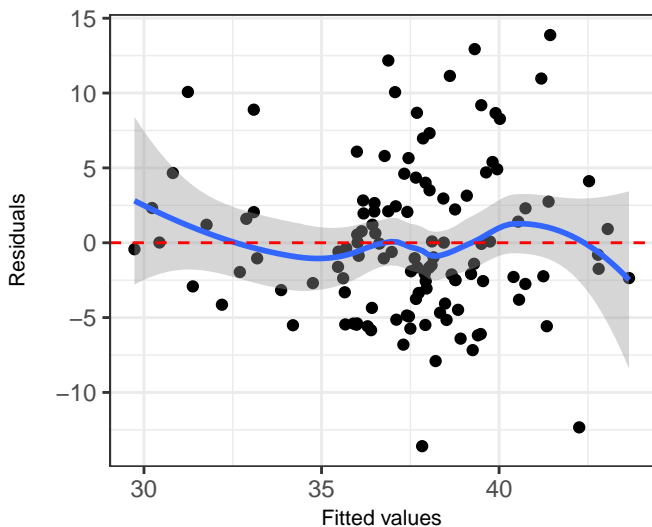
Residual vs Leverage Plot



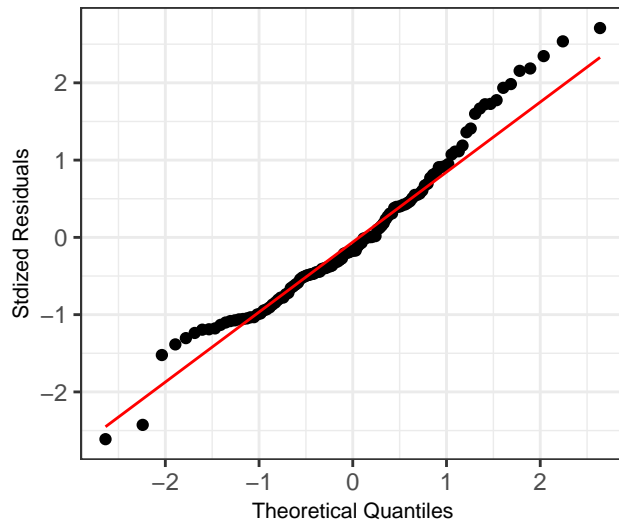
Cook's Distance ● 0.01 ● 0.02 ● 0.03 ●

# Diagnostic plots 21

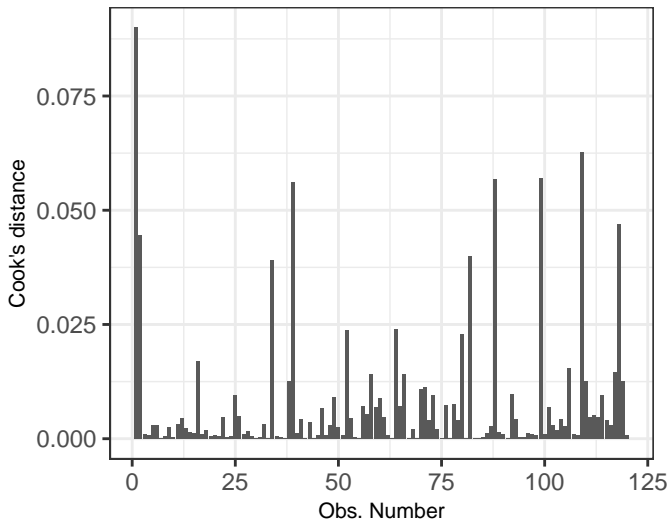
Residual vs Fitted Plot



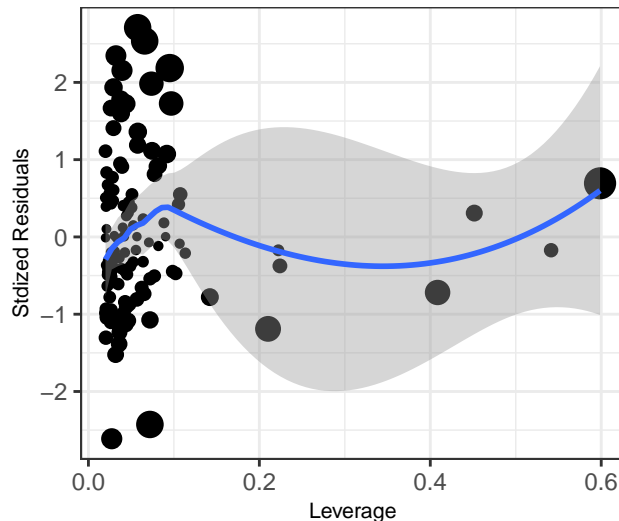
Normal Q-Q



Cook's distance



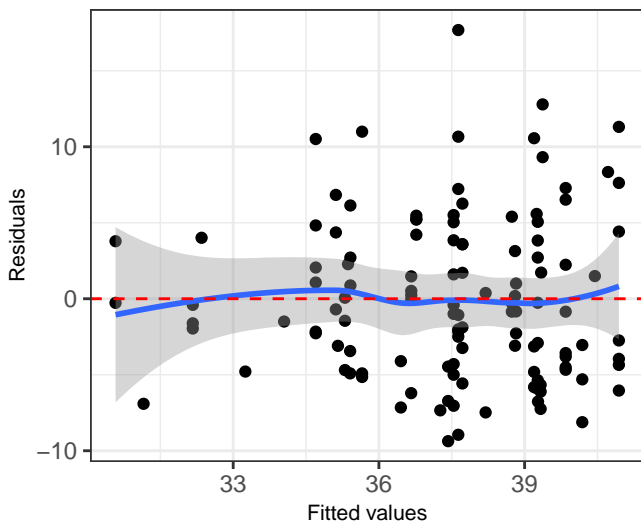
Residual vs Leverage Plot



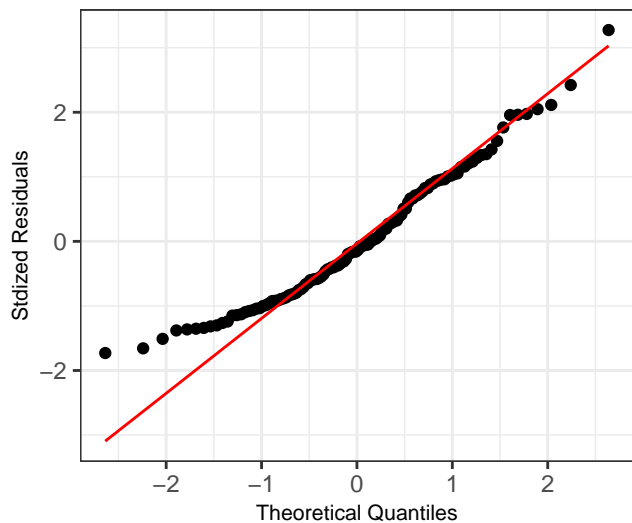
Cook's Distance    ● 0.025    ● 0.050    ● 0.075

