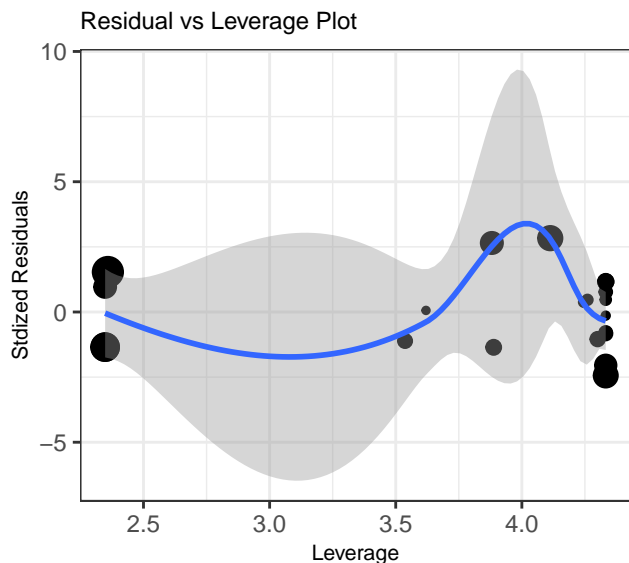
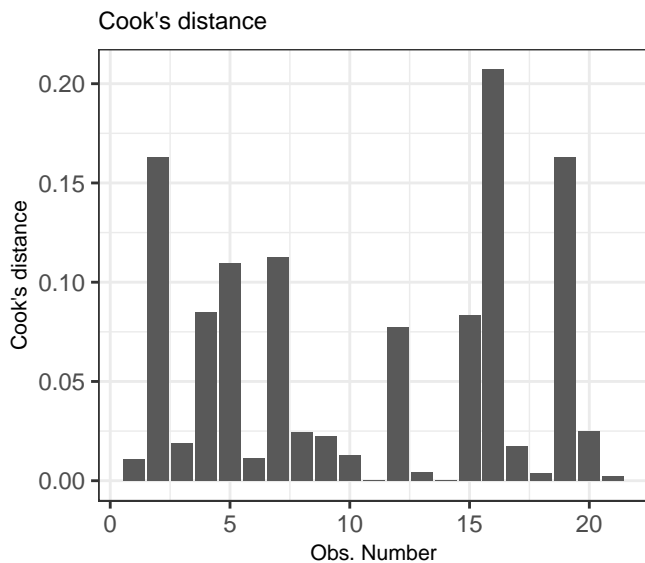
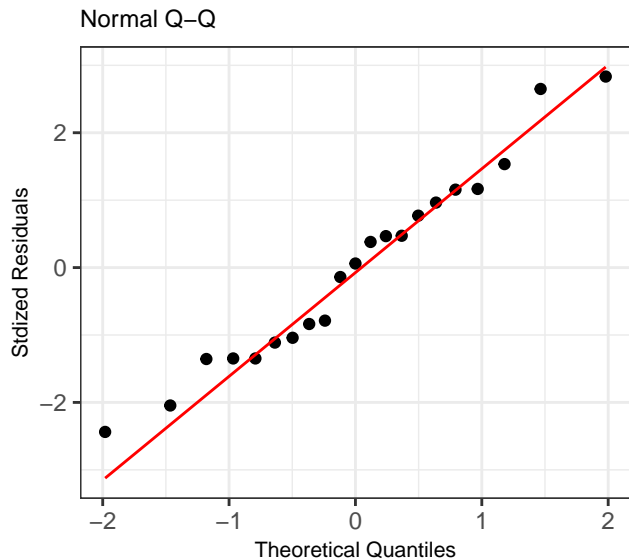
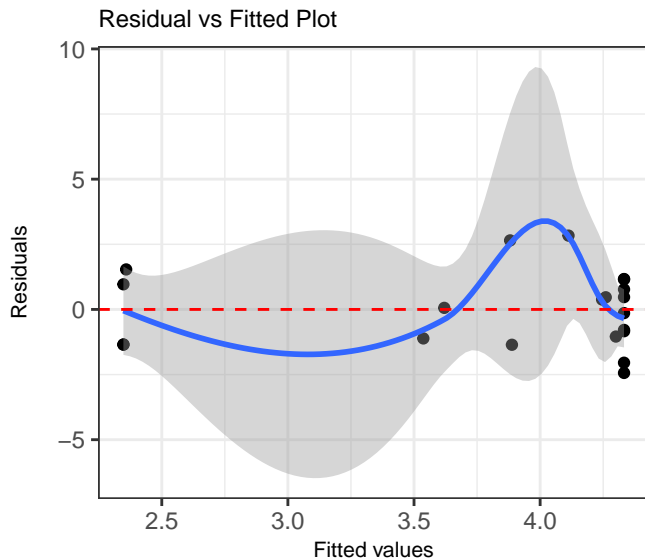


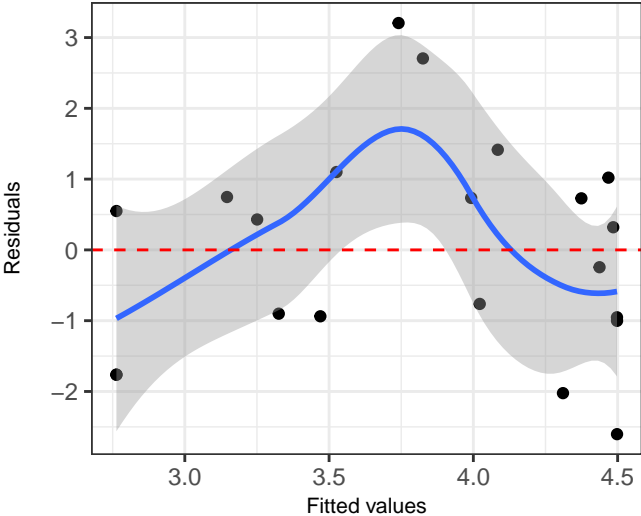
# Diagnostic plots ShDist20



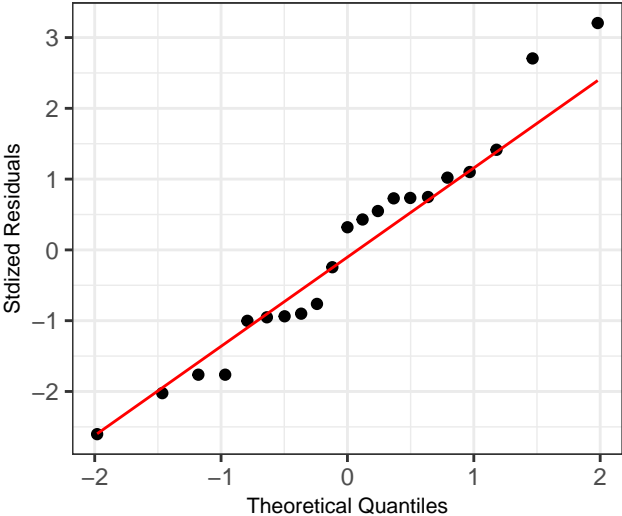
Cook's Distance ● 0.05 ● 0.10 ● 0.15 ●

# Diagnostic plots ShDist50

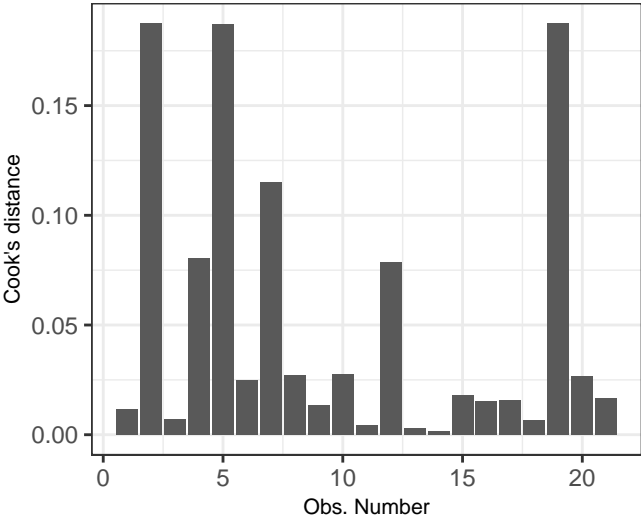
Residual vs Fitted Plot



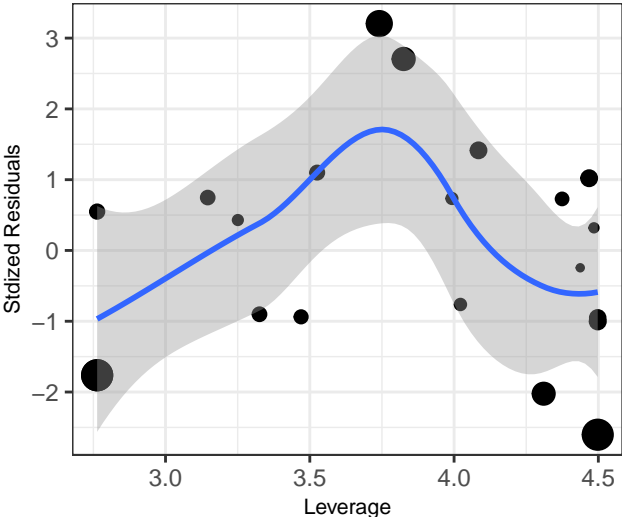
Normal Q-Q



Cook's distance



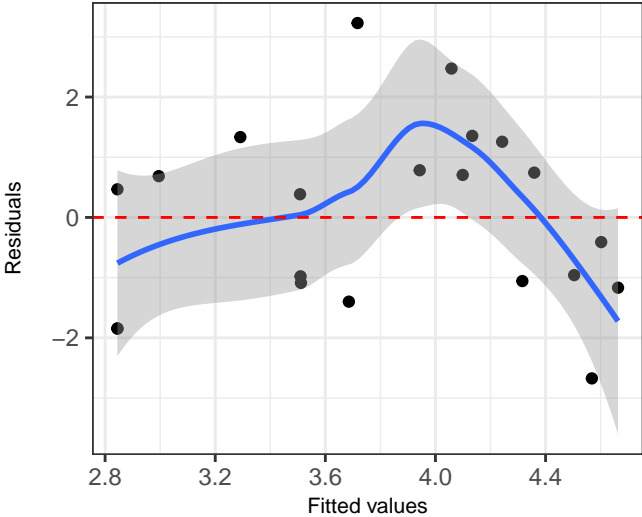
Residual vs Leverage Plot



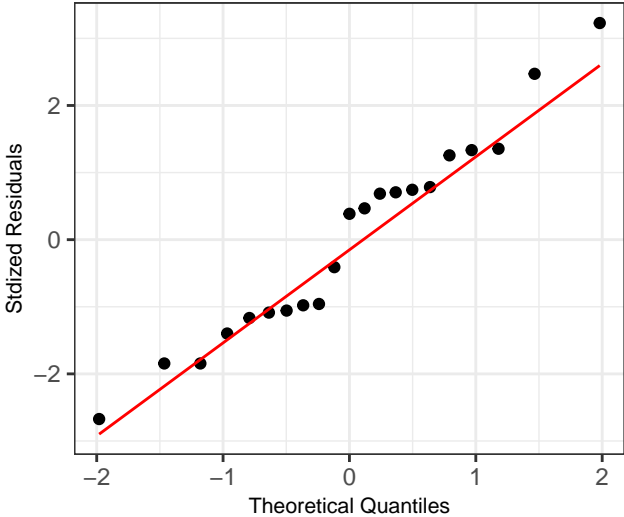
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots ShDist100

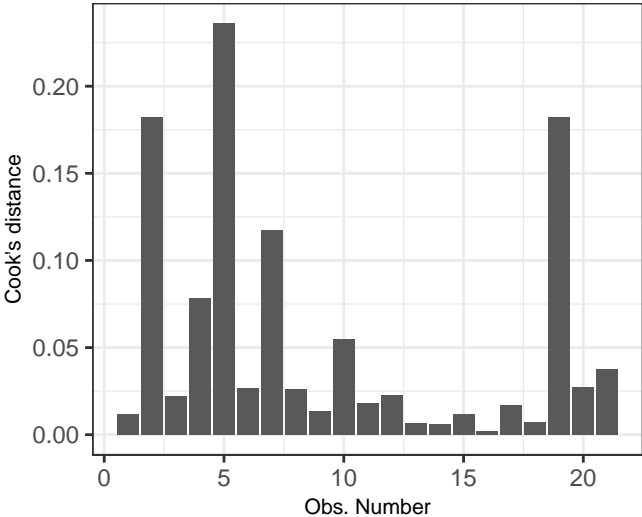
Residual vs Fitted Plot



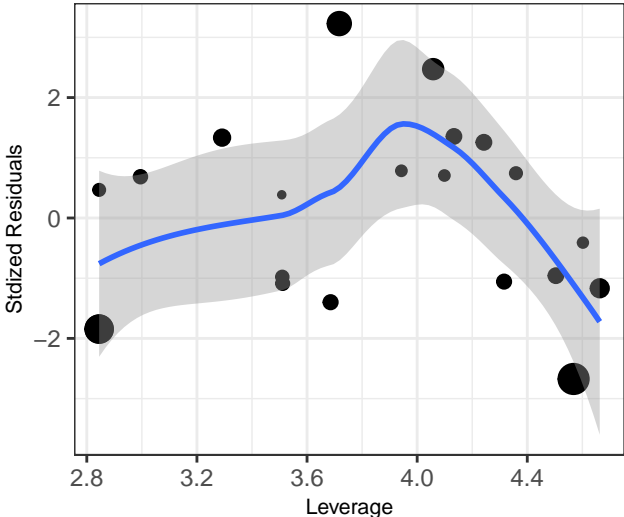
Normal Q-Q



Cook's distance



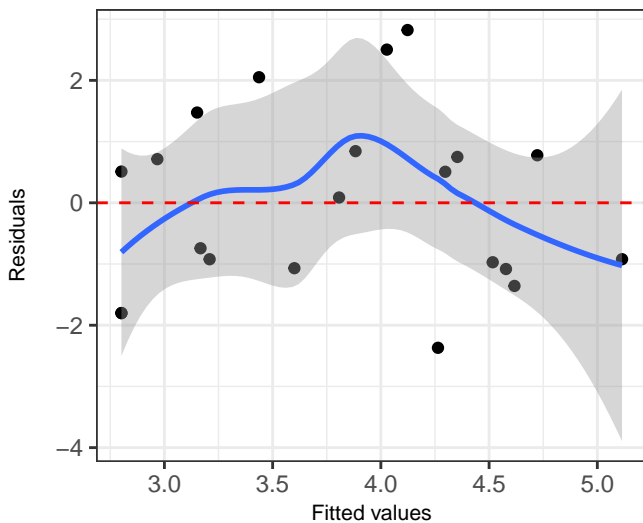
Residual vs Leverage Plot



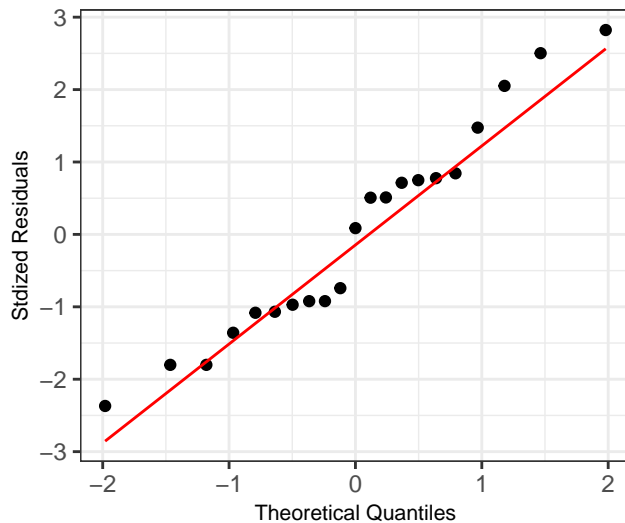
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ●

