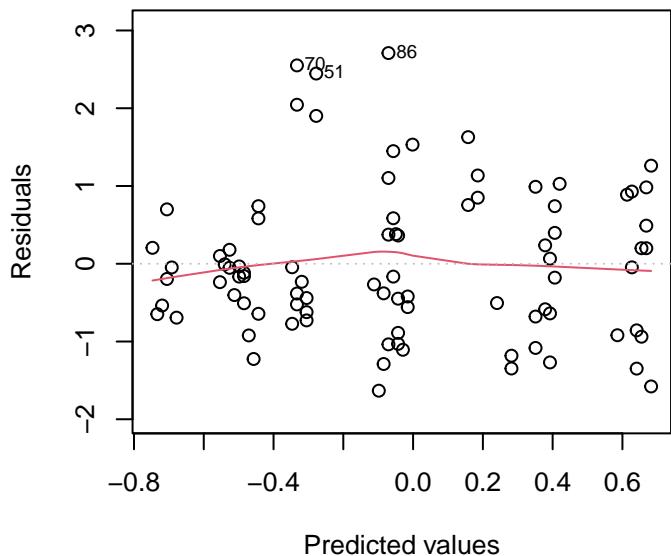
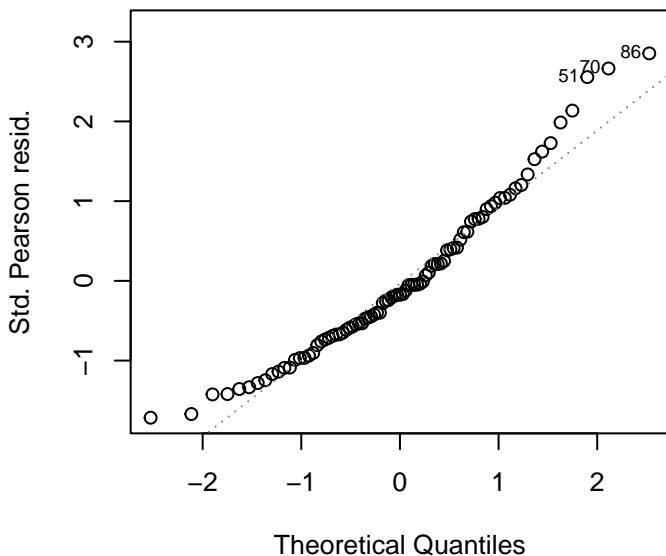


`glm(fric_ses ~ fish + julian_date + 1)`

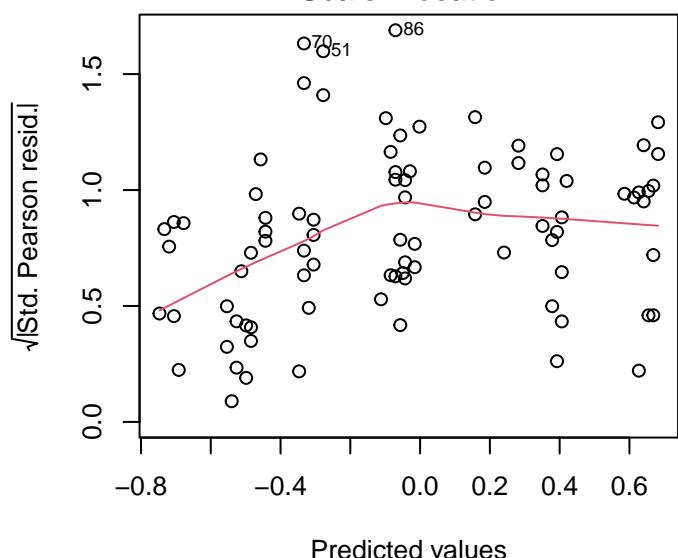
Residuals vs Fitted



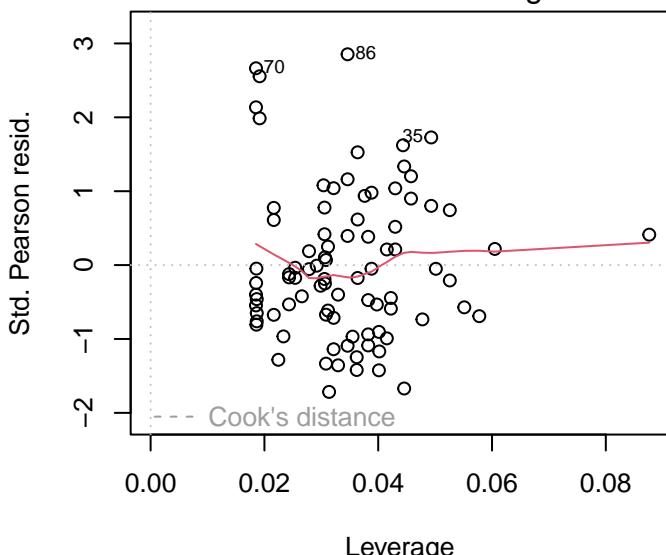
Normal Q-Q



Scale–Location

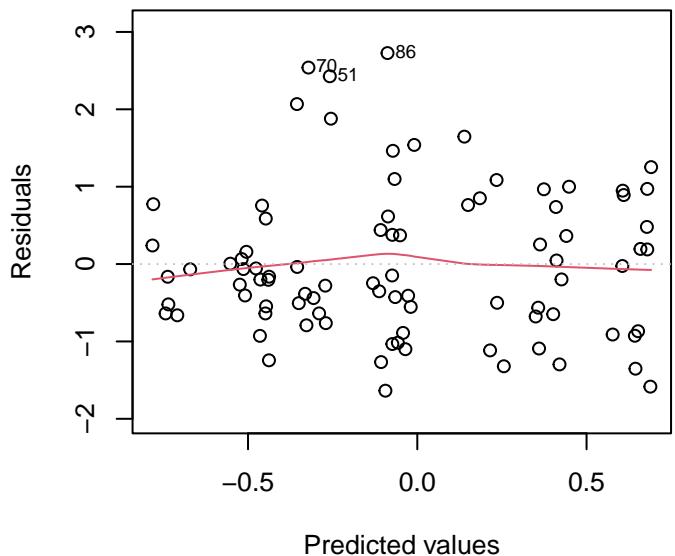


Residuals vs Leverage

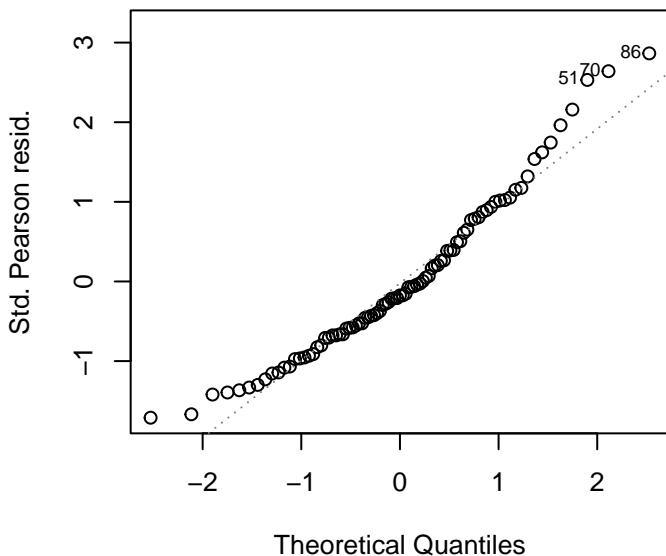


`glm(fric_ses ~ fish + julian_date + temp + 1)`

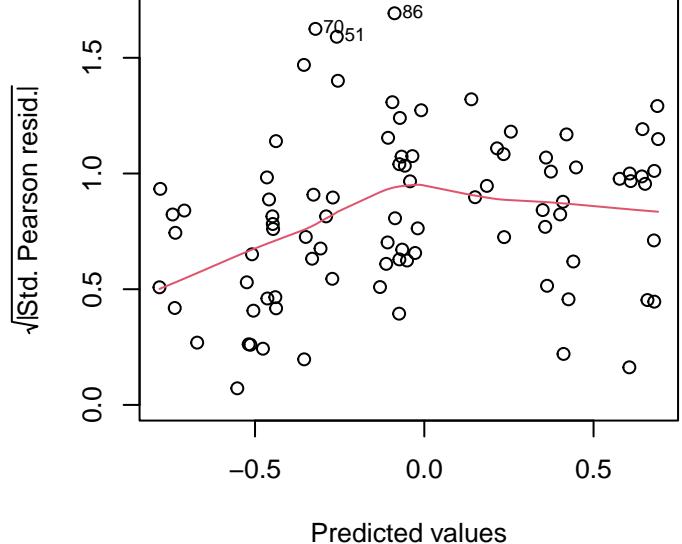
Residuals vs Fitted



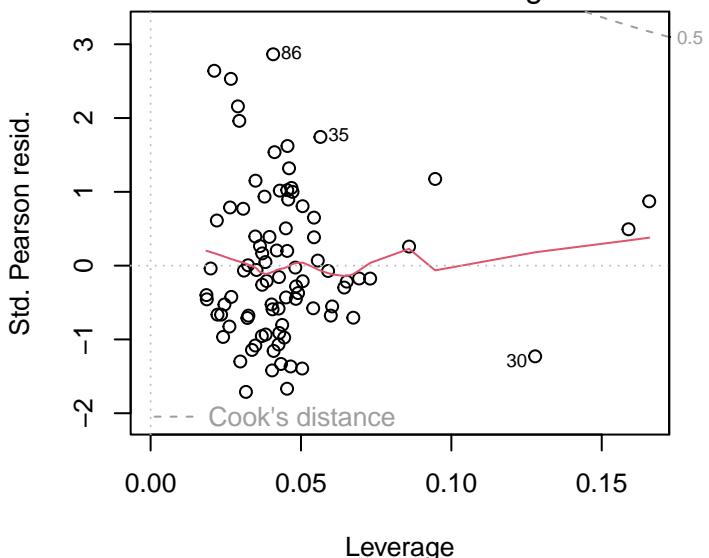
Normal Q–Q



Scale–Location

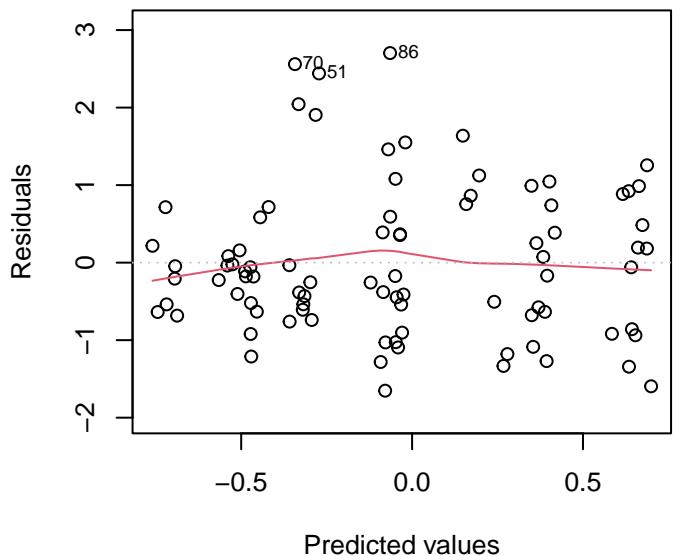


Residuals vs Leverage

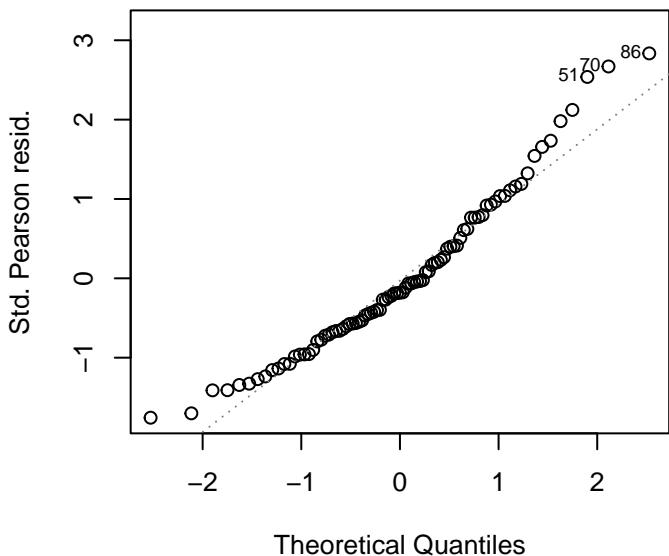


`glm(fric_ses ~ fish + julian_date + time_convert + 1)`

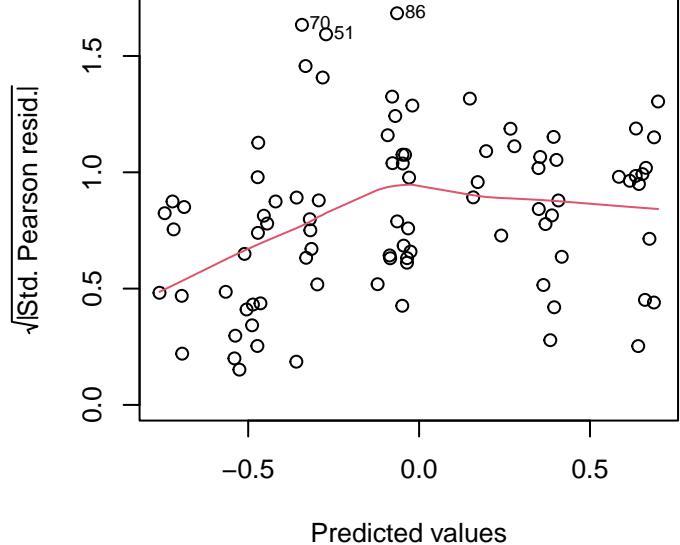
Residuals vs Fitted



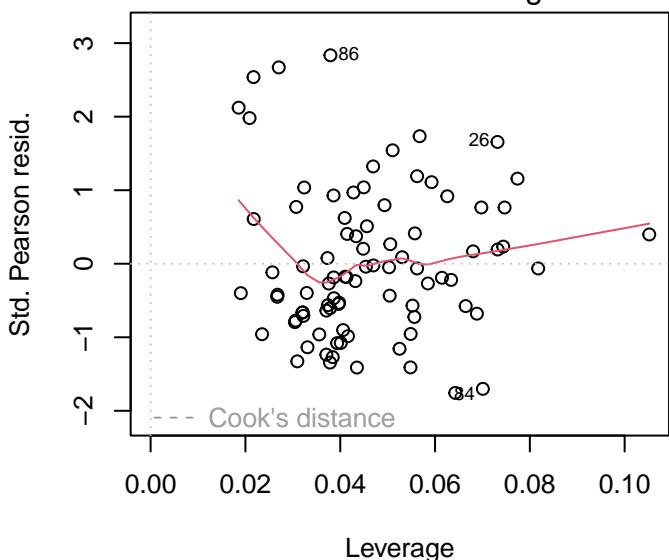
Normal Q–Q



Scale–Location

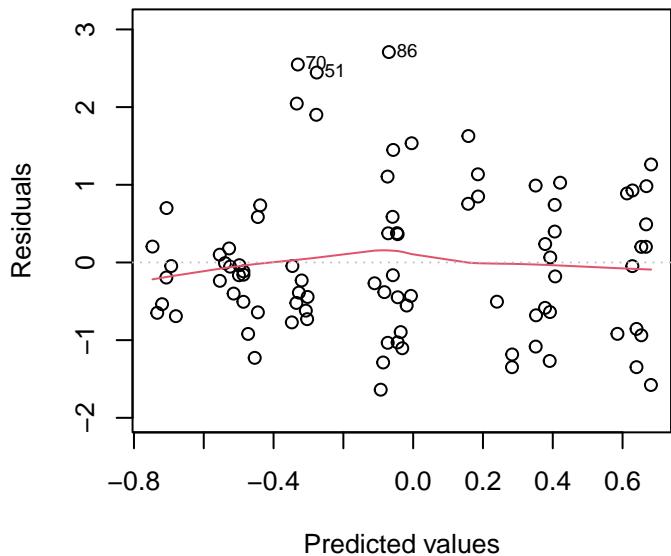


Residuals vs Leverage

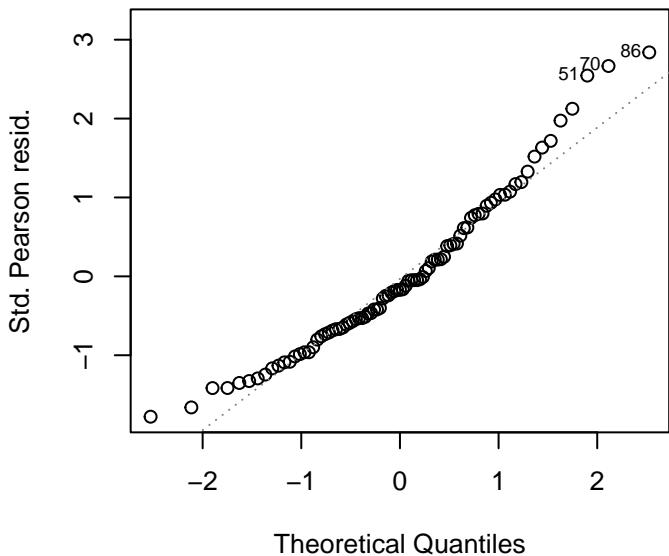


`glm(fric_ses ~ area + fish + julian_date + 1)`

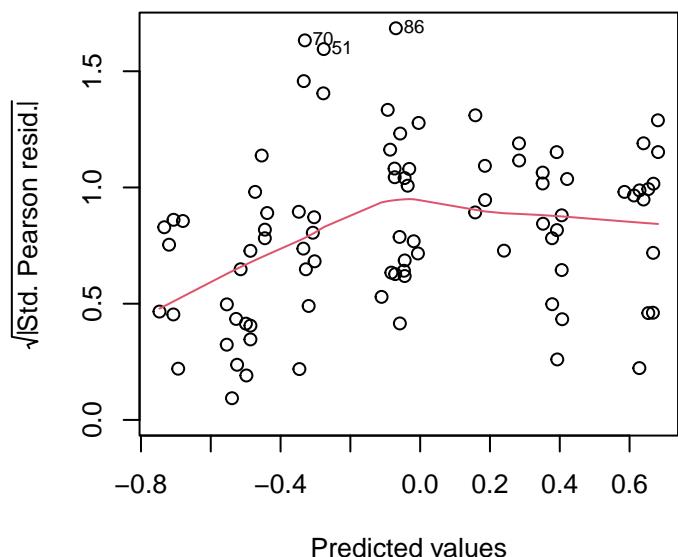
Residuals vs Fitted



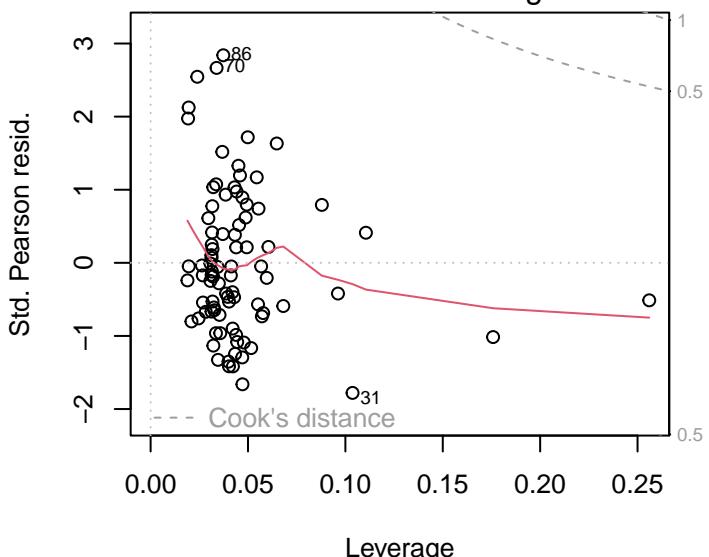
Normal Q–Q



Scale–Location



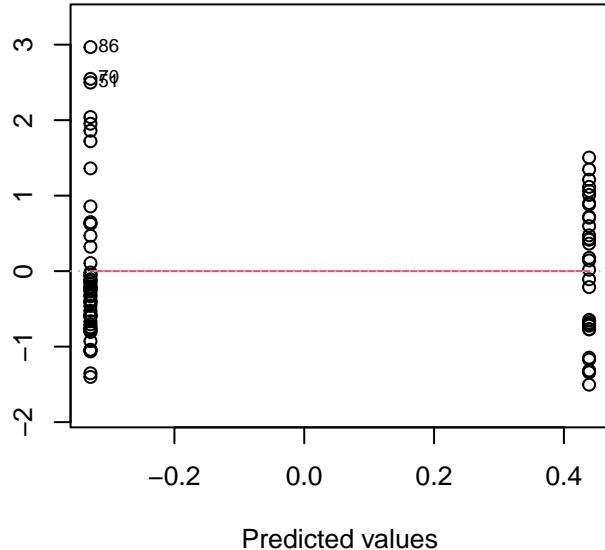
Residuals vs Leverage



`glm(fric_ses ~ fish + 1)`

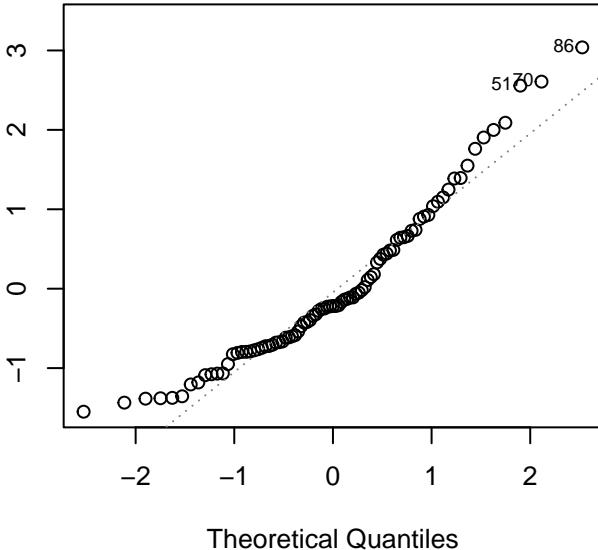
Residuals vs Fitted

Residuals



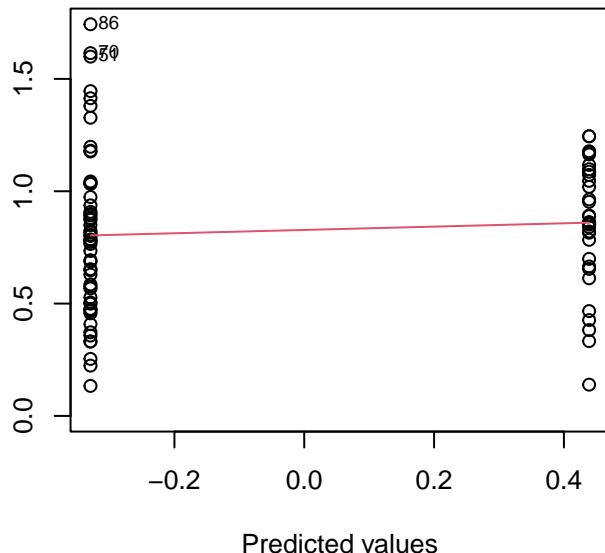
Normal Q-Q

Std. Pearson resid.



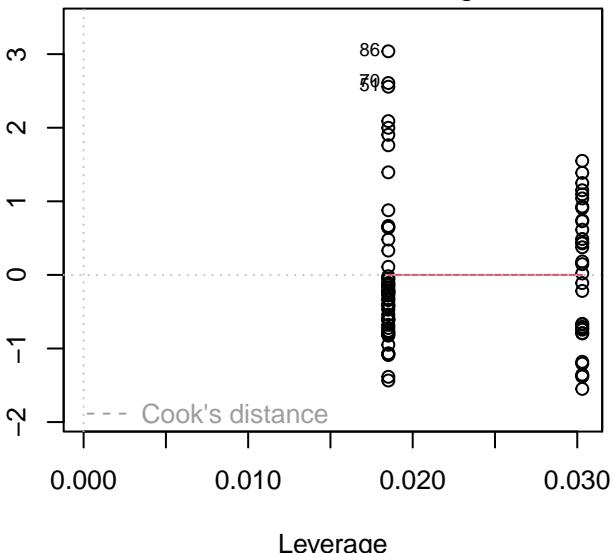
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage

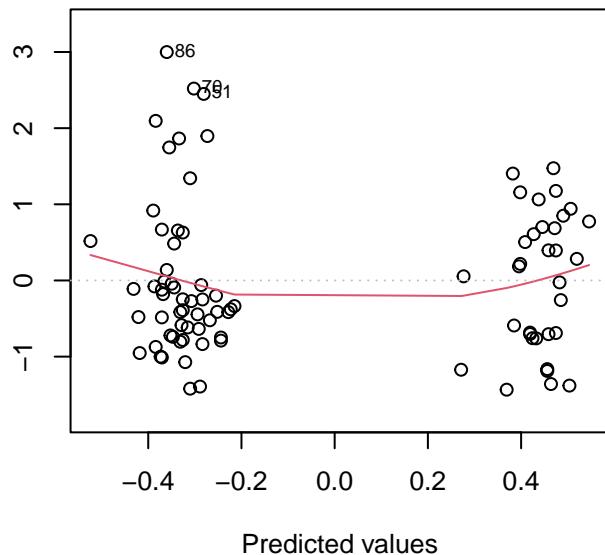
Std. Pearson resid.



`glm(fric_ses ~ fish + temp + 1)`

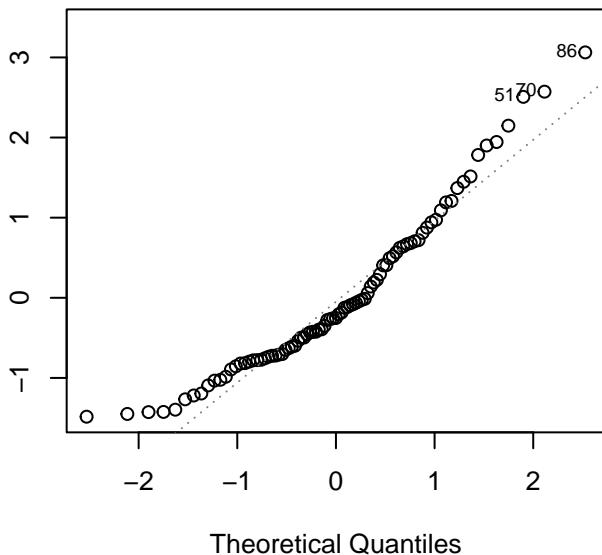
Residuals vs Fitted

Residuals



Normal Q-Q

Std. Pearson resid.

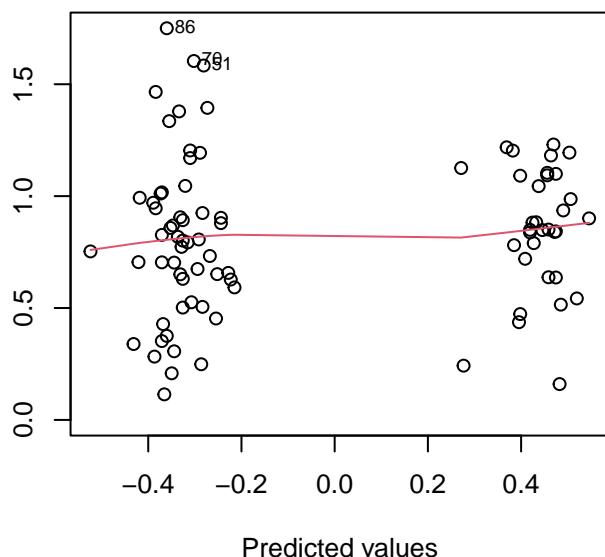


Predicted values

Theoretical Quantiles

Scale–Location

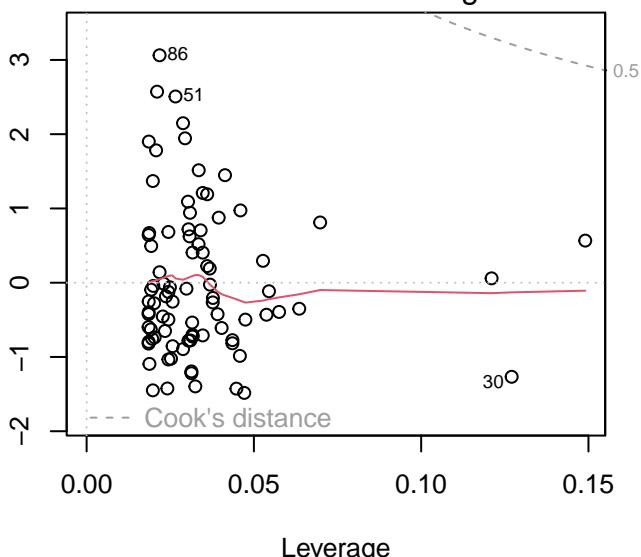
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.