# Diagnostic plots 22

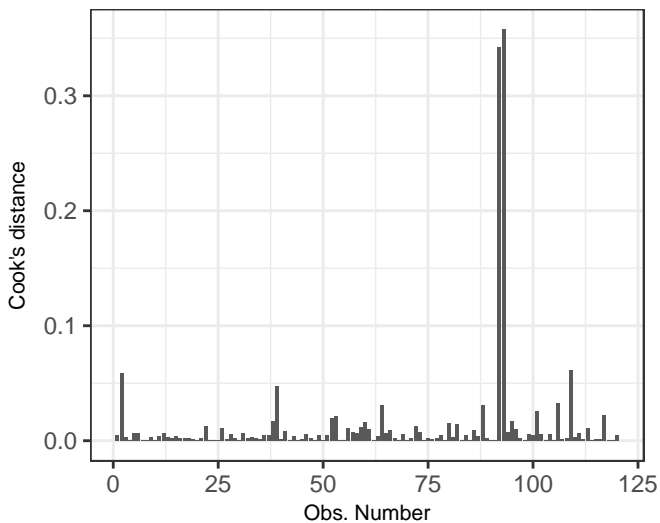
Residual vs Fitted Plot



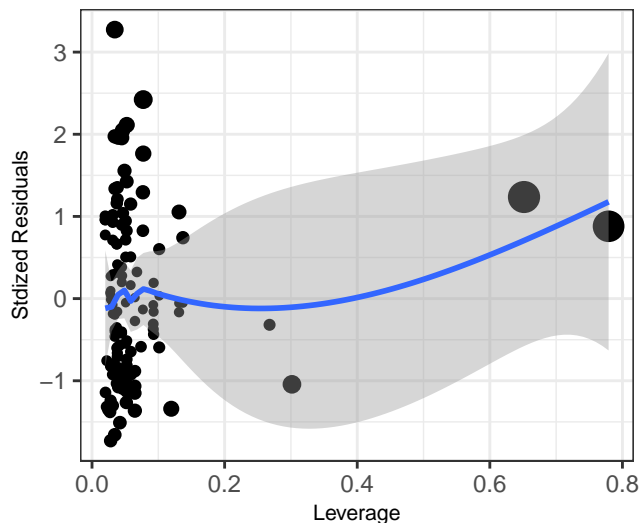
Normal Q-Q



Cook's distance



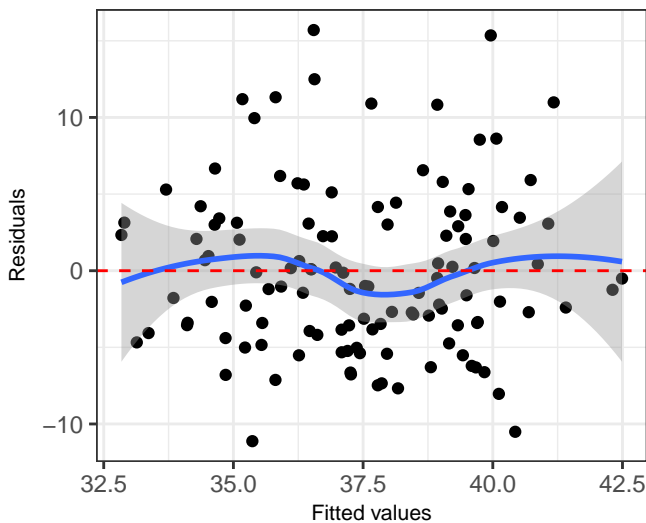
Residual vs Leverage Plot



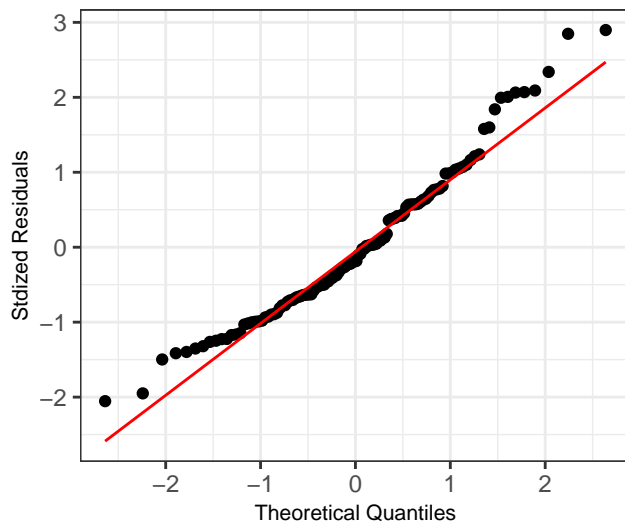
Cook's Distance    ● 0.1    ● 0.2    ● 0.3