# Diagnostic plots ShDist200

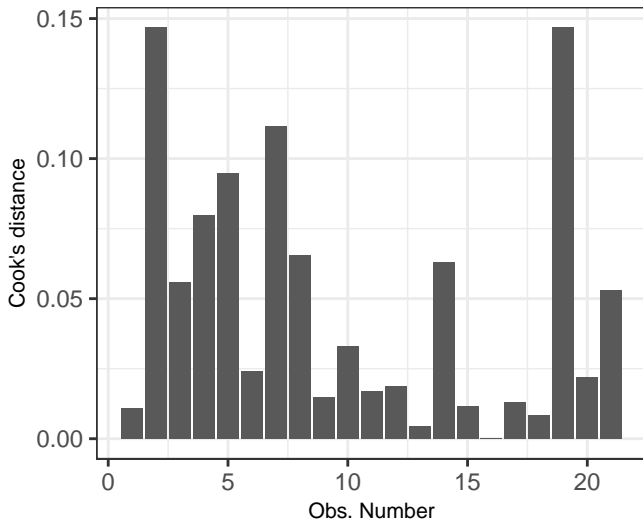
## Residual vs Fitted Plot



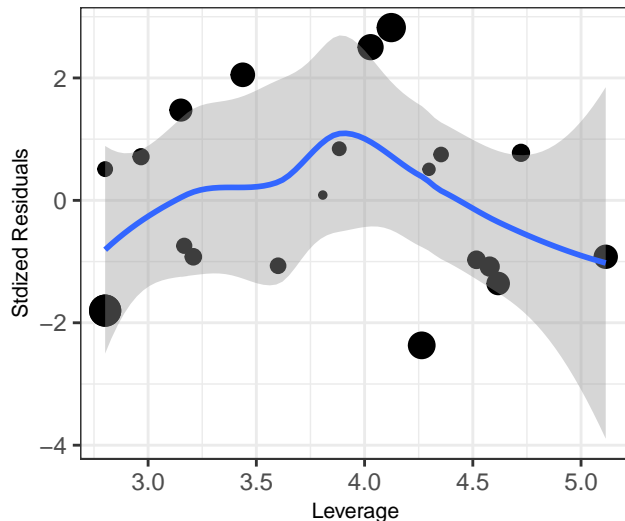
## Normal Q-Q



## Cook's distance



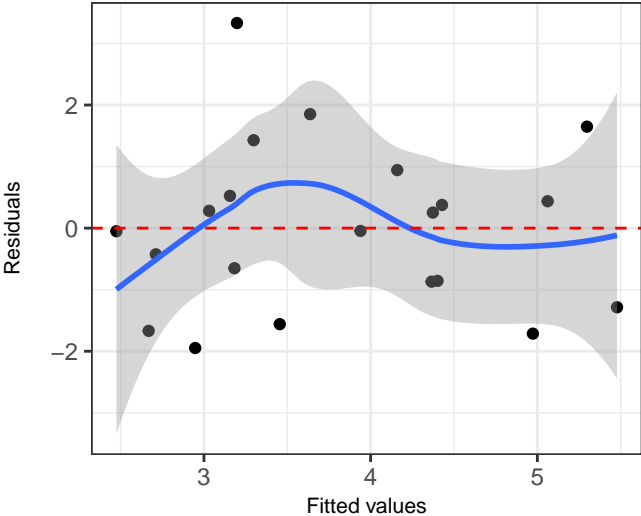
## Residual vs Leverage Plot



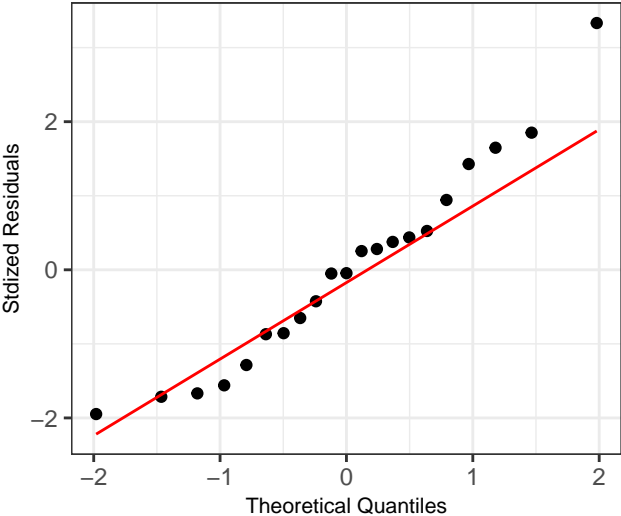
Cook's Distance ● 0.05 ● 0.10

# Diagnostic plots ShDist500

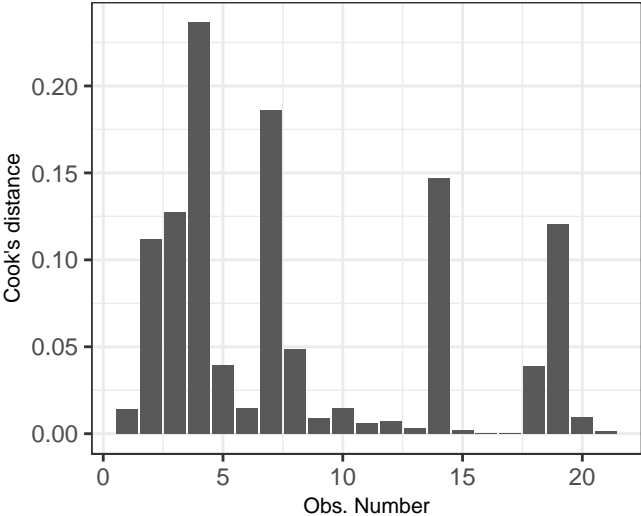
Residual vs Fitted Plot



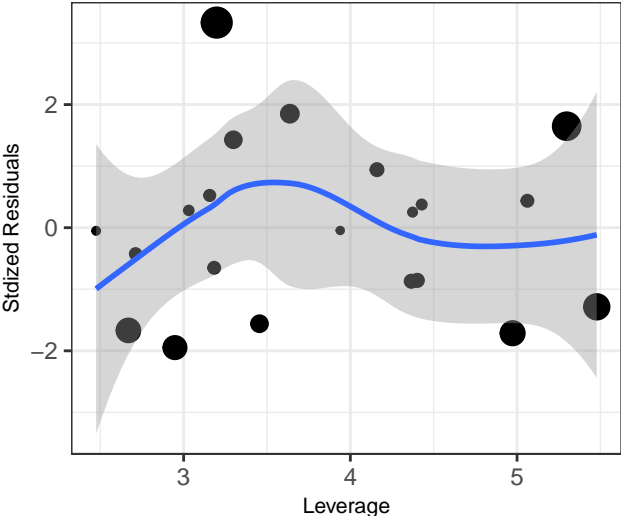
Normal Q-Q



Cook's distance



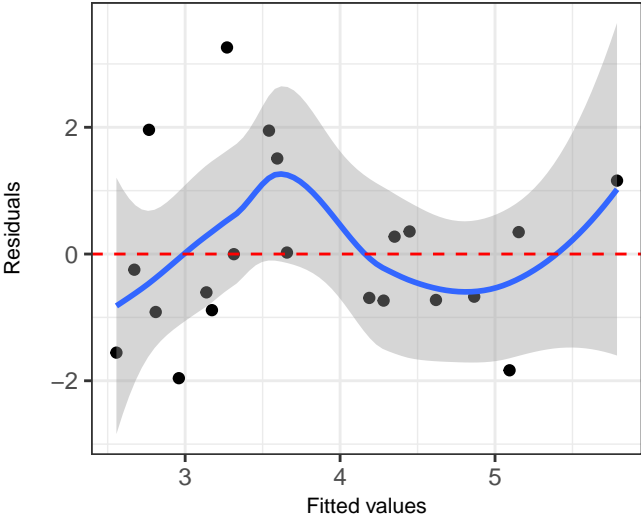
Residual vs Leverage Plot



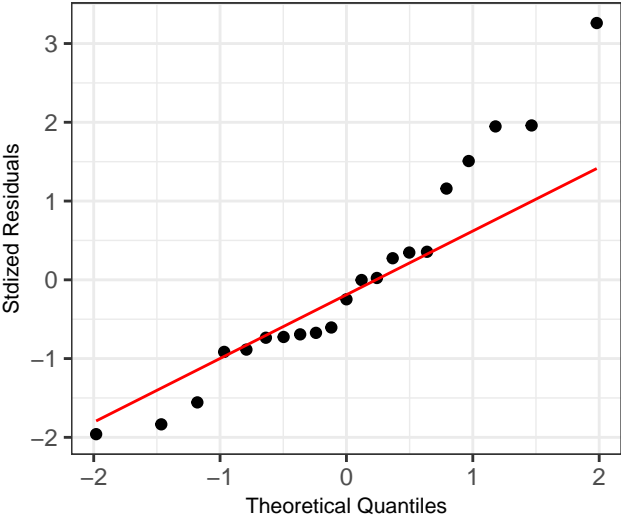
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ●

# Diagnostic plots ShDist1000

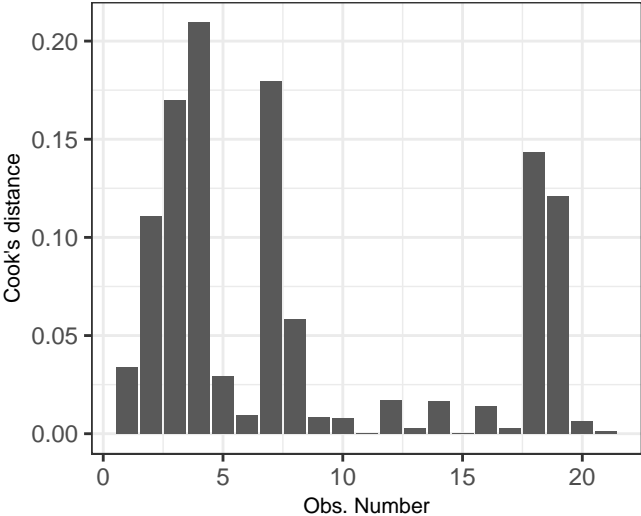
Residual vs Fitted Plot



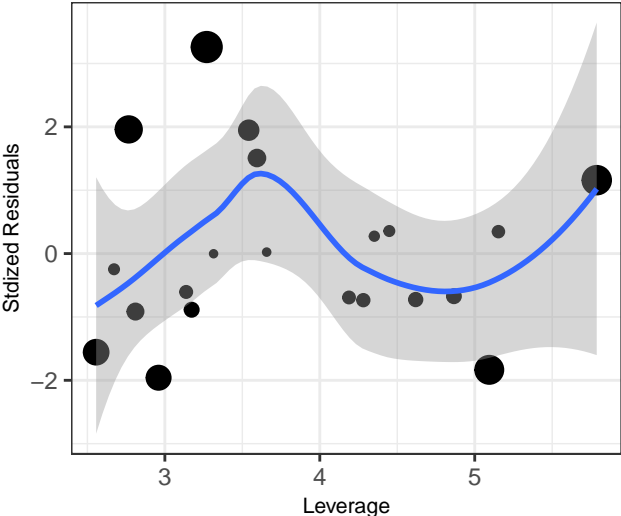
Normal Q-Q



Cook's distance



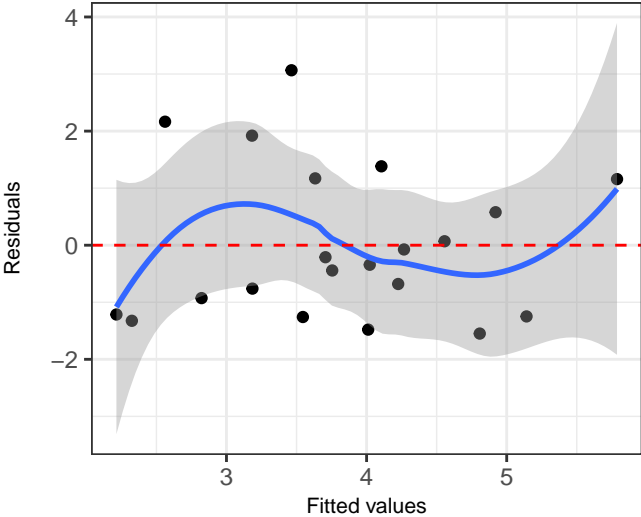
Residual vs Leverage Plot



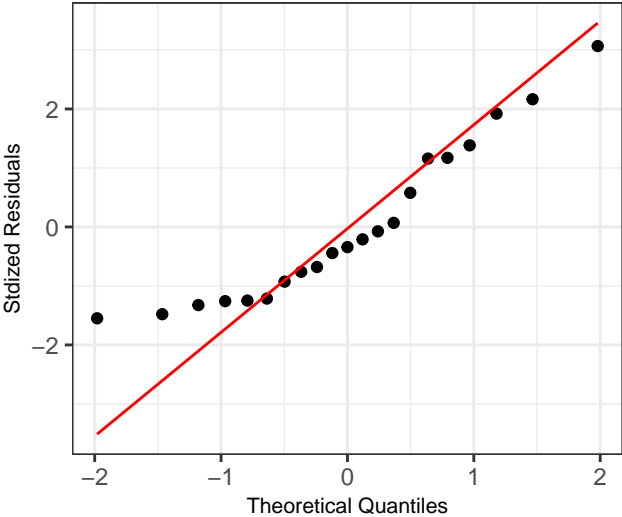
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ●

# Diagnostic plots ShDist2000

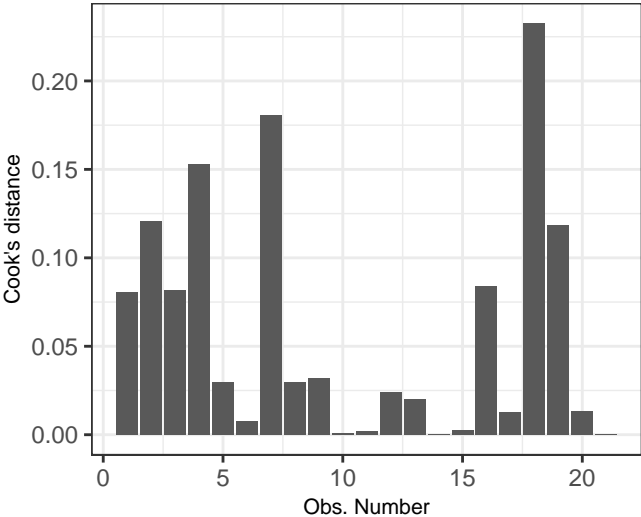
Residual vs Fitted Plot



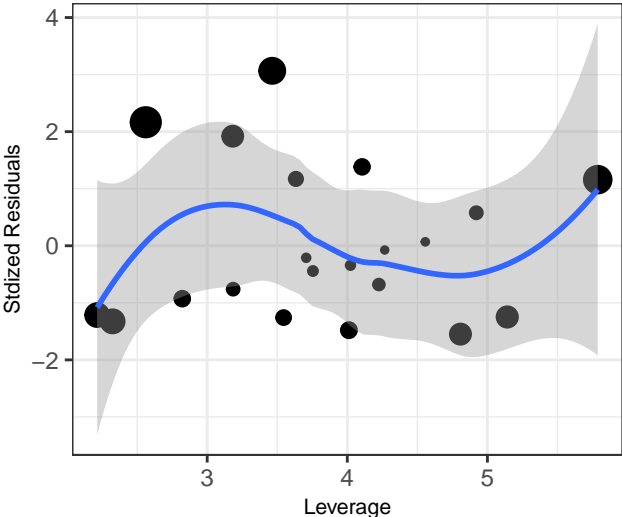
Normal Q-Q



Cook's distance



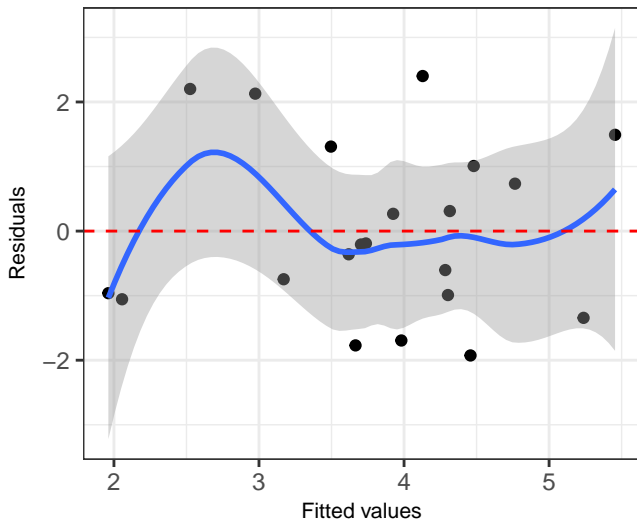
Residual vs Leverage Plot



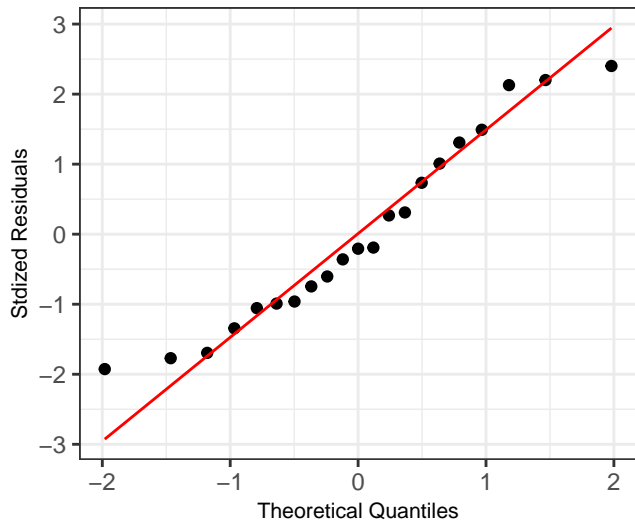
Cook's Distance    ● 0.05    ● 0.10    ● 0.15    ●