Leverage

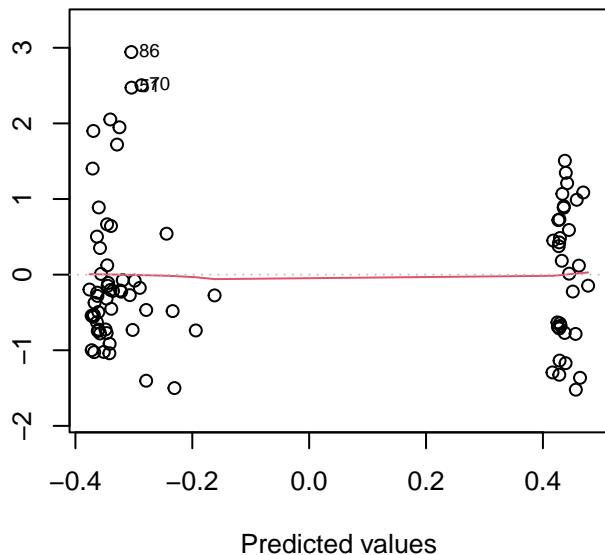
Cook's distance

0.5

`glm(fric_ses ~ area + fish + 1)`

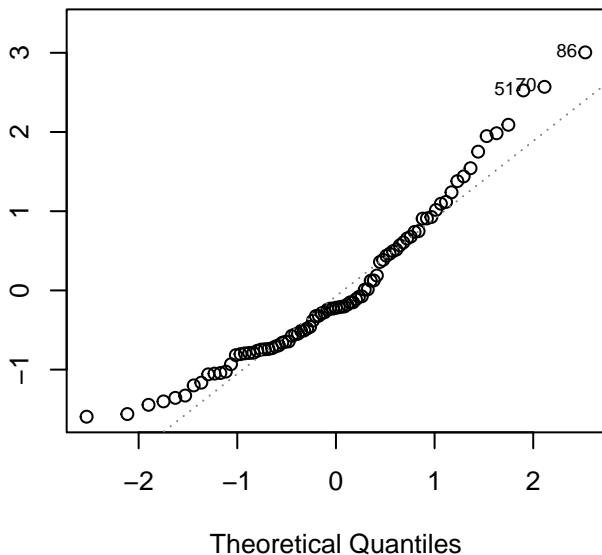
Residuals vs Fitted

Residuals



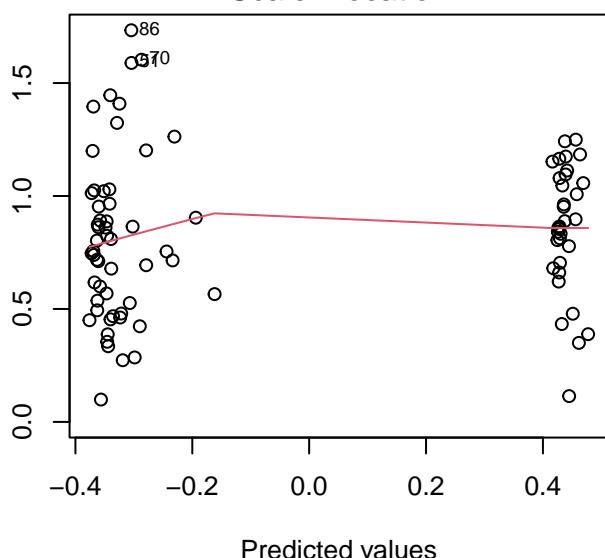
Normal Q–Q

Std. Pearson resid.



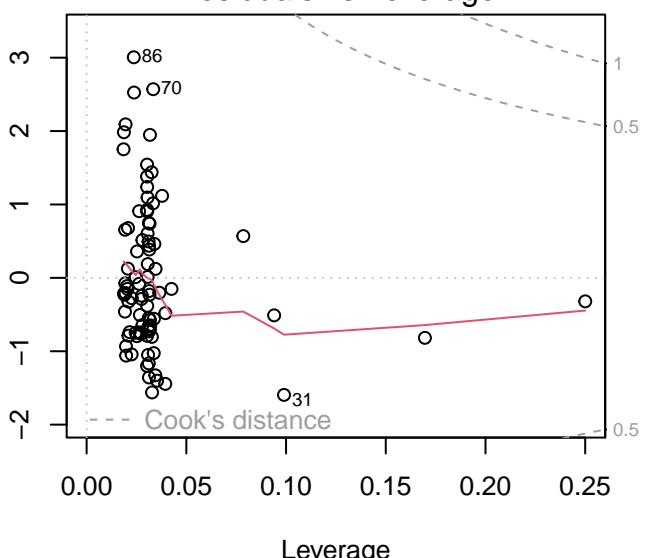
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



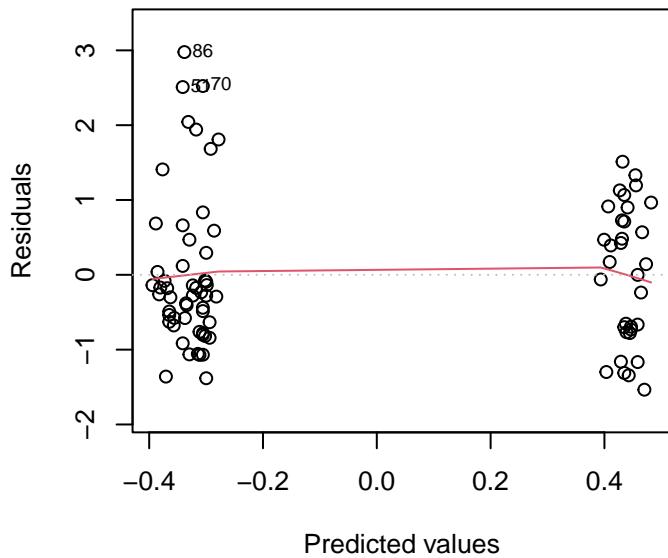
Residuals vs Leverage

Std. Pearson resid.

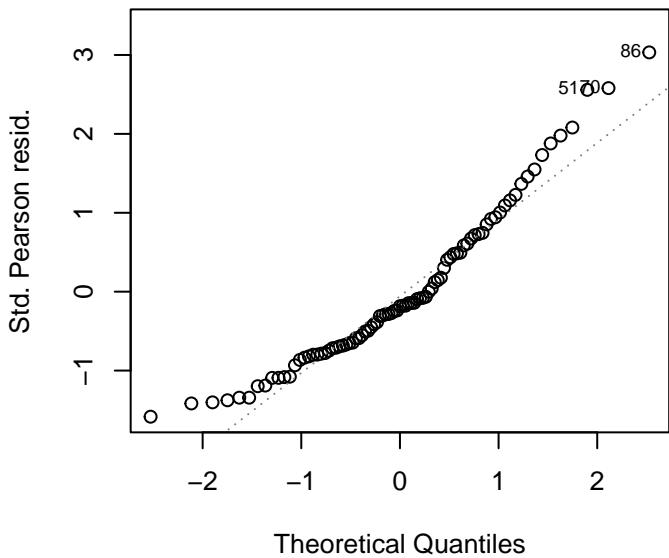


`glm(fric_ses ~ fish + time_convert + 1)`

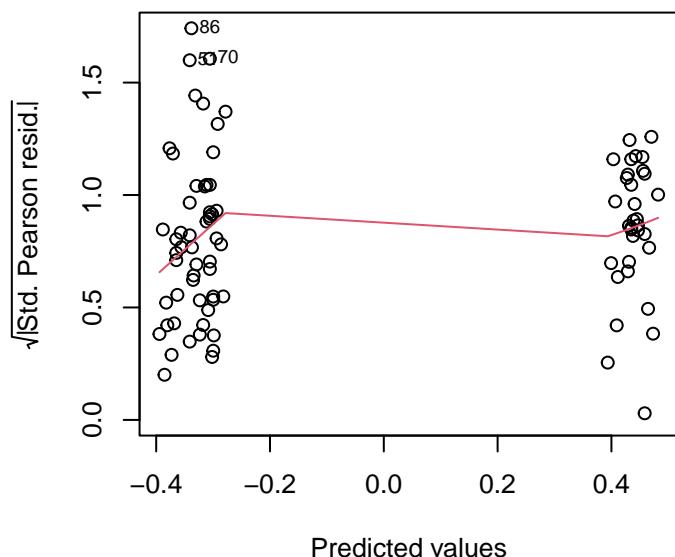
Residuals vs Fitted



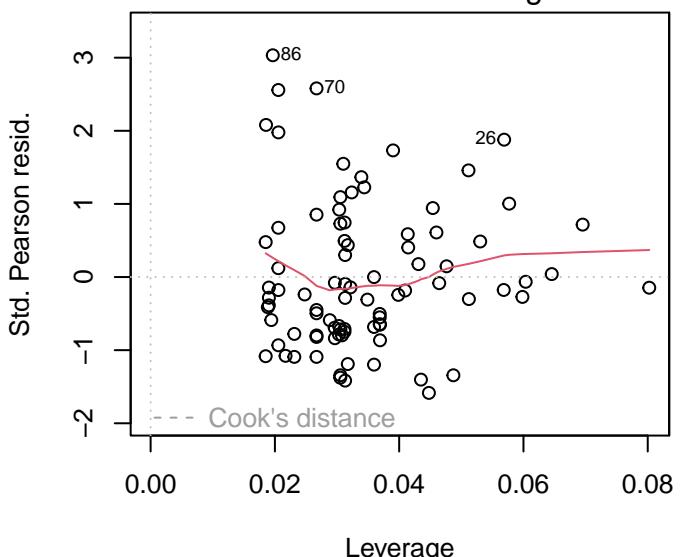
Normal Q-Q



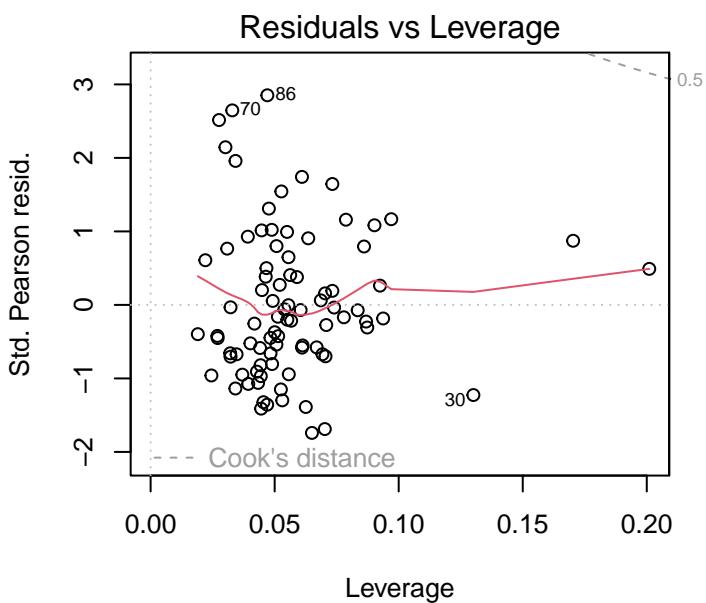
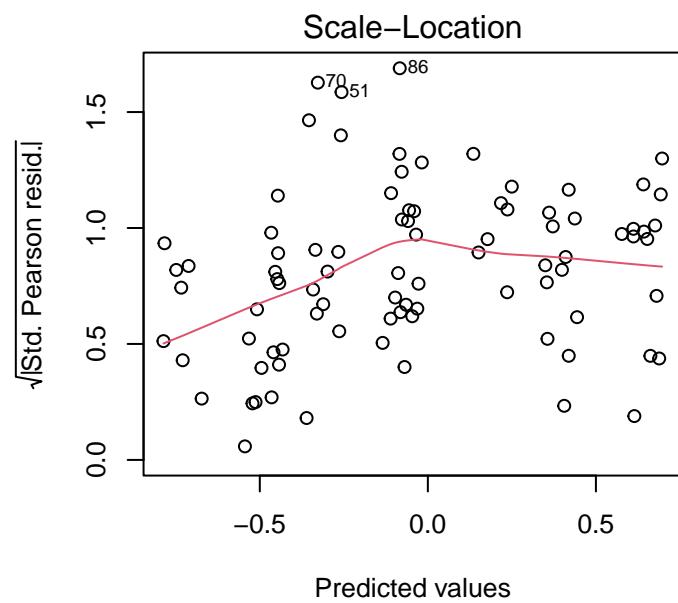
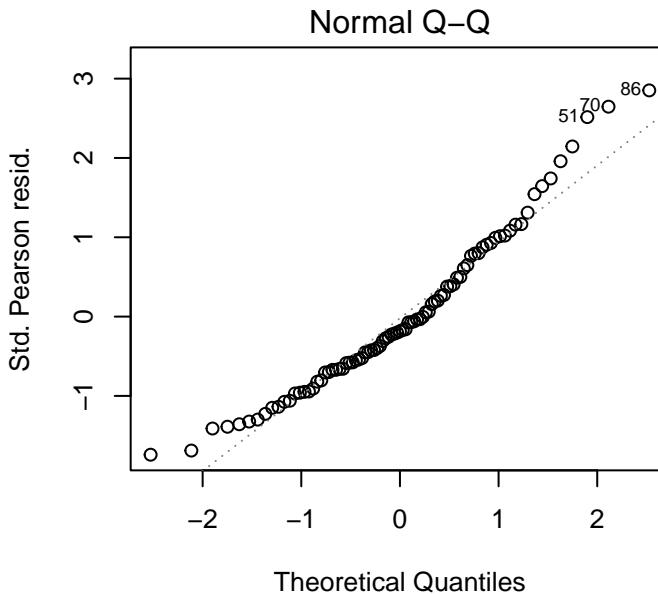
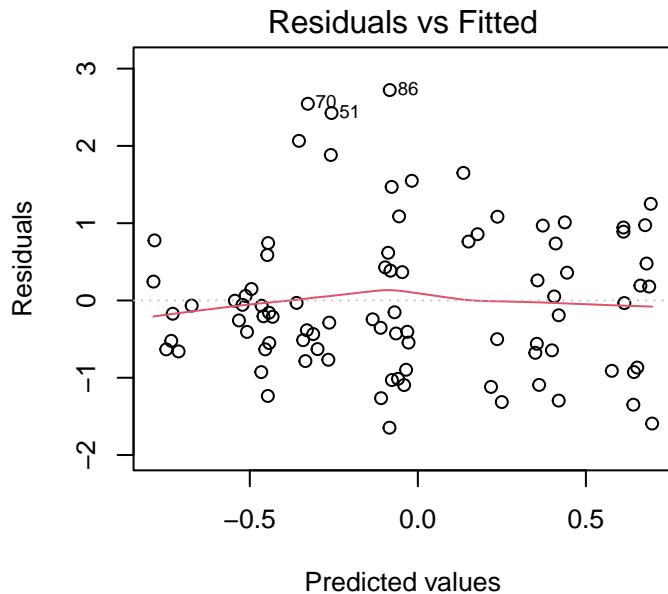
Scale–Location



Residuals vs Leverage

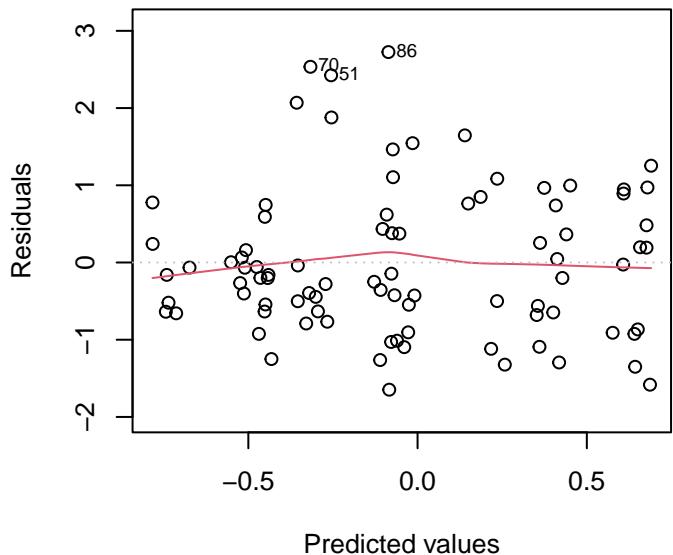


`glm(fric_ses ~ fish + julian_date + temp + time_convert + 1)`

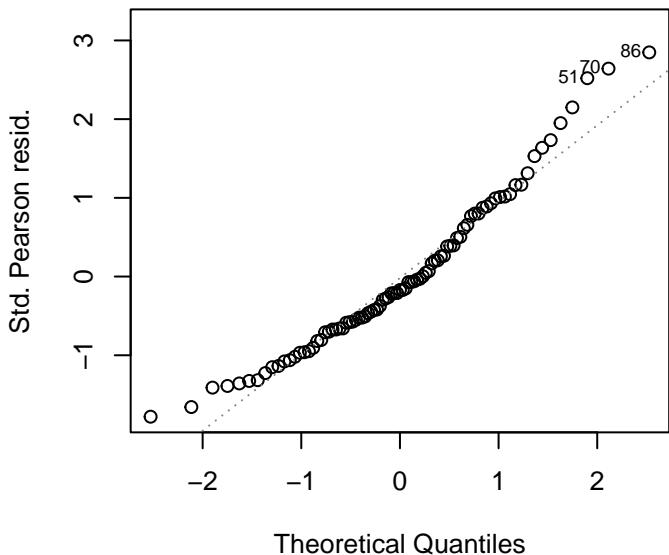


`glm(fric_ses ~ area + fish + julian_date + temp + 1)`

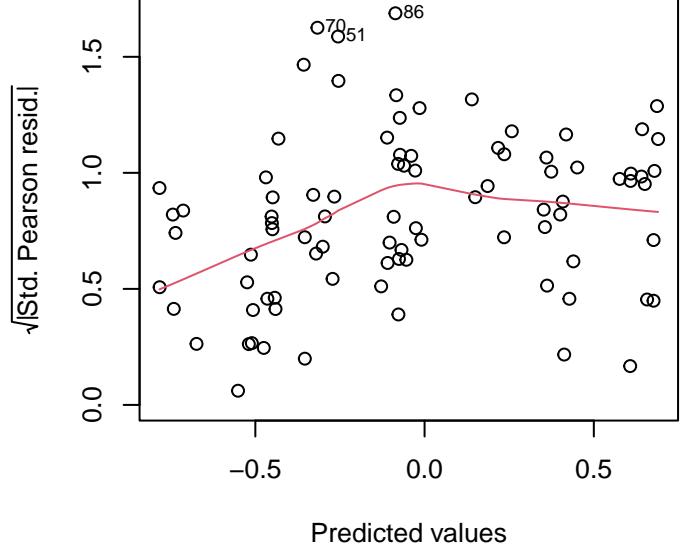
Residuals vs Fitted



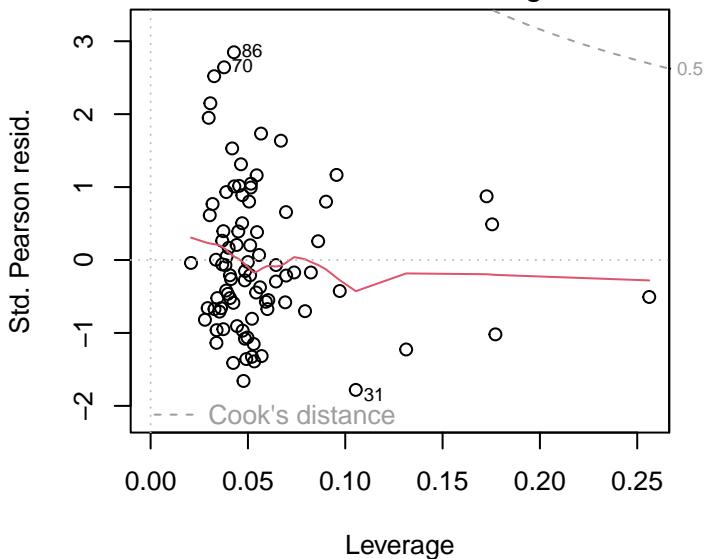
Normal Q–Q



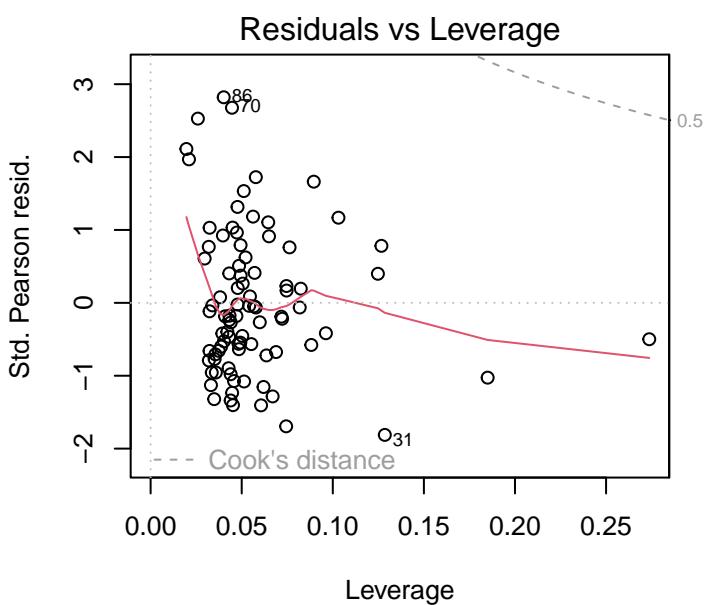
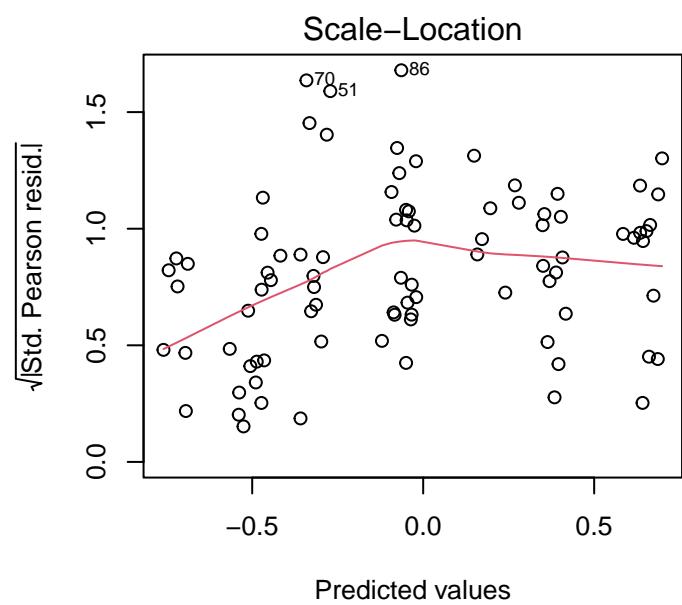
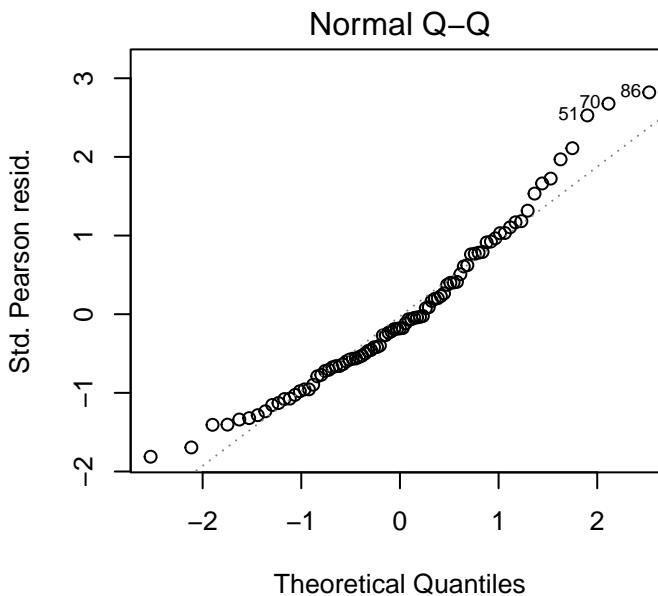
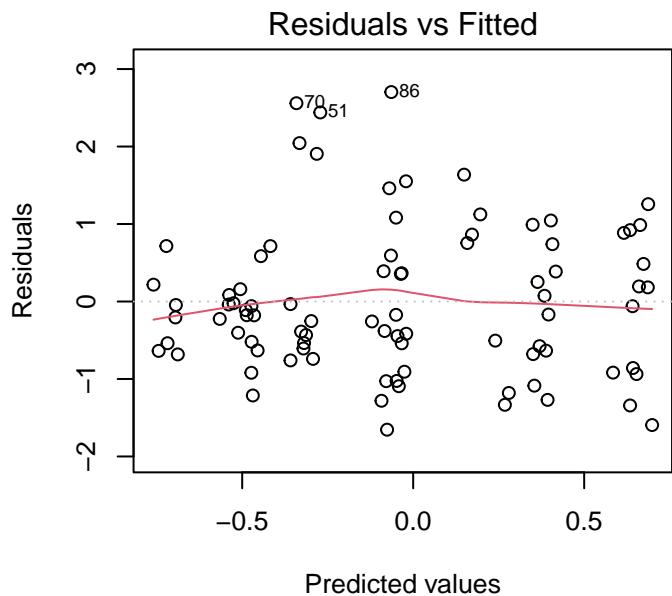
Scale–Location



Residuals vs Leverage



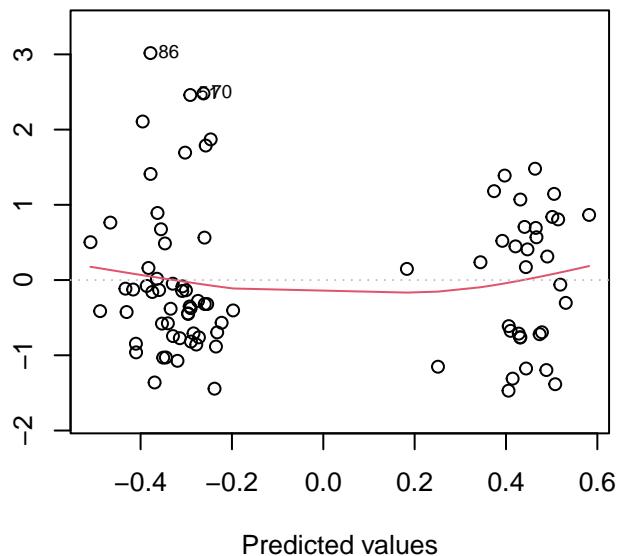
`glm(fric_ses ~ area + fish + julian_date + time_convert + 1)`



`glm(fric_ses ~ fish + temp + time_convert + 1)`

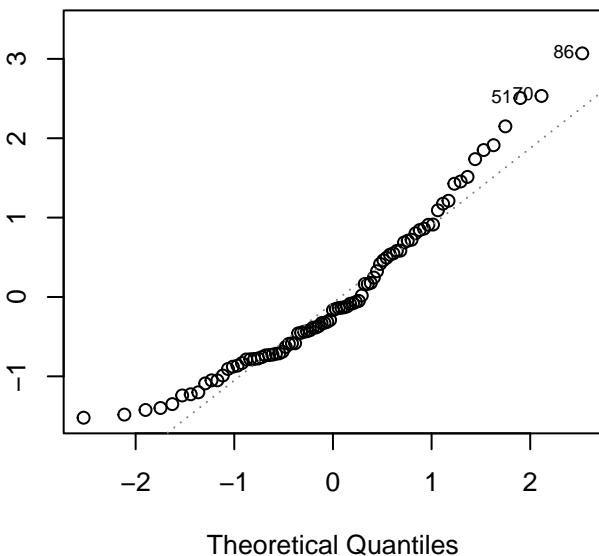
Residuals vs Fitted

Residuals



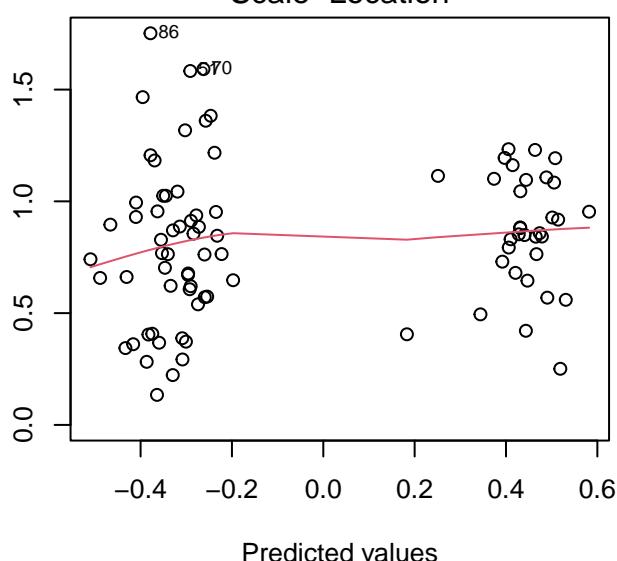
Normal Q–Q

Std. Pearson resid.



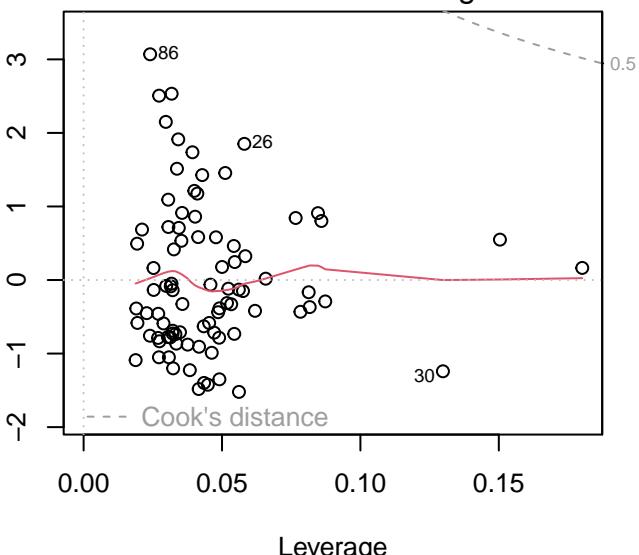
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



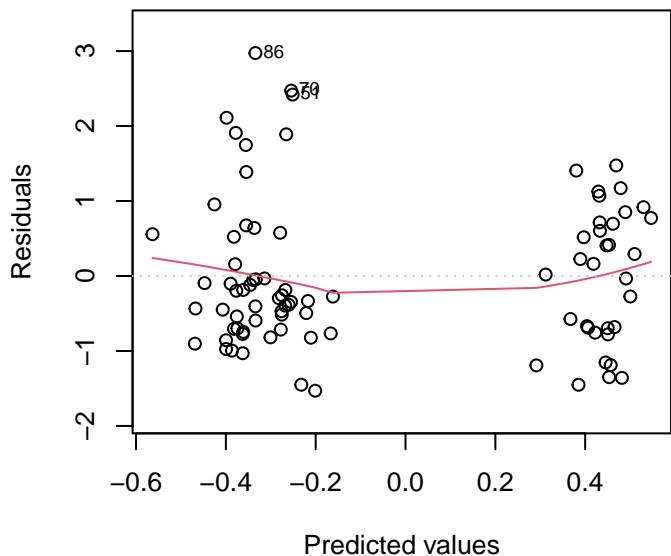
Residuals vs Leverage

Std. Pearson resid.