# Diagnostic plots 23

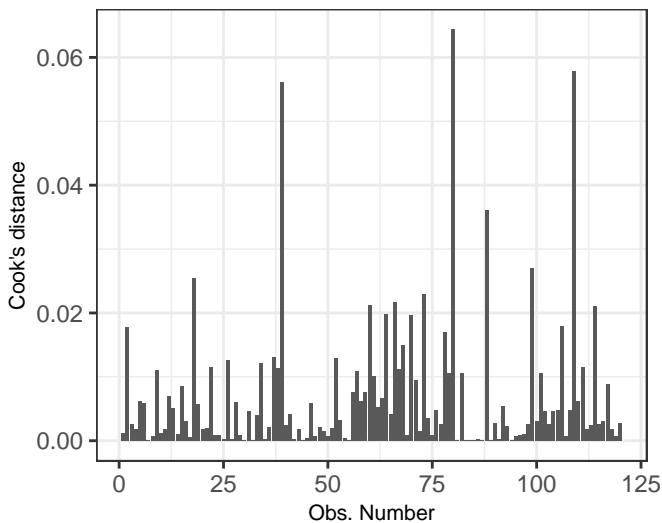
Residual vs Fitted Plot



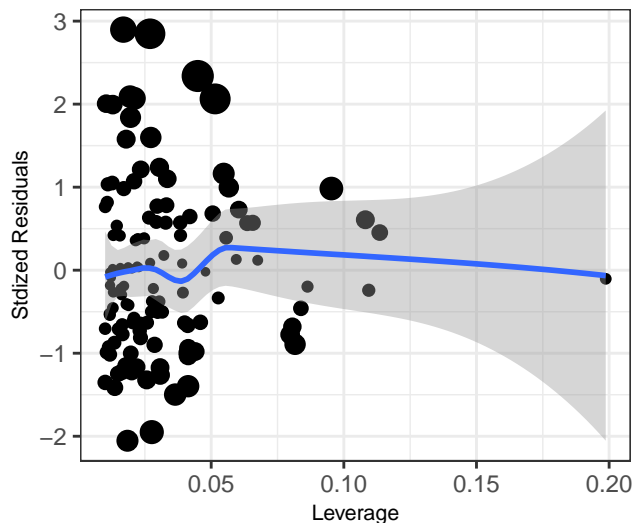
Normal Q-Q



Cook's distance



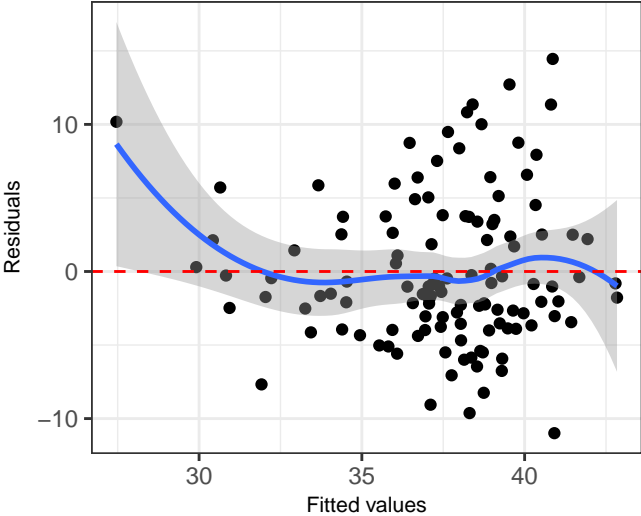
Residual vs Leverage Plot



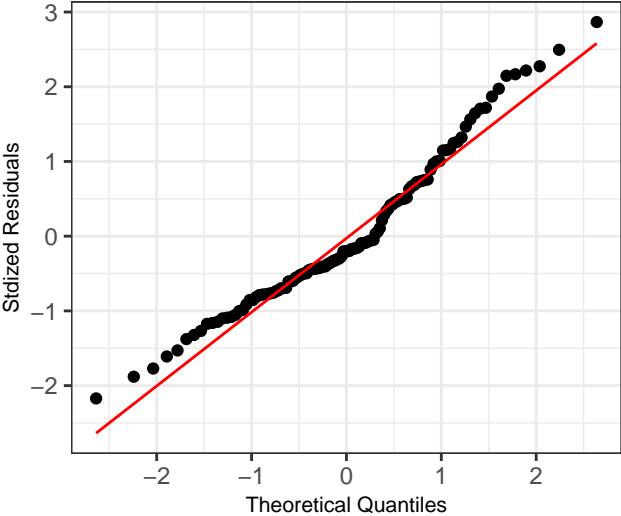
Cook's Distance ● 0.02 ● 0.04 ● 0.06

# Diagnostic plots 24

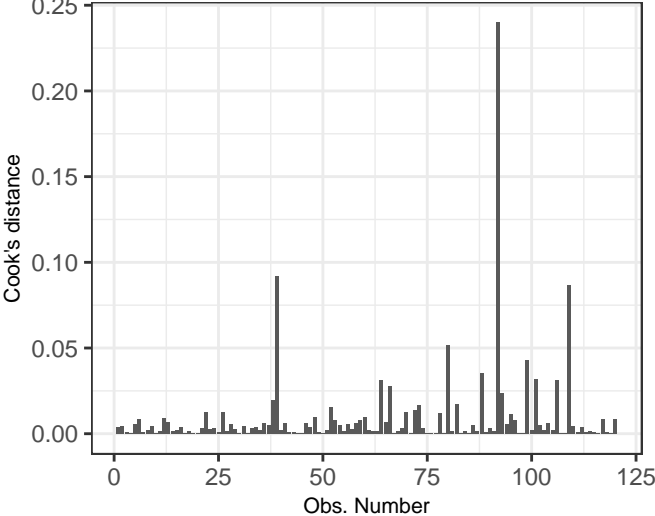
Residual vs Fitted Plot



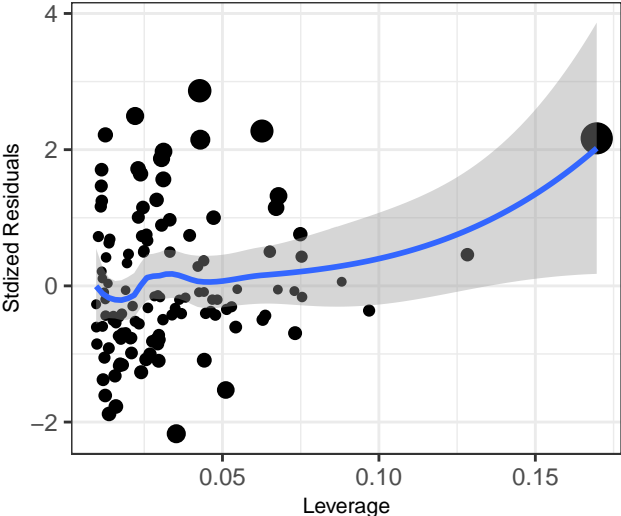
Normal Q-Q



Cook's distance