# Diagnostic plots ShDist5000

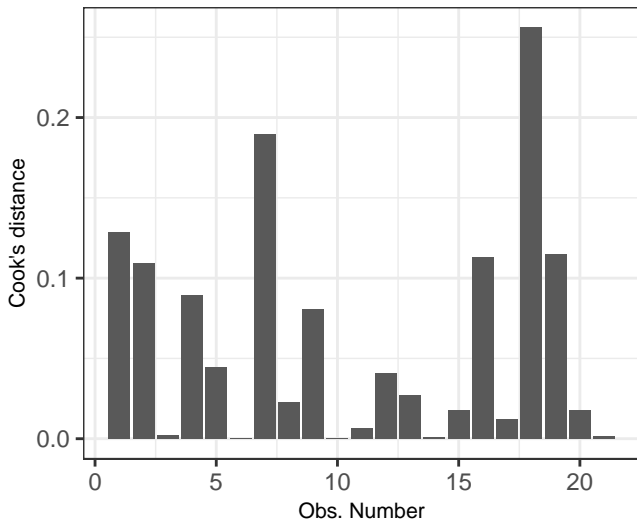
Residual vs Fitted Plot



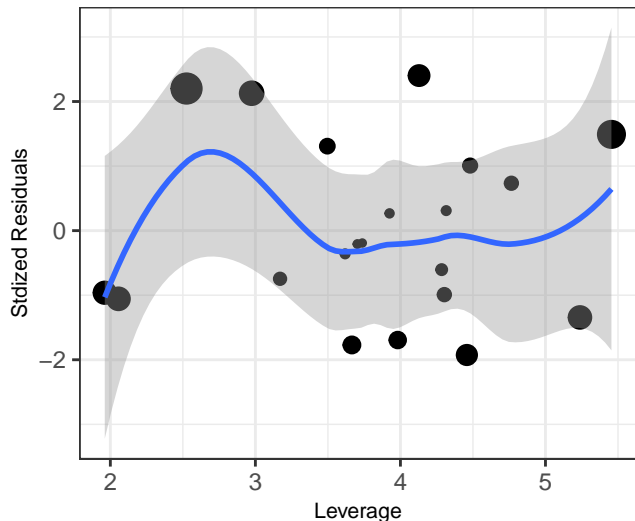
Normal Q-Q



Cook's distance



Residual vs Leverage Plot

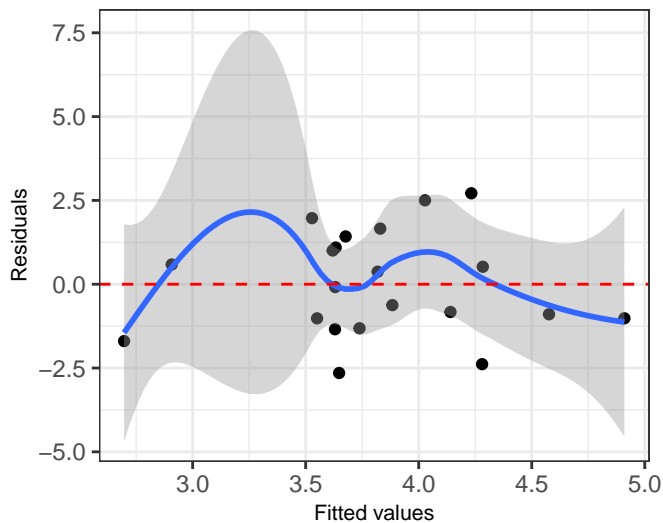


Cook's Distance ● 0.05 ● 0.10 ● 0.15 ● 0.20

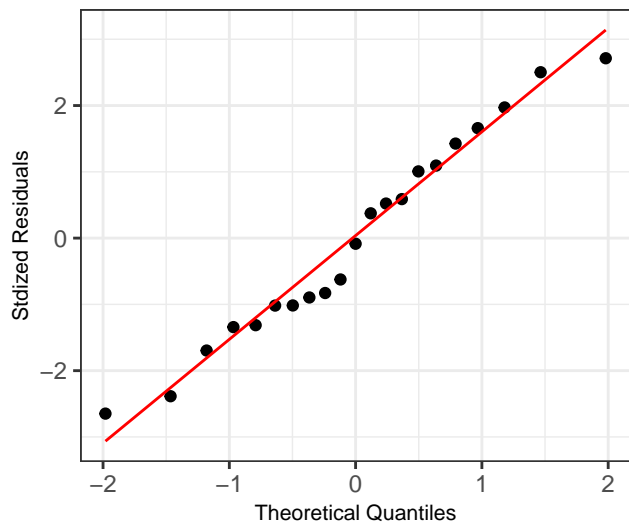


# Diagnostic plots ShNat20

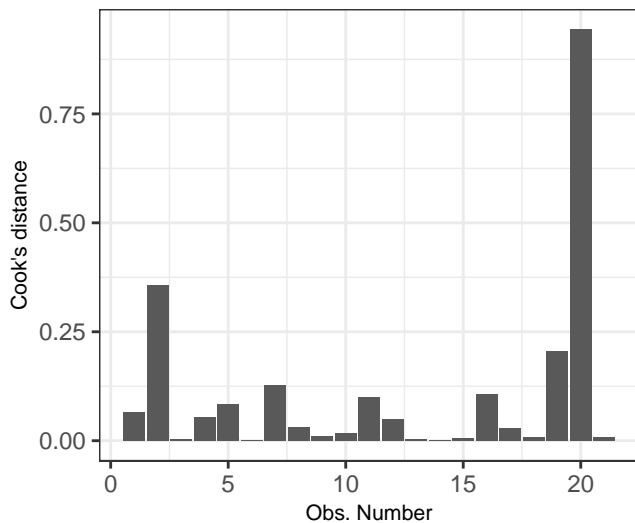
Residual vs Fitted Plot



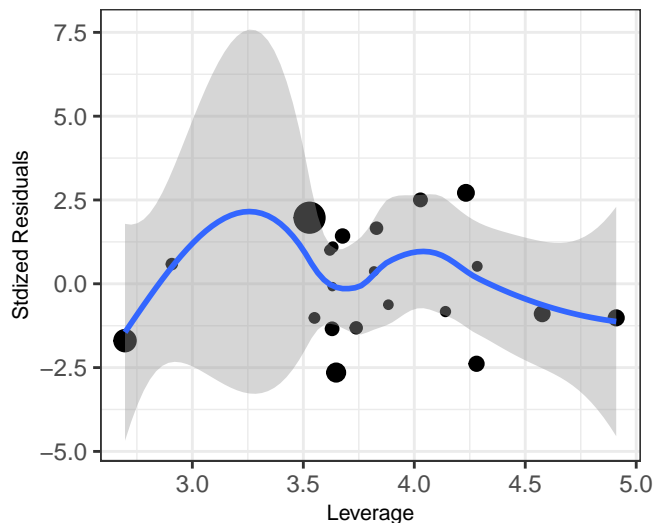
Normal Q-Q



Cook's distance



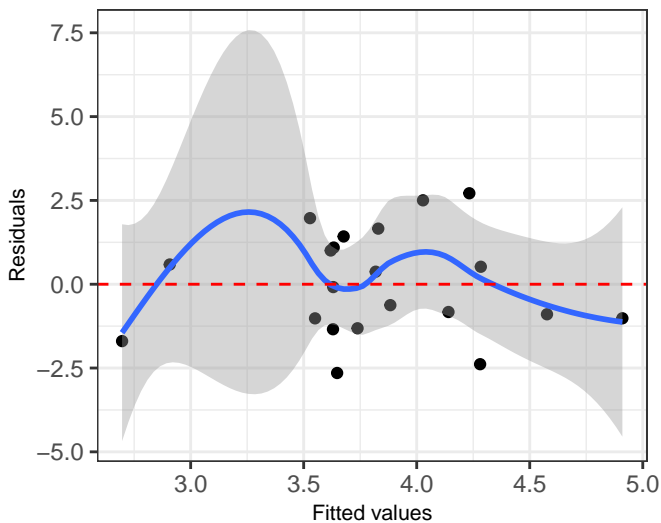
Residual vs Leverage Plot



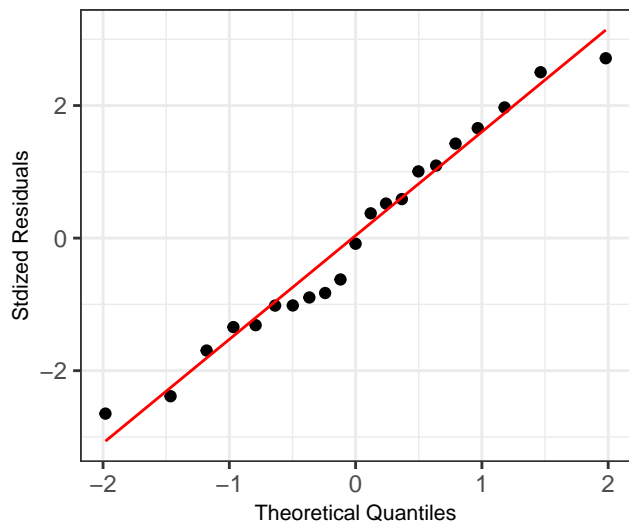
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat50

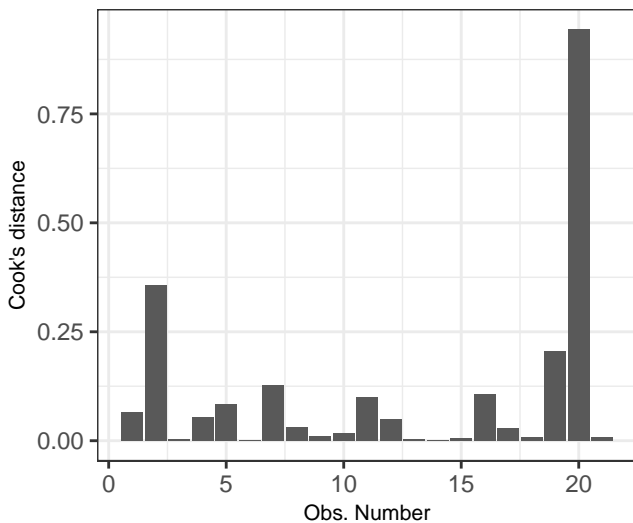
Residual vs Fitted Plot



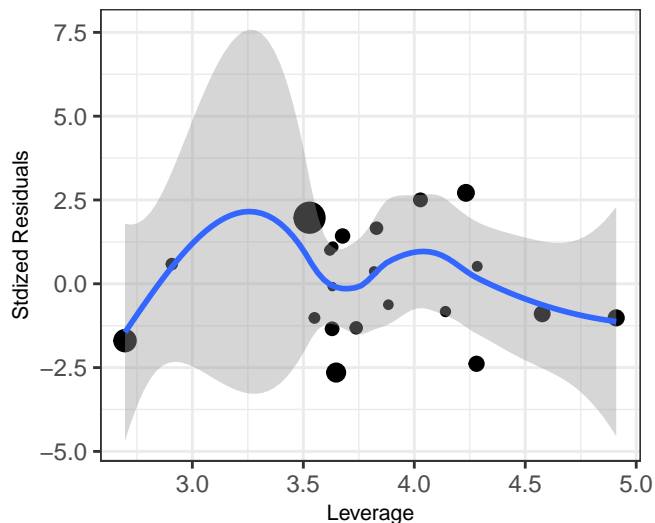
Normal Q-Q



Cook's distance



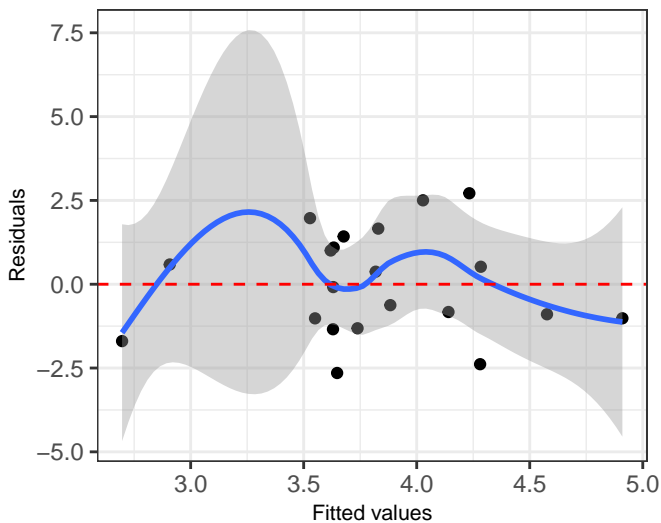
Residual vs Leverage Plot



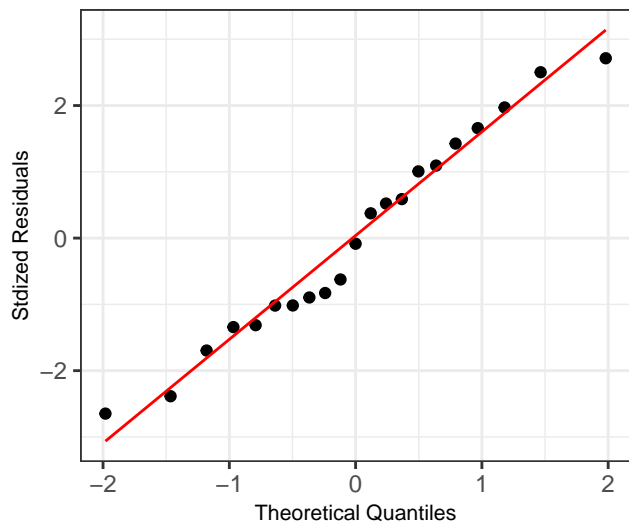
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat100

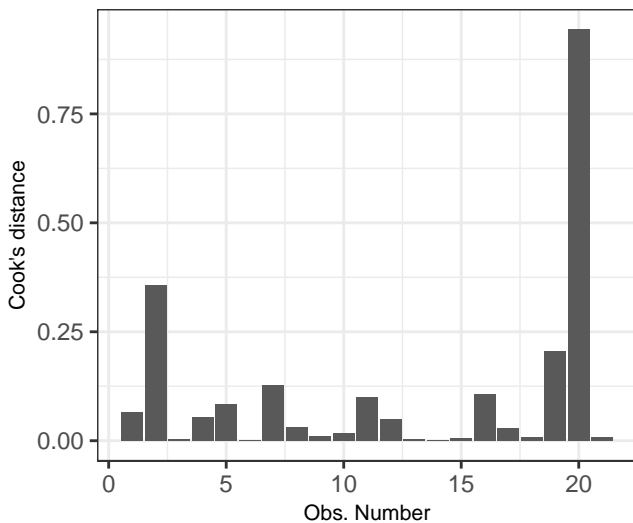
Residual vs Fitted Plot



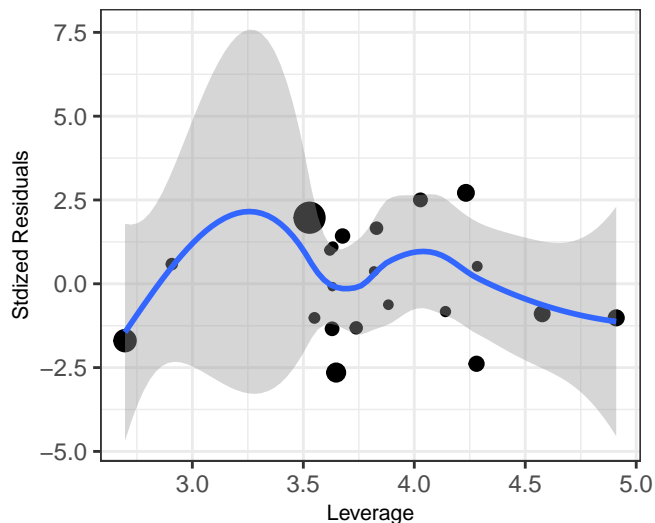
Normal Q-Q



Cook's distance



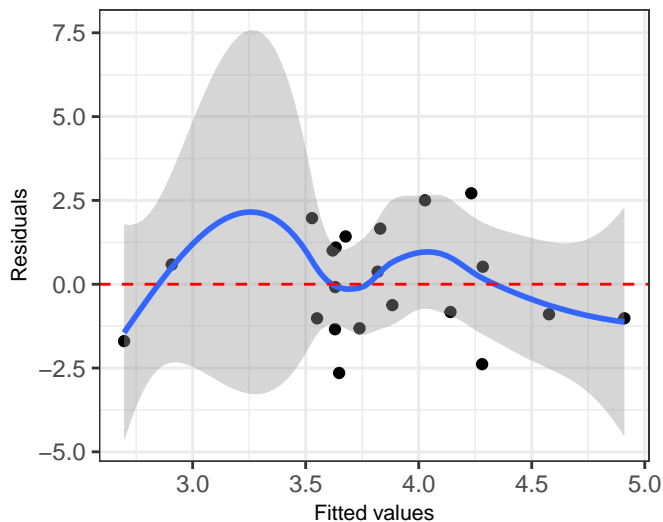
Residual vs Leverage Plot



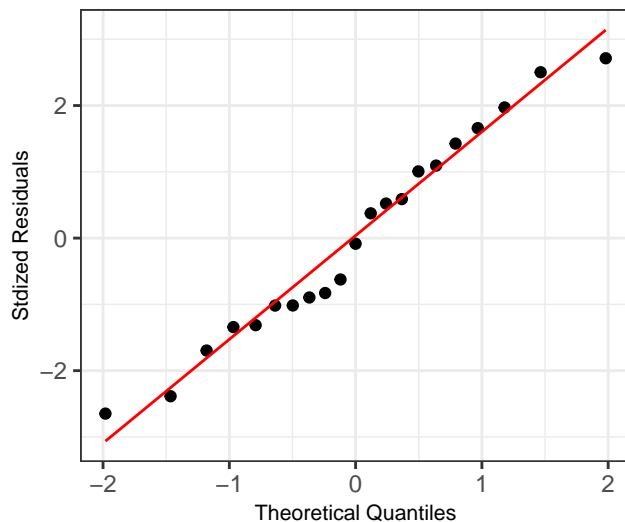
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat200

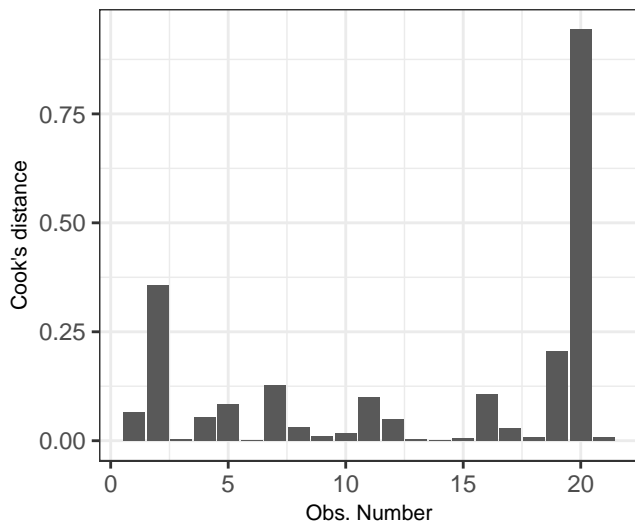
## Residual vs Fitted Plot



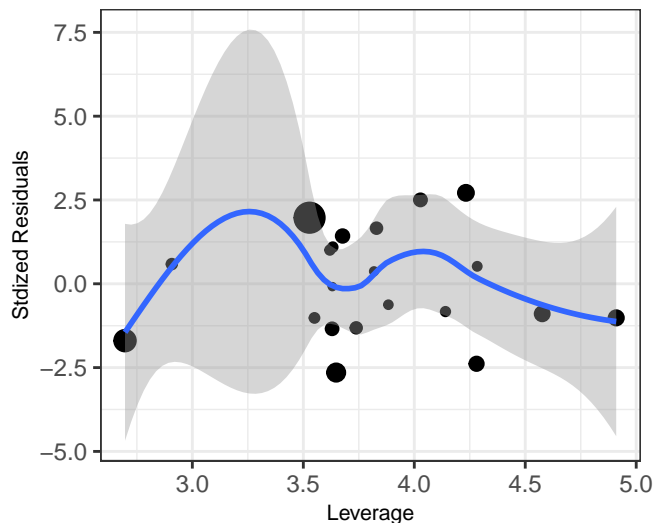
## Normal Q-Q



## Cook's distance



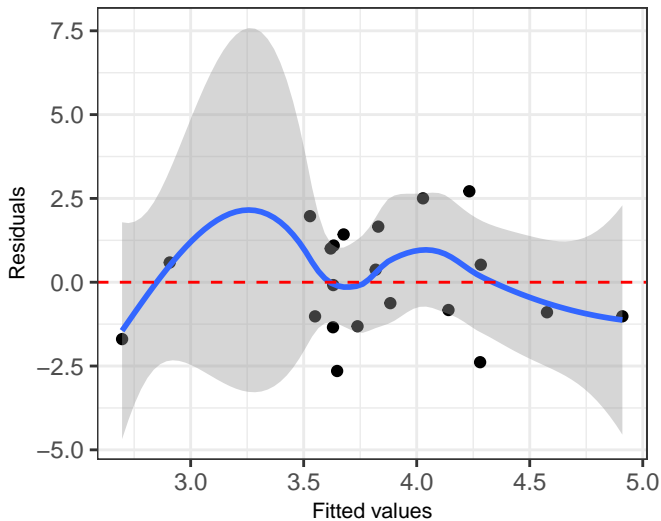
## Residual vs Leverage Plot



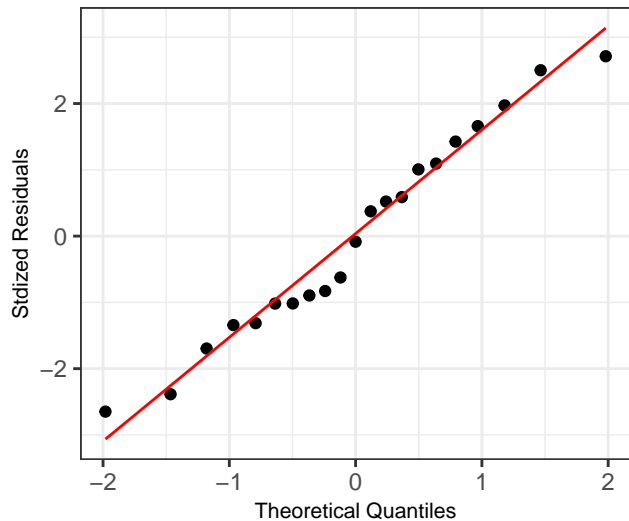
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat500