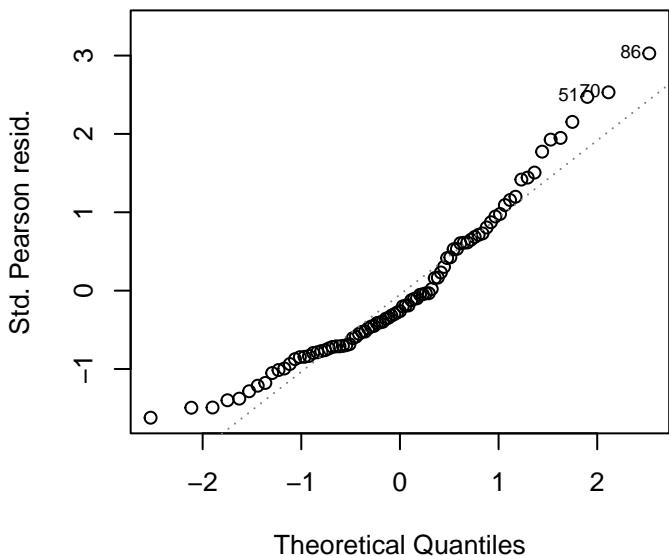


`glm(fric_ses ~ area + fish + temp + 1)`

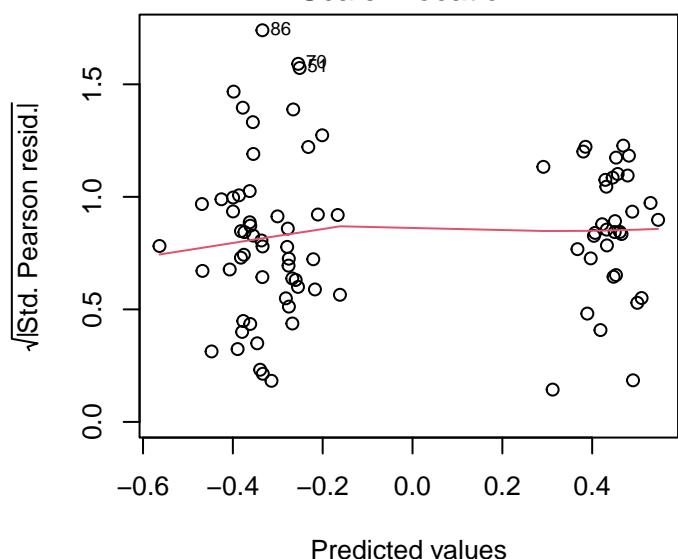
Residuals vs Fitted



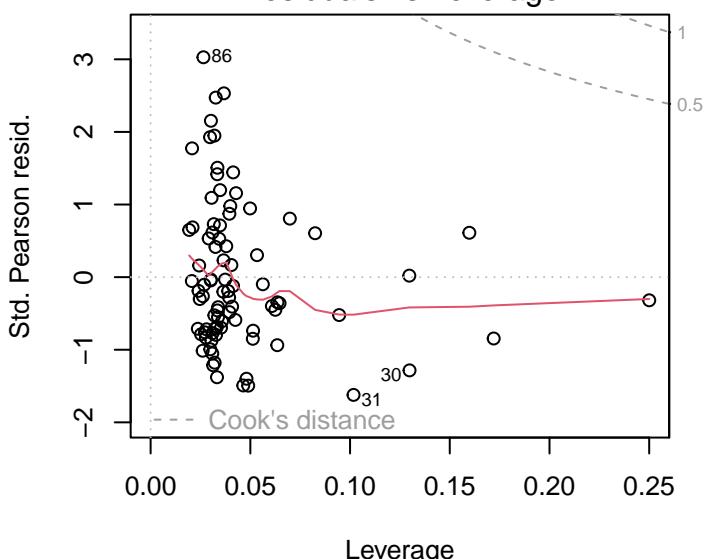
Normal Q–Q



Scale–Location



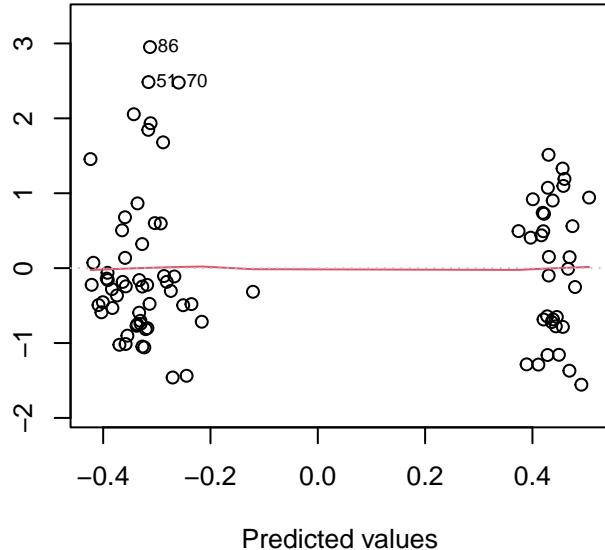
Residuals vs Leverage



`glm(fric_ses ~ area + fish + time_convert + 1)`

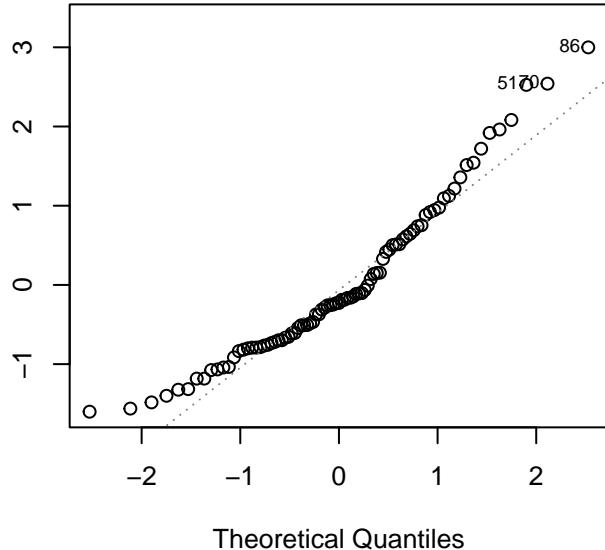
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

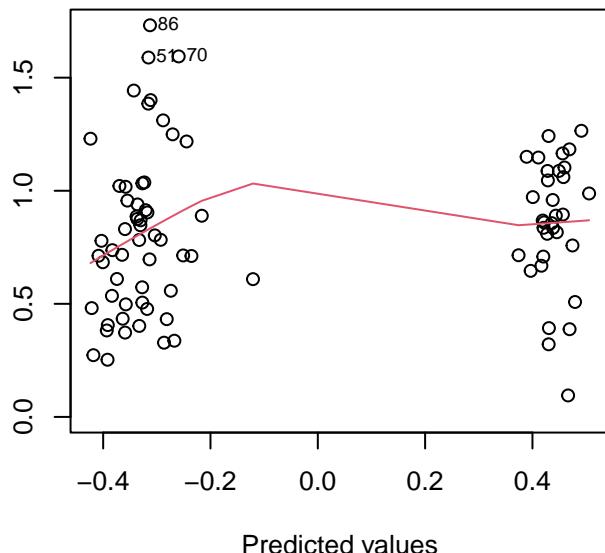


Predicted values

Theoretical Quantiles

Scale–Location

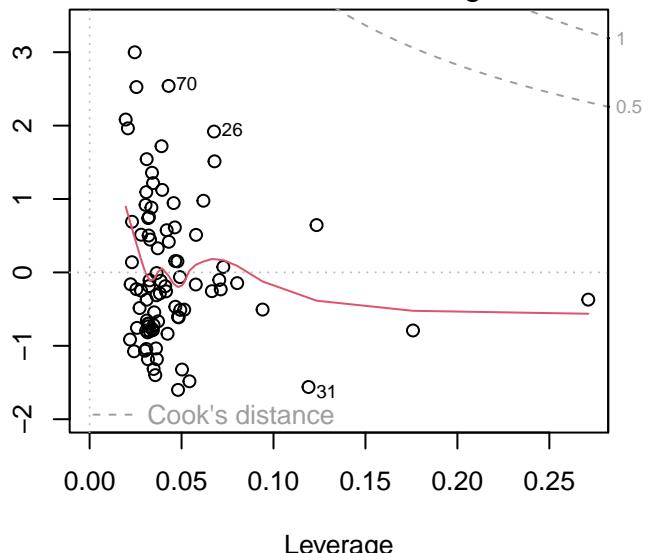
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

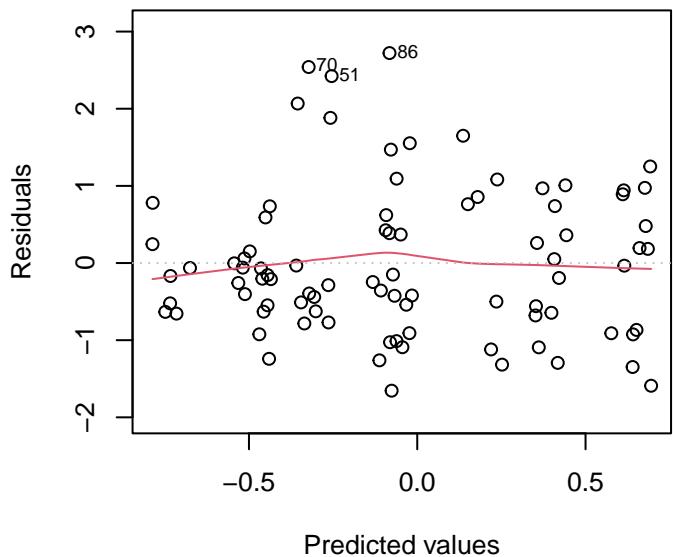


Leverage

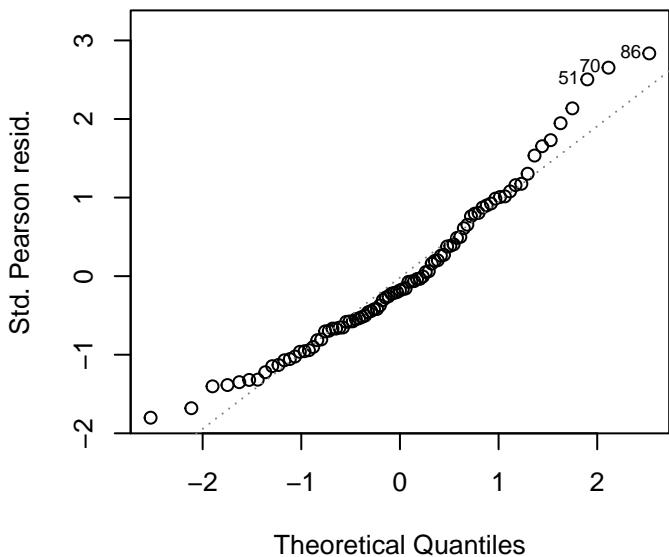
Cook's distance

`glm(fric_ses ~ area + fish + julian_date + temp + time_convert + 1)`

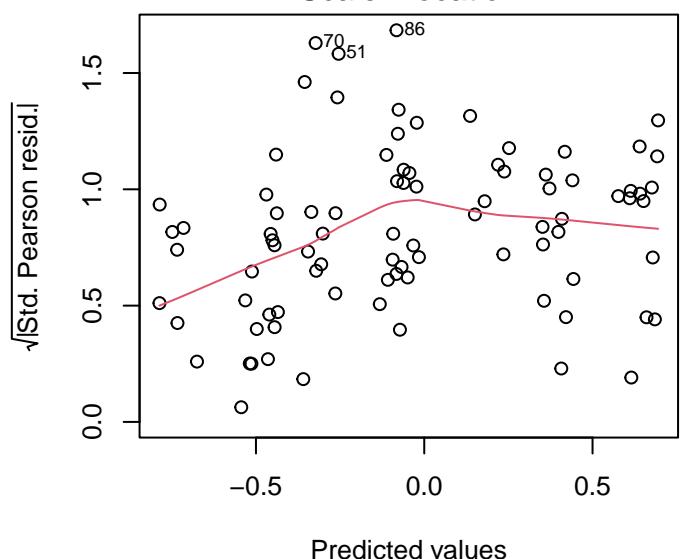
Residuals vs Fitted



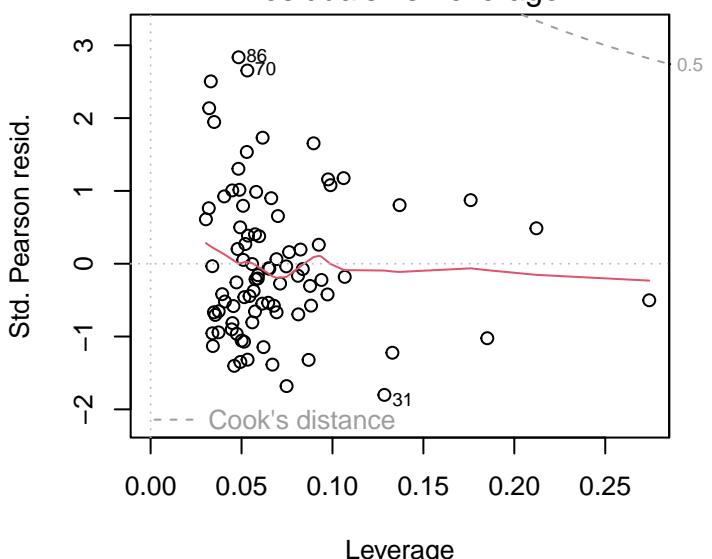
Normal Q–Q



Scale–Location

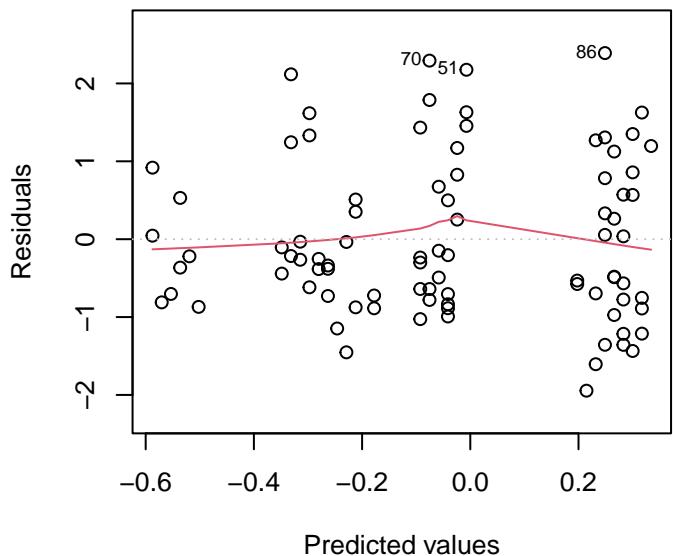


Residuals vs Leverage

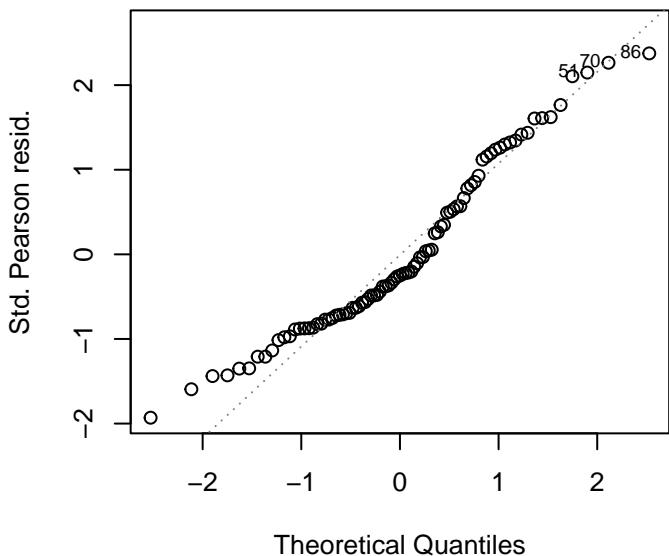


`glm(fric_ses ~ julian_date + 1)`

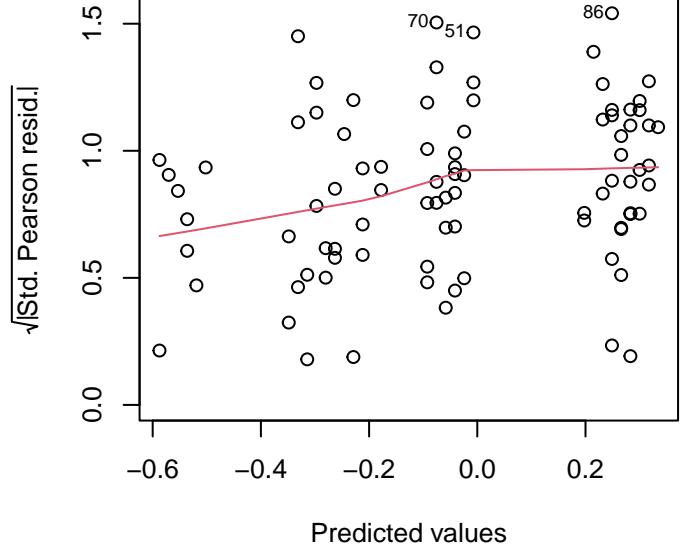
Residuals vs Fitted



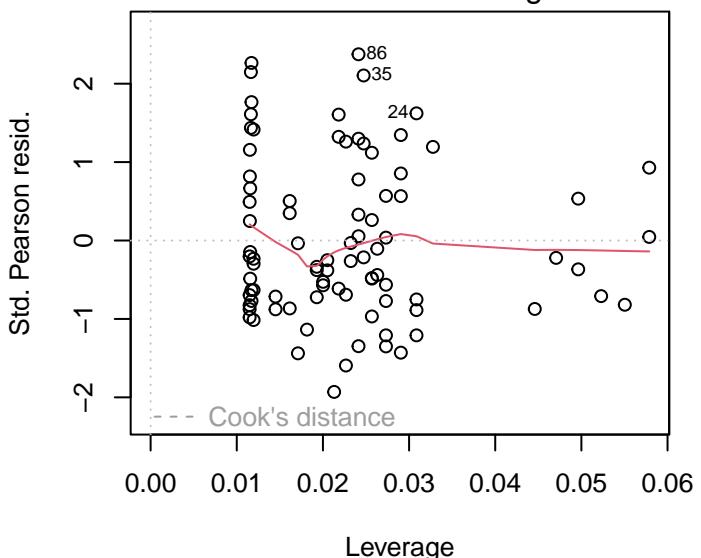
Normal Q-Q



Scale–Location

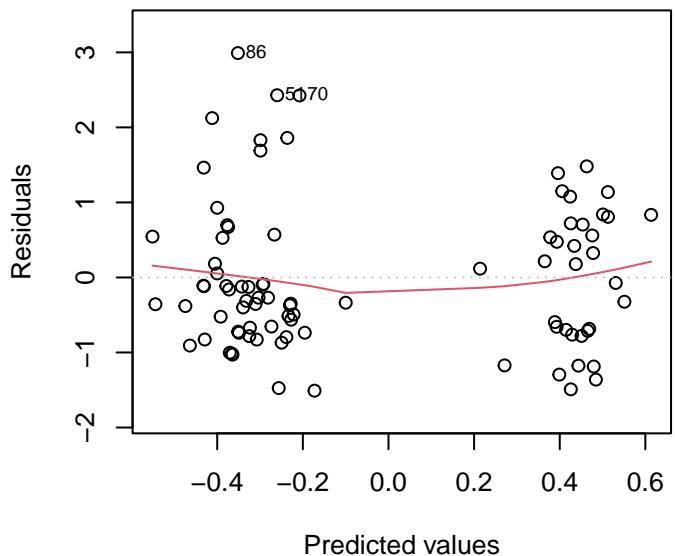


Residuals vs Leverage

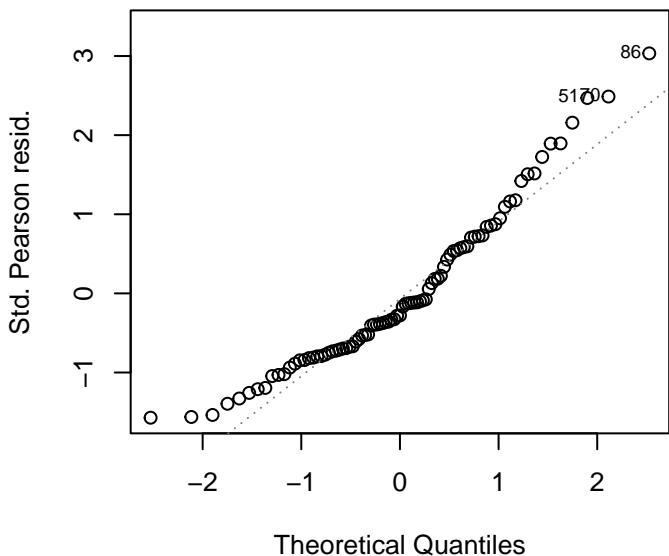


`glm(fric_ses ~ area + fish + temp + time_convert + 1)`

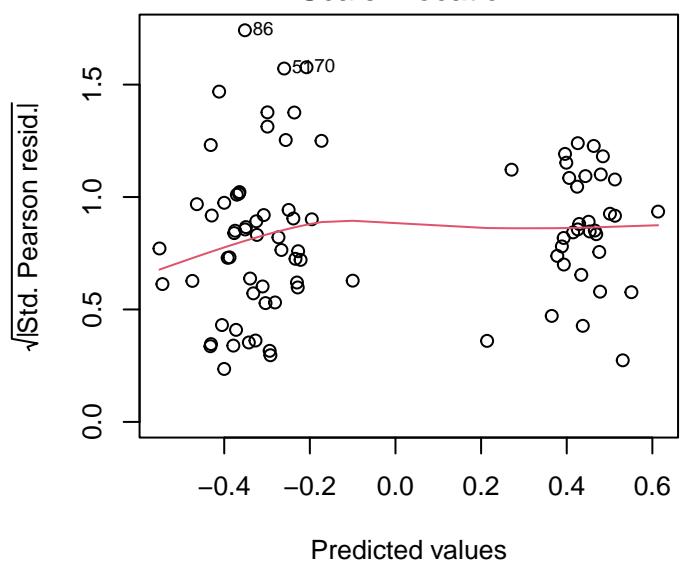
Residuals vs Fitted



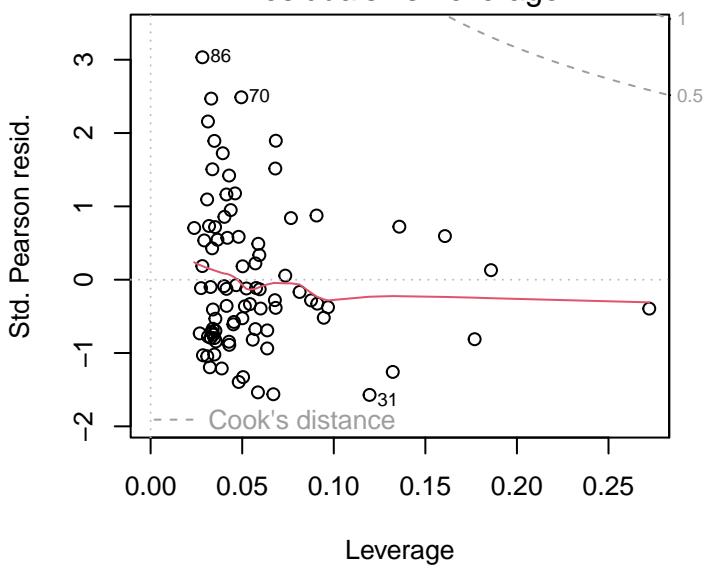
Normal Q–Q



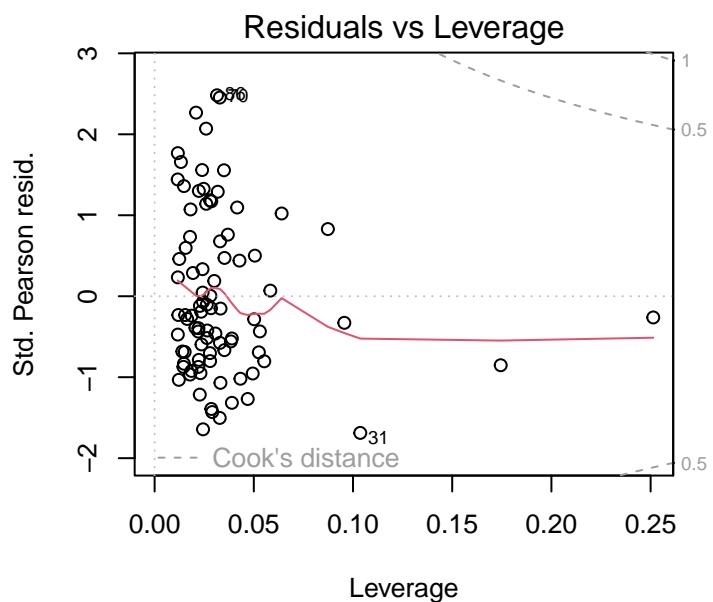
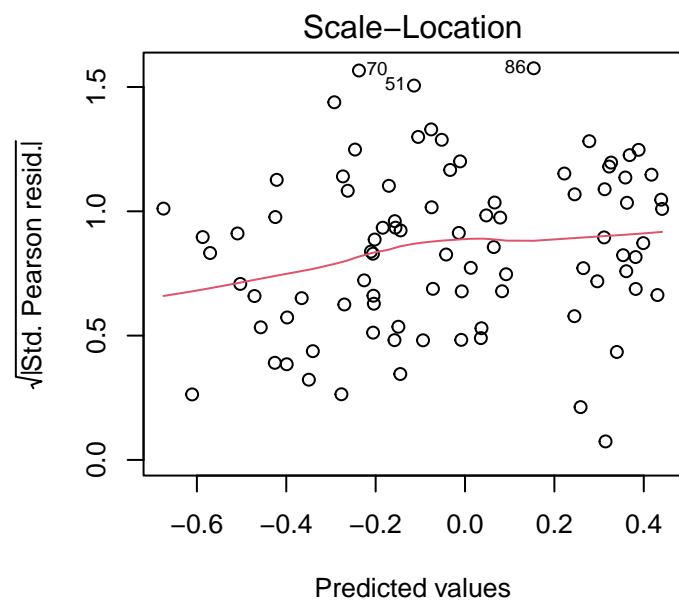
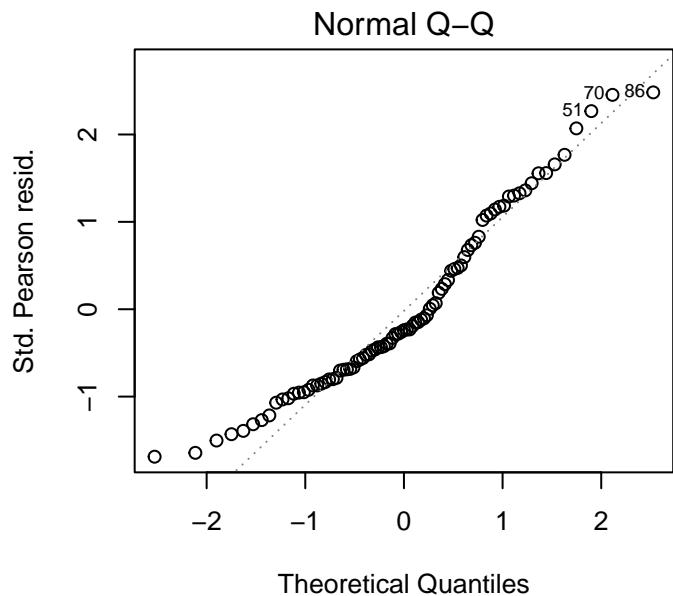
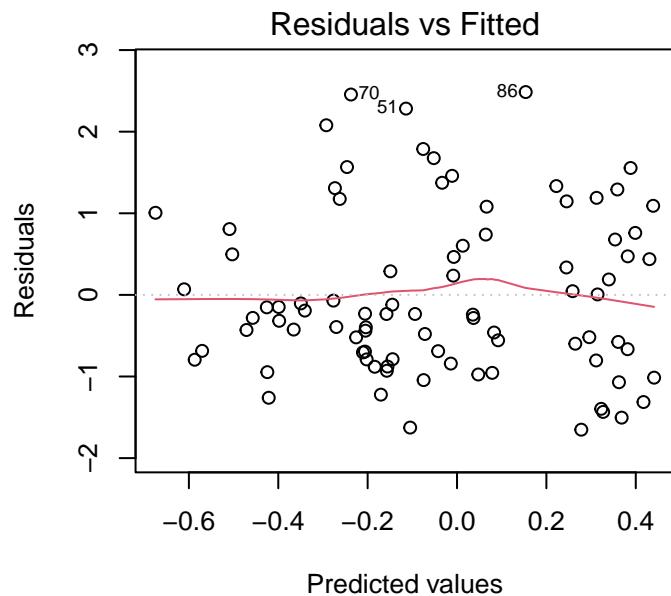
Scale–Location