Residual vs Leverage Plot

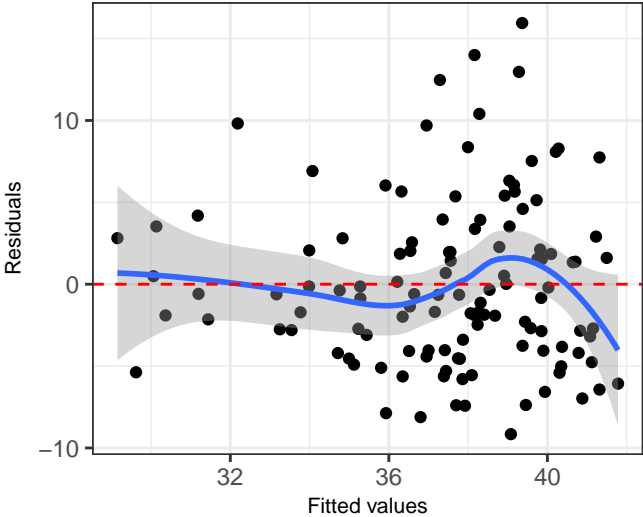


Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ●

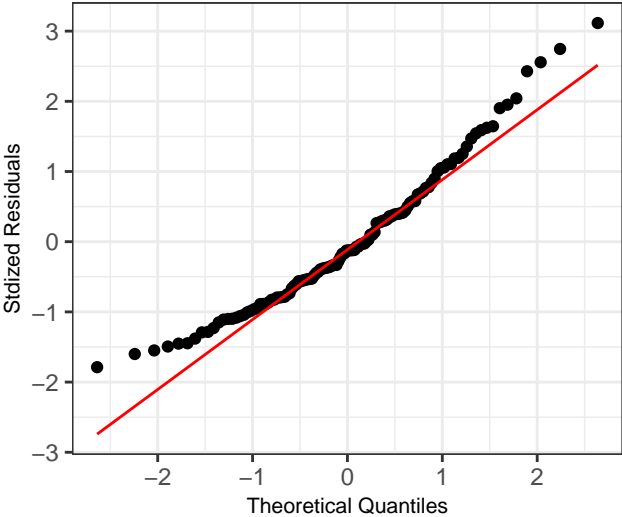


# Diagnostic plots 25

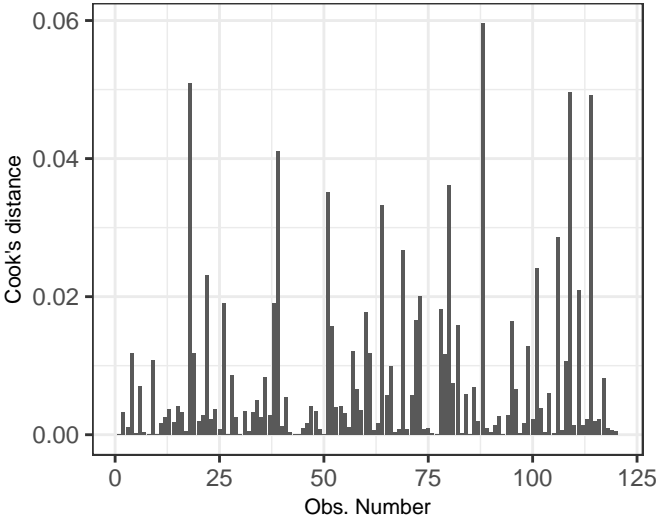
Residual vs Fitted Plot



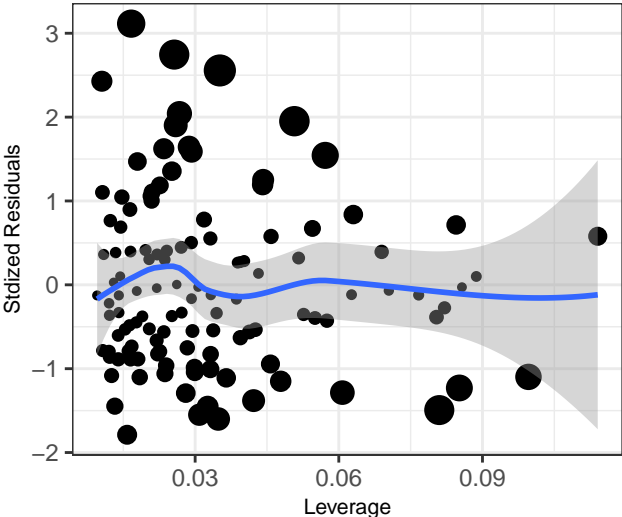
Normal Q-Q



Cook's distance

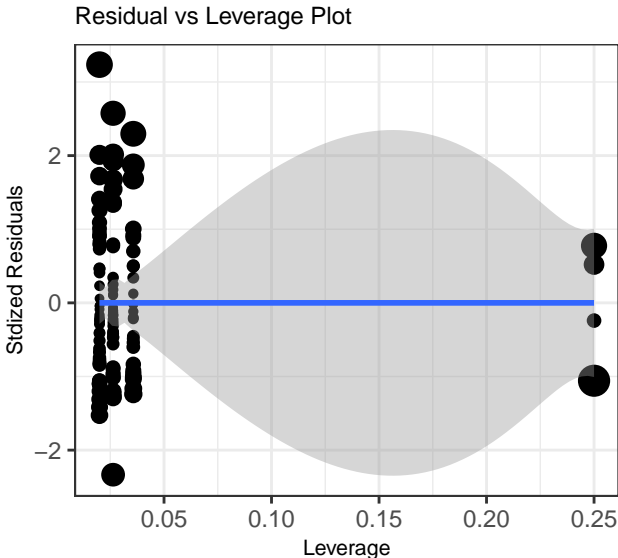
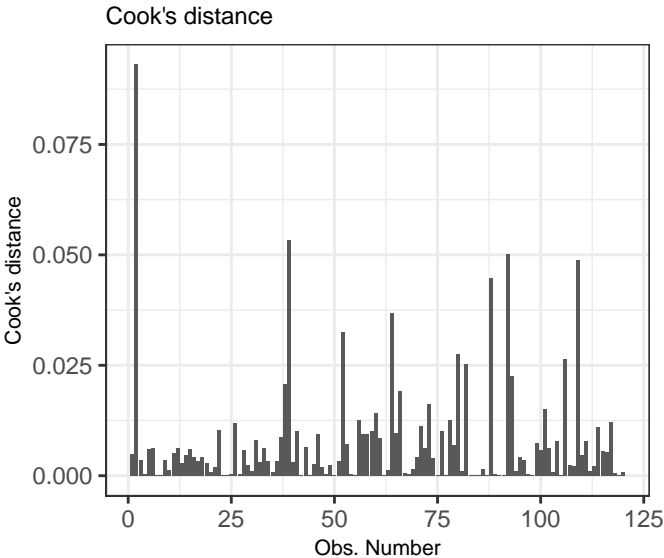
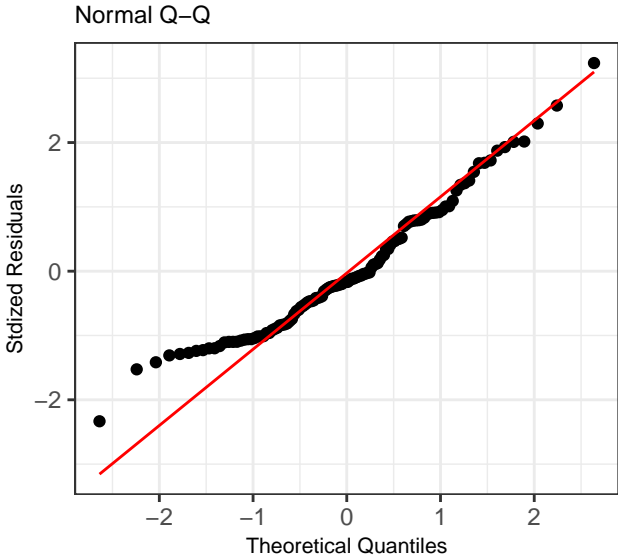
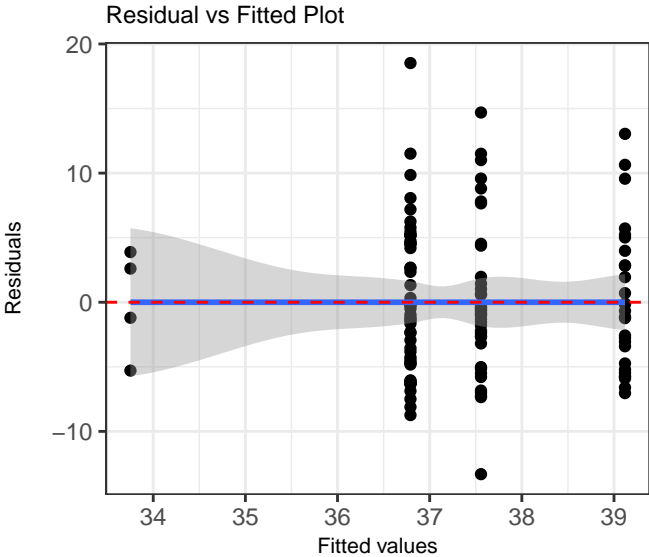