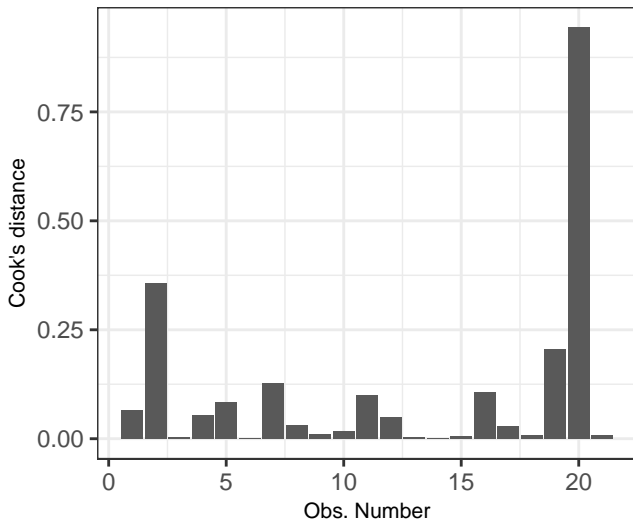
Residual vs Fitted Plot



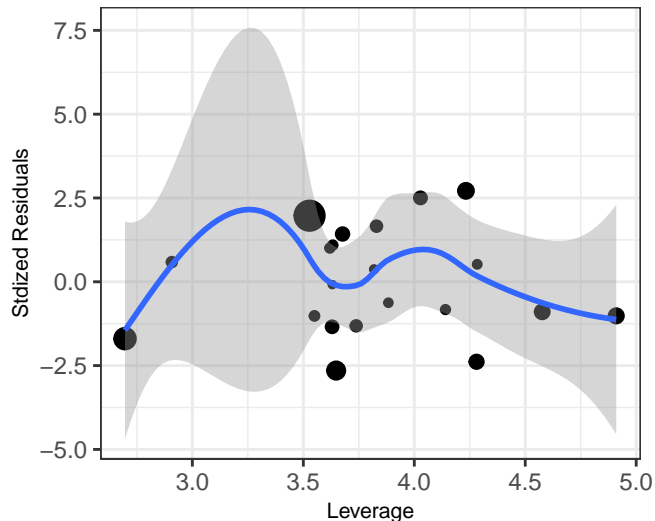
Normal Q-Q



Cook's distance



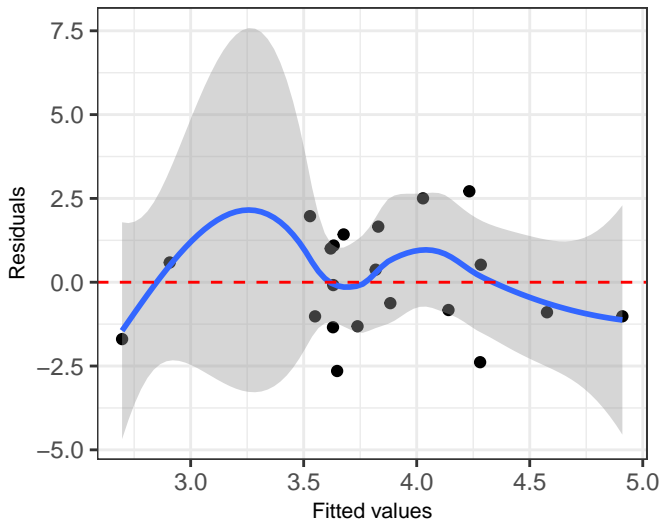
Residual vs Leverage Plot



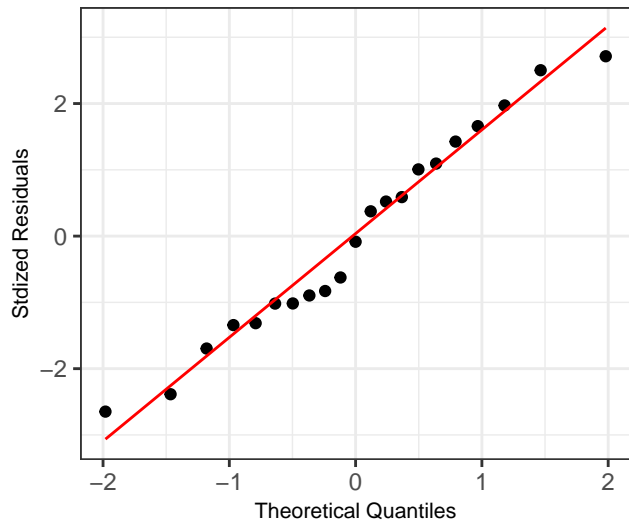
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat1000

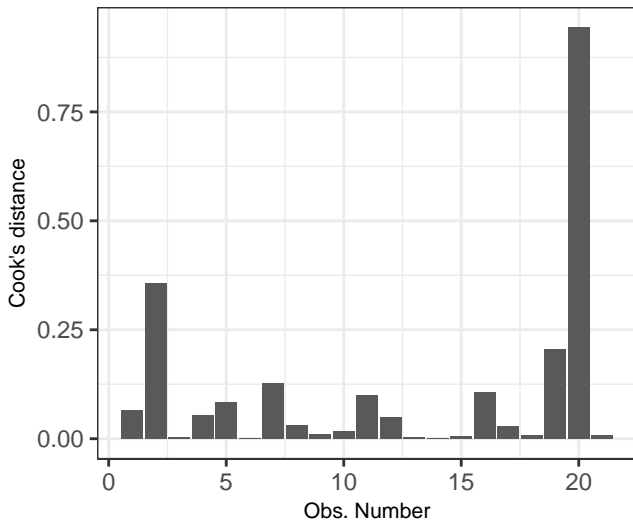
Residual vs Fitted Plot



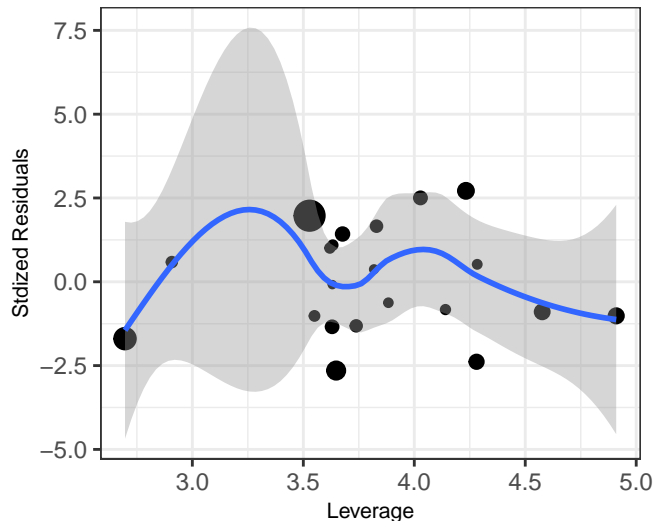
Normal Q-Q



Cook's distance



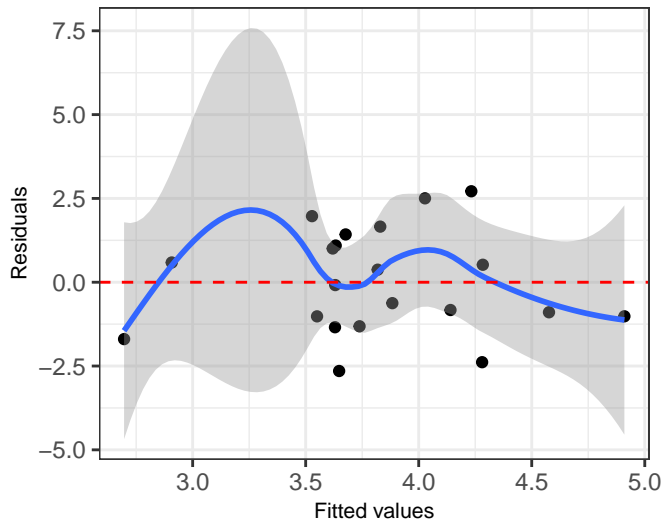
Residual vs Leverage Plot



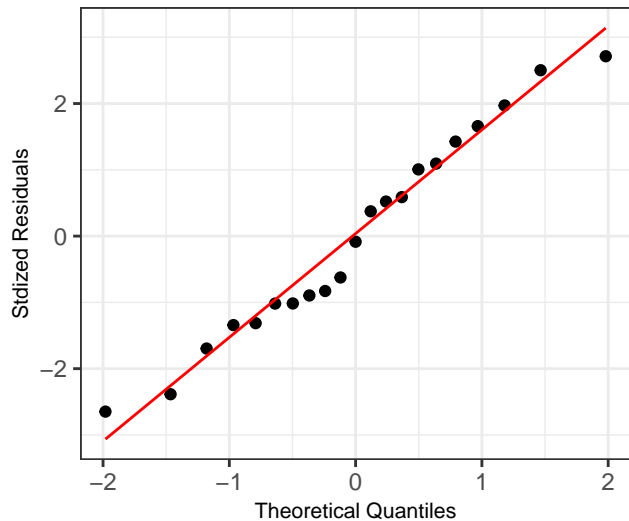
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat2000

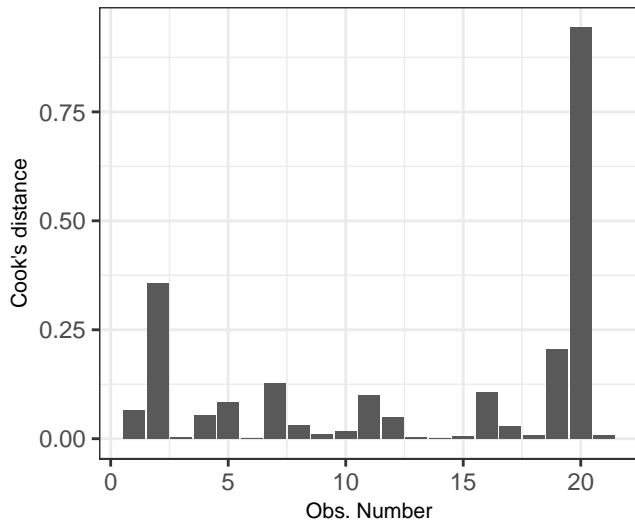
Residual vs Fitted Plot



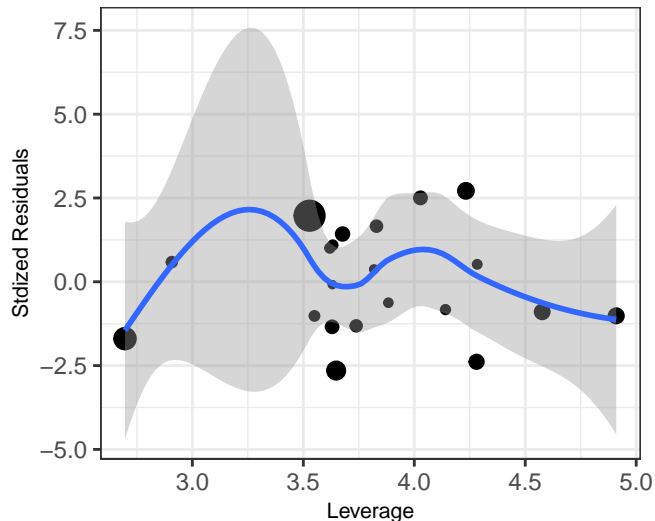
Normal Q-Q



Cook's distance



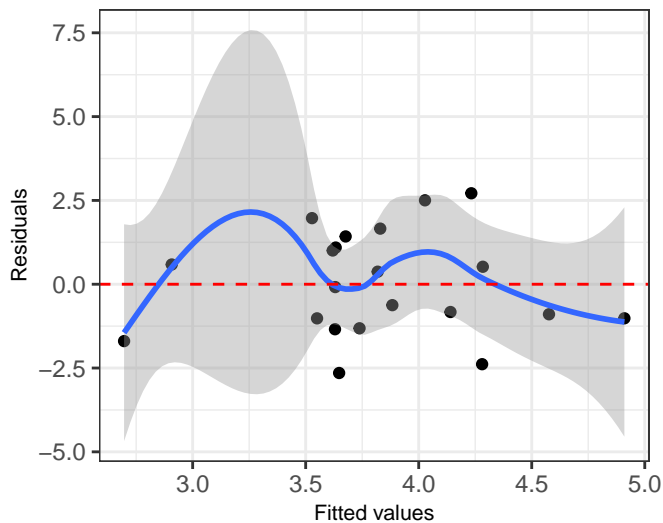
Residual vs Leverage Plot



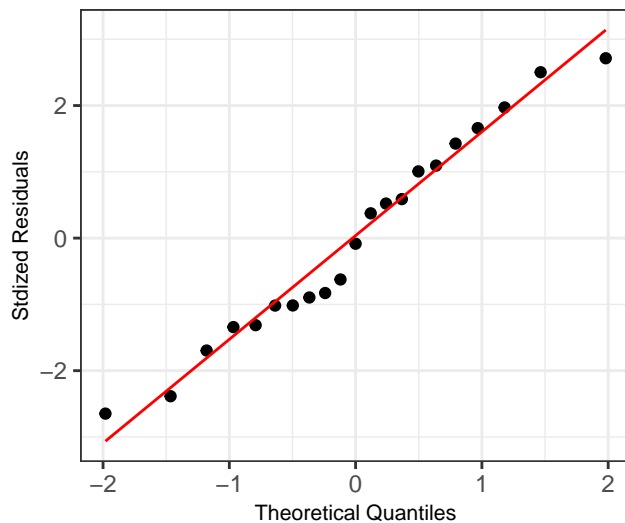
Cook's Distance    ● 0.25    ● 0.50    ● 0.75