Residuals vs Leverage

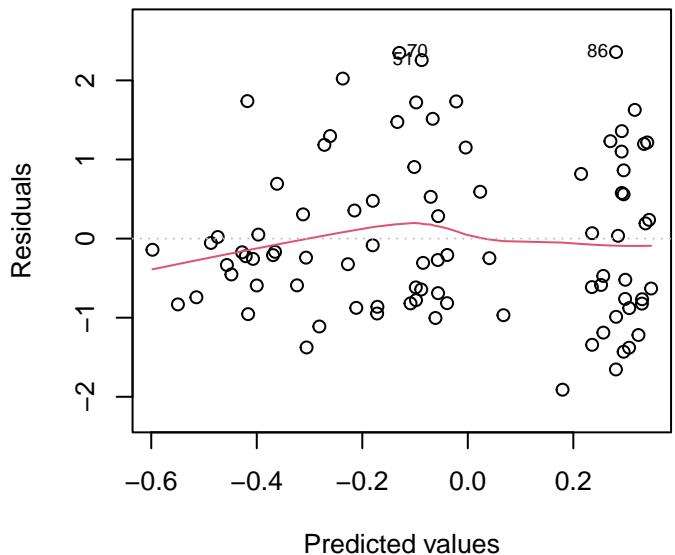


`glm(fric_ses ~ area + julian_date + 1)`

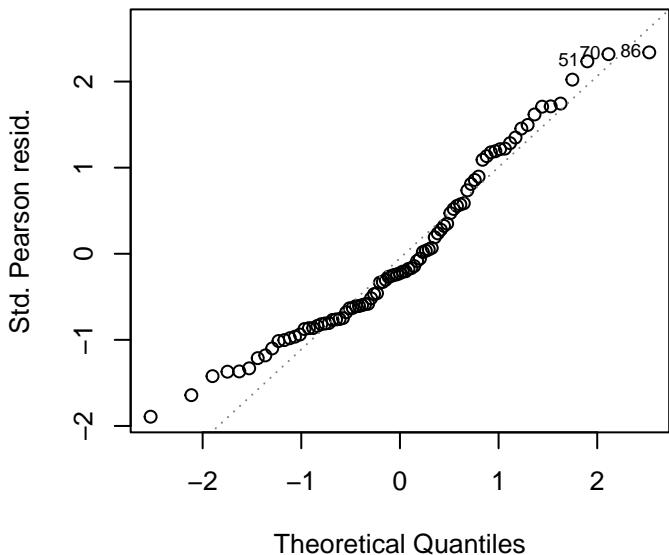


`glm(fric_ses ~ julian_date + temp + 1)`

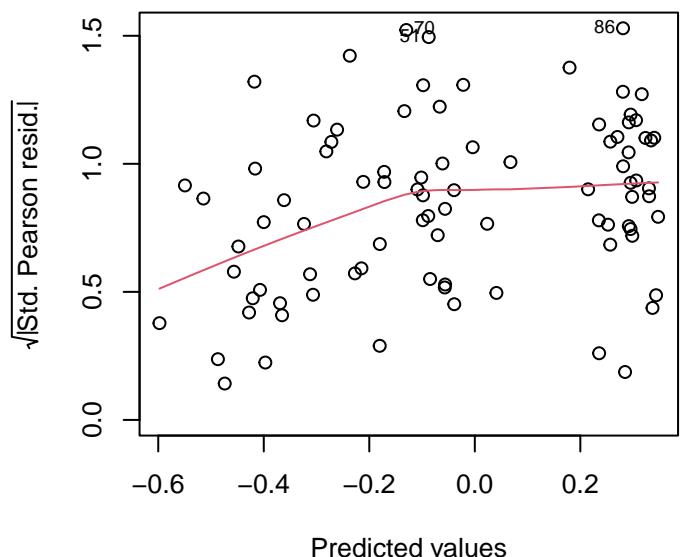
Residuals vs Fitted



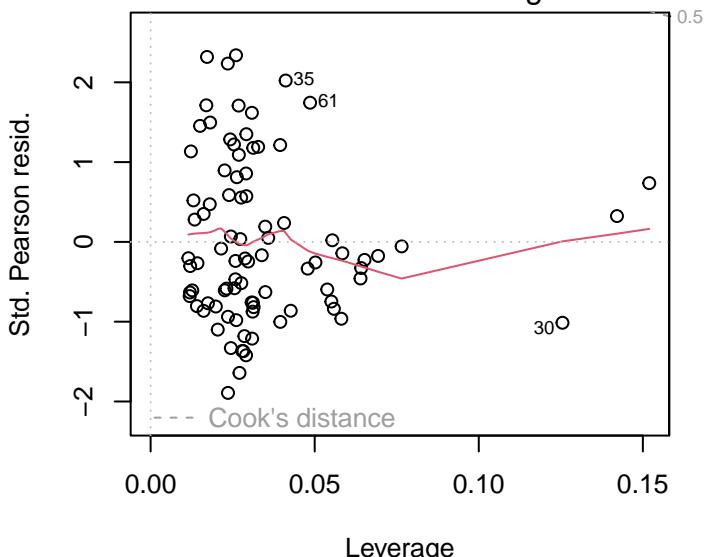
Normal Q-Q



Scale–Location

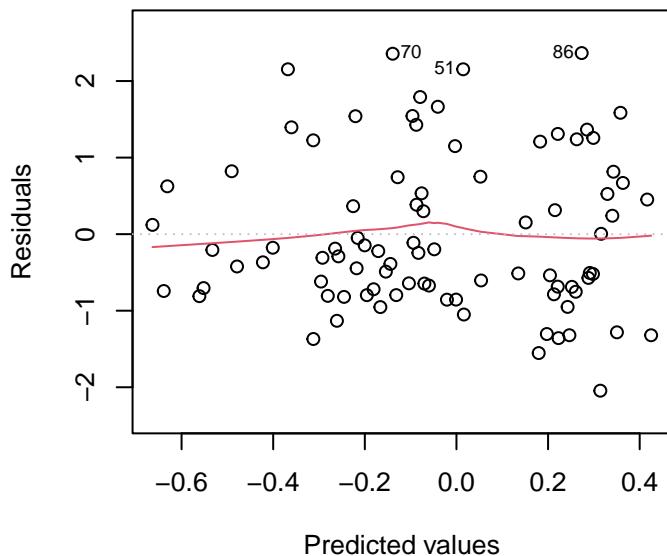


Residuals vs Leverage

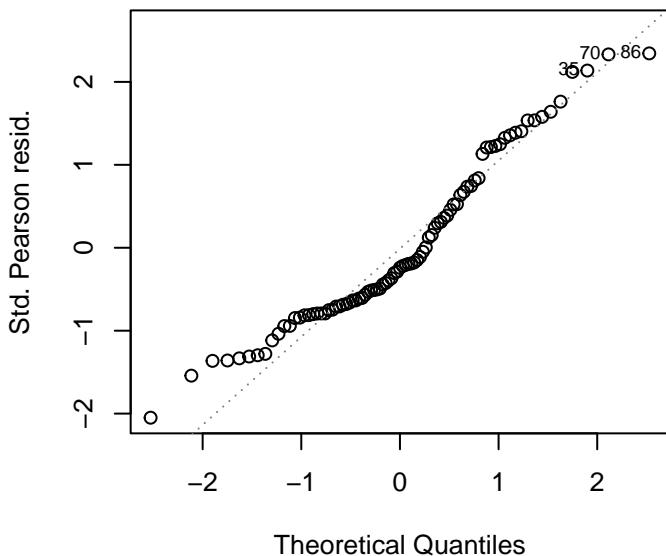


`glm(fric_ses ~ julian_date + time_convert + 1)`

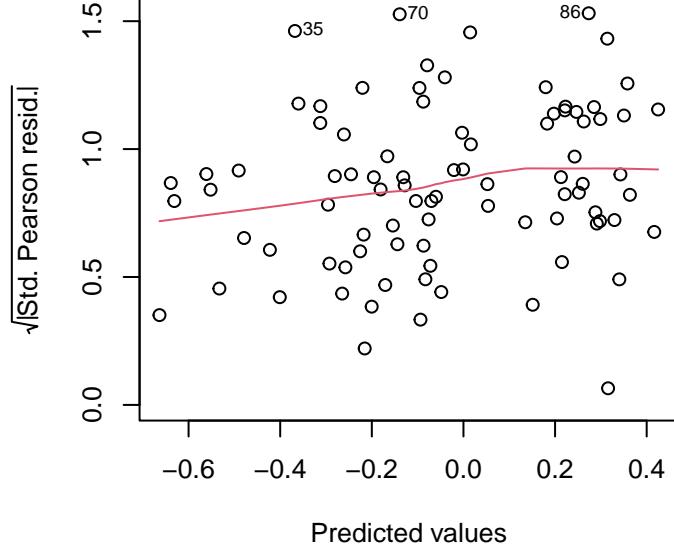
Residuals vs Fitted



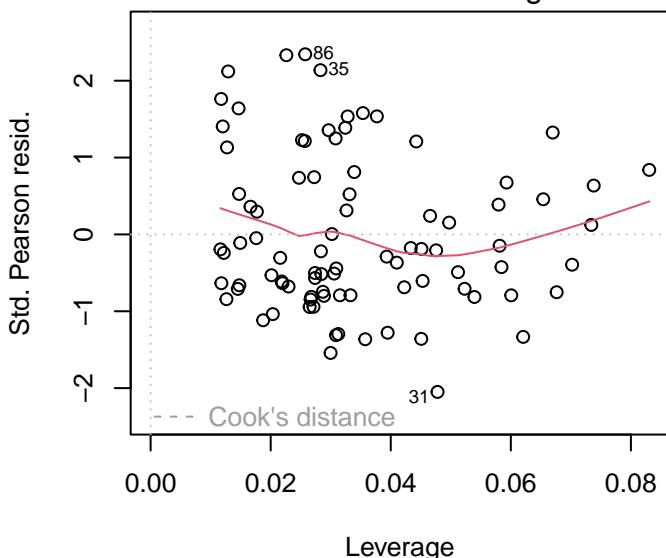
Normal Q-Q



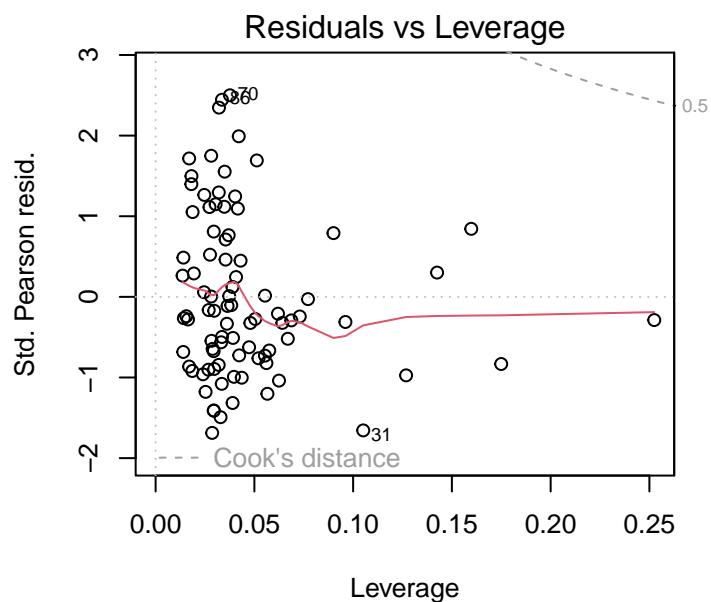
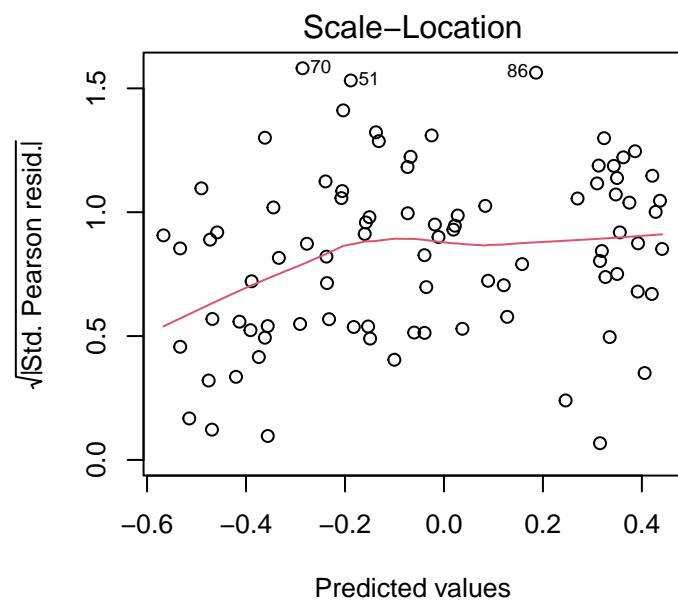
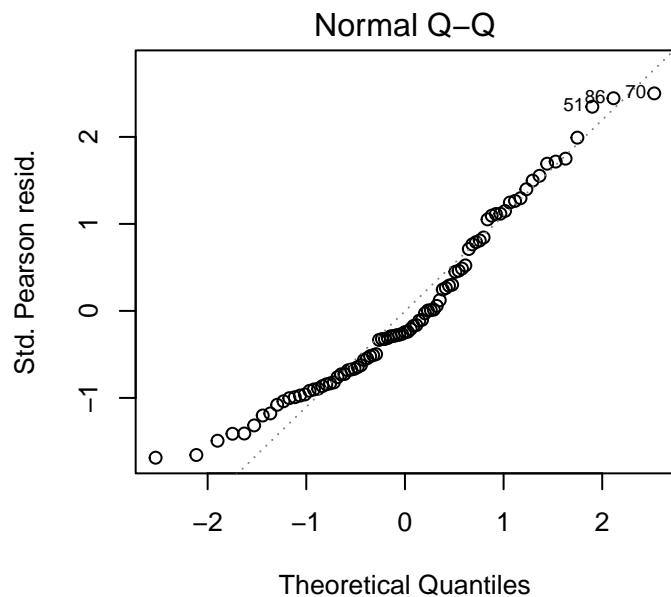
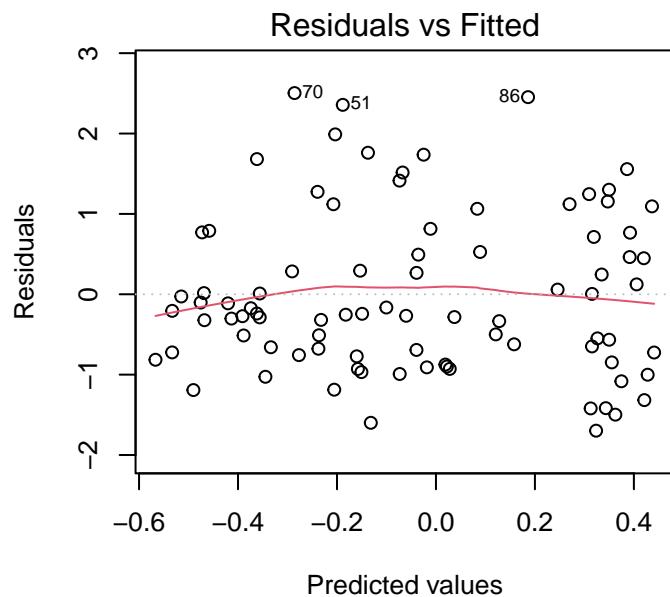
Scale–Location



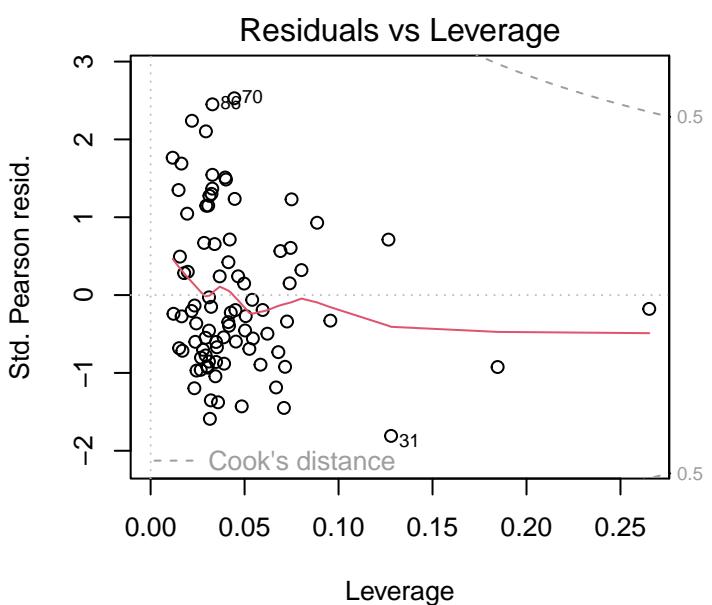
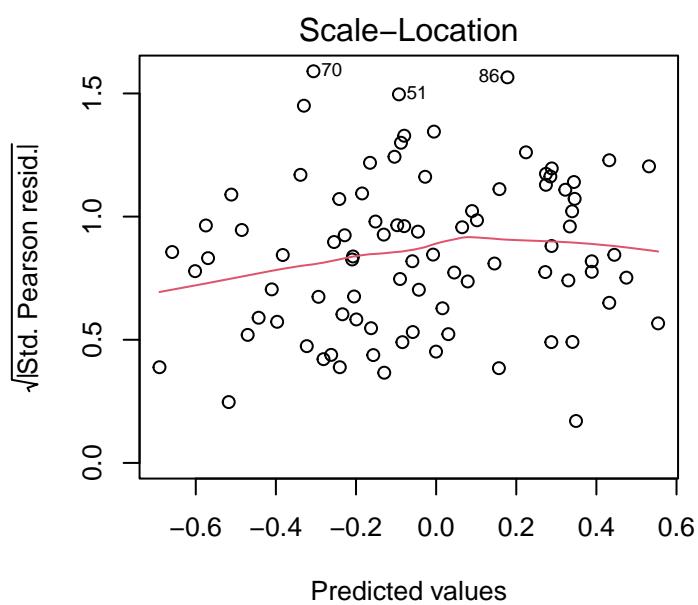
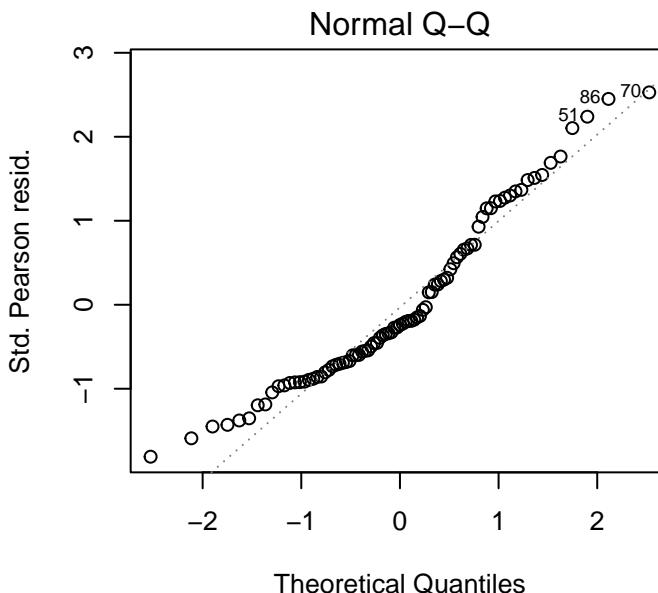
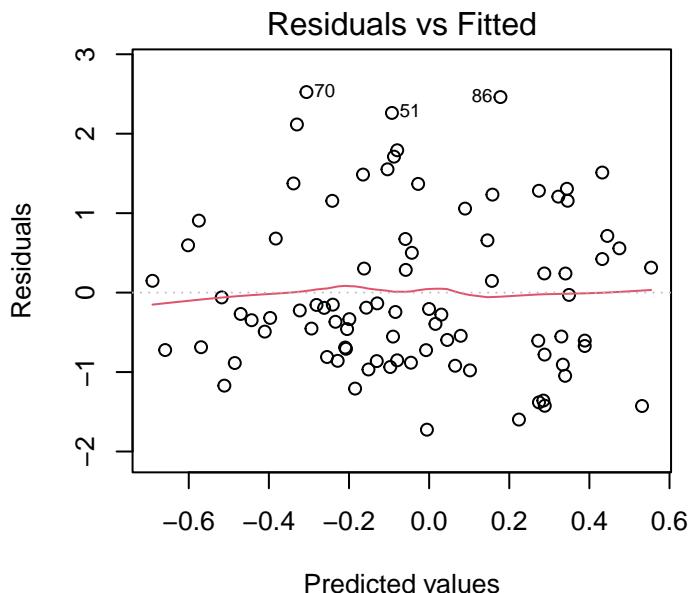
Residuals vs Leverage



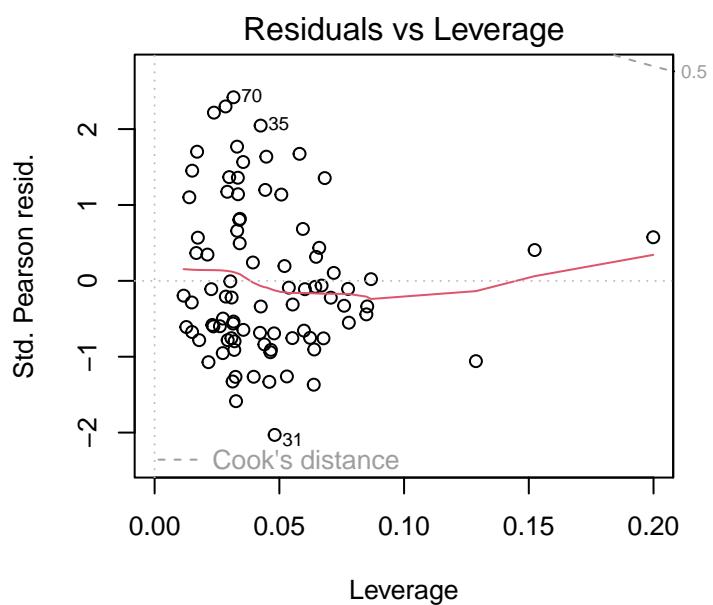
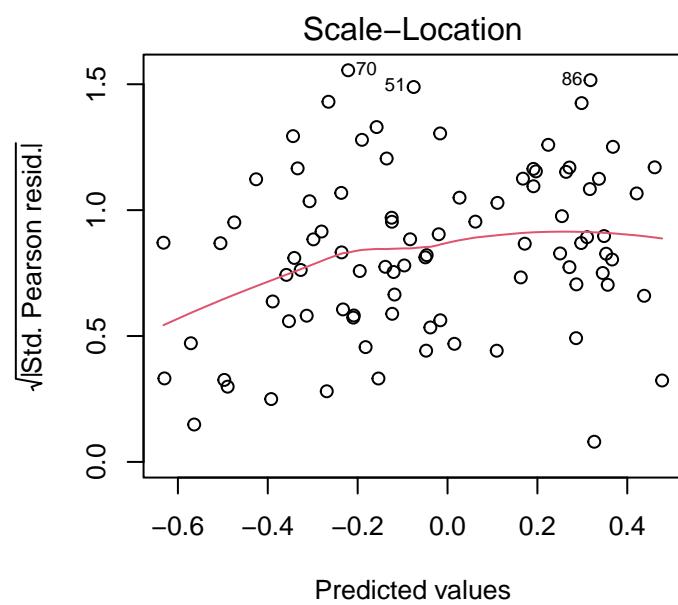
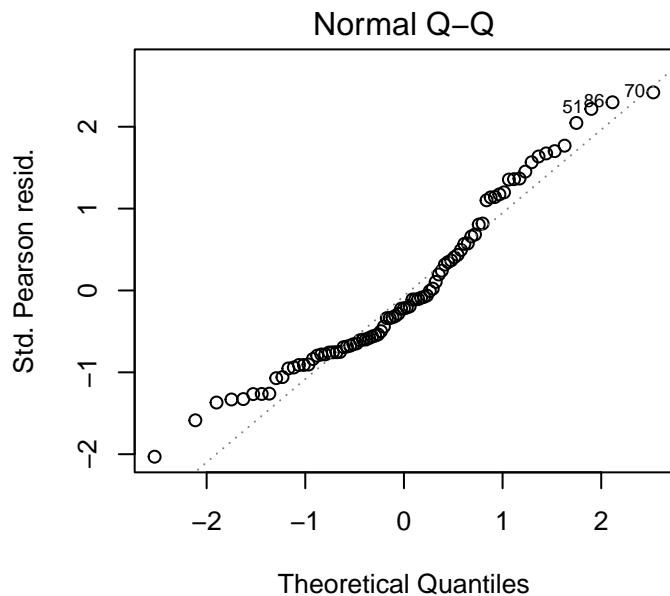
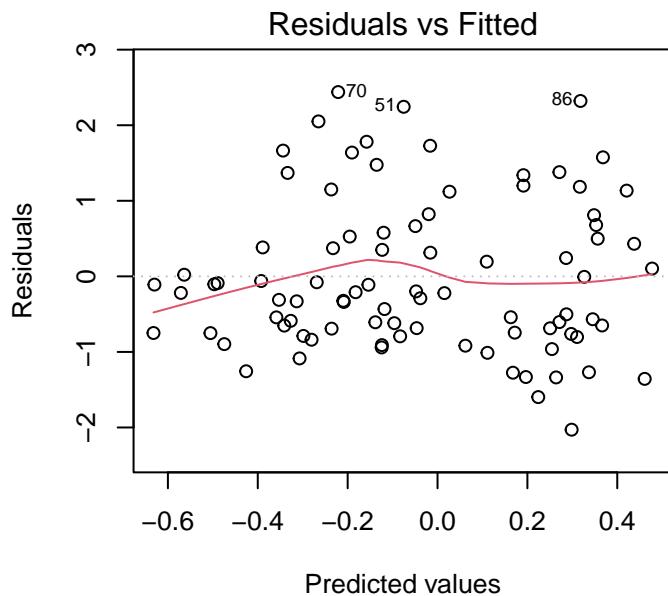
`glm(fric_ses ~ area + julian_date + temp + 1)`



`glm(fric_ses ~ area + julian_date + time_convert + 1)`

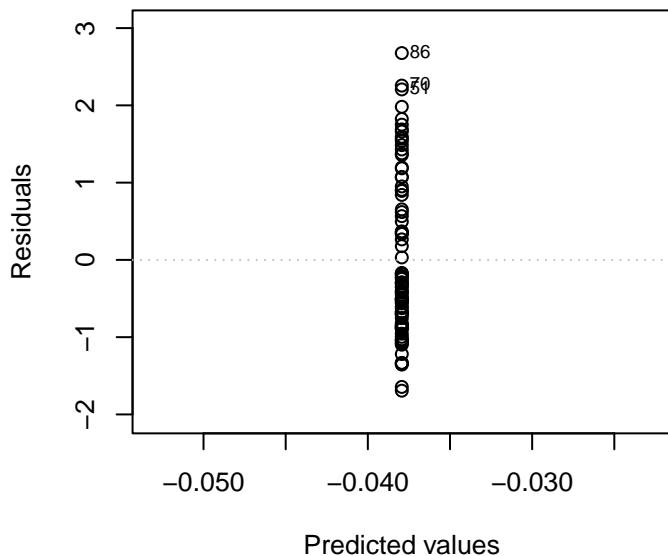


`glm(fric_ses ~ julian_date + temp + time_convert + 1)`

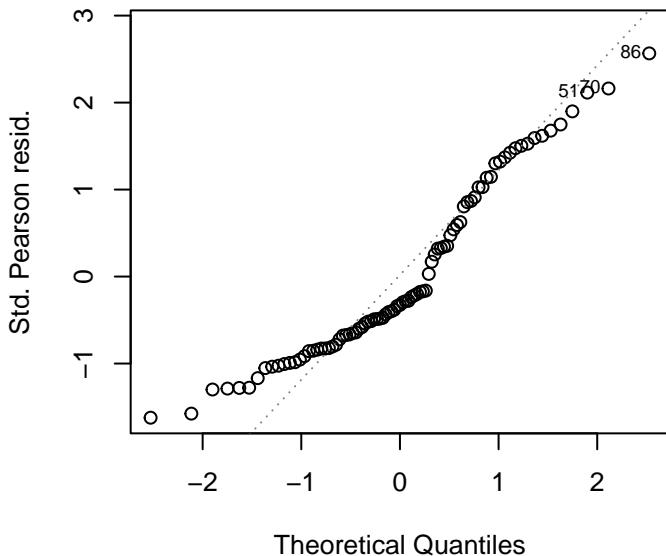


`glm(fric_ses ~ 1)`

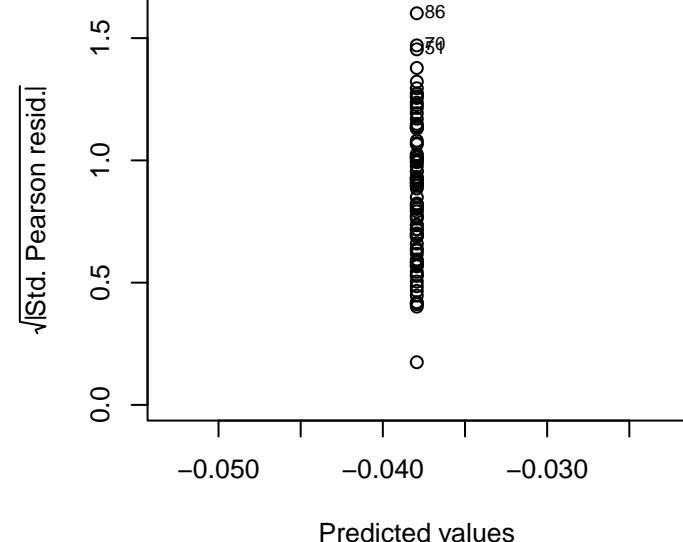
Residuals vs Fitted



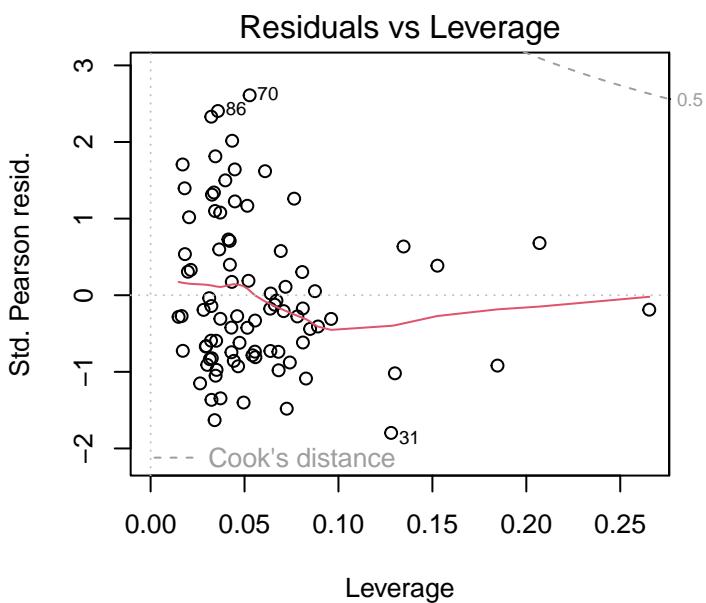
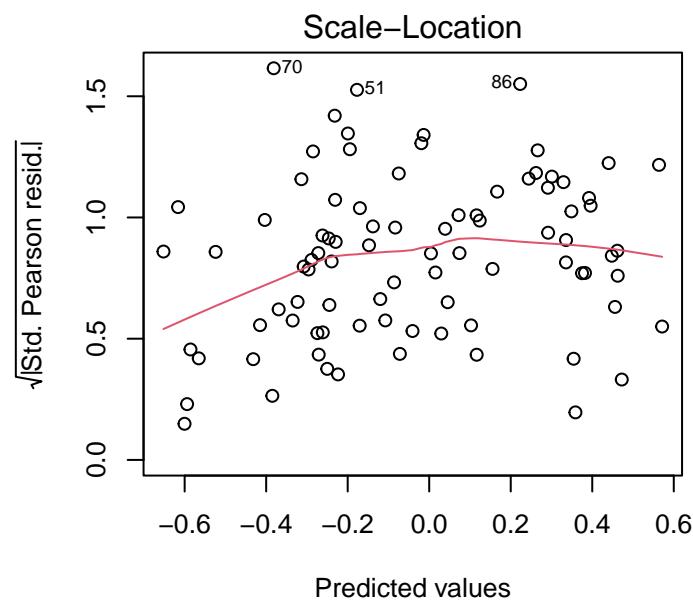
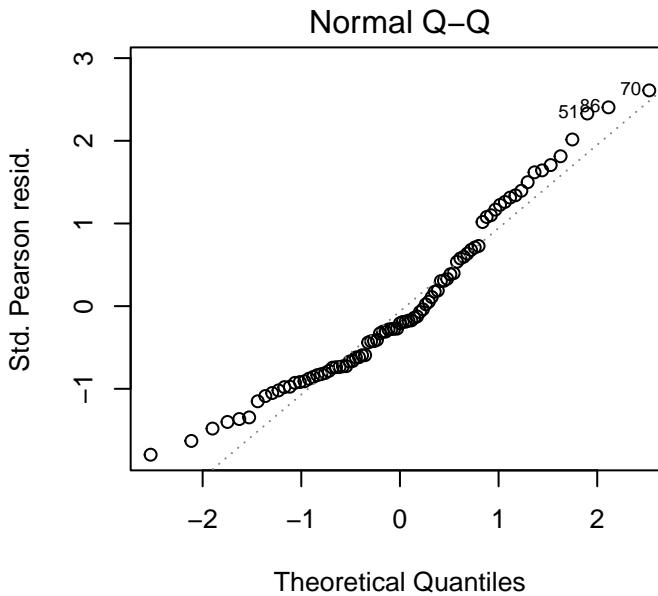
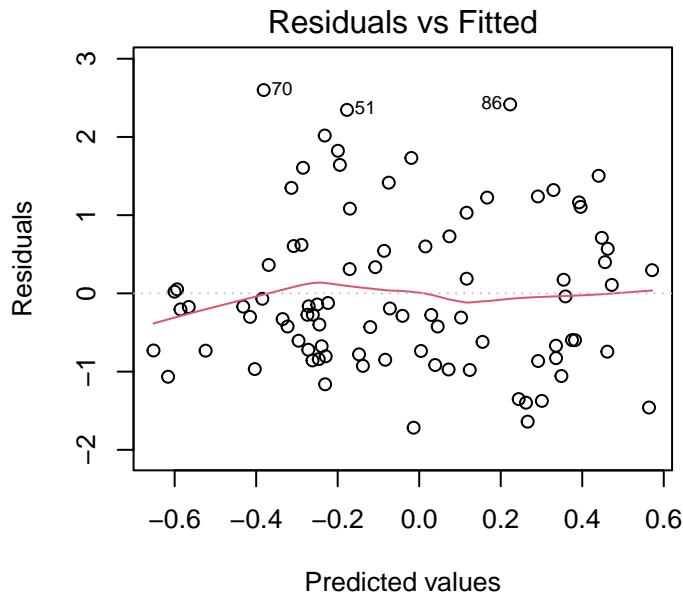
Normal Q-Q