Residual vs Leverage Plot



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

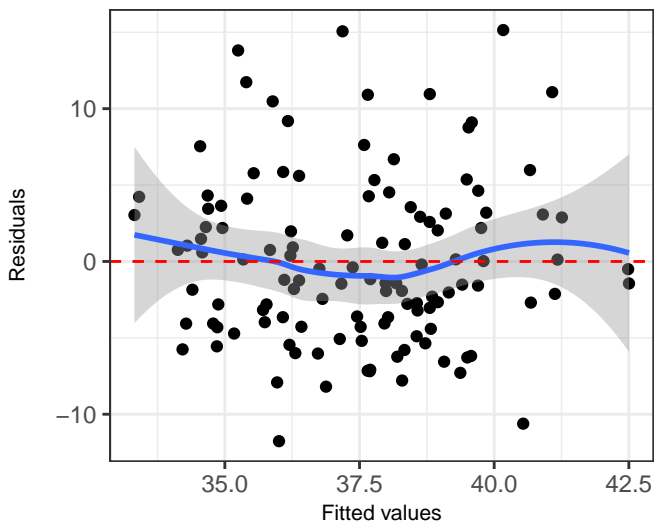
# Diagnostic plots 26



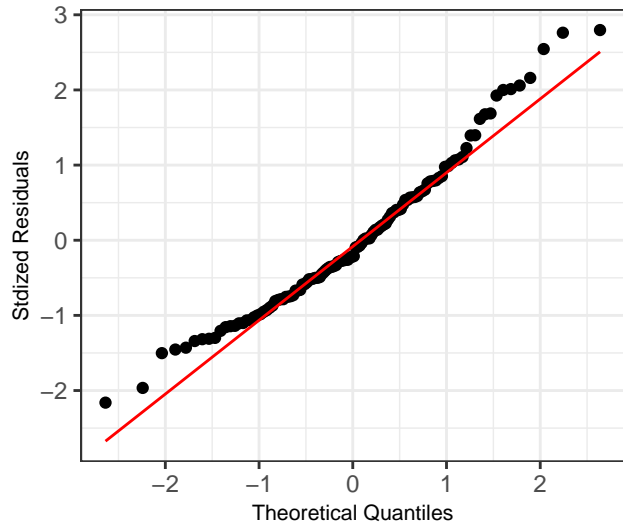
Cook's Distance    ● 0.025    ● 0.050    ● 0.075