# Diagnostic plots ShNat5000

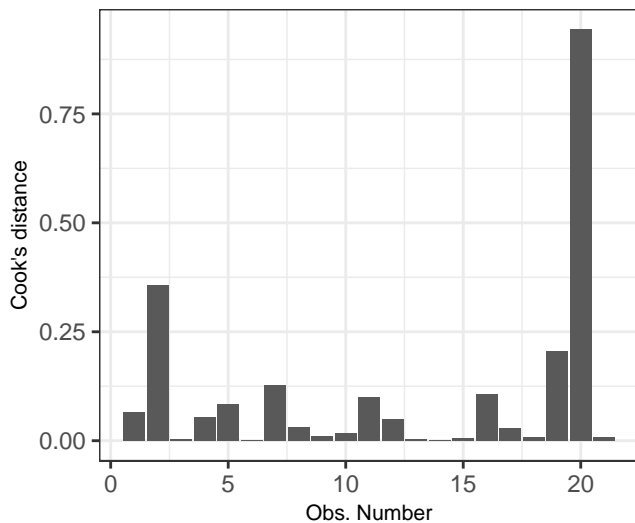
Residual vs Fitted Plot



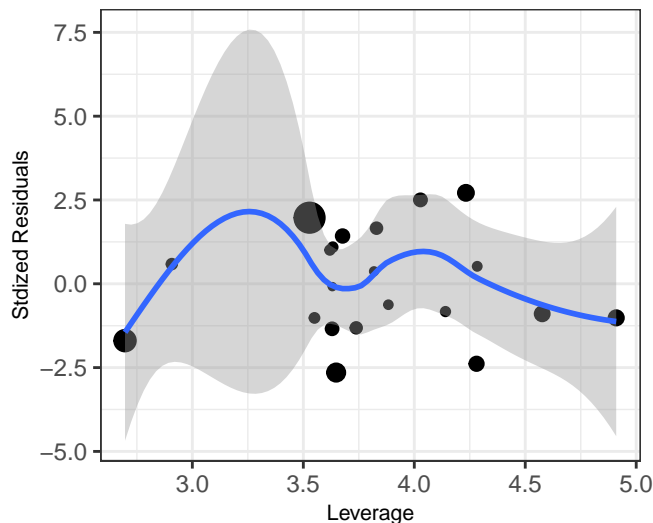
Normal Q-Q



Cook's distance



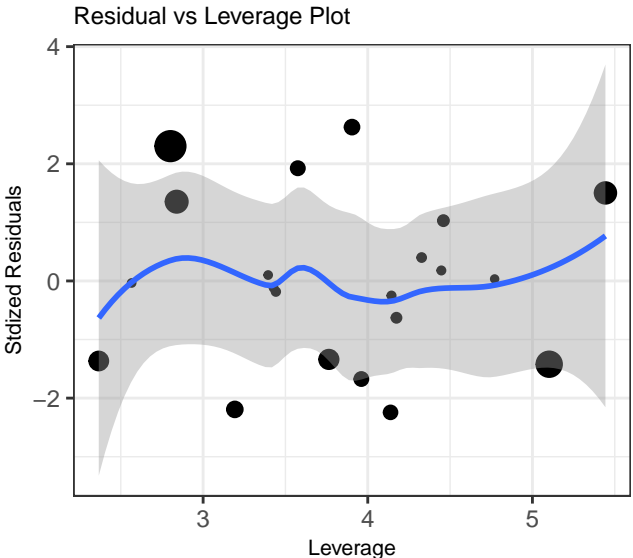
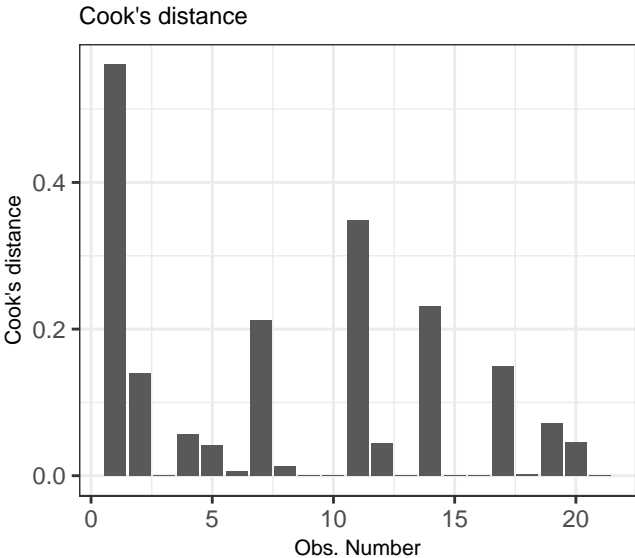
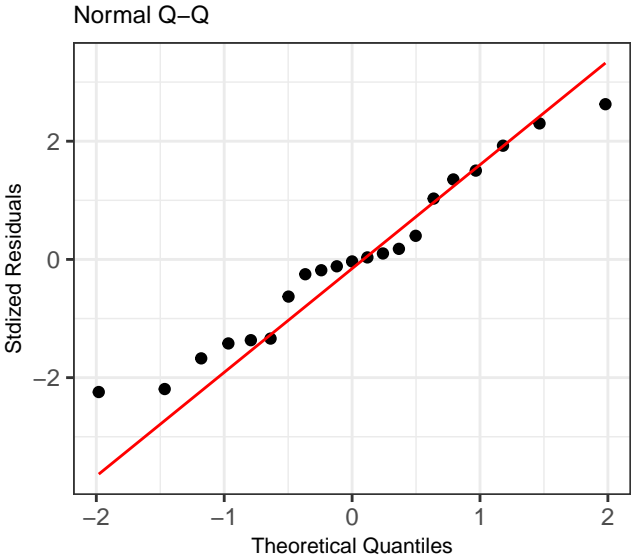
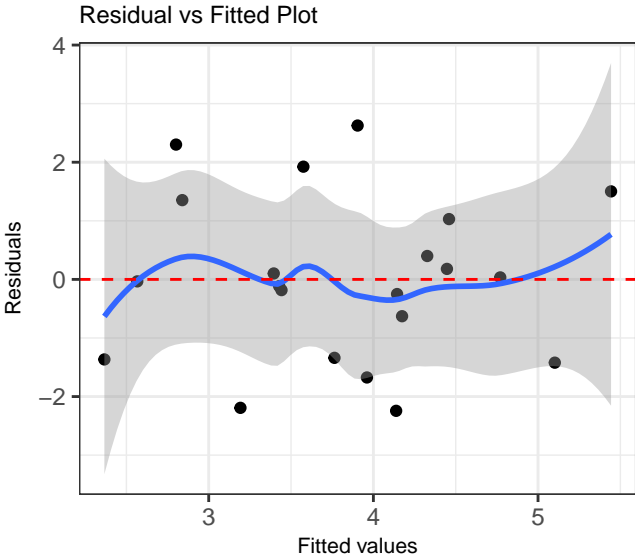
Residual vs Leverage Plot



Cook's Distance    ● 0.25    ● 0.50    ● 0.75

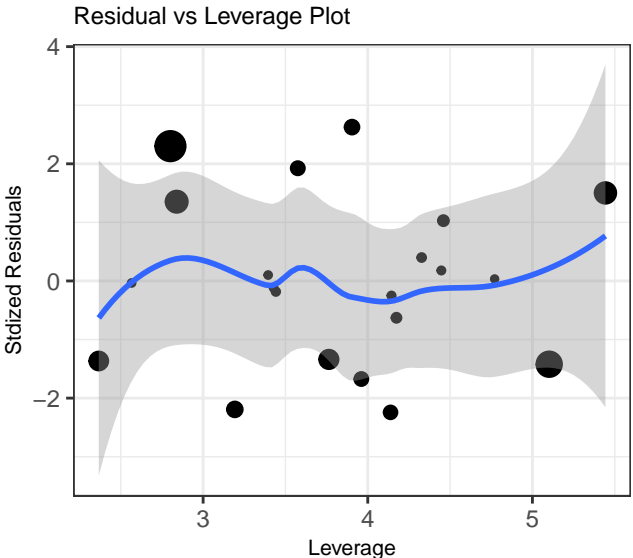
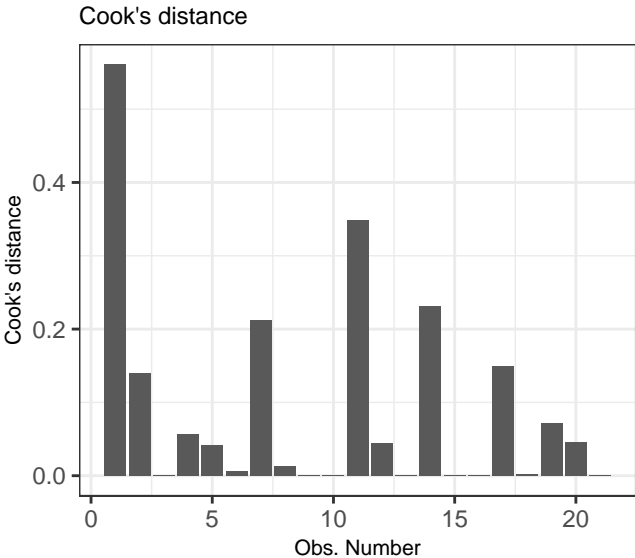
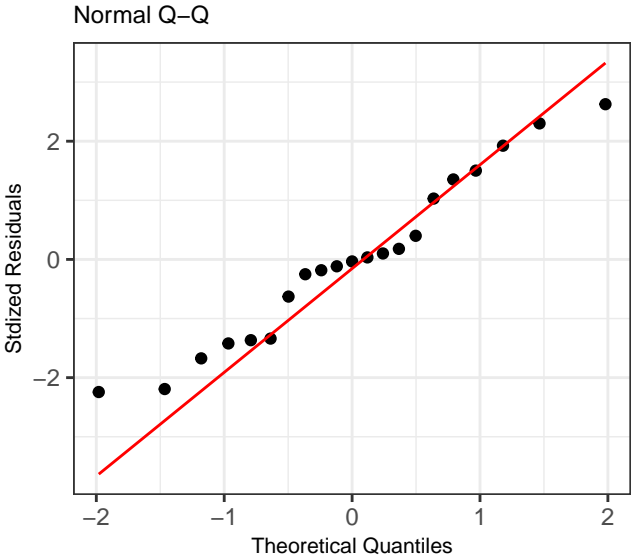
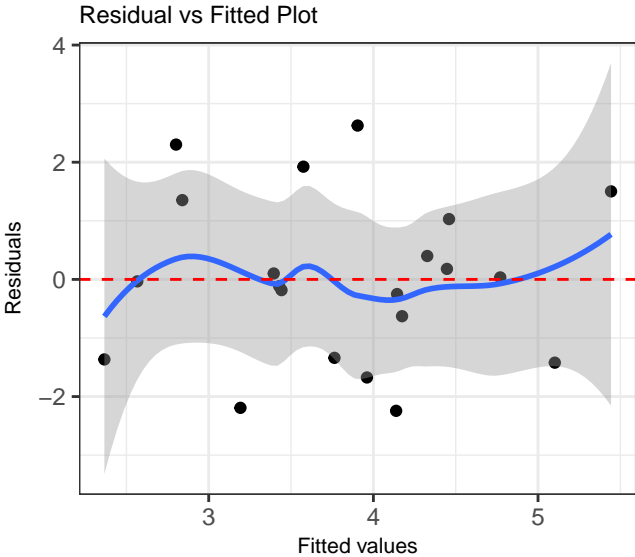


# Diagnostic plots ShSp20



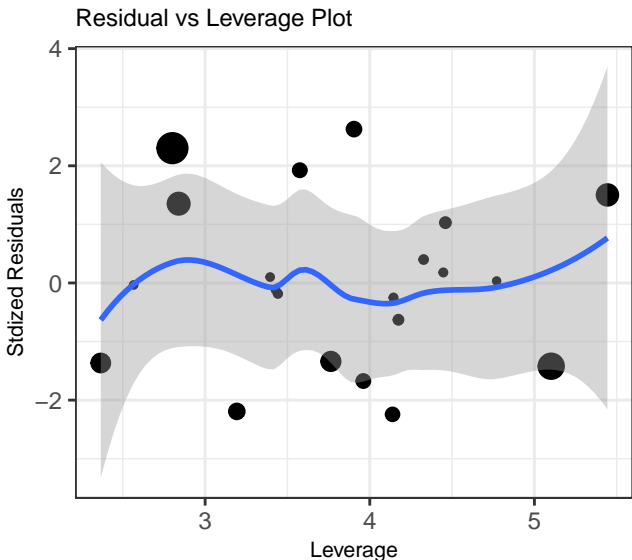
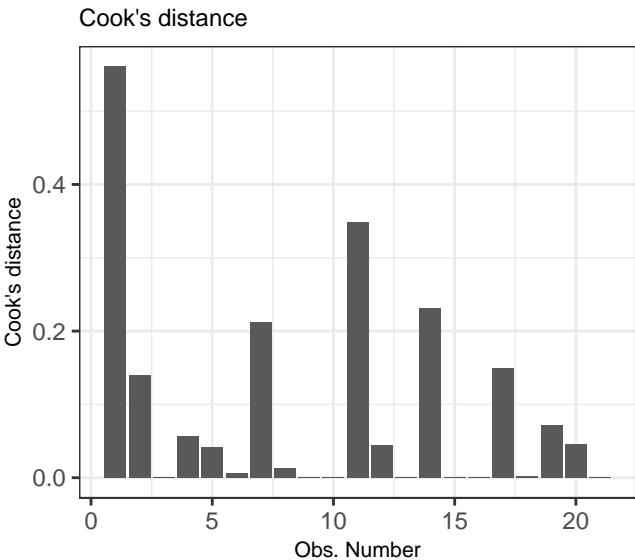
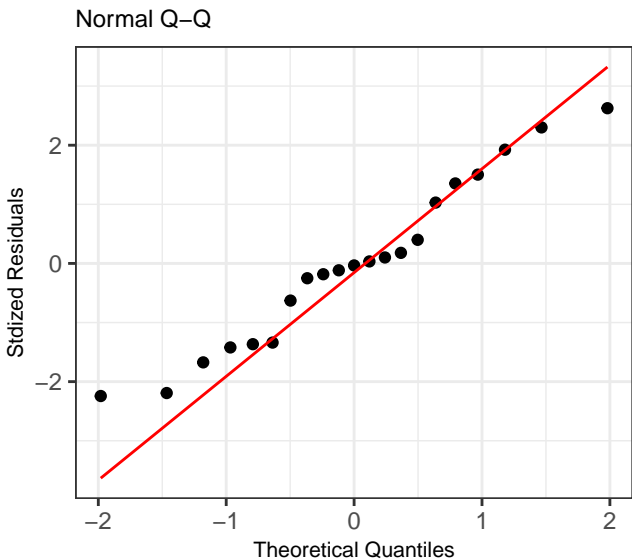
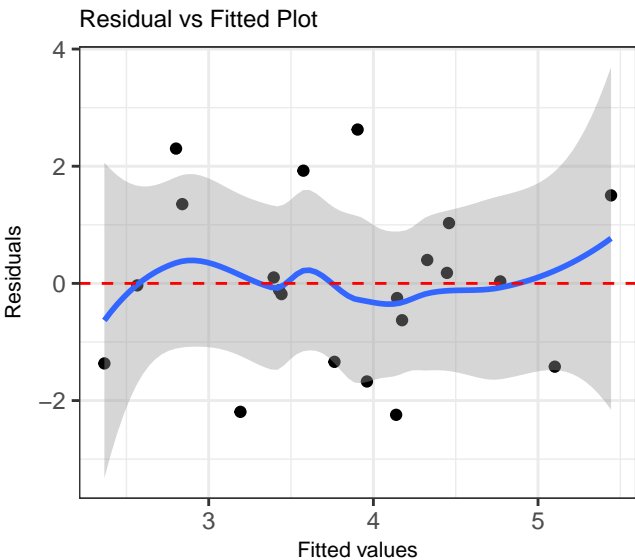
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots ShSp50



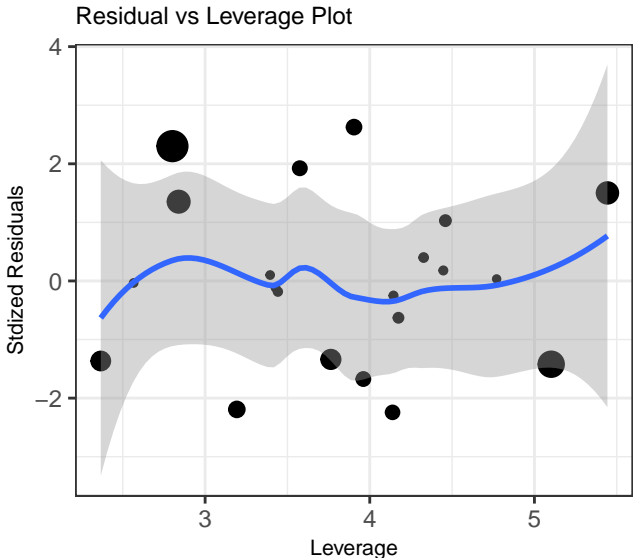
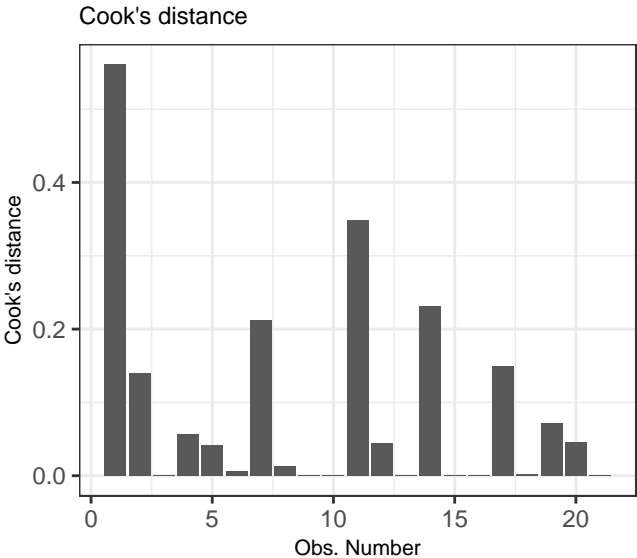
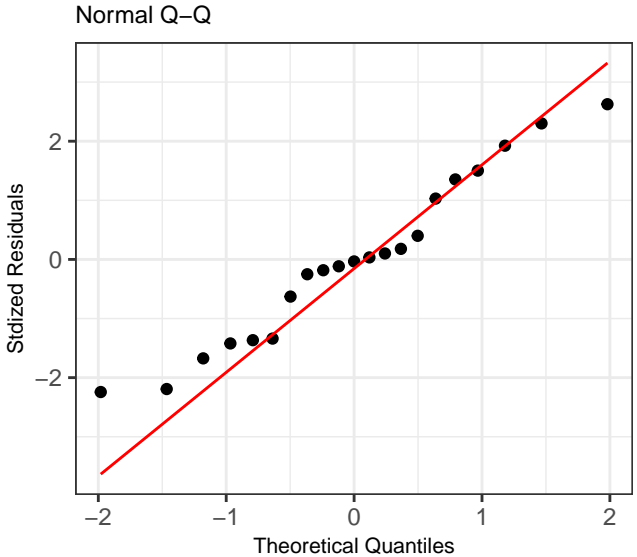
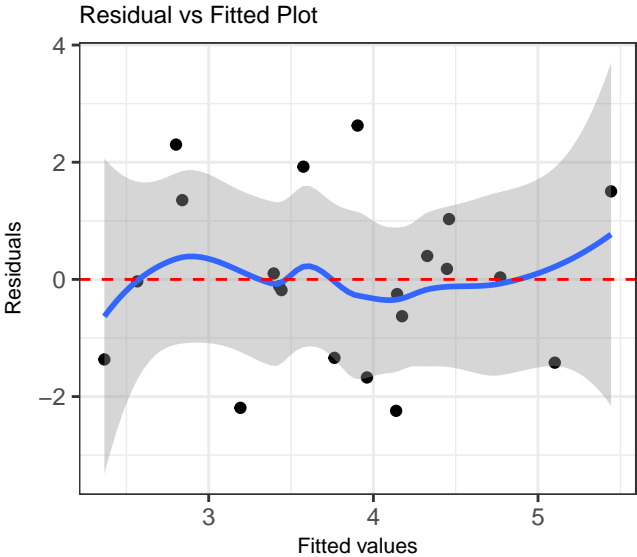
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots ShSp100