Scale–Location

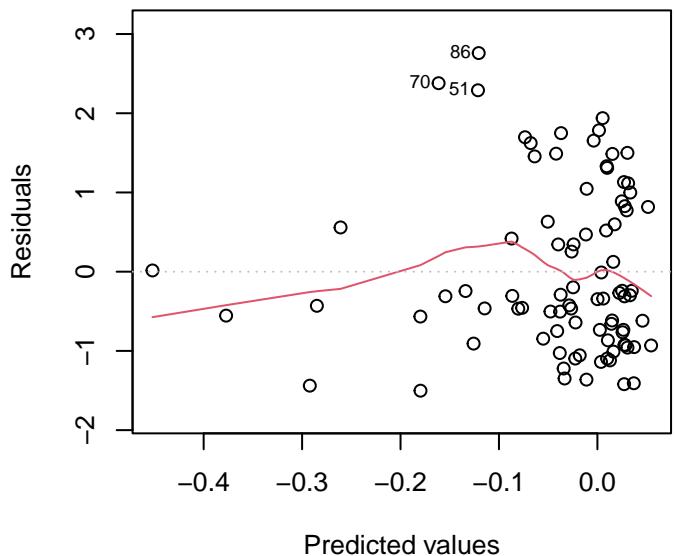


`glm(fric_ses ~ area + julian_date + temp + time_convert + 1)`

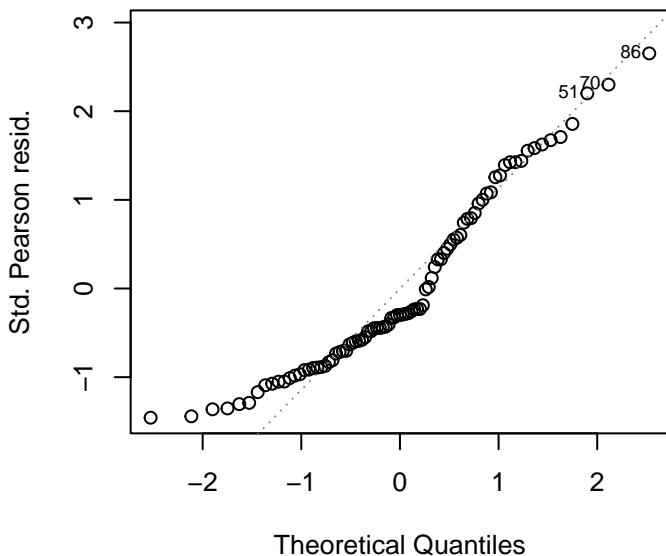


`glm(fric_ses ~ area + 1)`

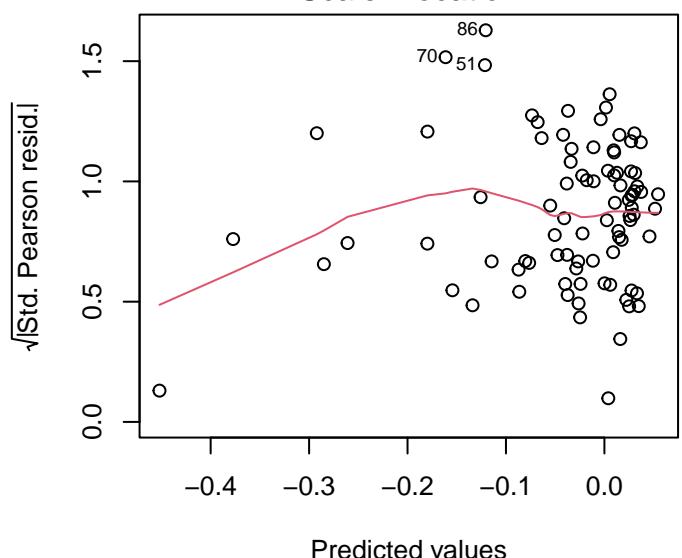
Residuals vs Fitted



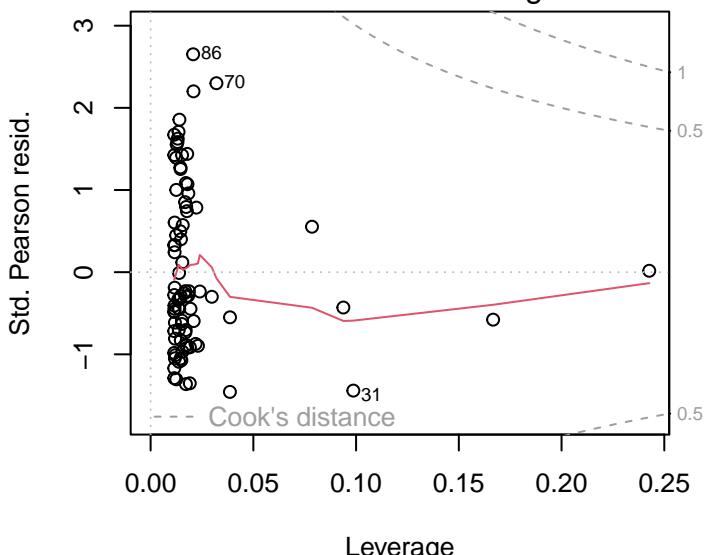
Normal Q–Q



Scale–Location



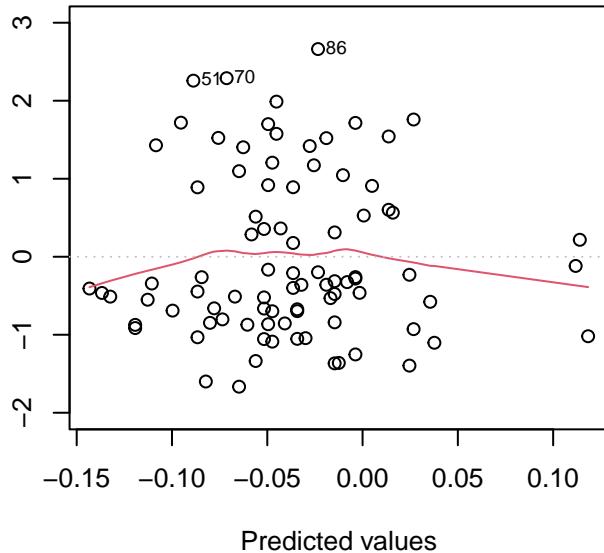
Residuals vs Leverage



$\text{glm}(\text{fric\_ses} \sim \text{temp} + 1)$

Residuals vs Fitted

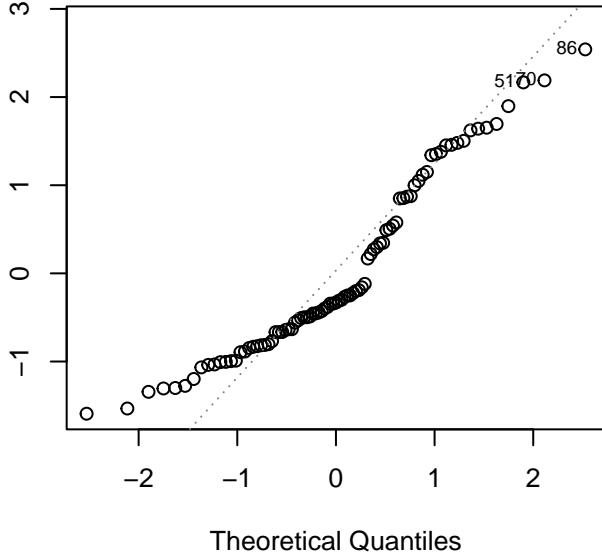
Residuals



Predicted values

Normal Q–Q

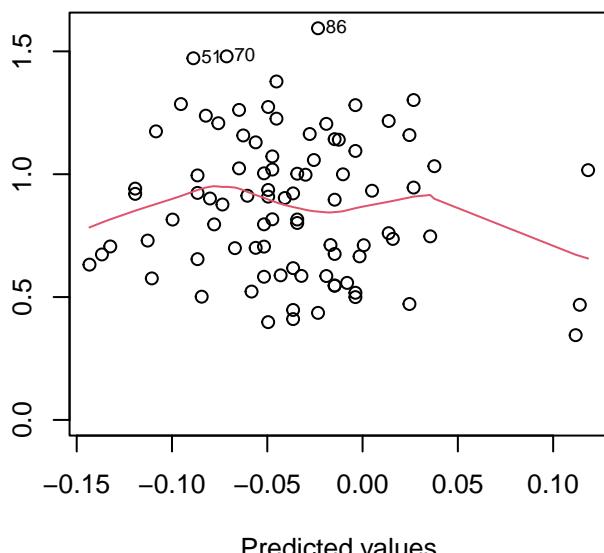
Std. Pearson resid.



Theoretical Quantiles

Scale–Location

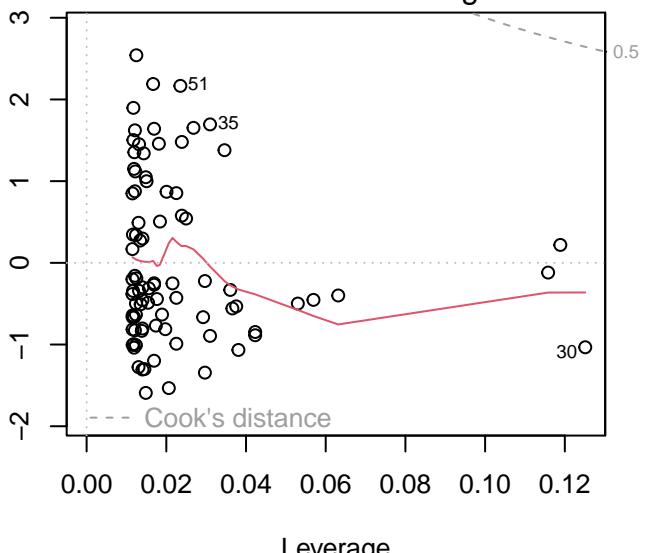
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

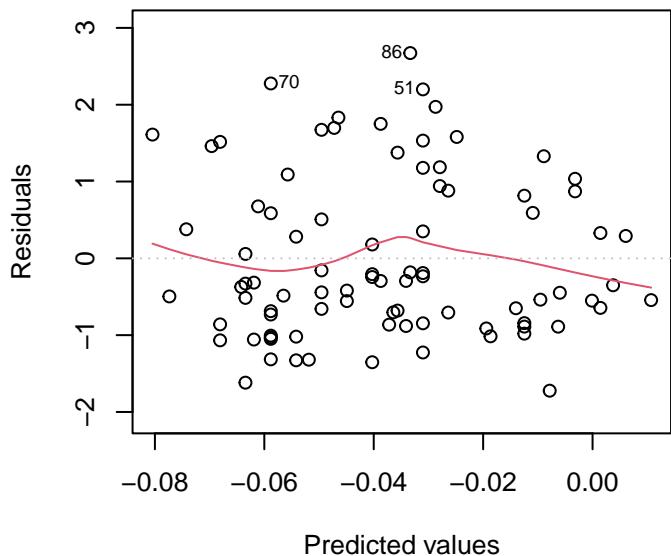
Std. Pearson resid.



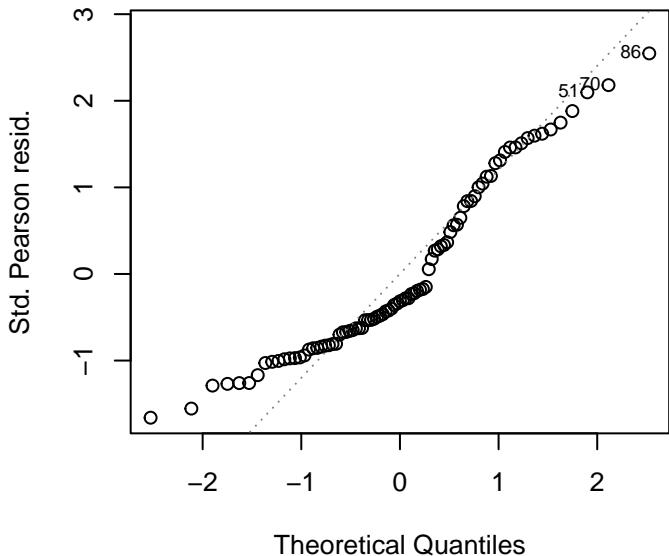
Leverage

`glm(fric_ses ~ time_convert + 1)`

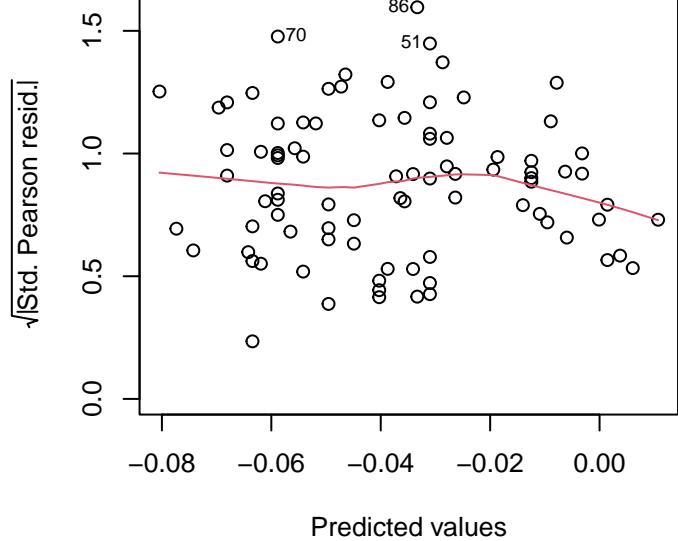
Residuals vs Fitted



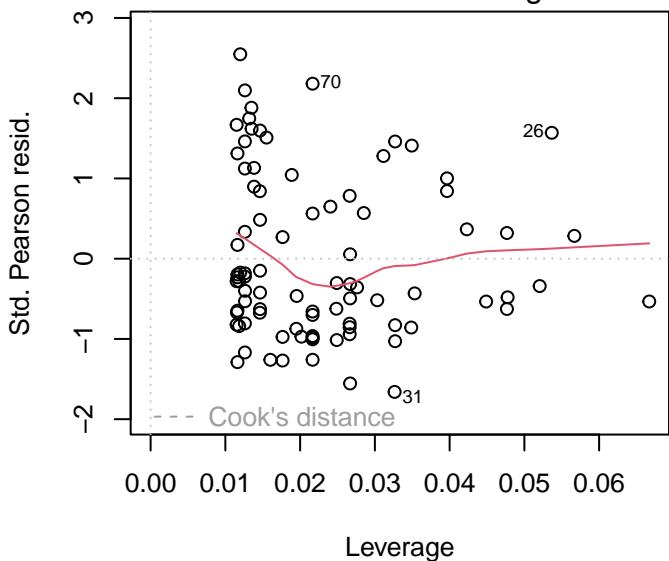
Normal Q–Q



Scale–Location

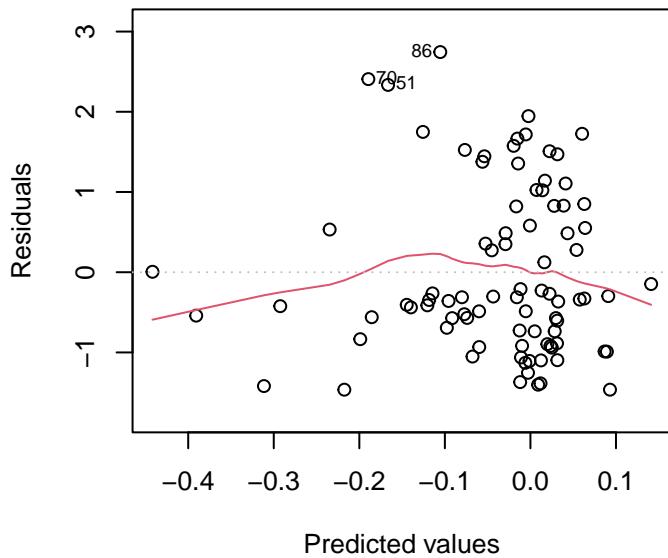


Residuals vs Leverage

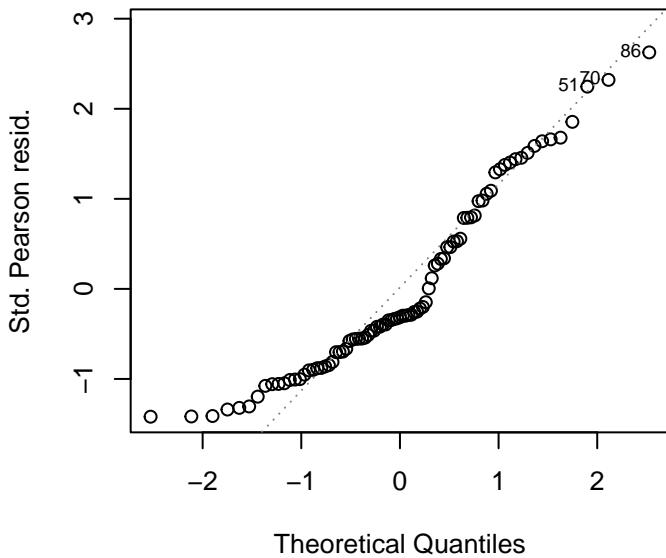


`glm(fric_ses ~ area + temp + 1)`

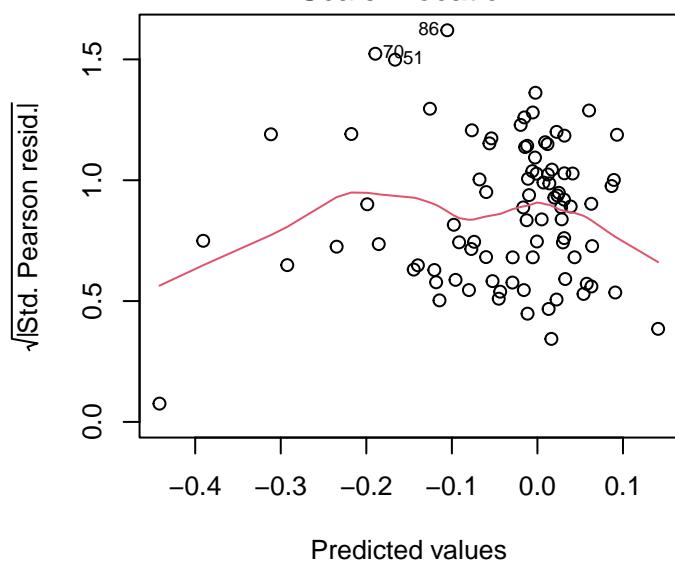
Residuals vs Fitted



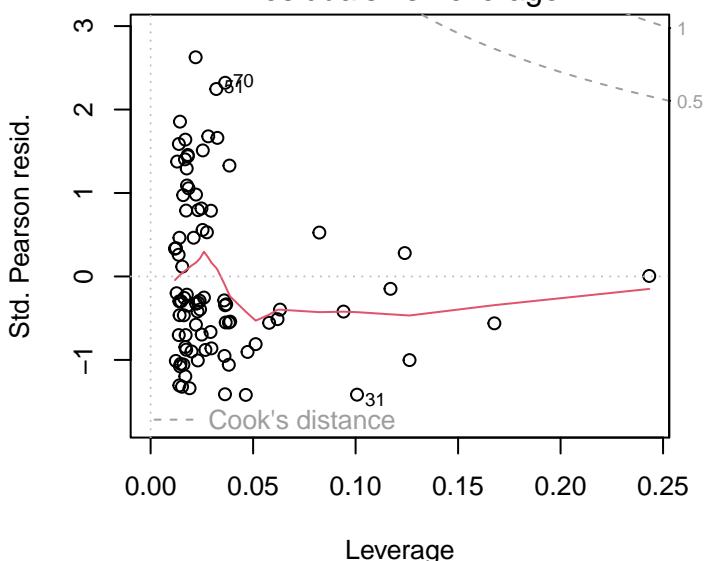
Normal Q–Q



Scale–Location

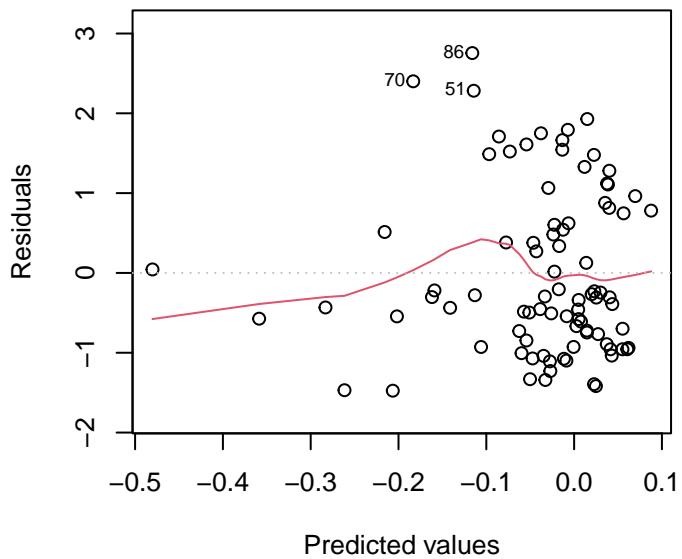


Residuals vs Leverage

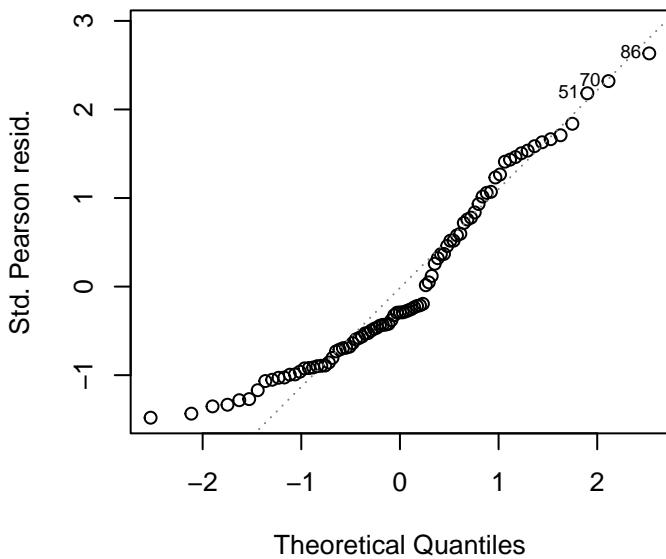


`glm(fric_ses ~ area + time_convert + 1)`

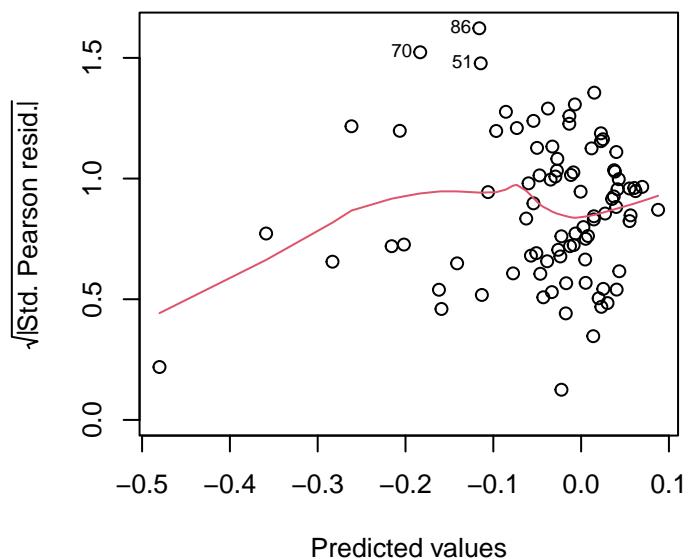
Residuals vs Fitted



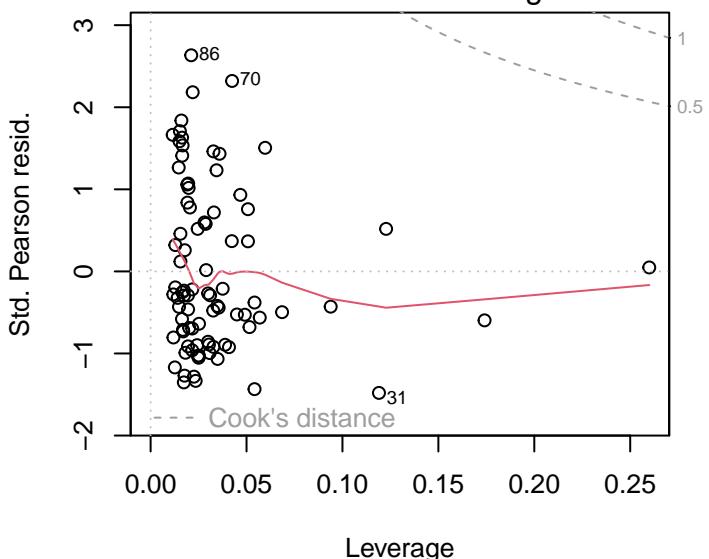
Normal Q–Q



Scale–Location



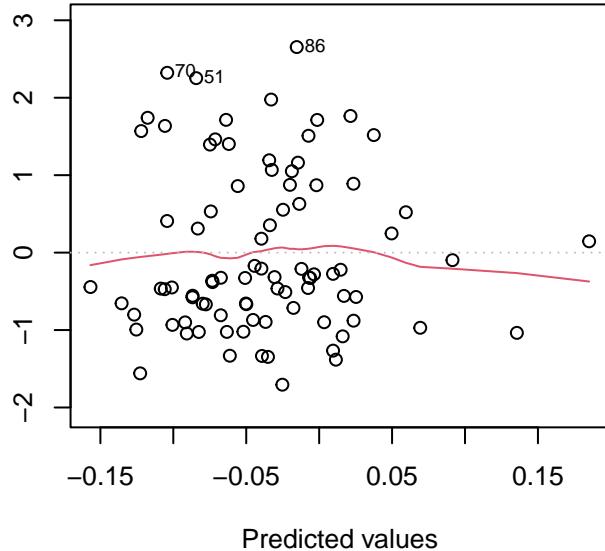
Residuals vs Leverage



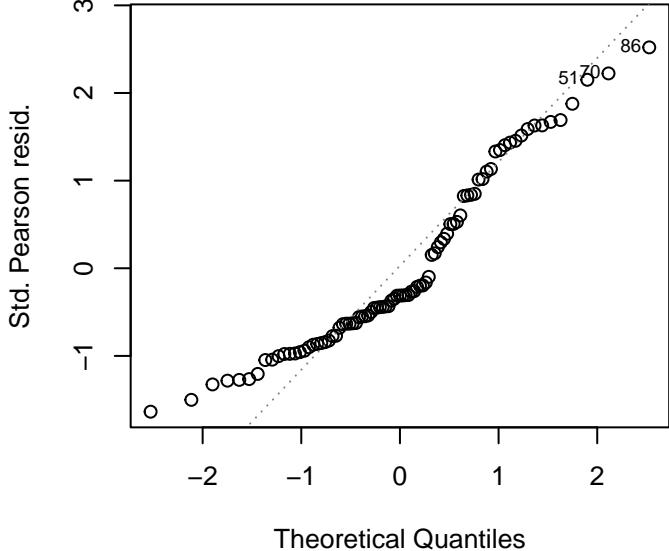
`glm(fric_ses ~ temp + time_convert + 1)`