# Diagnostic plots 27

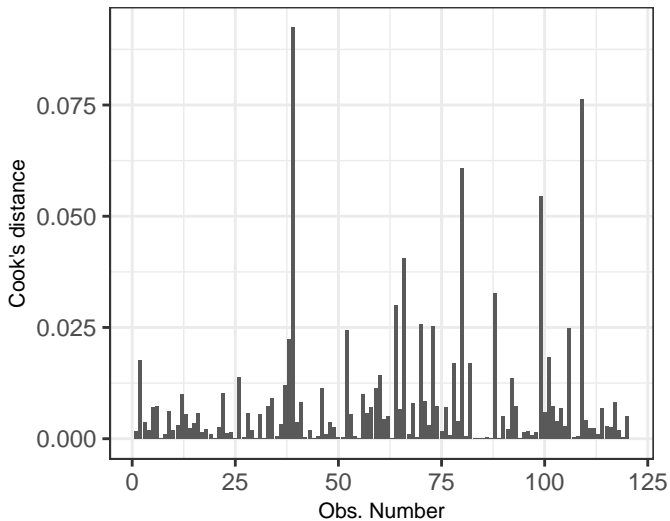
Residual vs Fitted Plot



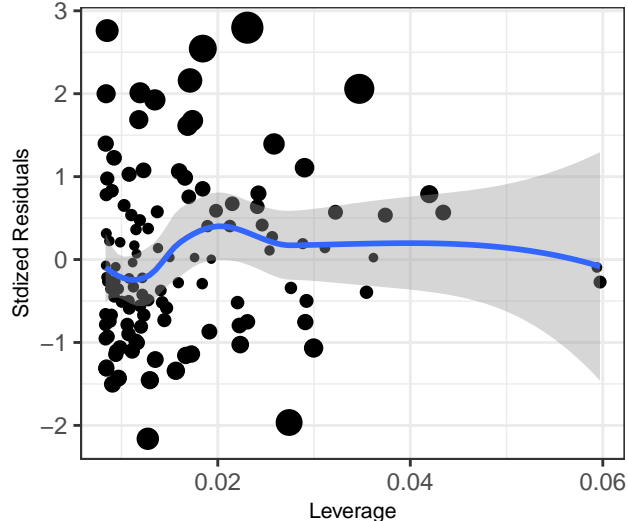
Normal Q-Q



Cook's distance



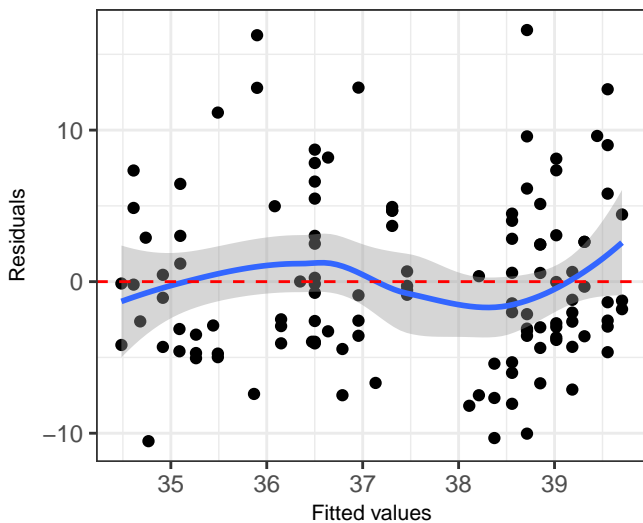
Residual vs Leverage Plot



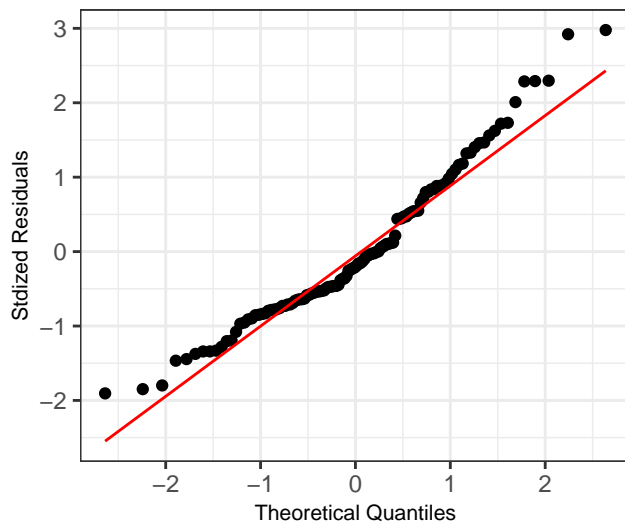
Cook's Distance    ● 0.025    ● 0.050    ● 0.075

# Diagnostic plots 28

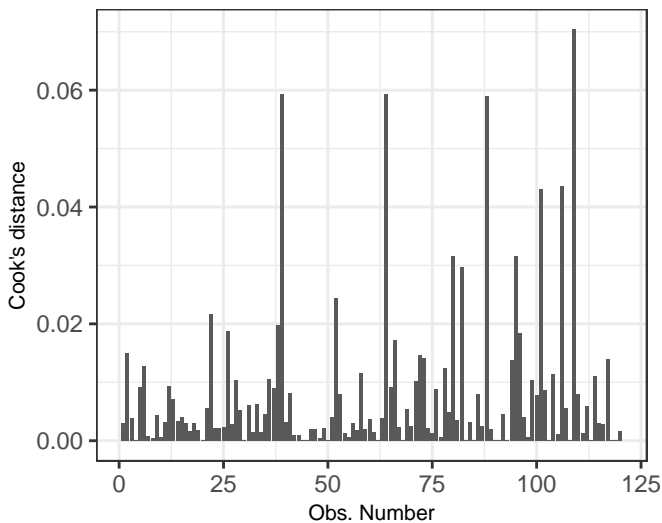
Residual vs Fitted Plot



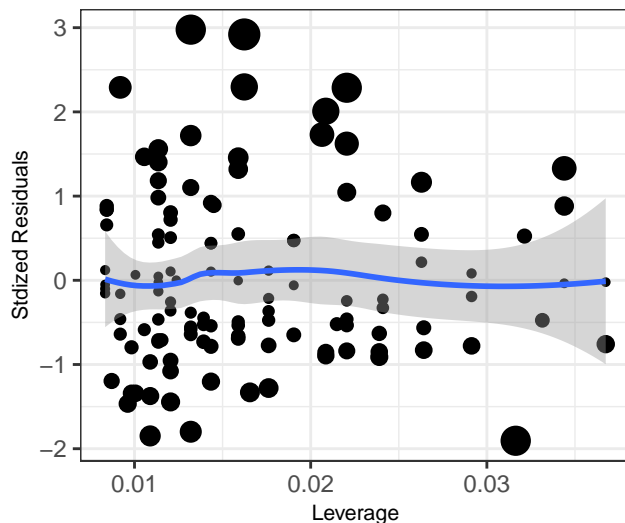
Normal Q-Q



Cook's distance



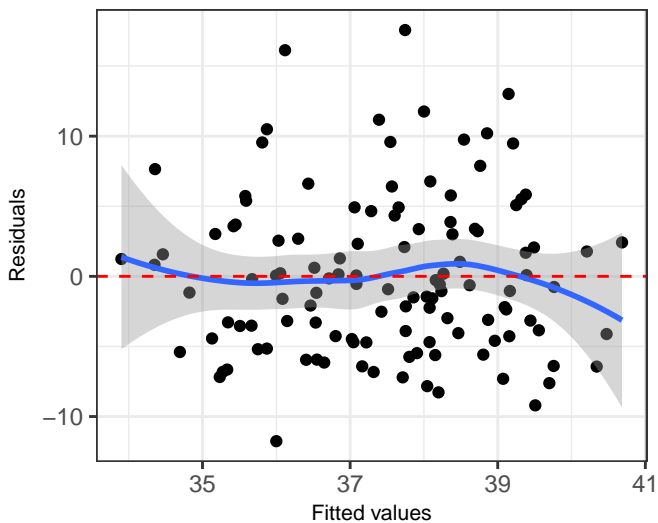
Residual vs Leverage Plot



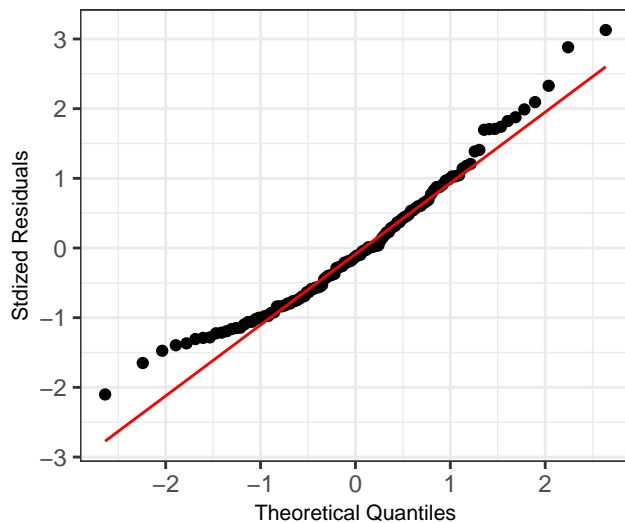
Cook's Distance    ● 0.02    ● 0.04    ● 0.06