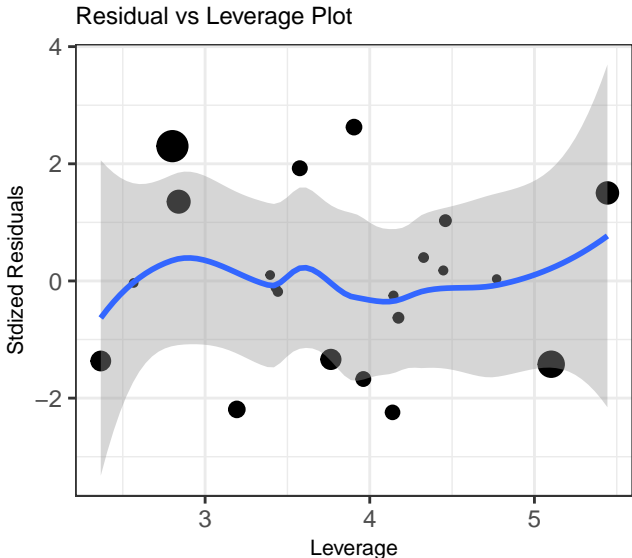
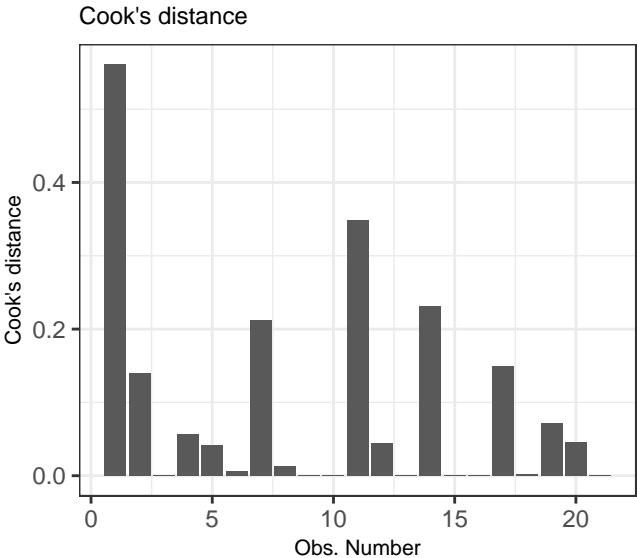
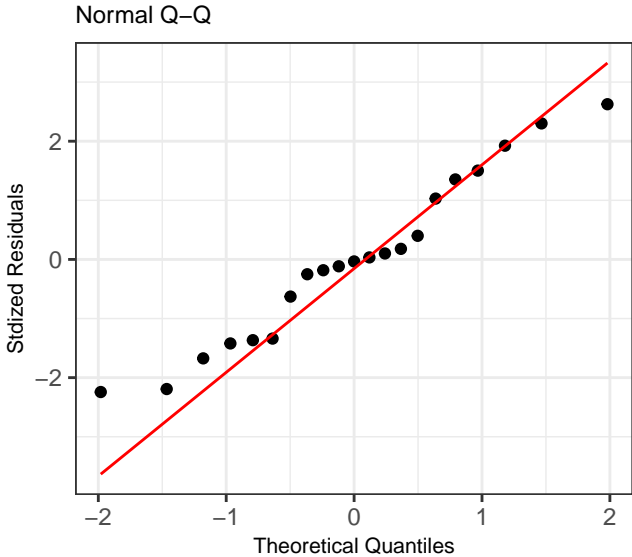
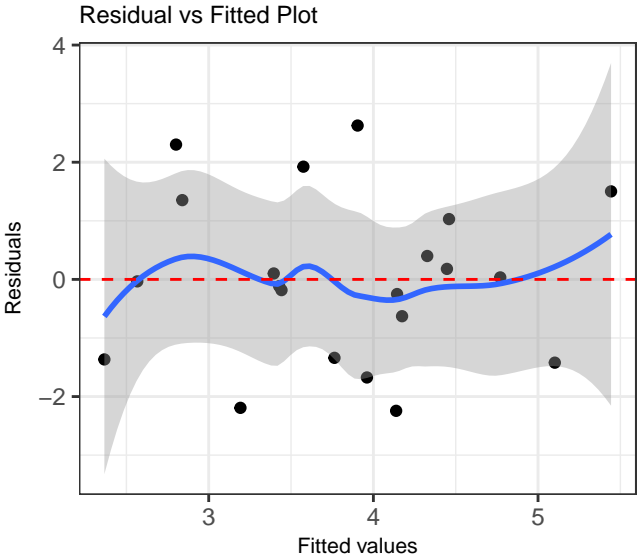
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots ShSp200



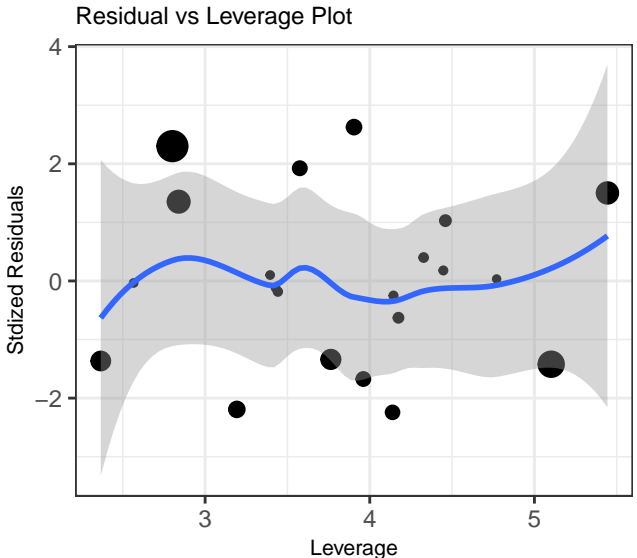
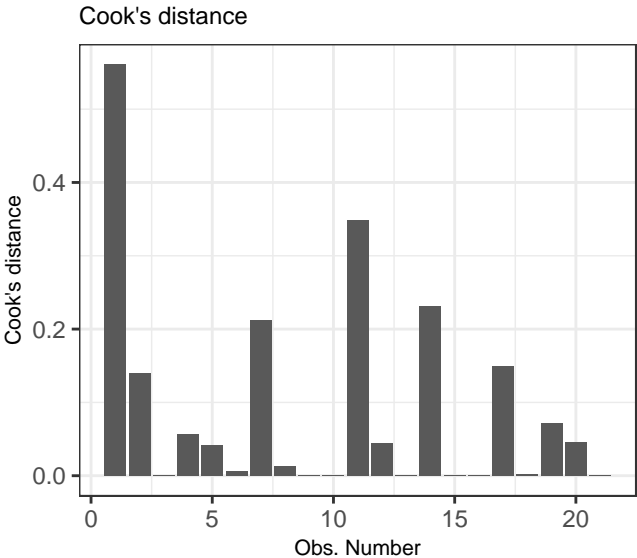
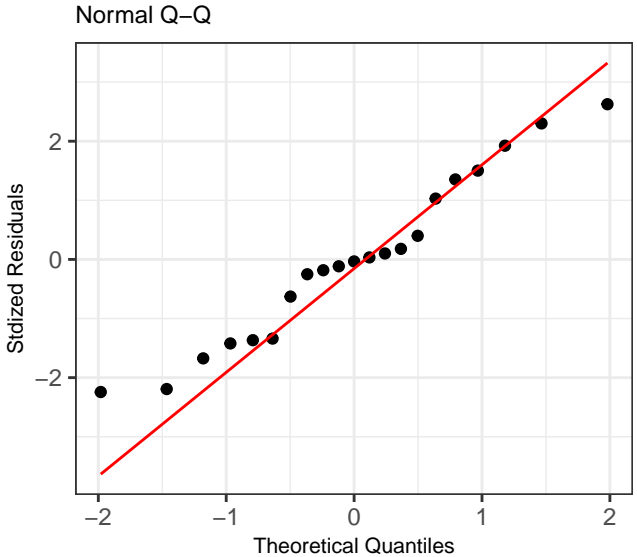
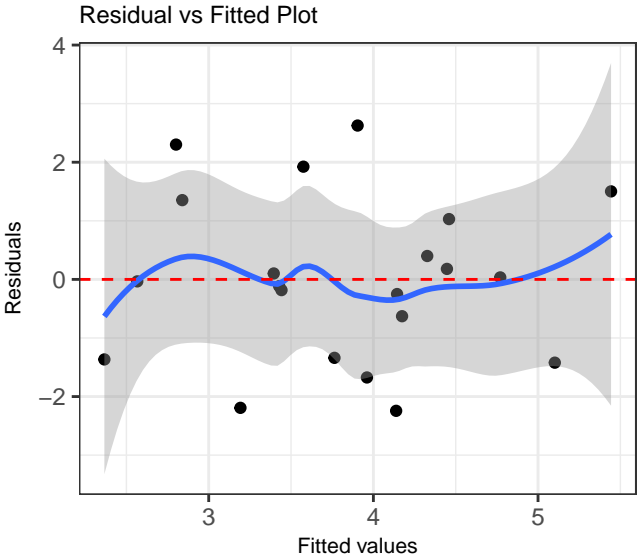
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots ShSp500



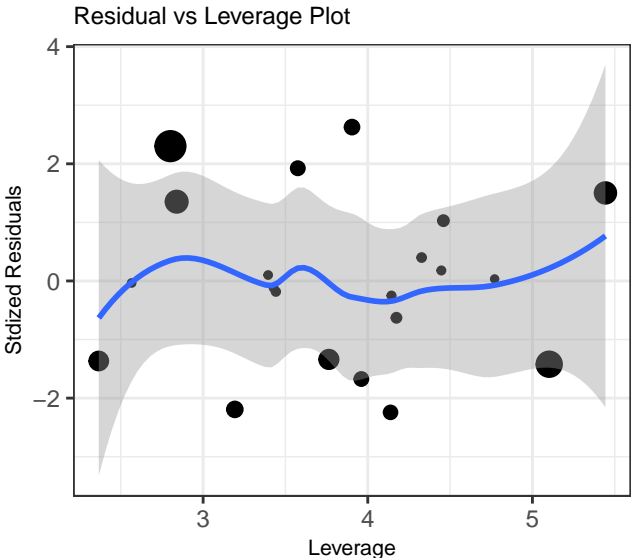
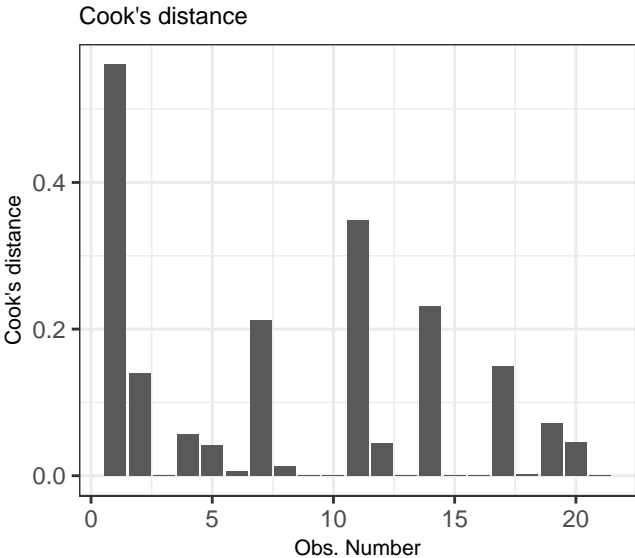
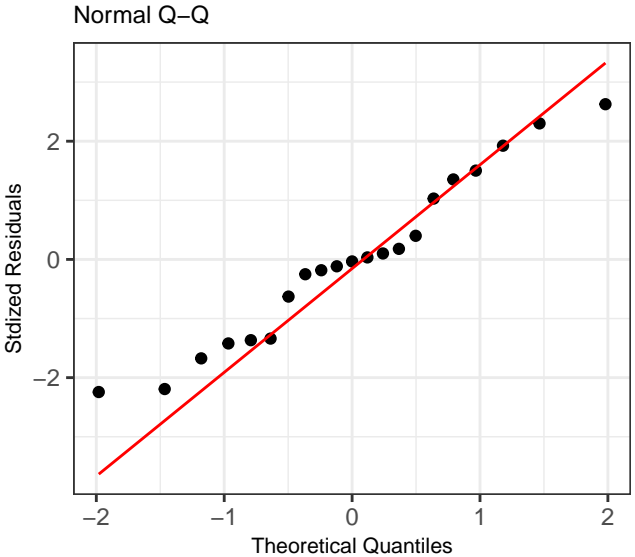
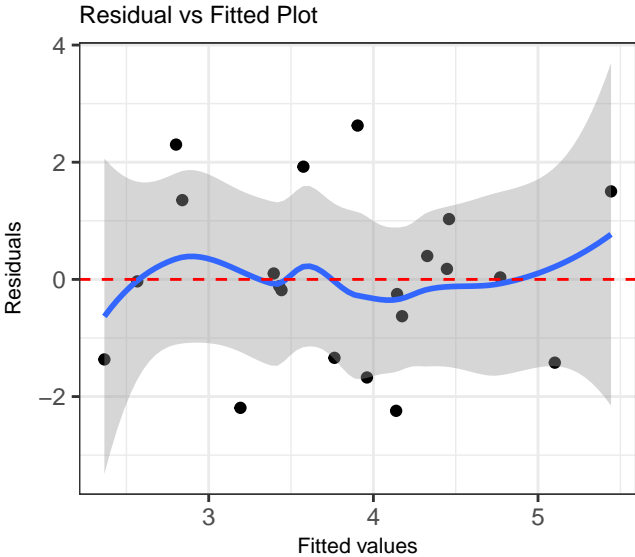
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots ShSp1000



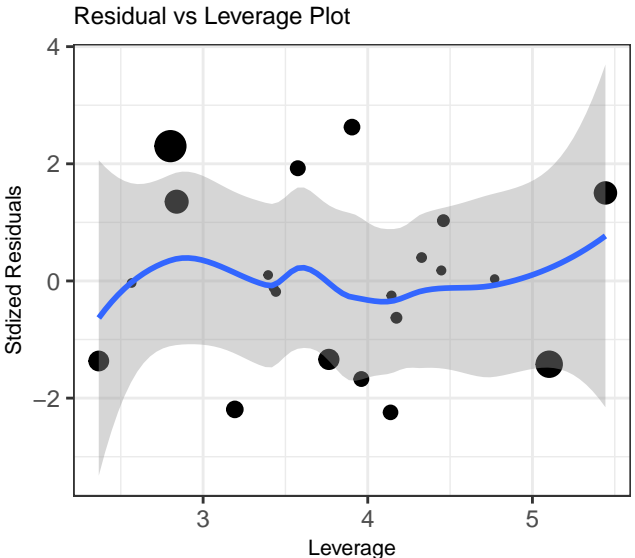
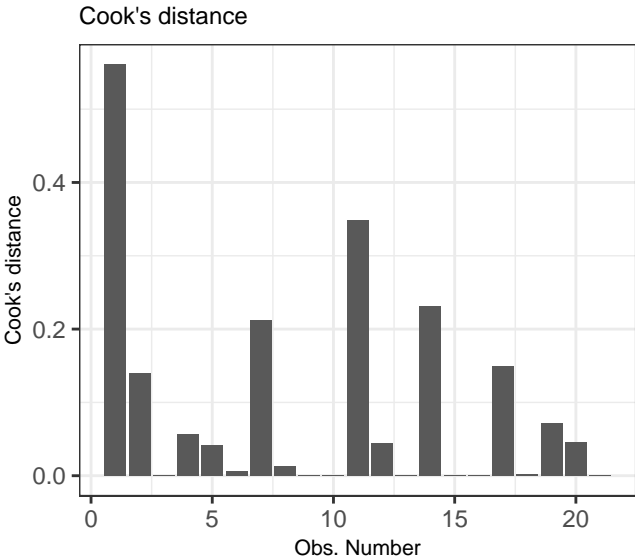
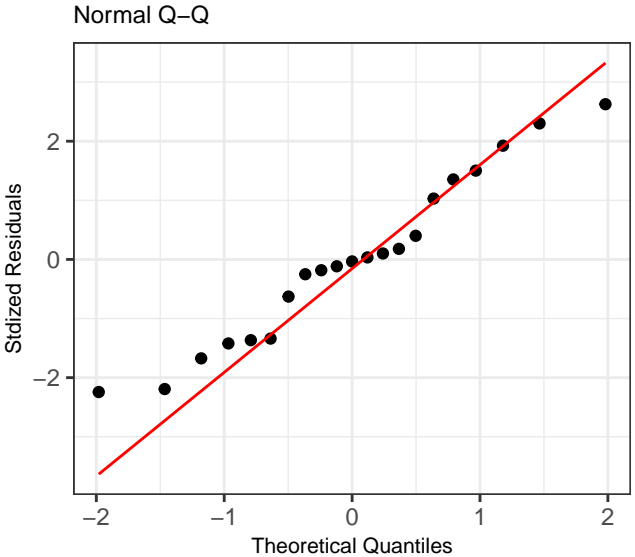
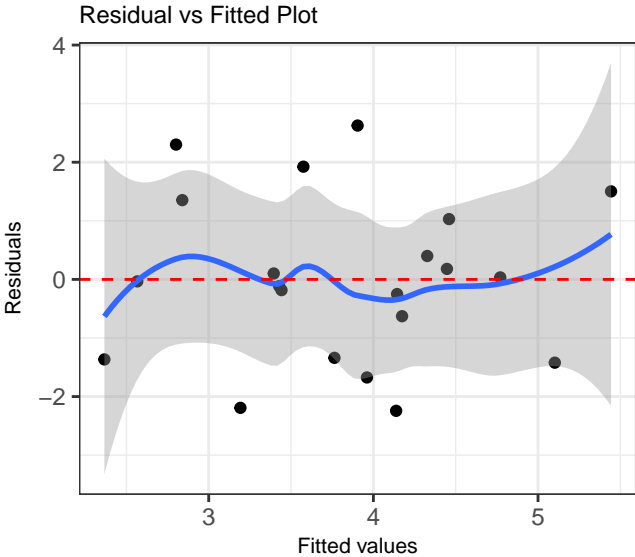
Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