Residuals vs Fitted

Residuals

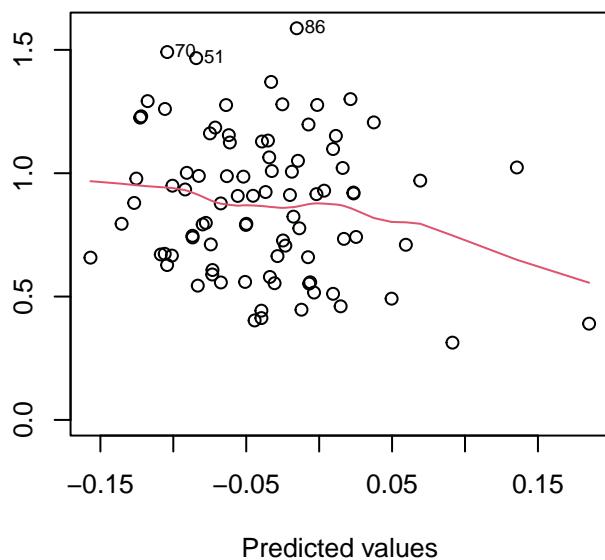


Normal Q–Q

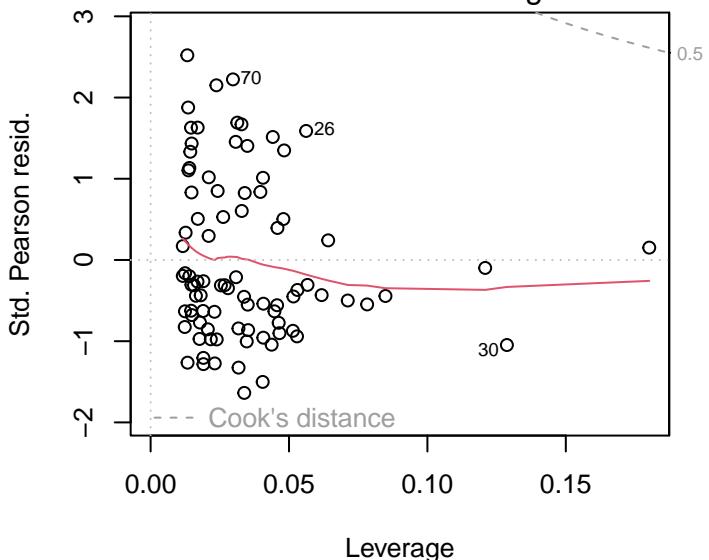


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

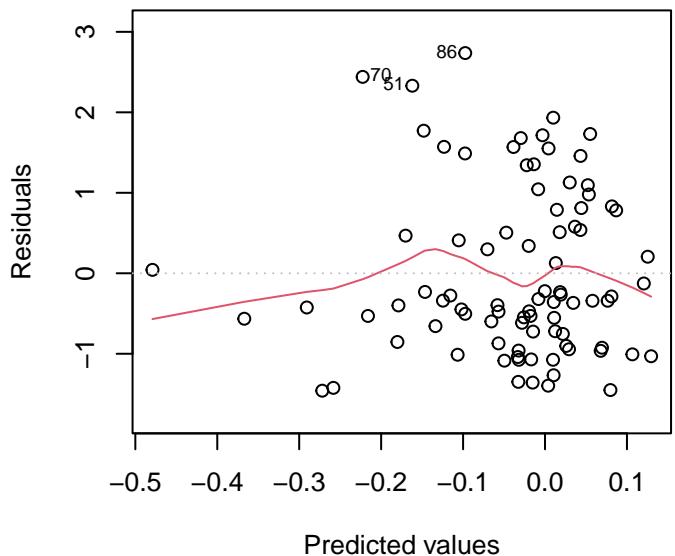


Residuals vs Leverage

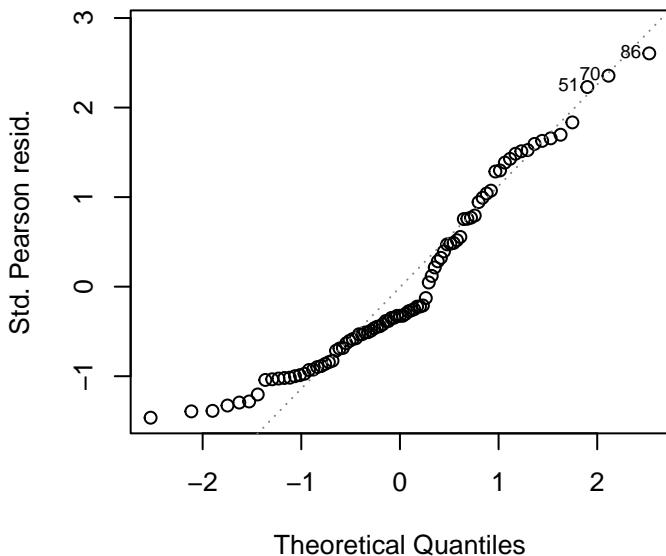


`glm(fric_ses ~ area + temp + time_convert + 1)`

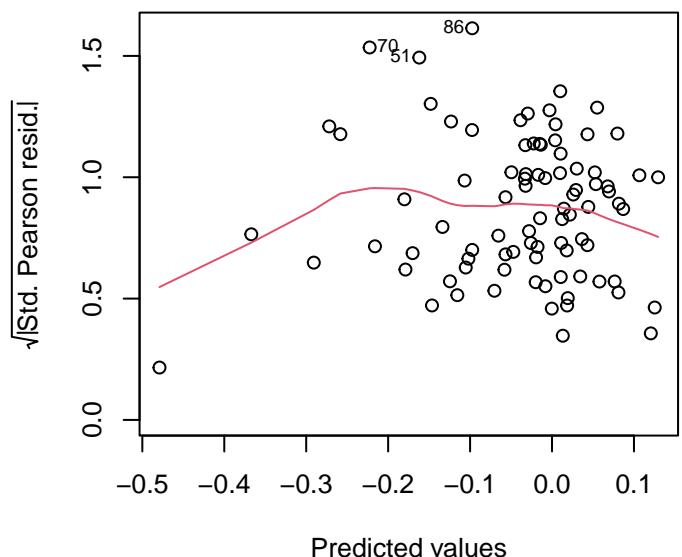
Residuals vs Fitted



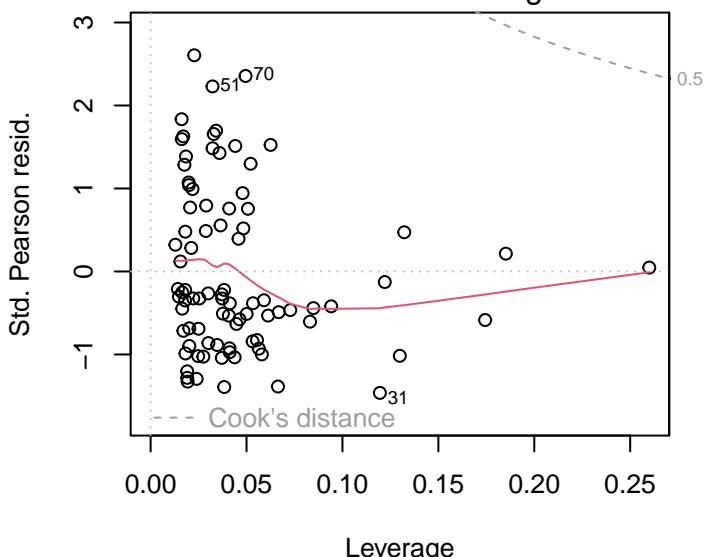
Normal Q–Q



Scale–Location

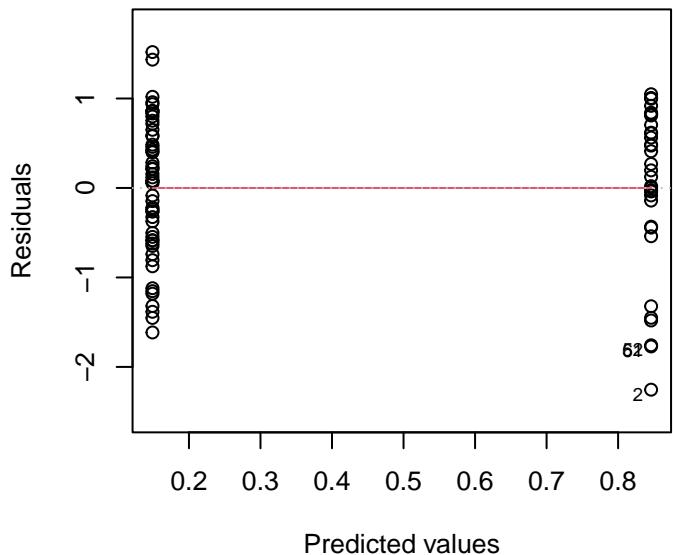


Residuals vs Leverage

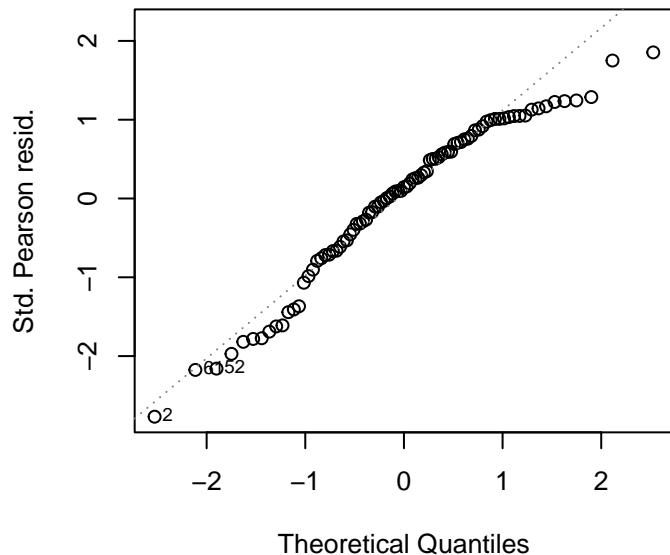


`glm(fdis_ses ~ fish + 1)`

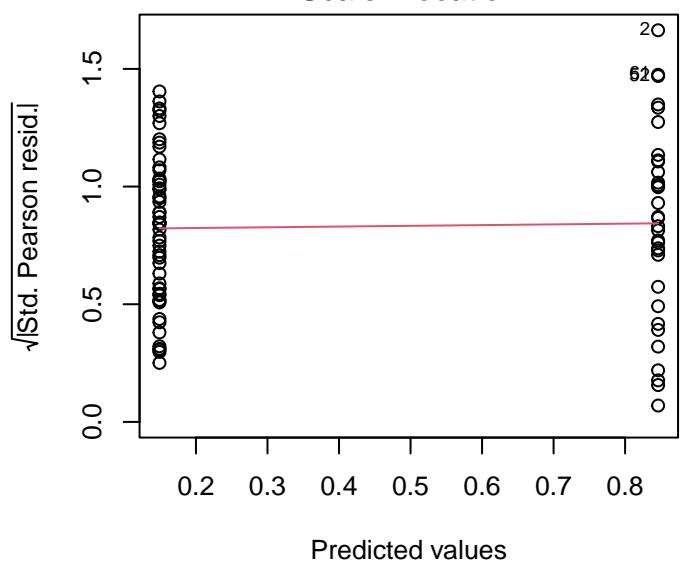
Residuals vs Fitted



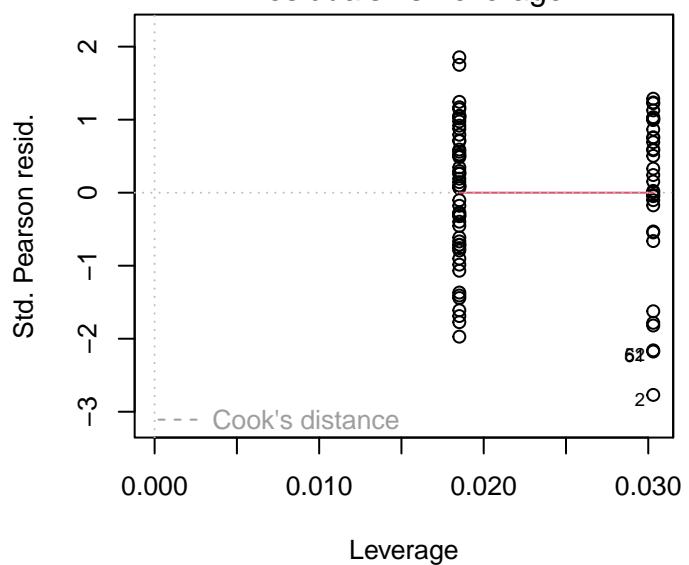
Normal Q–Q



Scale–Location

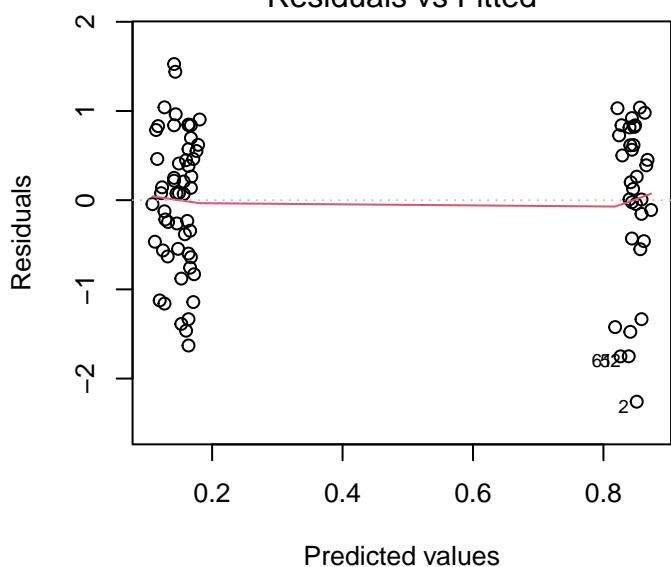


Residuals vs Leverage

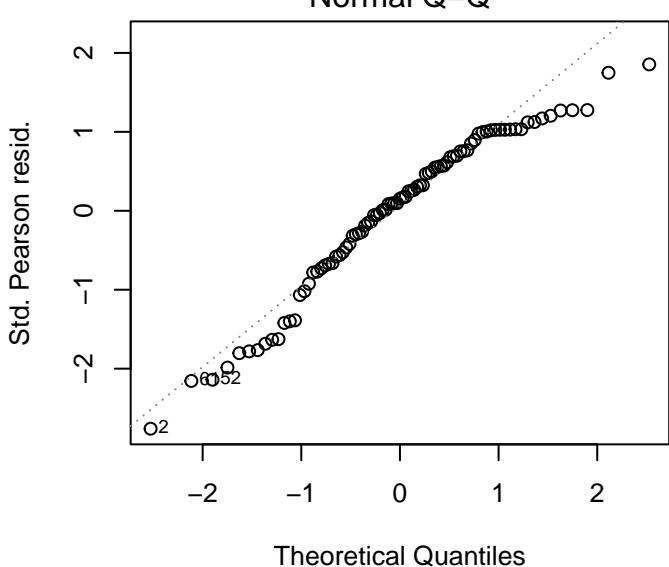


`glm(fdis_ses ~ fish + time_convert + 1)`

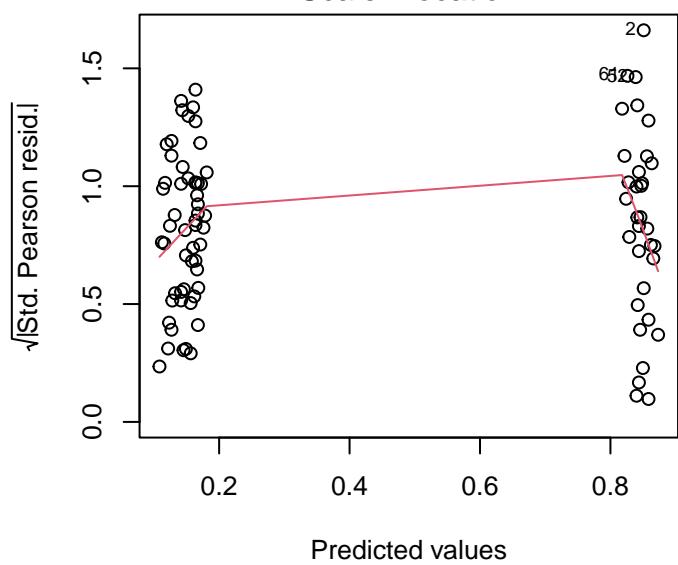
Residuals vs Fitted



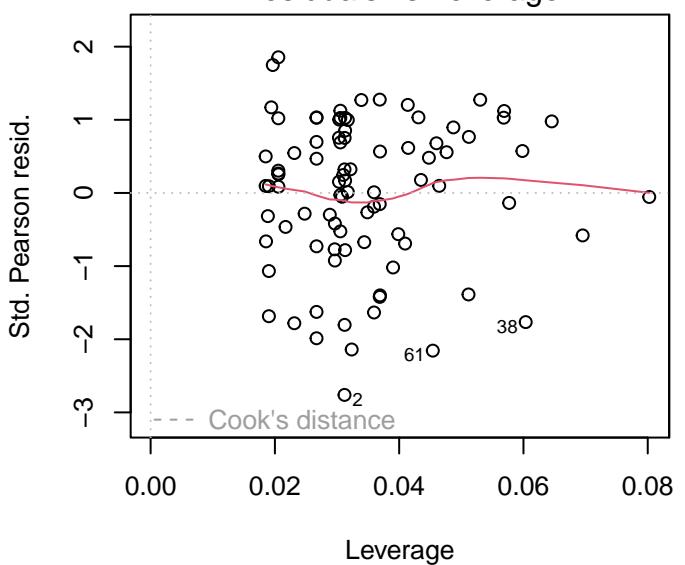
Normal Q–Q



Scale–Location

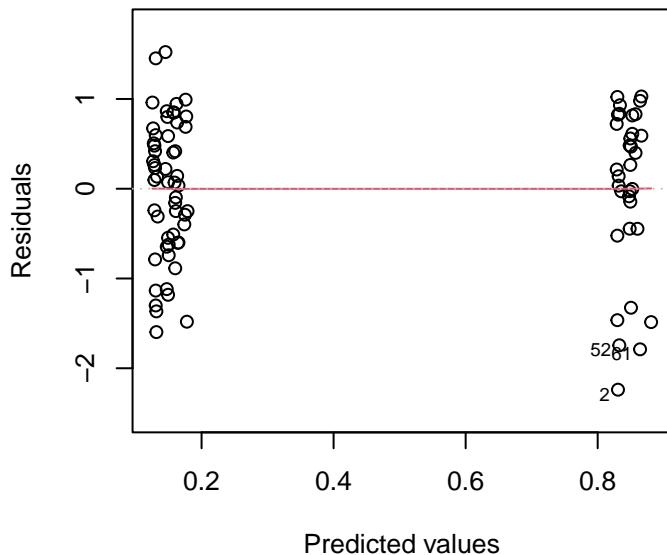


Residuals vs Leverage

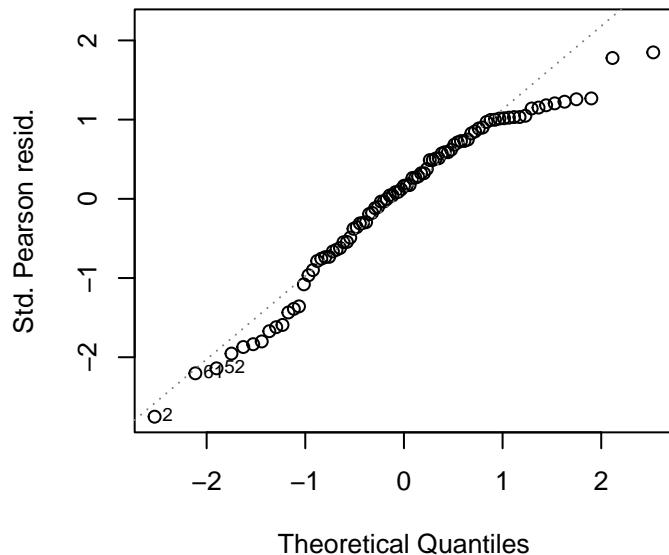


`glm(fdis_ses ~ fish + julian_date + 1)`

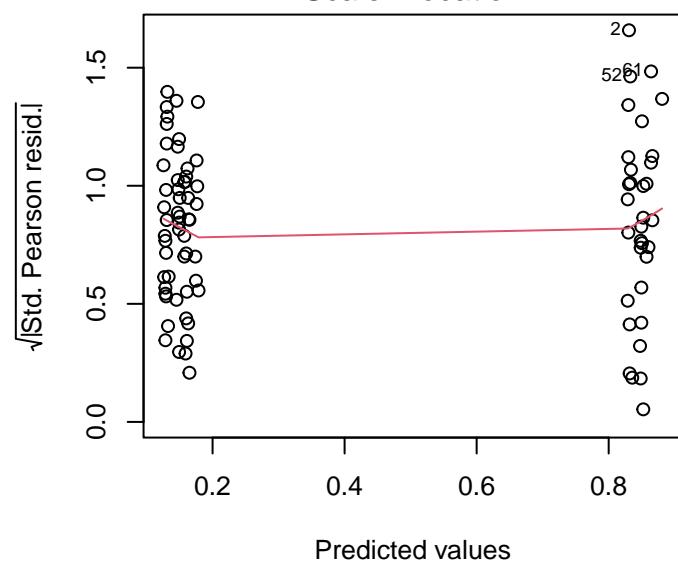
Residuals vs Fitted



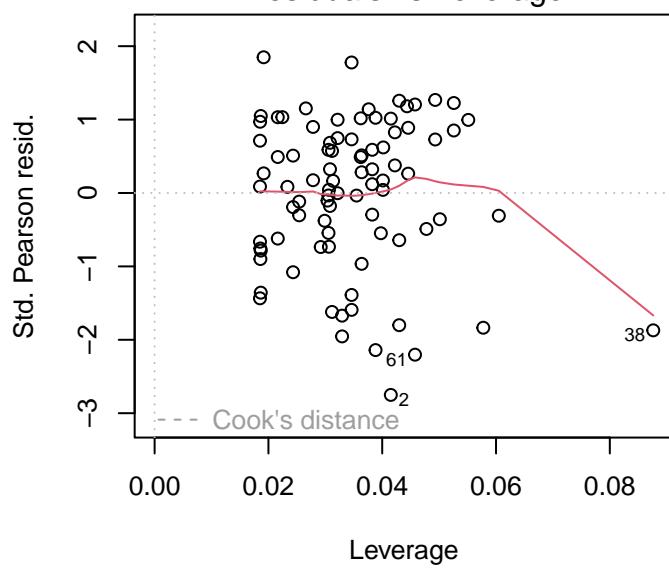
Normal Q-Q



Scale–Location

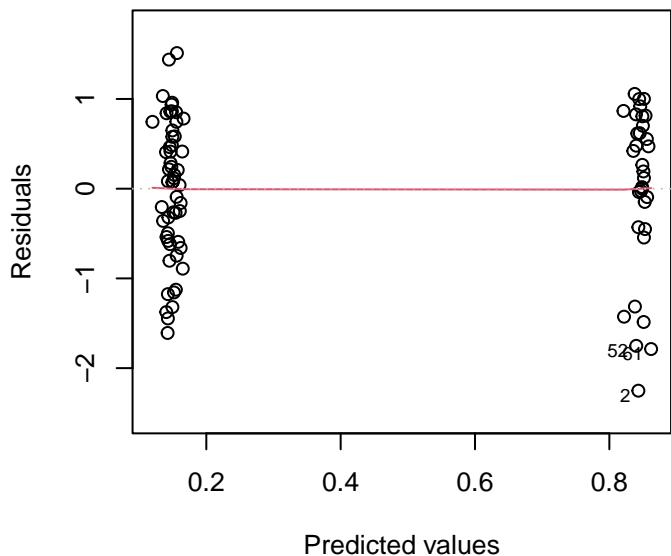


Residuals vs Leverage

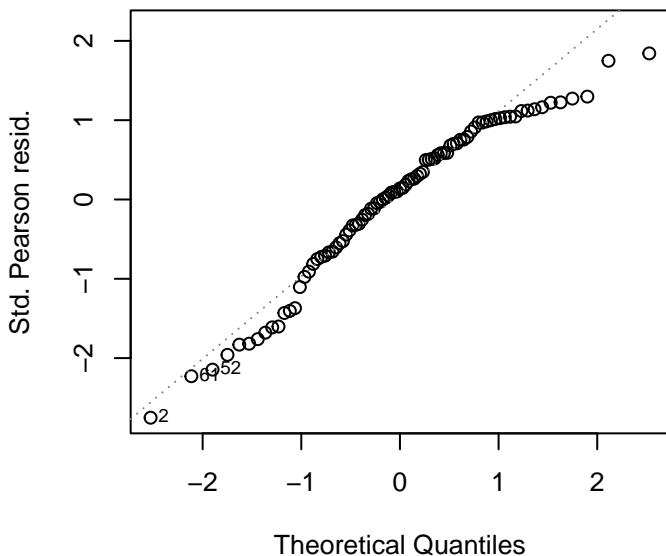


`glm(fdis_ses ~ fish + temp + 1)`

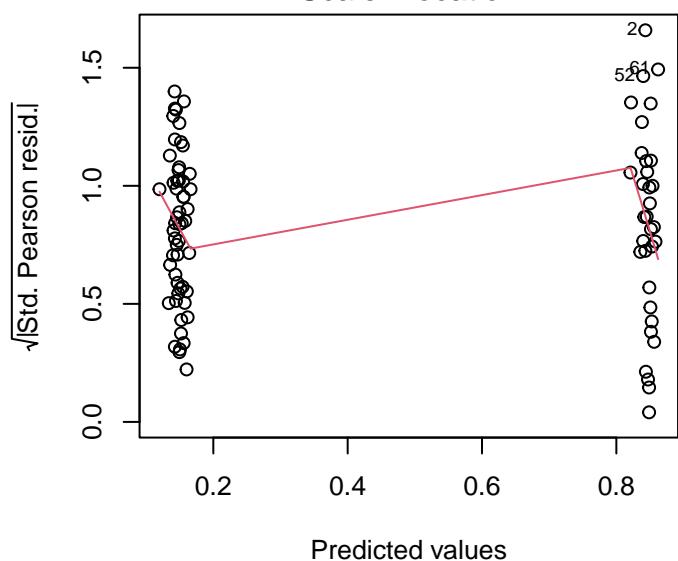
Residuals vs Fitted



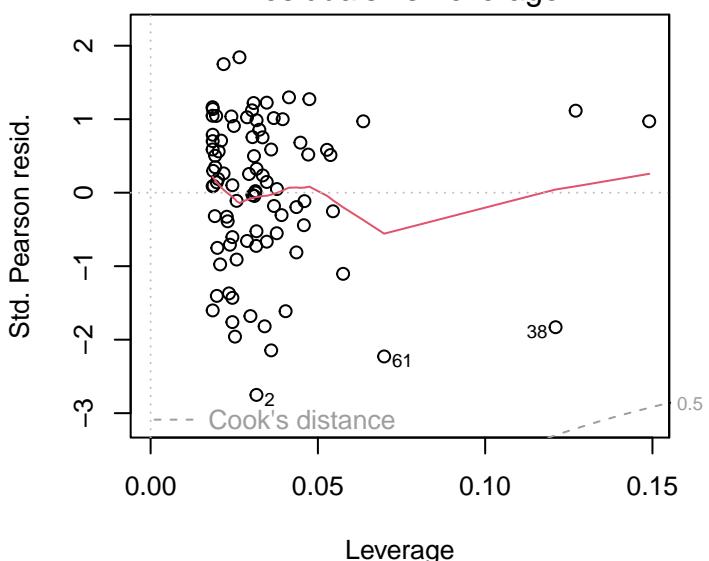
Normal Q-Q



Scale–Location

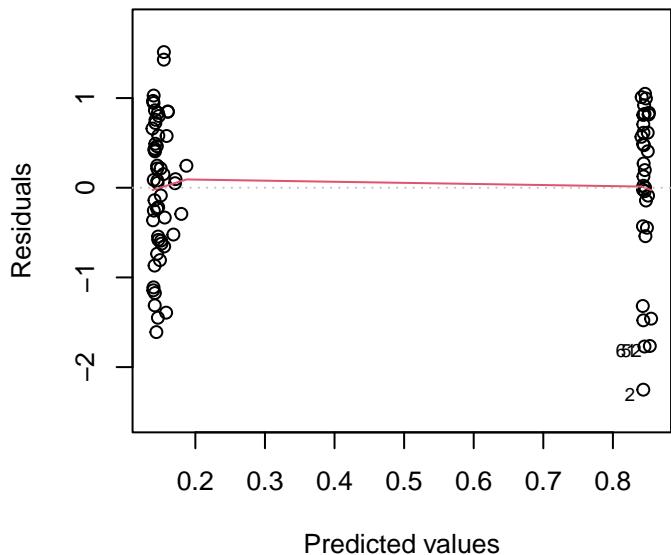