# Diagnostic plots 29

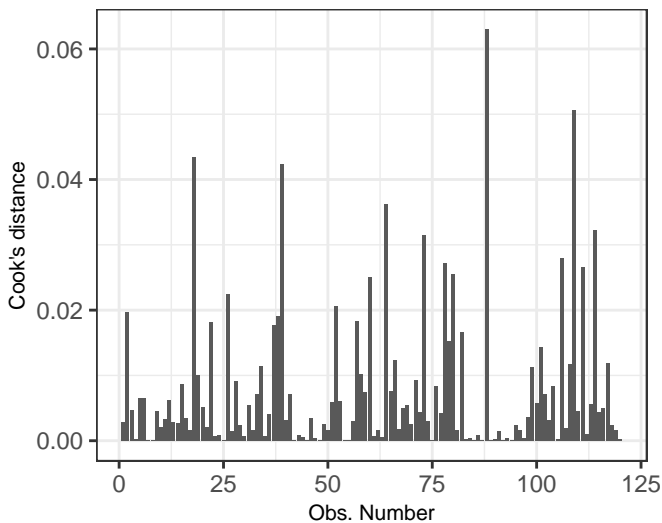
Residual vs Fitted Plot



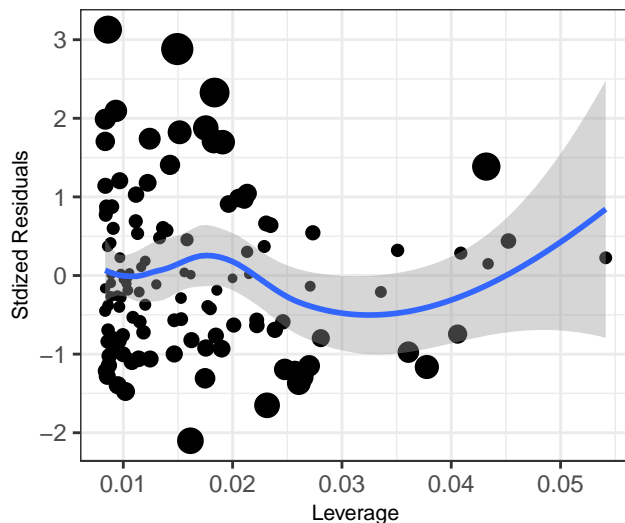
Normal Q-Q



Cook's distance

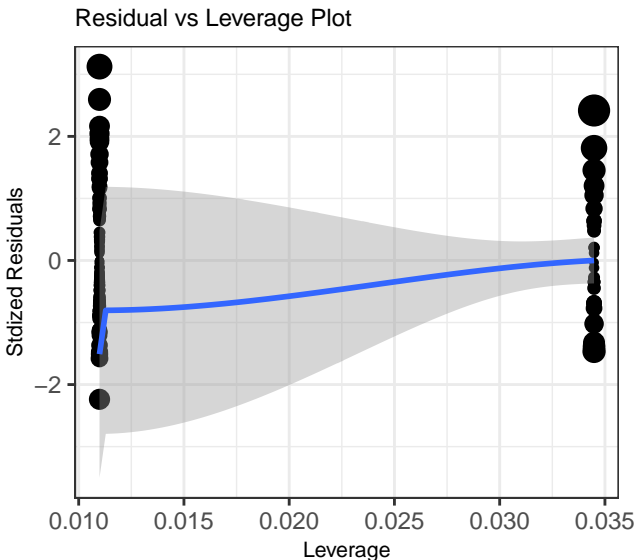
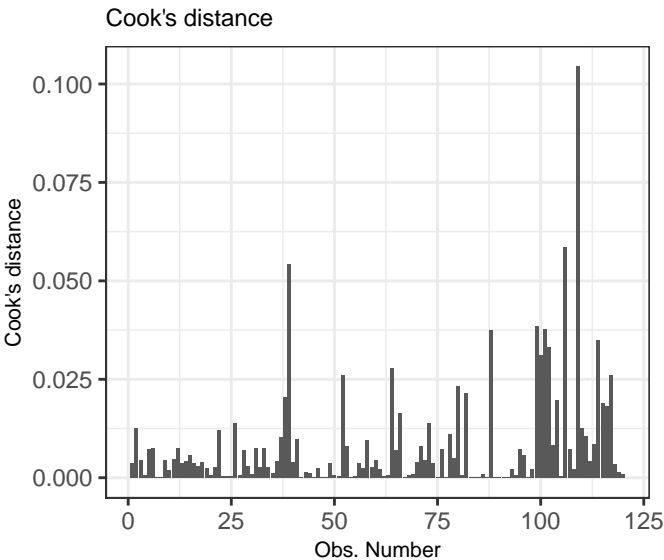
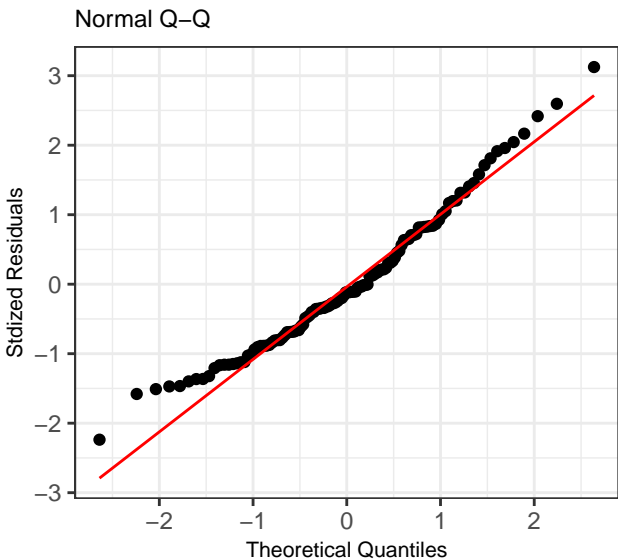
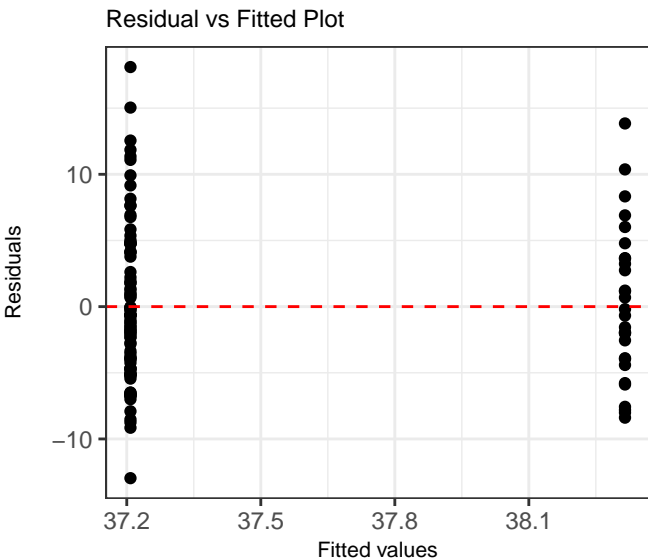