# Diagnostic plots ShSp2000



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

# Diagnostic plots ShSp5000

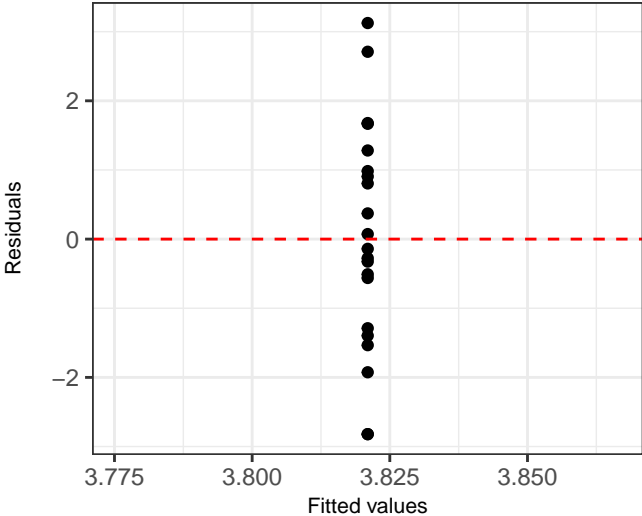


Cook's Distance    ● 0.1    ● 0.2    ● 0.3    ● 0.4    ●

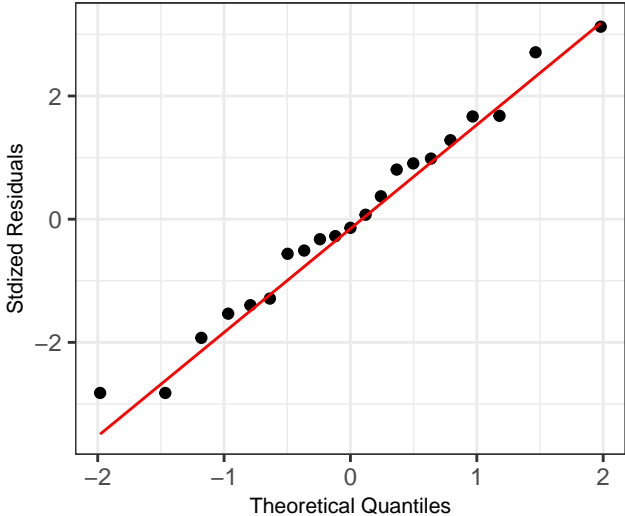


# Diagnostic plots ShNull20

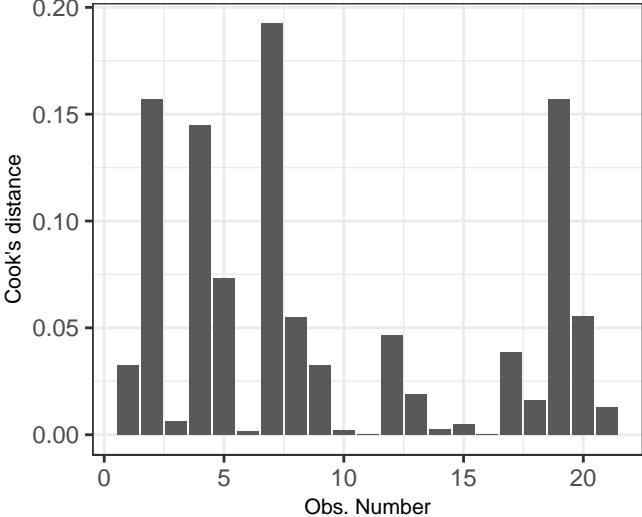
Residual vs Fitted Plot



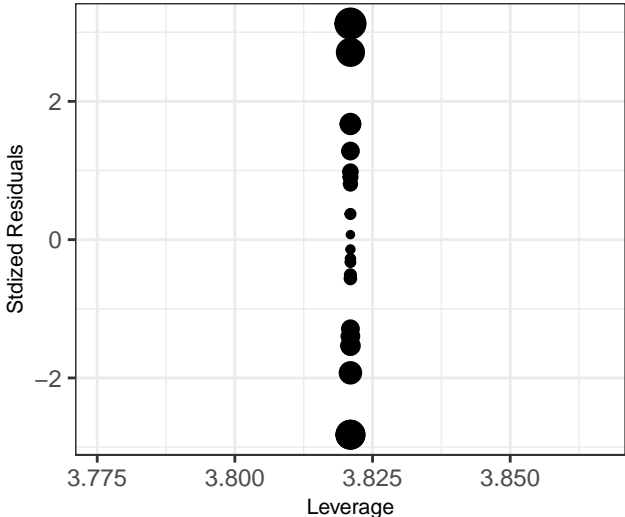
Normal Q-Q



Cook's distance



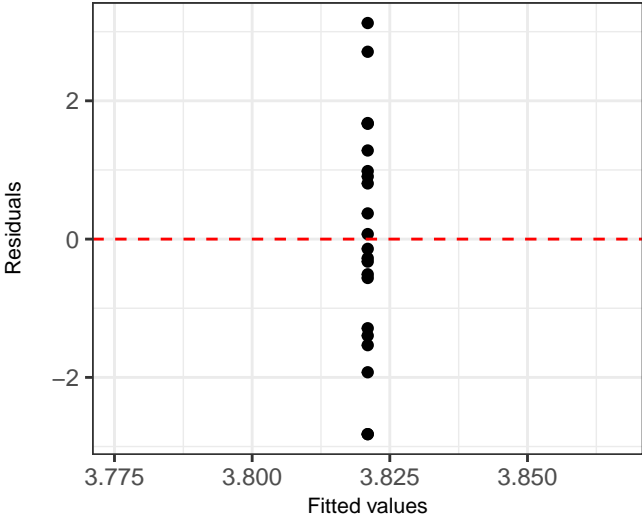
Residual vs Leverage Plot



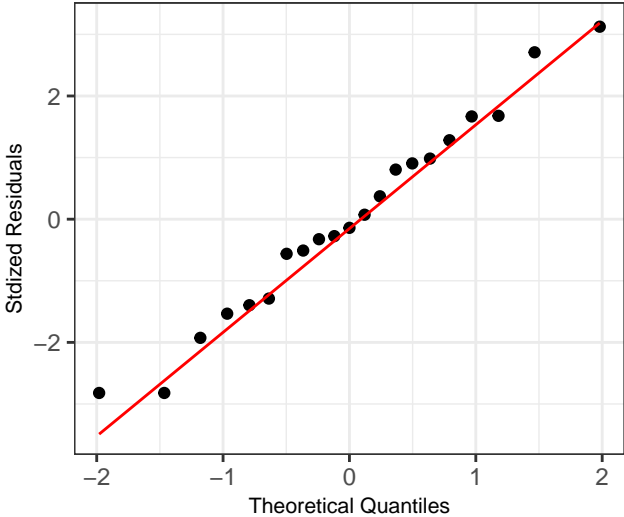
Cook's Distance ● 0.05 ● 0.10 ● 0.15

# Diagnostic plots ShNull50

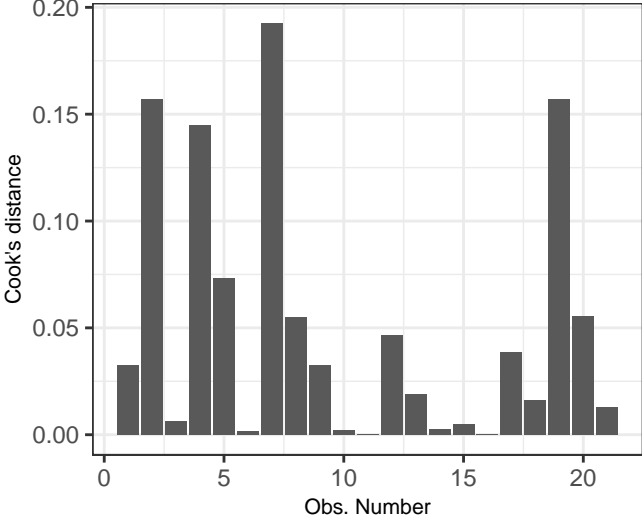
Residual vs Fitted Plot



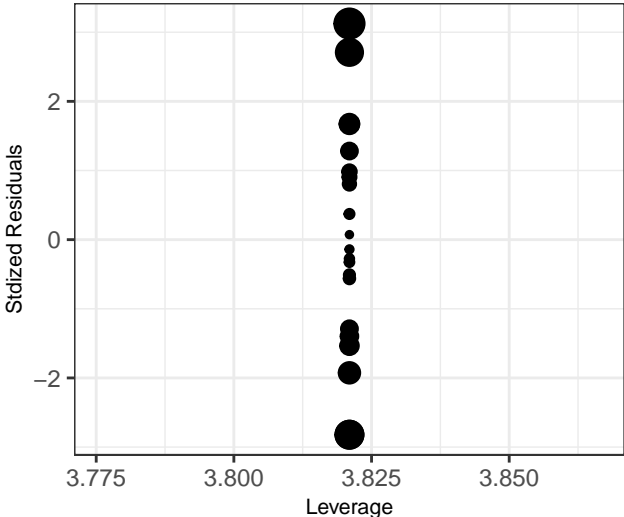
Normal Q-Q



Cook's distance



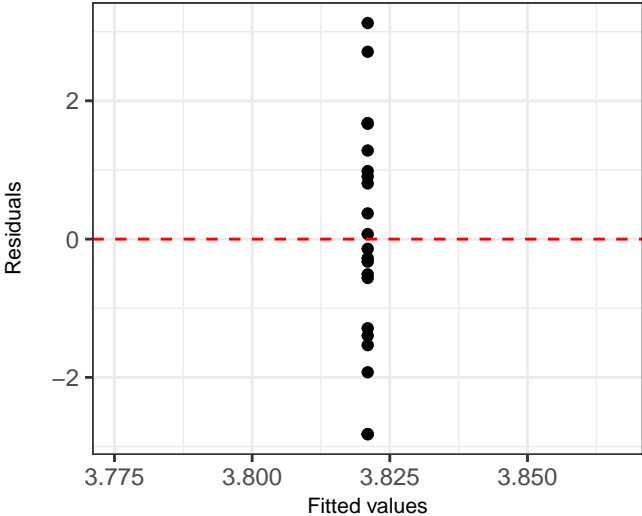
Residual vs Leverage Plot



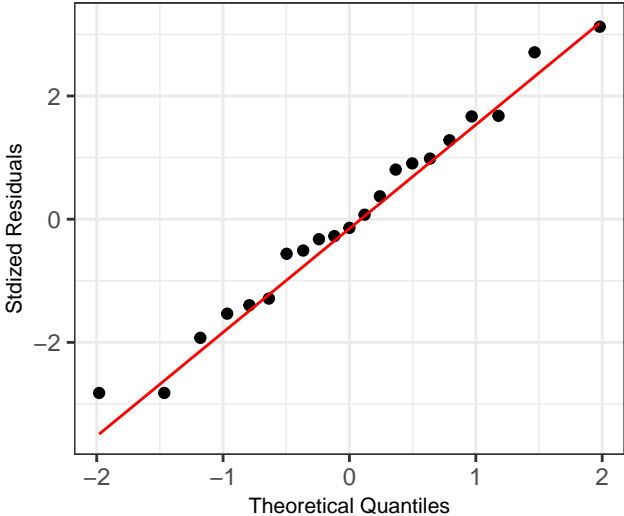
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots ShNull100

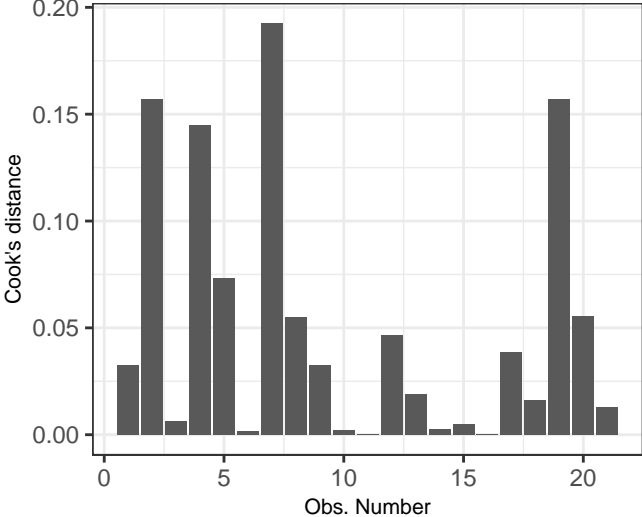
Residual vs Fitted Plot



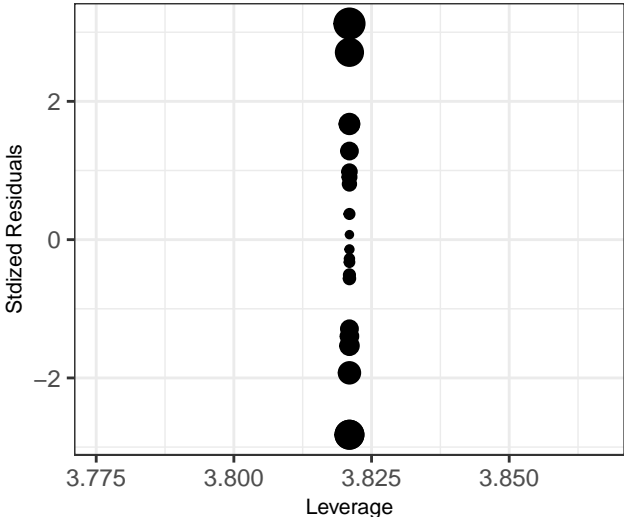
Normal Q-Q



Cook's distance



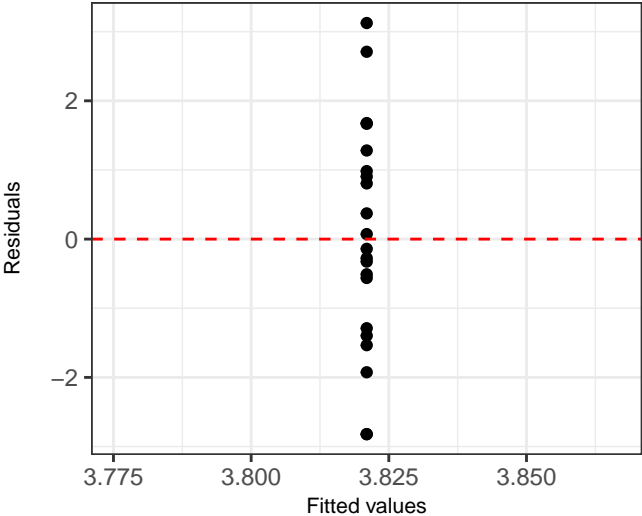
Residual vs Leverage Plot



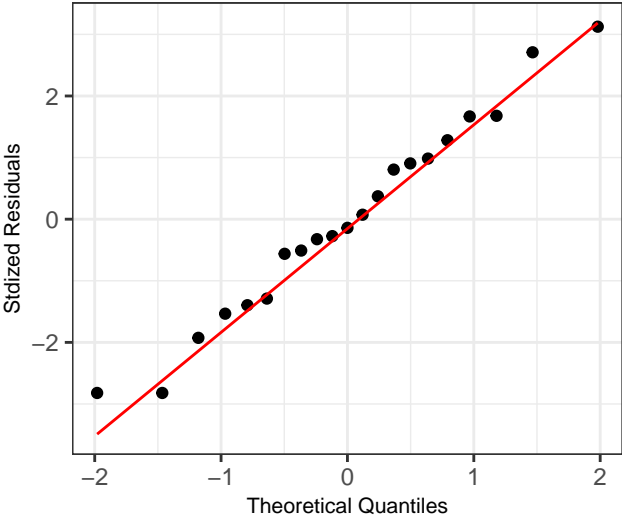
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots ShNull200