Residuals vs Leverage

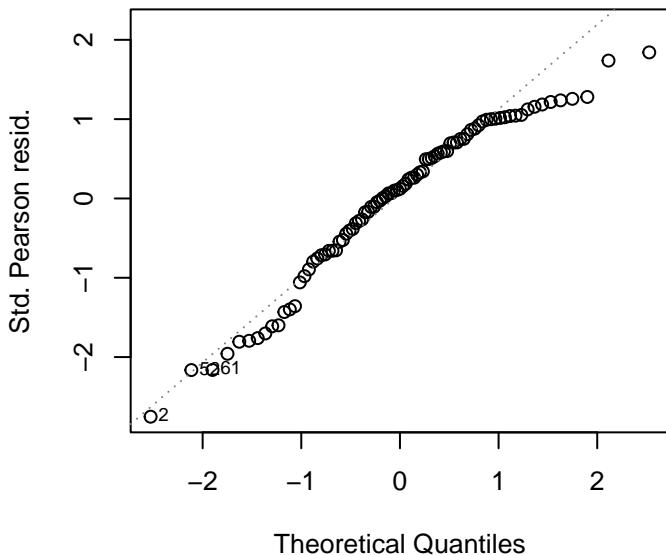


`glm(fdis_ses ~ area + fish + 1)`

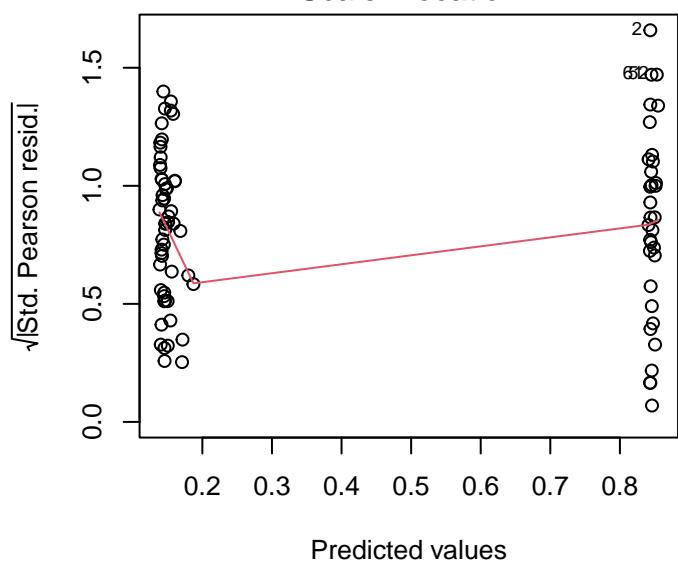
Residuals vs Fitted



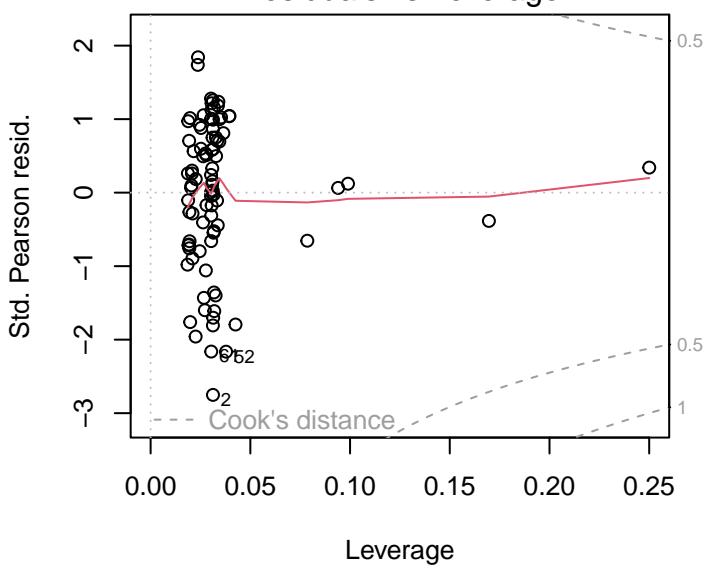
Normal Q-Q



Scale–Location

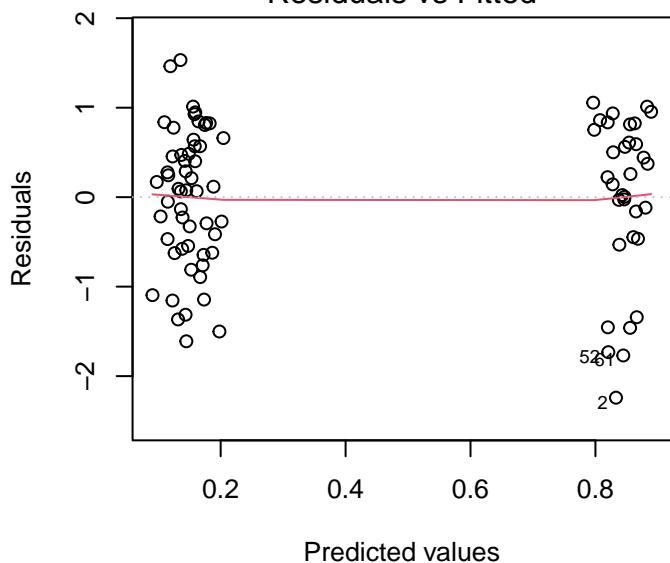


Residuals vs Leverage

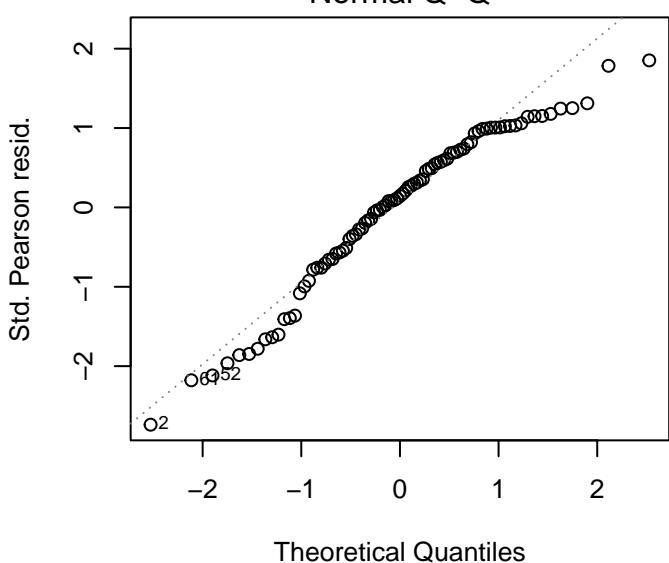


`glm(fdis_ses ~ fish + julian_date + time_convert + 1)`

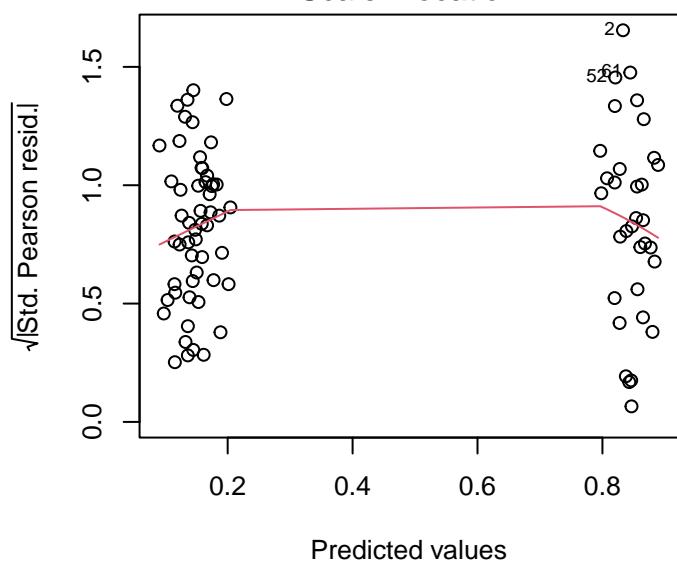
Residuals vs Fitted



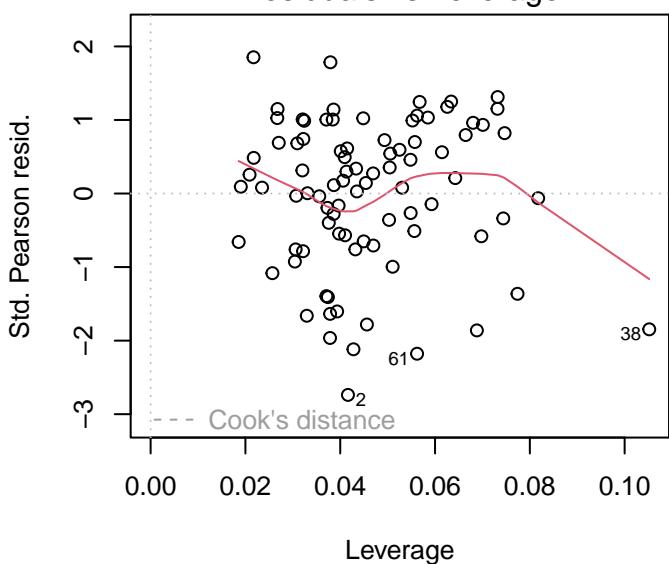
Normal Q–Q



Scale–Location

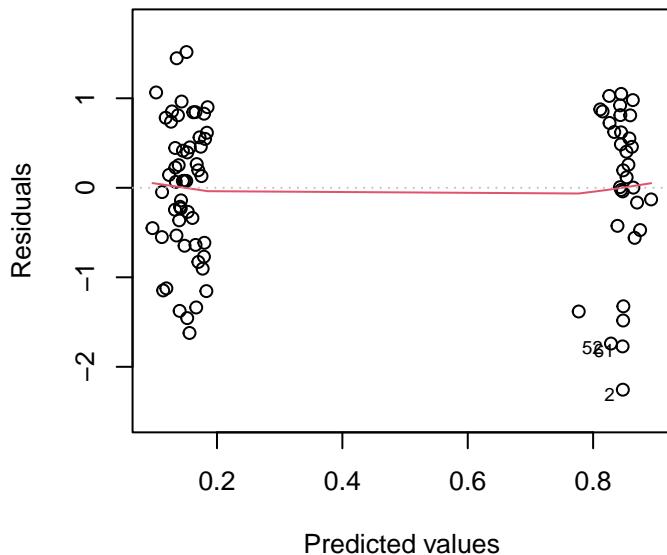


Residuals vs Leverage

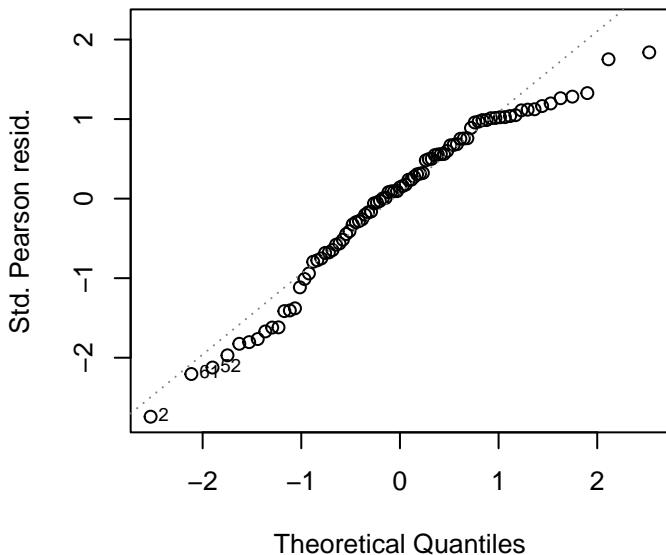


`glm(fdis_ses ~ fish + temp + time_convert + 1)`

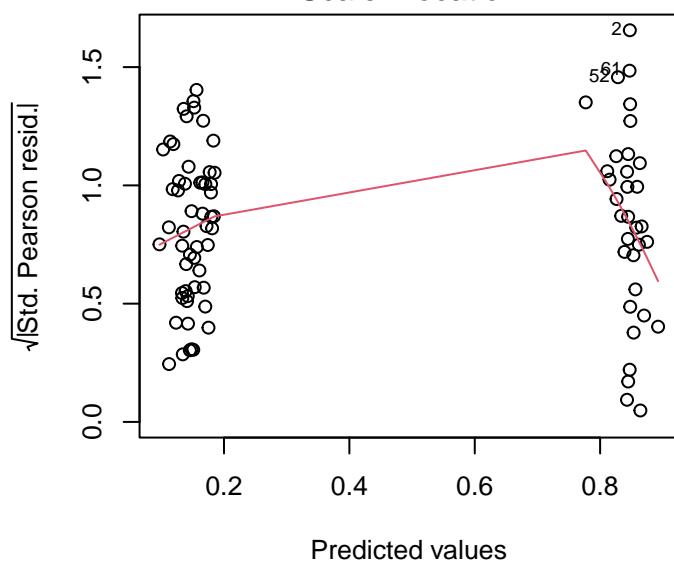
Residuals vs Fitted



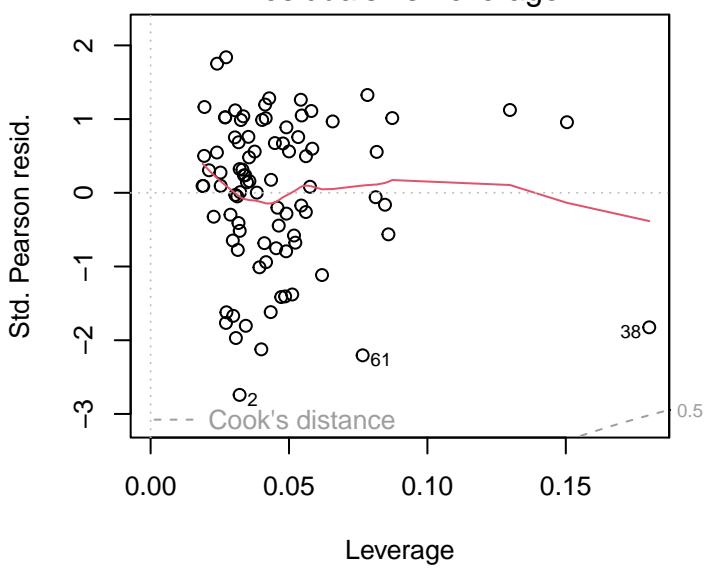
Normal Q–Q



Scale–Location

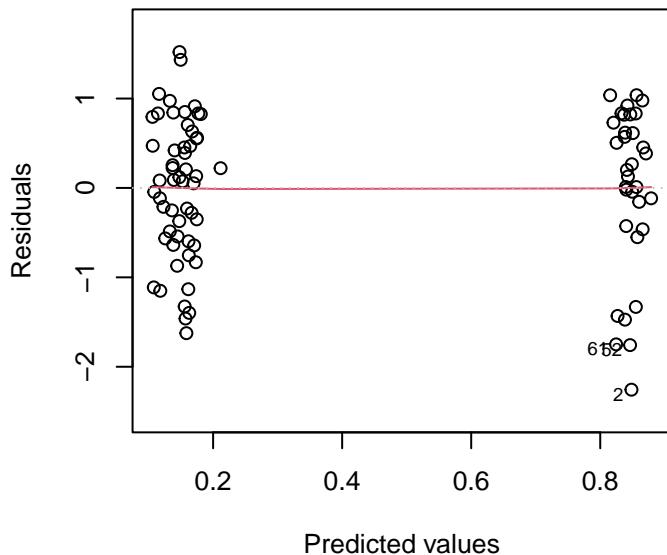


Residuals vs Leverage

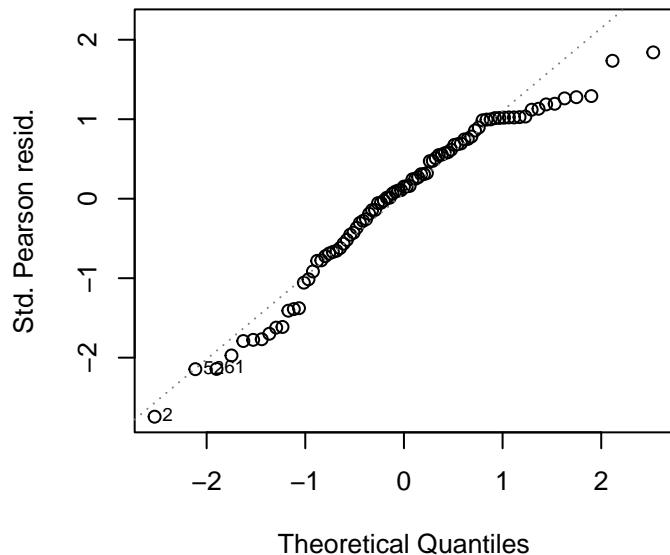


`glm(fdis_ses ~ area + fish + time_convert + 1)`

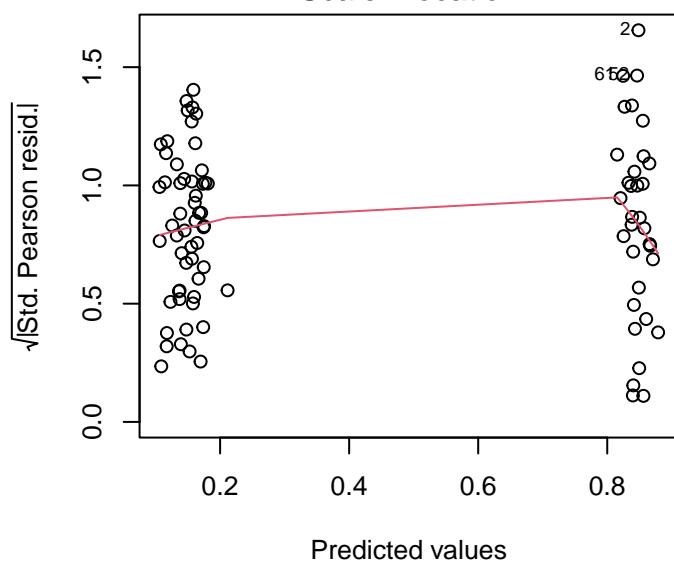
Residuals vs Fitted



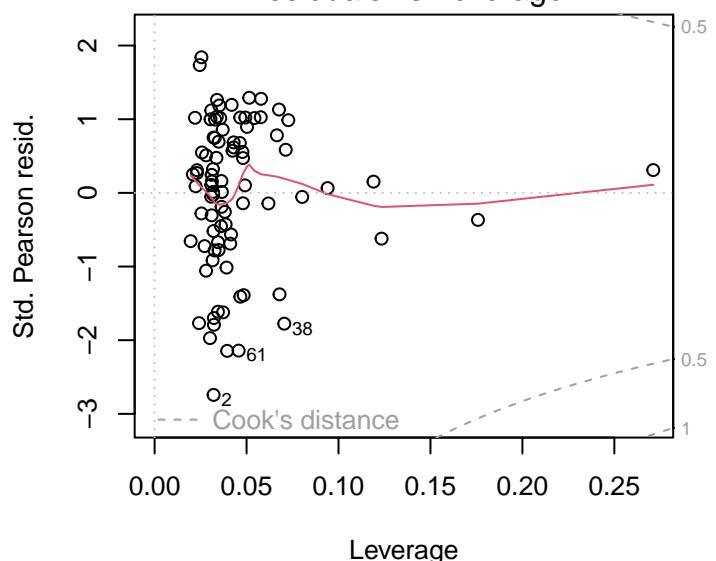
Normal Q–Q



Scale–Location



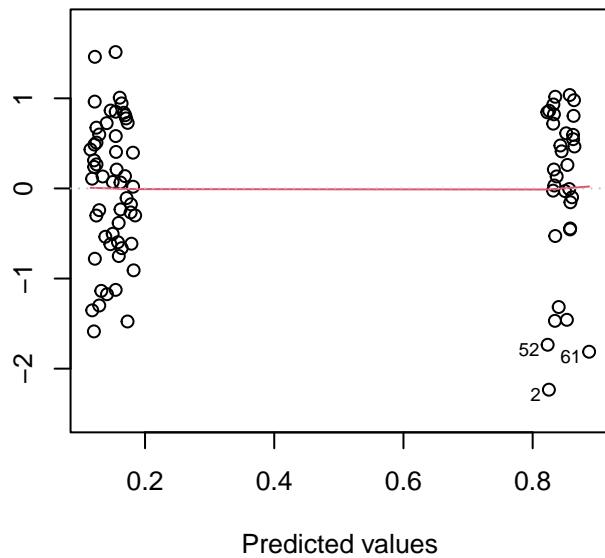
Residuals vs Leverage



`glm(fdis_ses ~ fish + julian_date + temp + 1)`

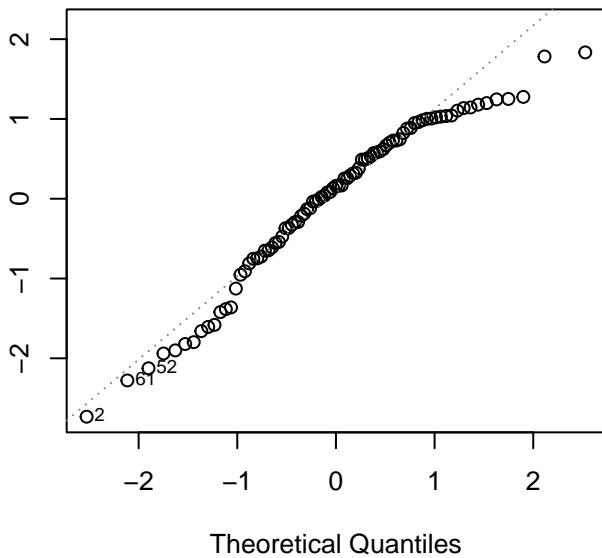
Residuals vs Fitted

Residuals



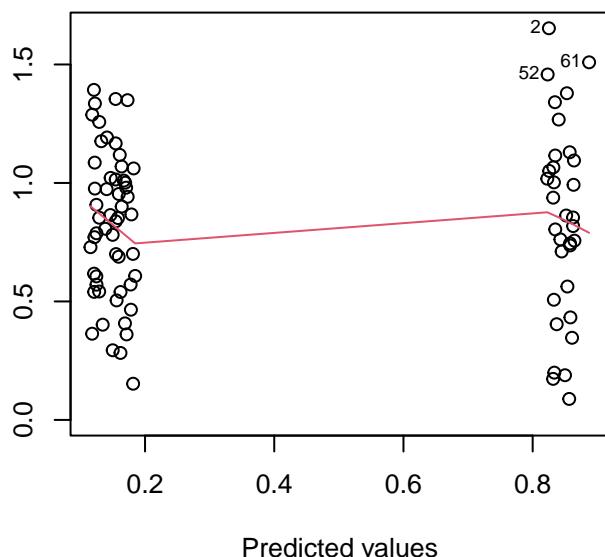
Normal Q–Q

Std. Pearson resid.



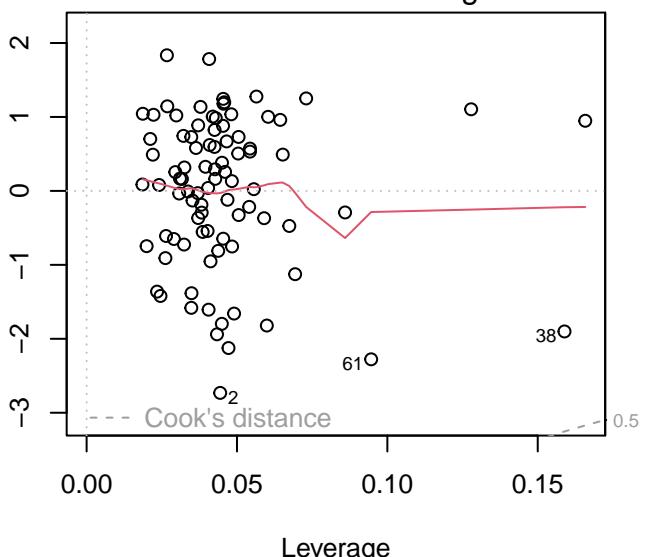
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage

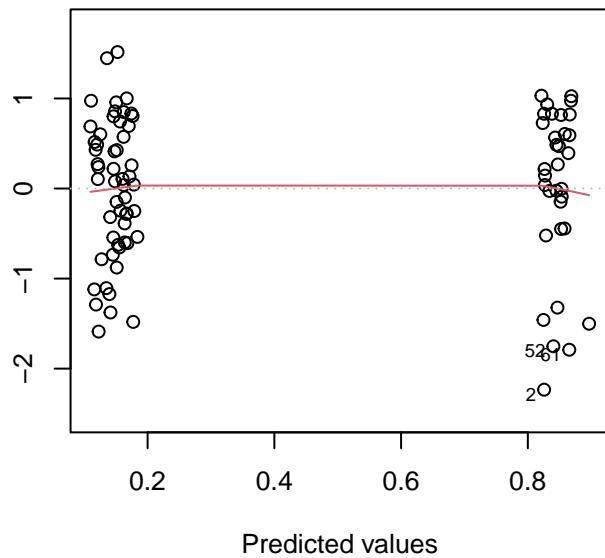
Std. Pearson resid.



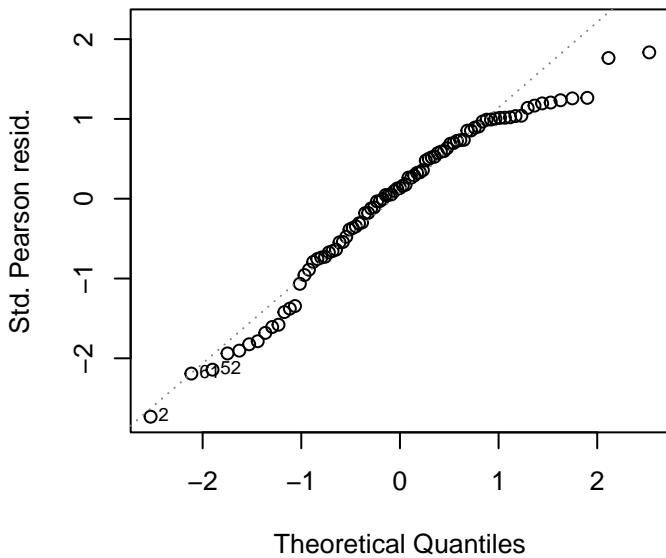
`glm(fdis_ses ~ area + fish + julian_date + 1)`