Residual vs Leverage Plot



Cook's Distance    ● 0.02    ● 0.04    ● 0.06

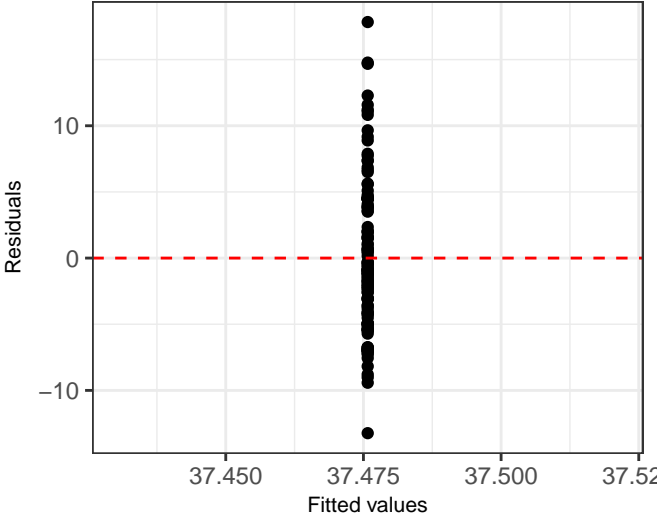
# Diagnostic plots 30



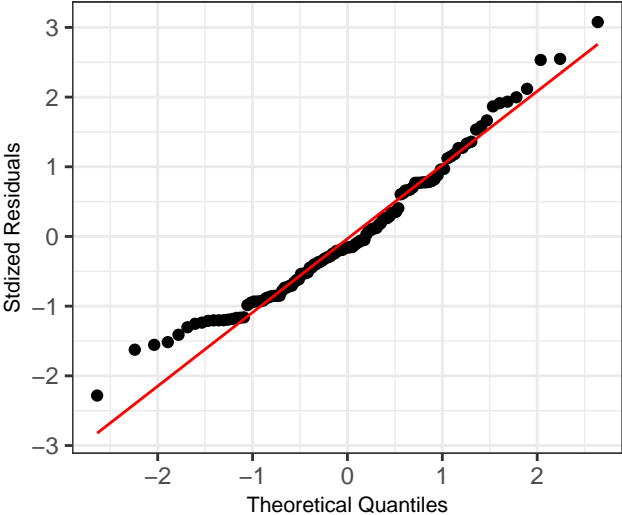
Cook's Distance    ● 0.025    ● 0.050    ● 0.075    ●

# Diagnostic plots 31

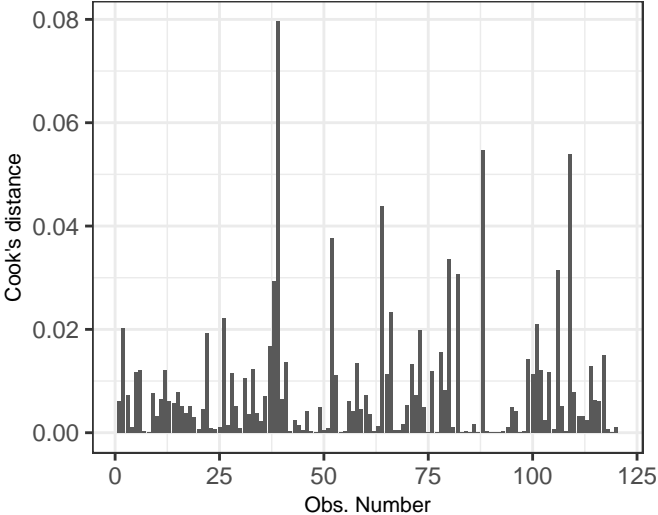
Residual vs Fitted Plot



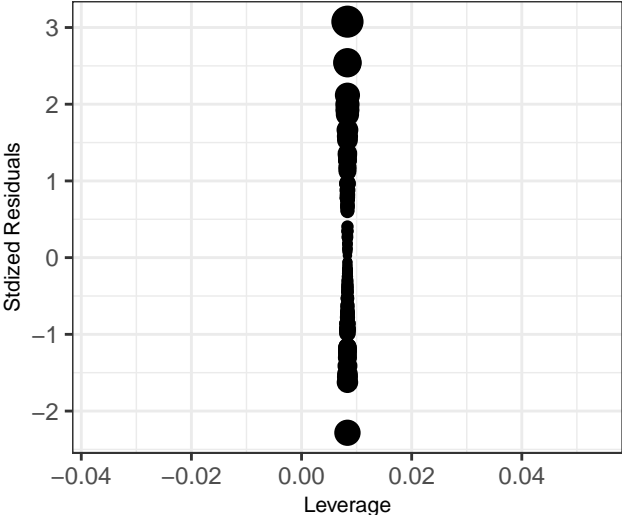
Normal Q-Q



Cook's distance



Residual vs Leverage Plot



Cook's Distance    ● 0.02    ● 0.04    ● 0.06