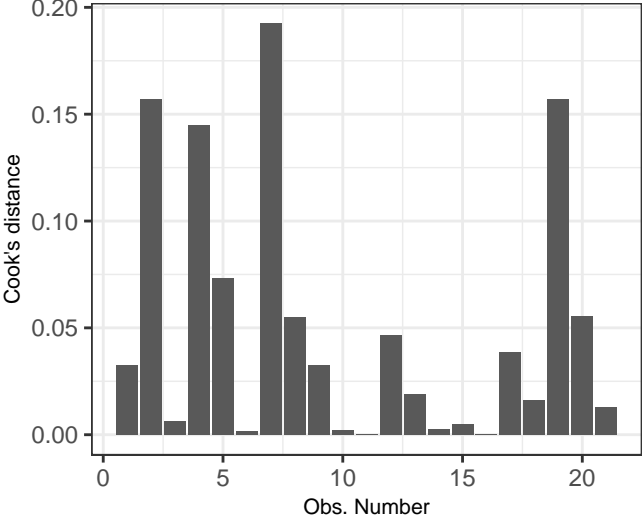
Residual vs Fitted Plot



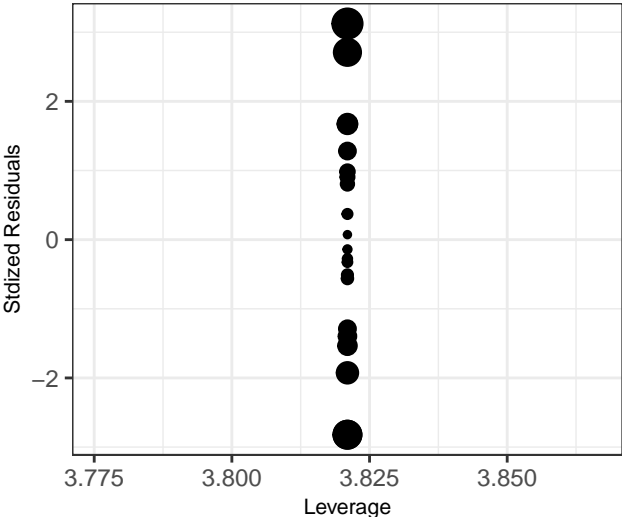
Normal Q-Q



Cook's distance



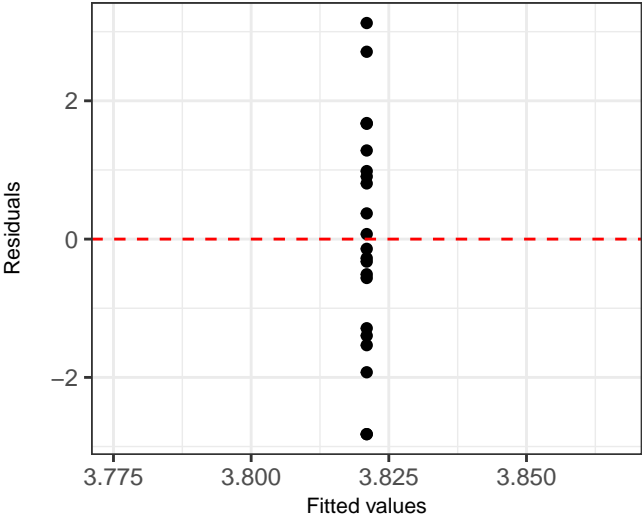
Residual vs Leverage Plot



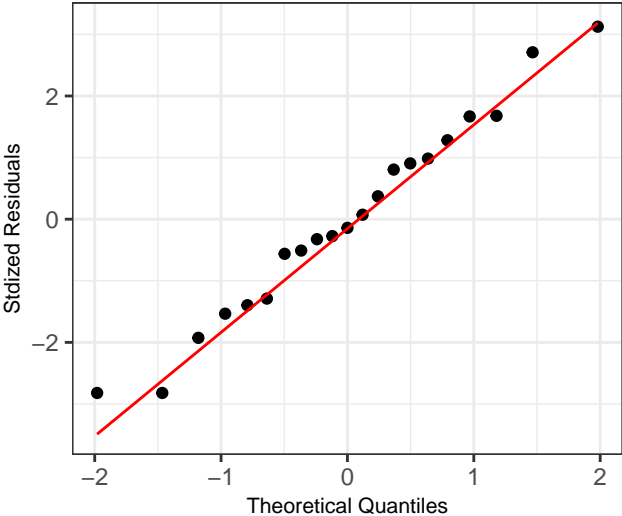
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots ShNull500

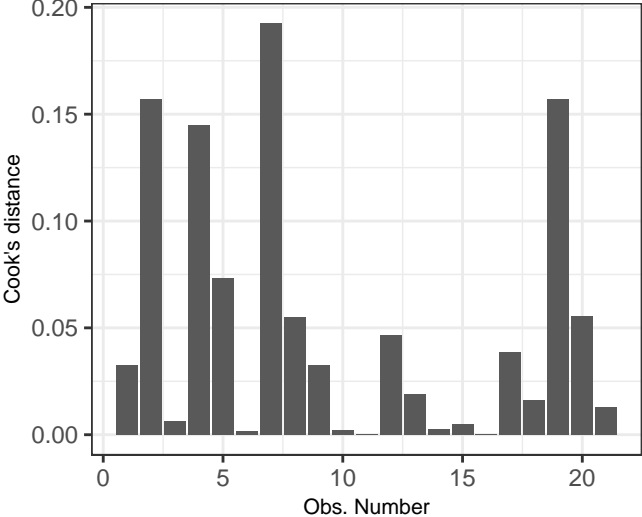
Residual vs Fitted Plot



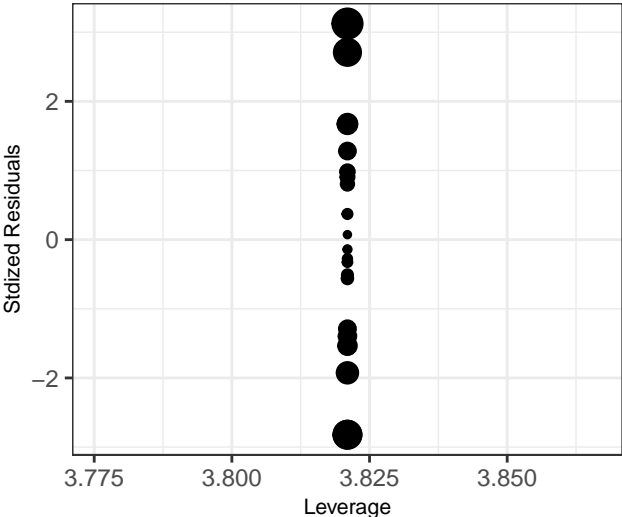
Normal Q-Q



Cook's distance



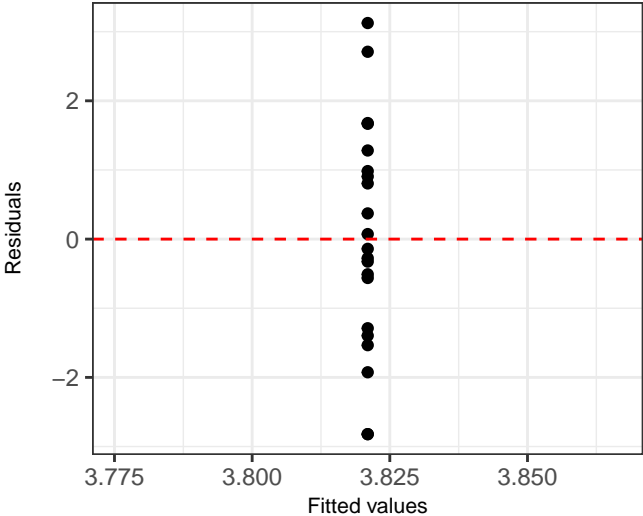
Residual vs Leverage Plot



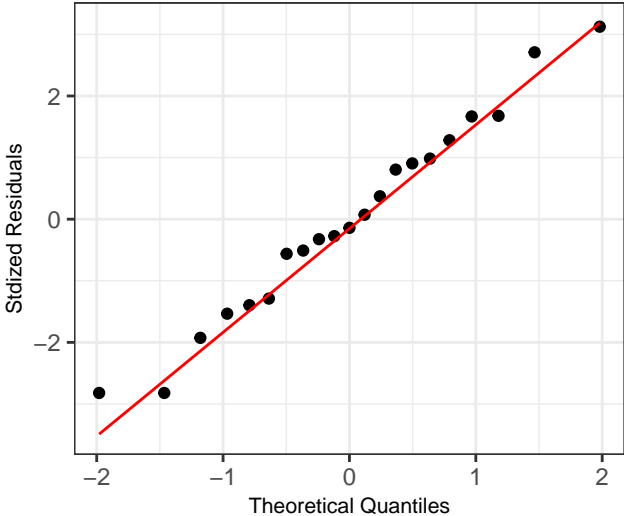
Cook's Distance ● 0.05 ● 0.10 ● 0.15

# Diagnostic plots ShNull1000

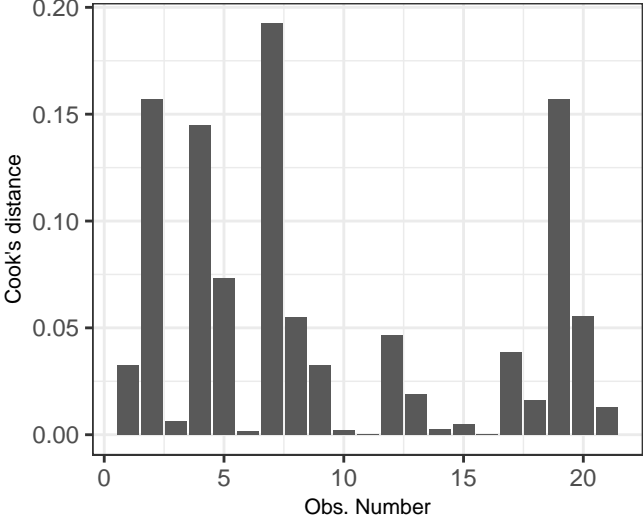
Residual vs Fitted Plot



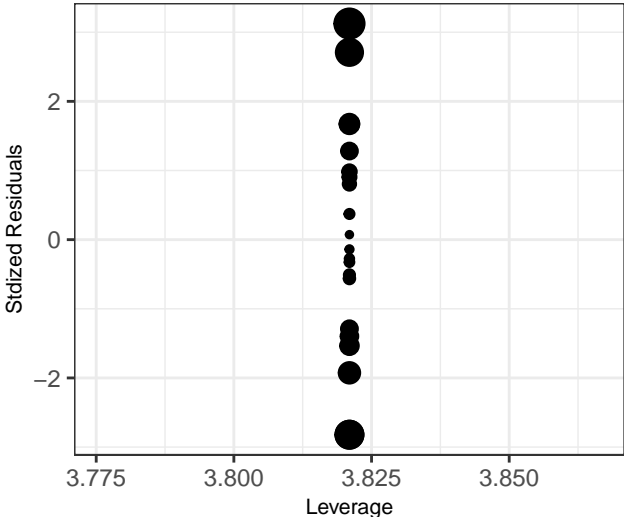
Normal Q-Q



Cook's distance



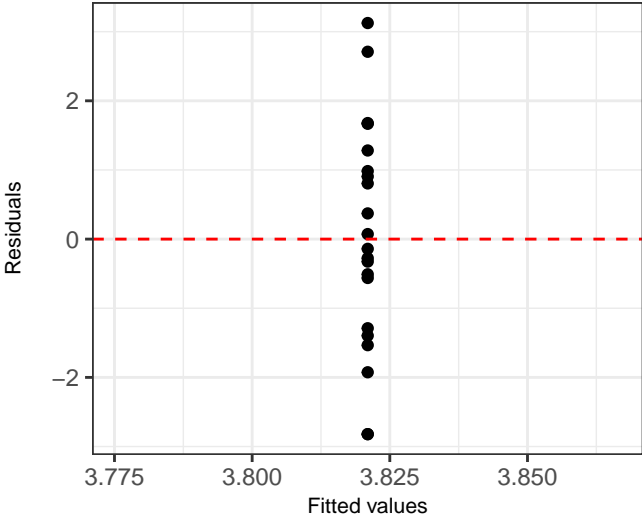
Residual vs Leverage Plot



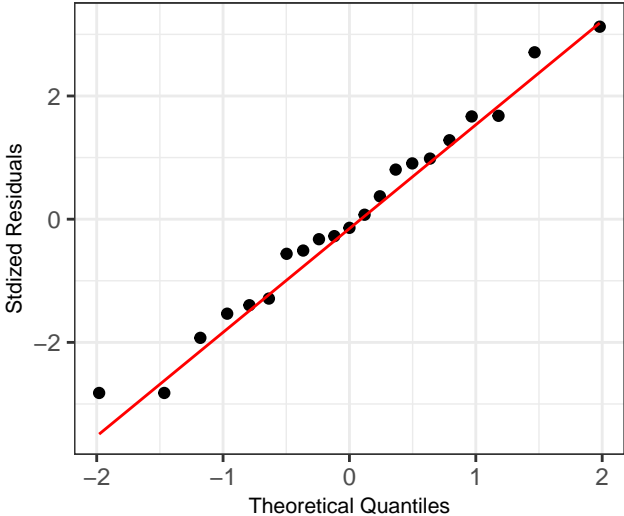
Cook's Distance ● 0.05 ● 0.10 ● 0.15

# Diagnostic plots ShNull2000

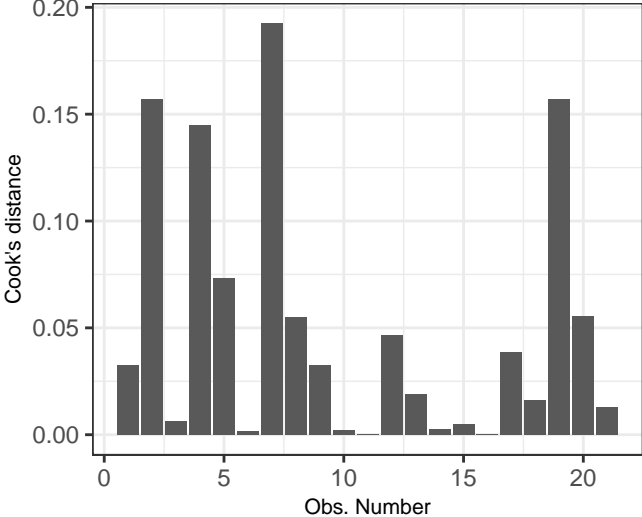
Residual vs Fitted Plot



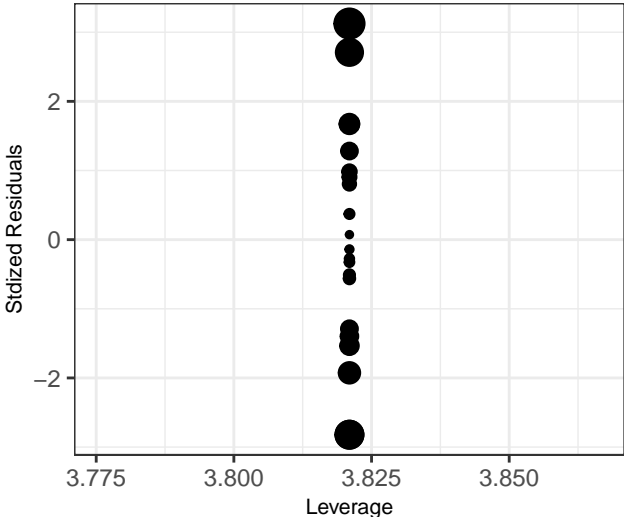
Normal Q-Q



Cook's distance



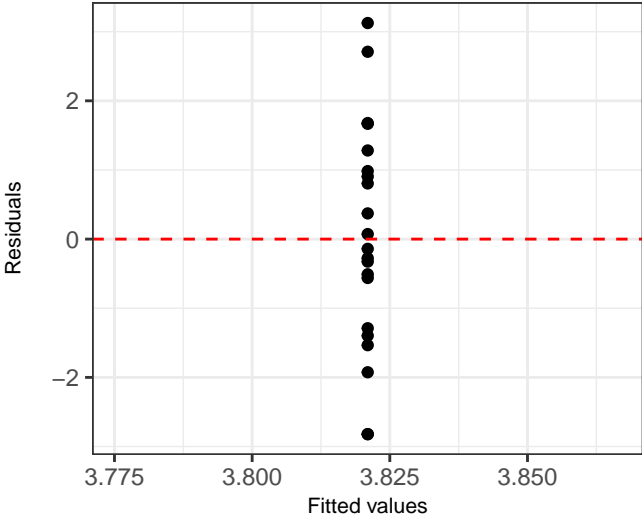
Residual vs Leverage Plot



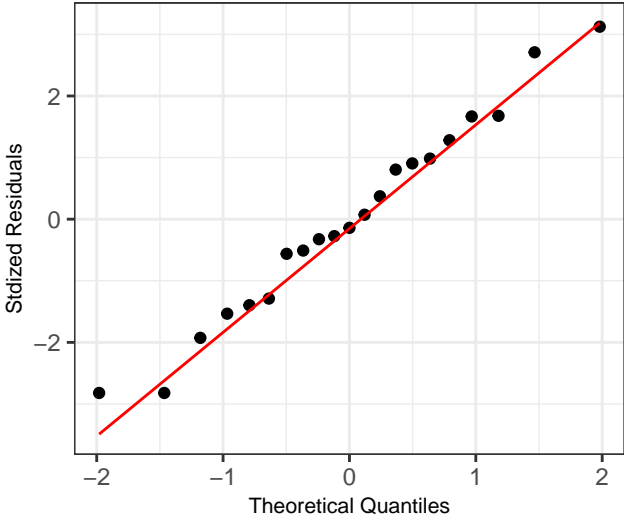
Cook's Distance    ● 0.05    ● 0.10    ● 0.15

# Diagnostic plots ShNull5000

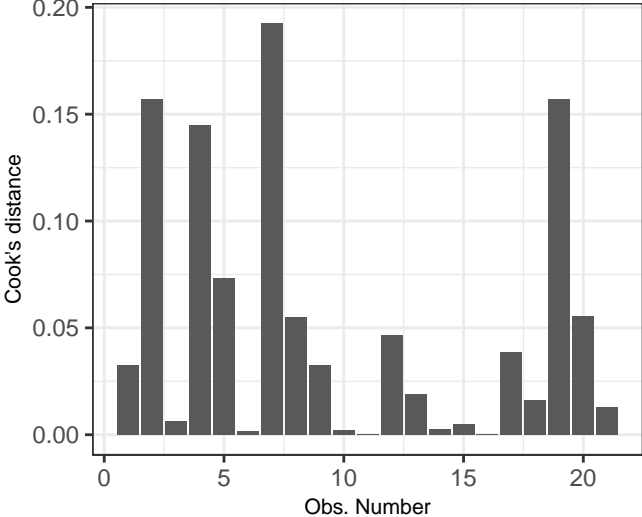
Residual vs Fitted Plot



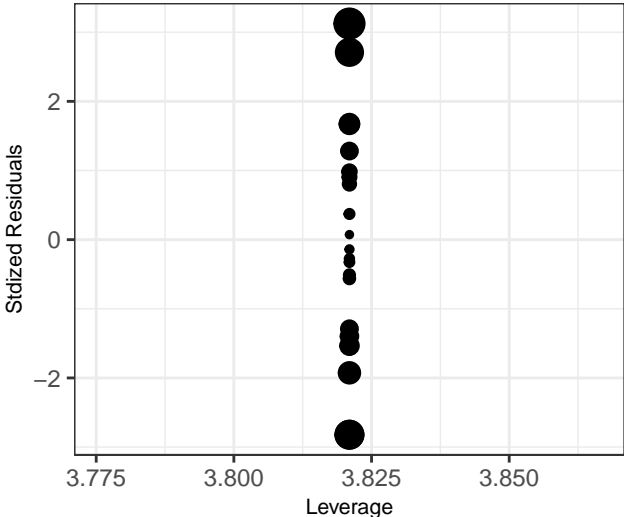
Normal Q-Q



Cook's distance



Residual vs Leverage Plot



Cook's Distance    ● 0.05    ● 0.10    ● 0.15