Residuals vs Fitted

Residuals

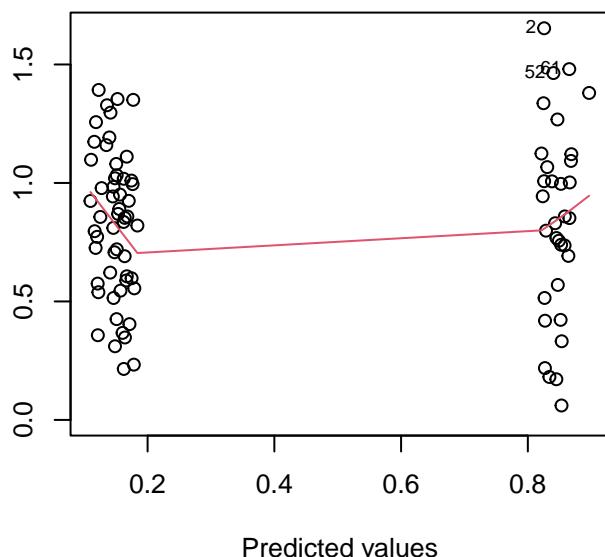


Normal Q-Q

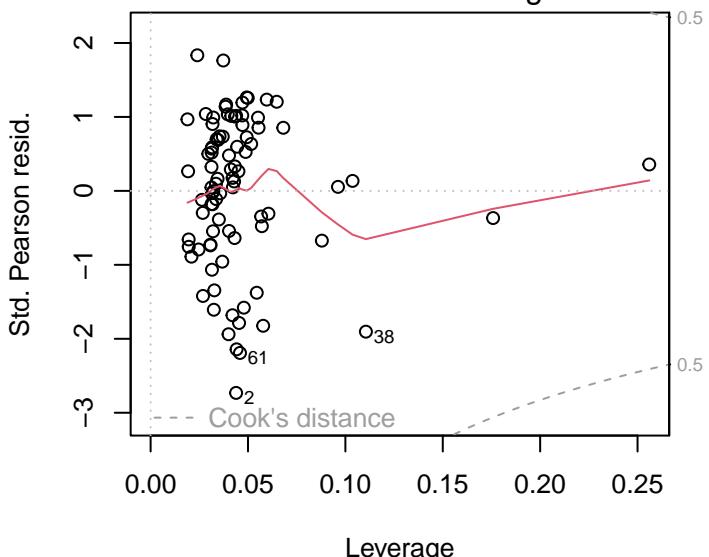


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

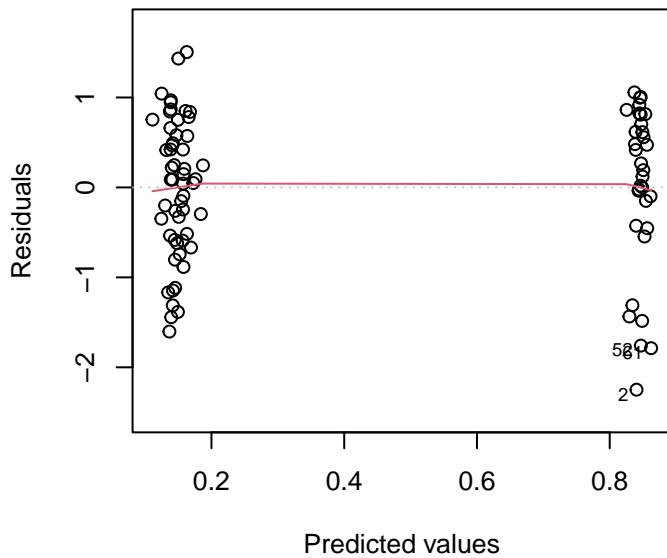


Residuals vs Leverage

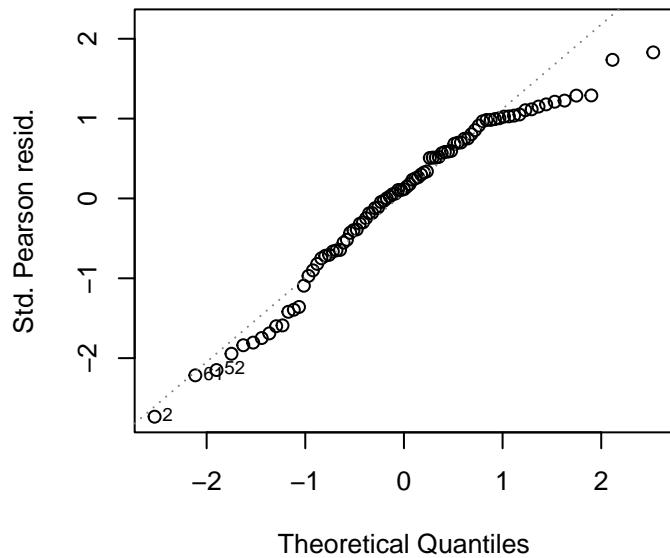


`glm(fdis_ses ~ area + fish + temp + 1)`

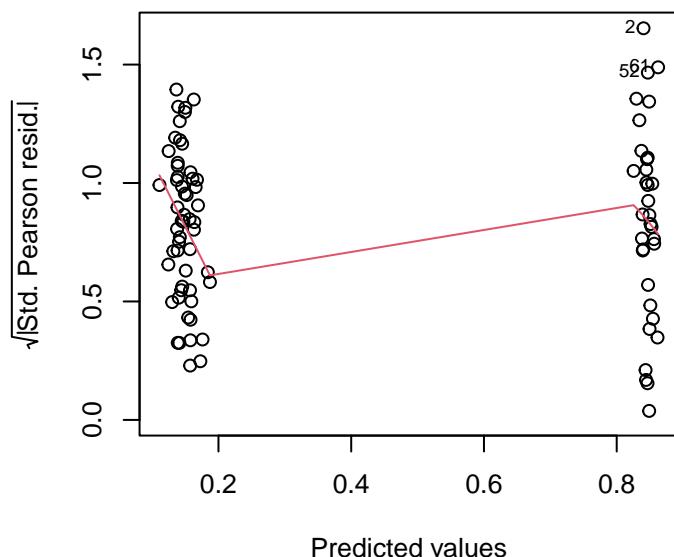
Residuals vs Fitted



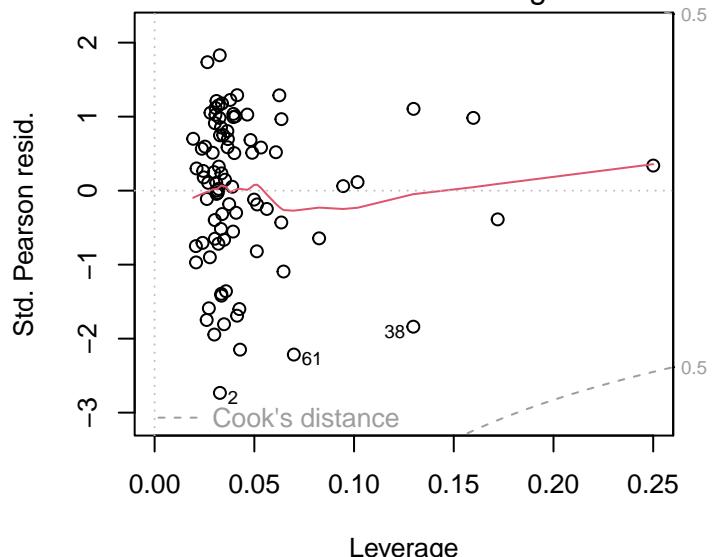
Normal Q-Q



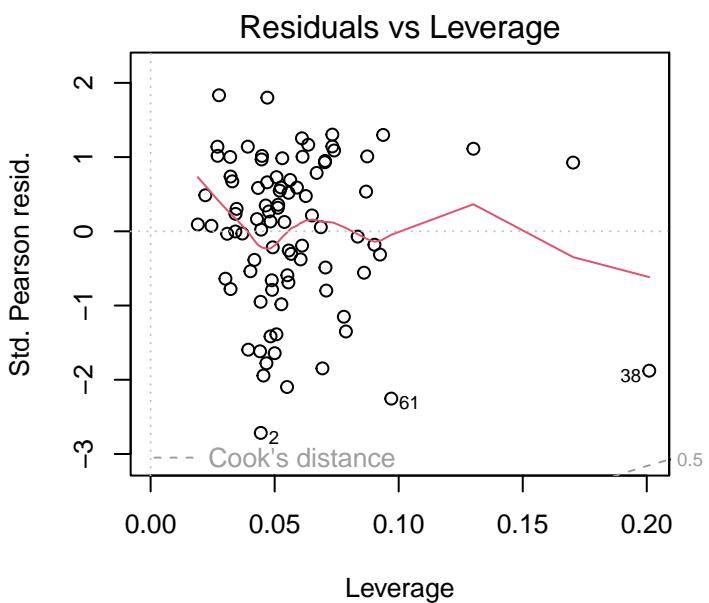
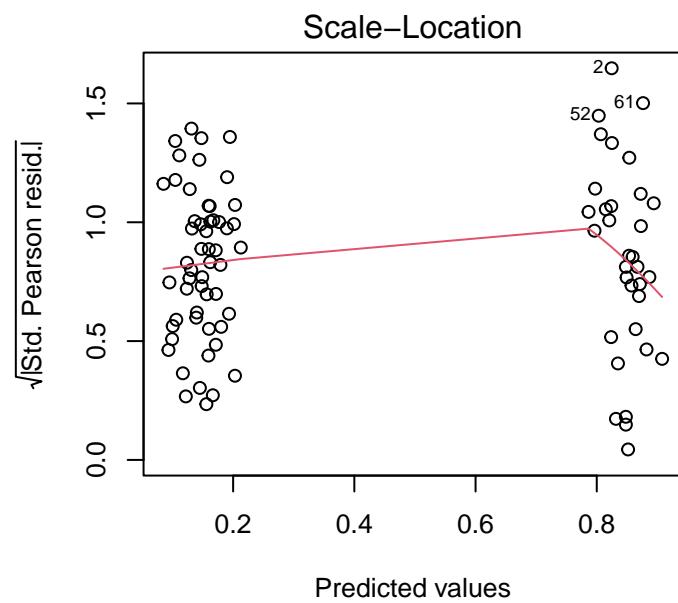
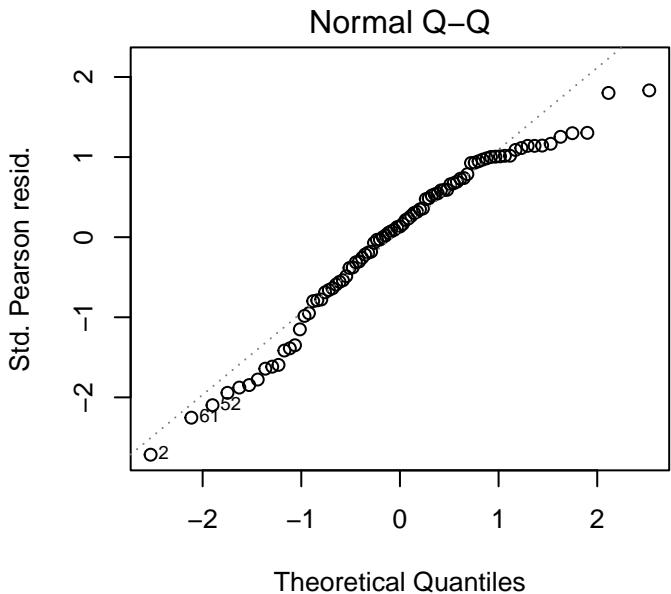
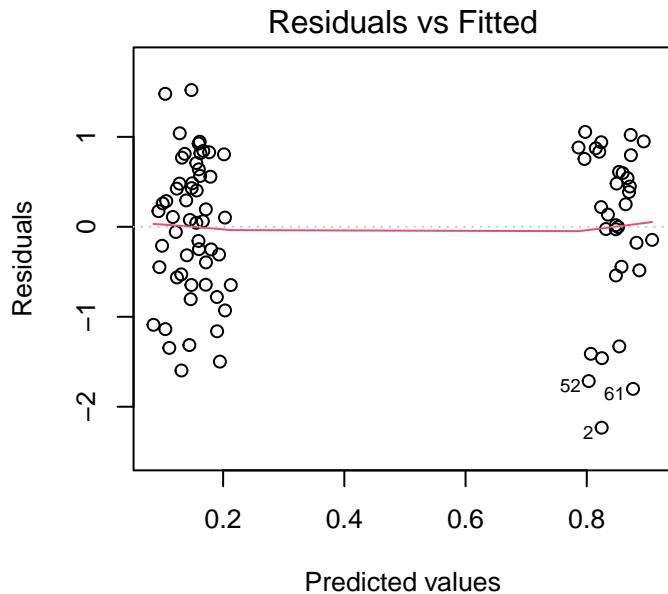
Scale–Location



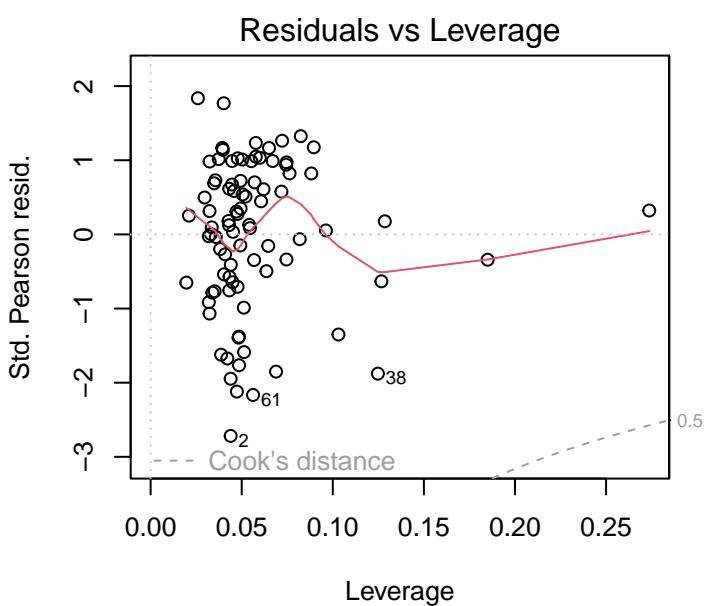
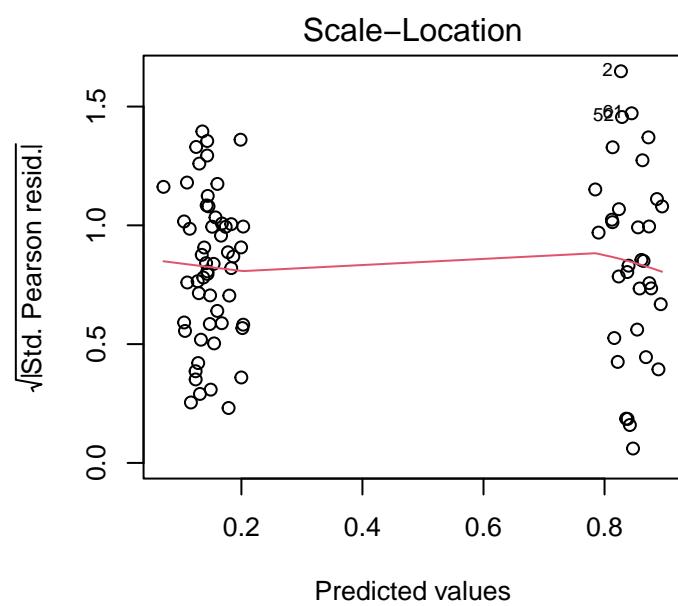
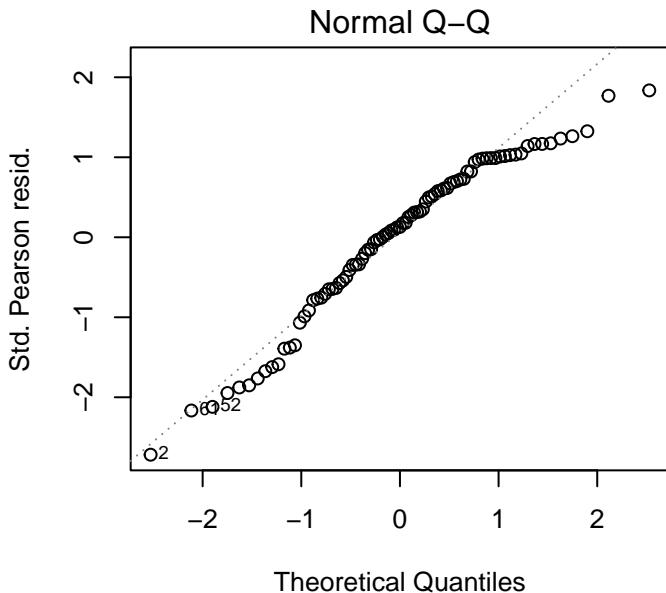
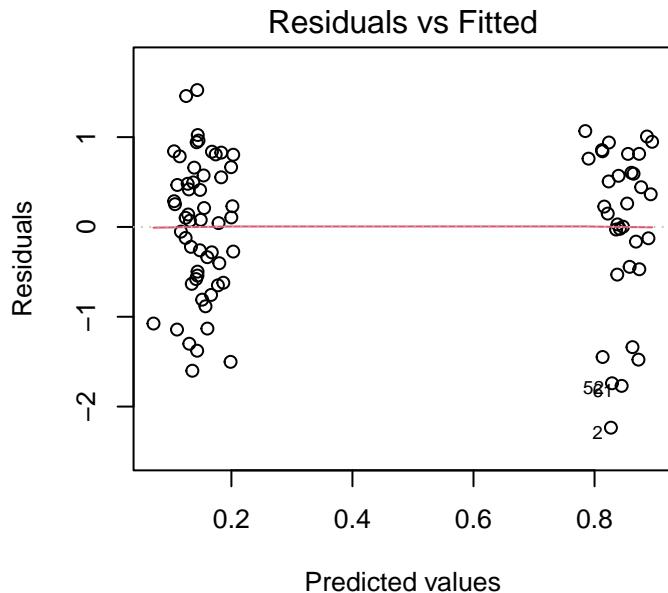
Residuals vs Leverage



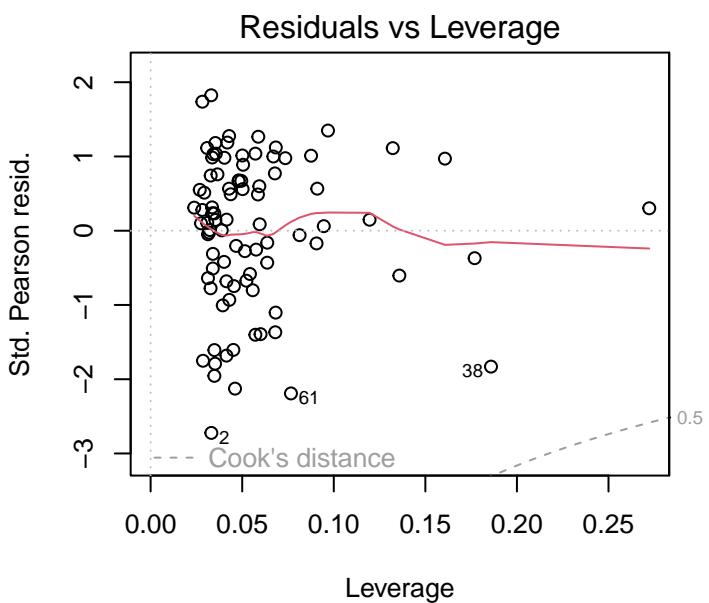
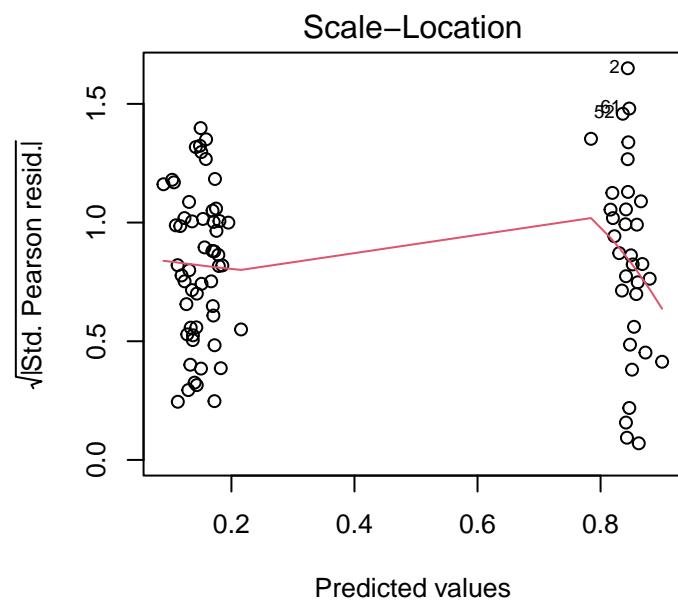
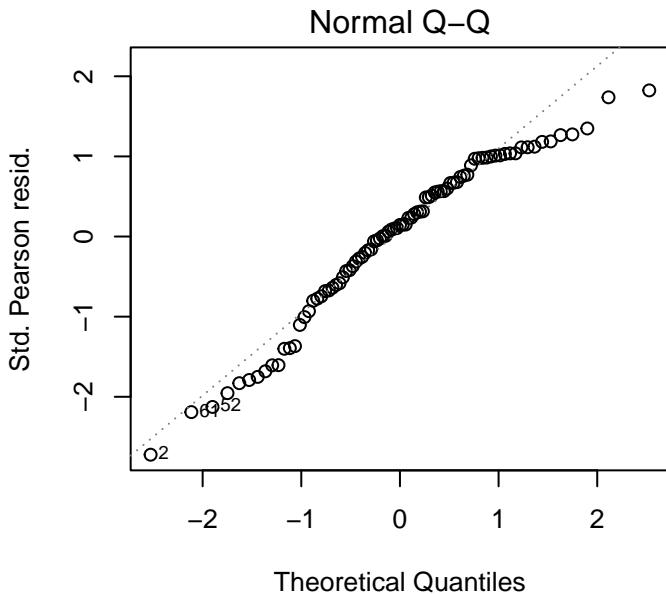
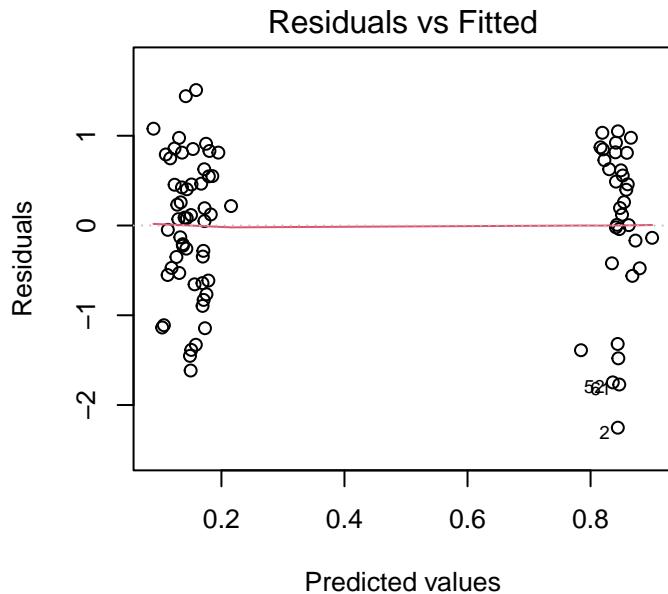
`glm(fdis_ses ~ fish + julian_date + temp + time_convert + 1)`



`glm(fdis_ses ~ area + fish + julian_date + time_convert + 1)`



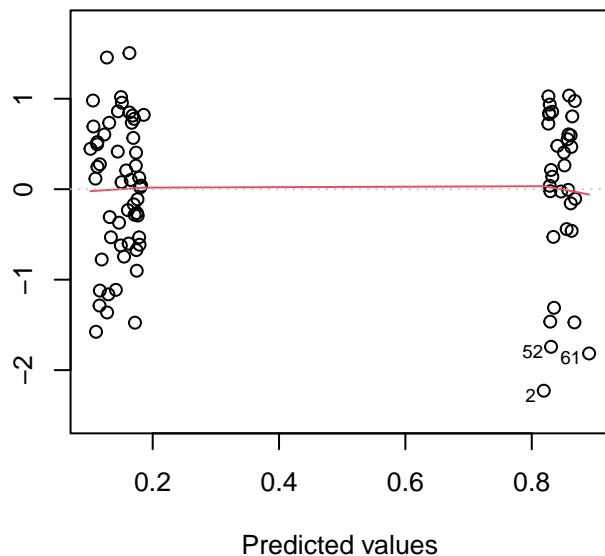
`glm(fdis_ses ~ area + fish + temp + time_convert + 1)`



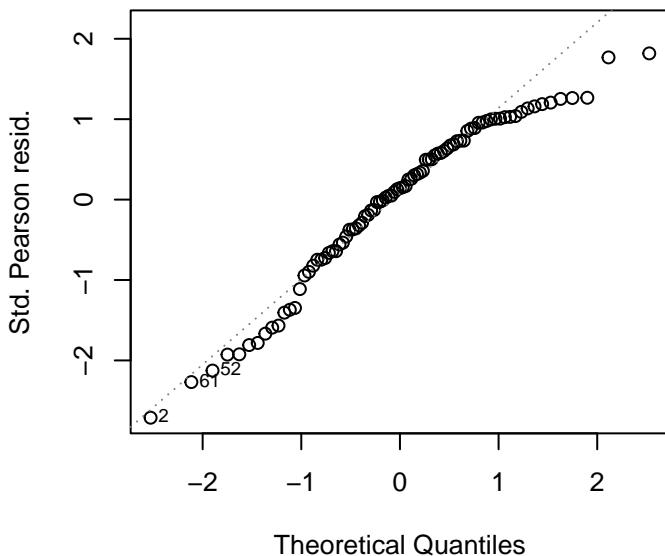
`glm(fdis_ses ~ area + fish + julian_date + temp + 1)`

Residuals vs Fitted

Residuals

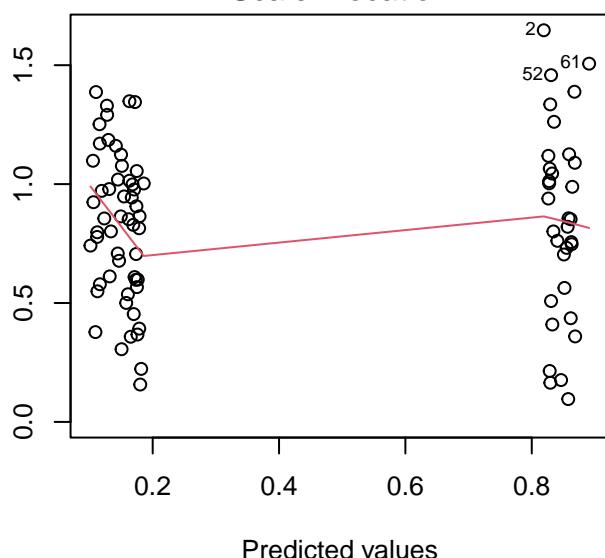


Normal Q–Q

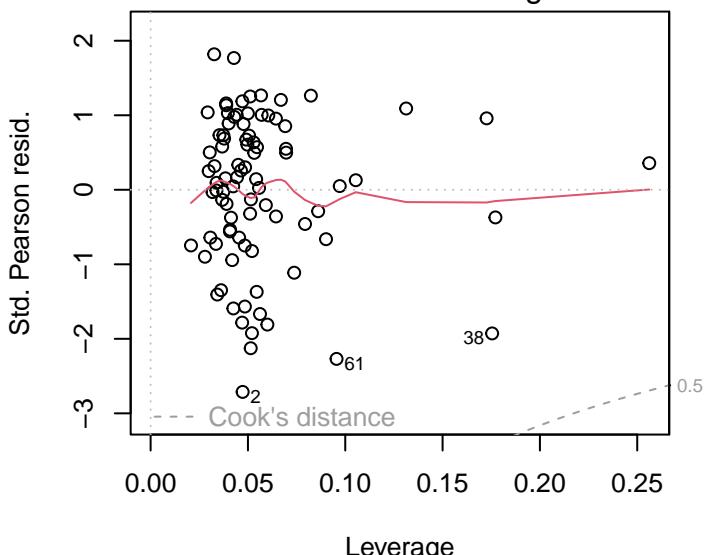


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



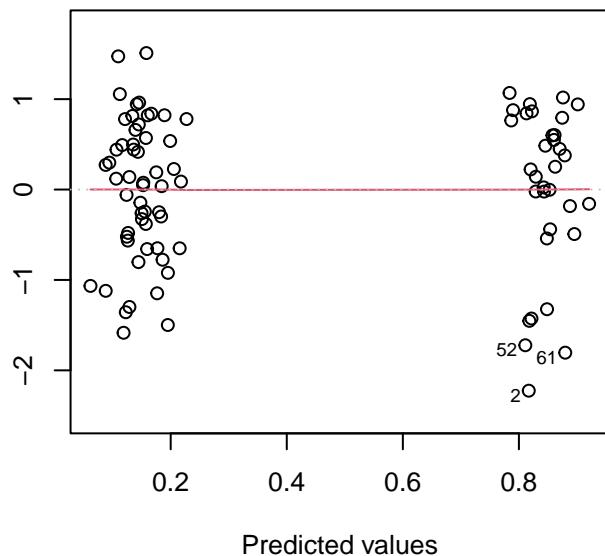
Residuals vs Leverage



`glm(fdis_ses ~ area + fish + julian_date + temp + time_convert + 1)`

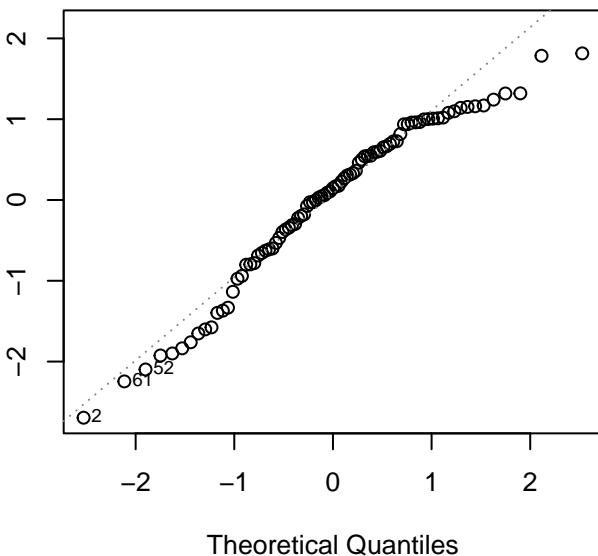
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

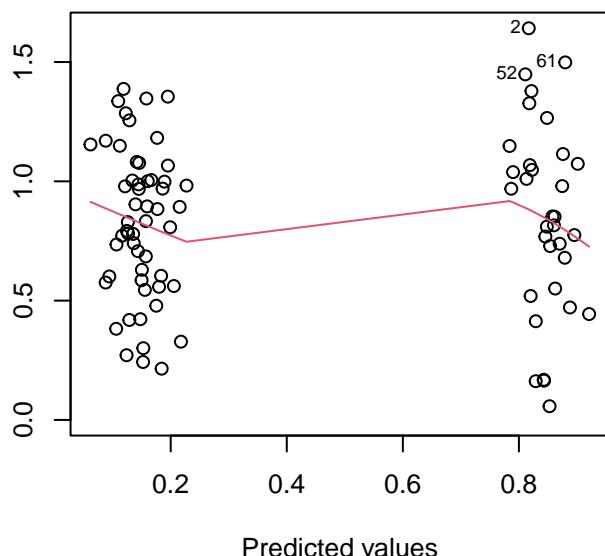


Predicted values

Theoretical Quantiles

Scale–Location

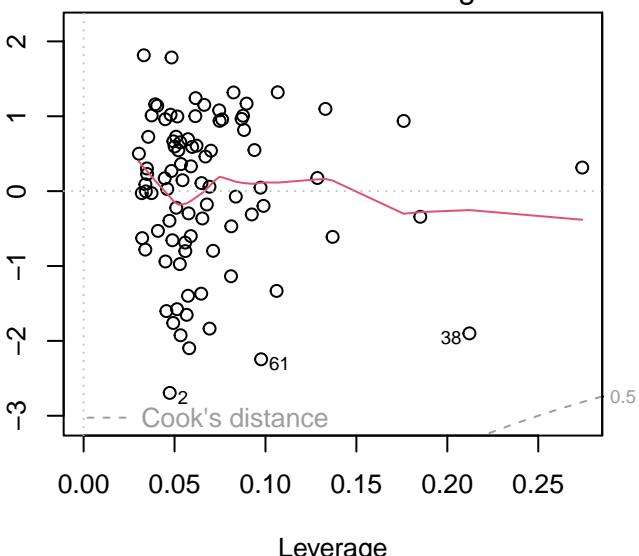
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

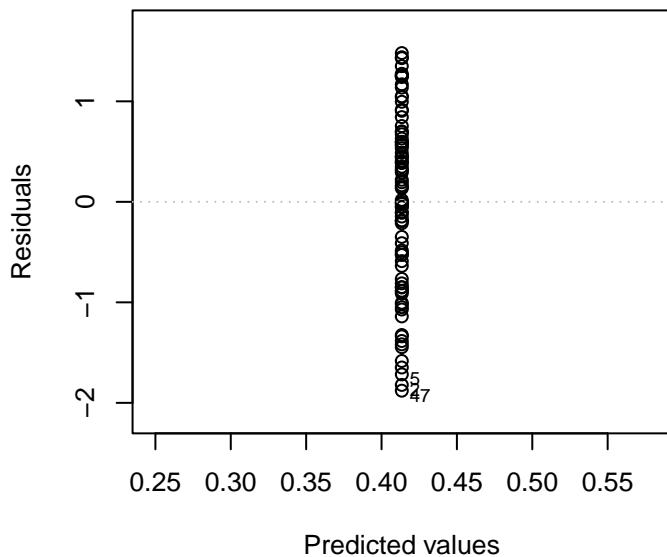
Std. Pearson resid.



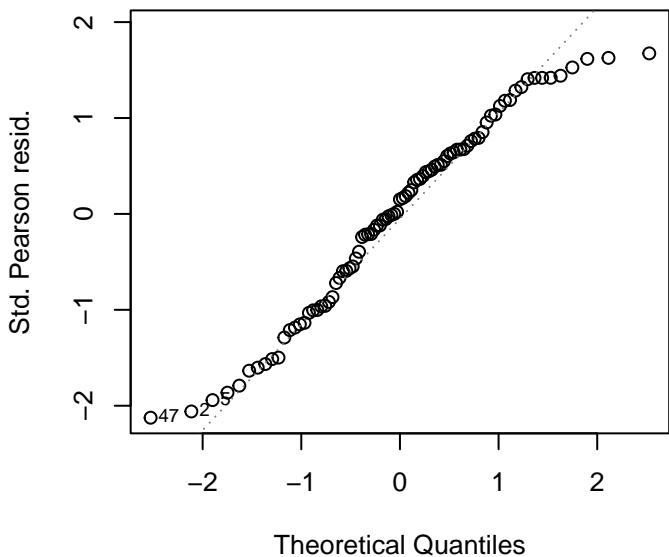
Leverage

`glm(fdis_ses ~ 1)`

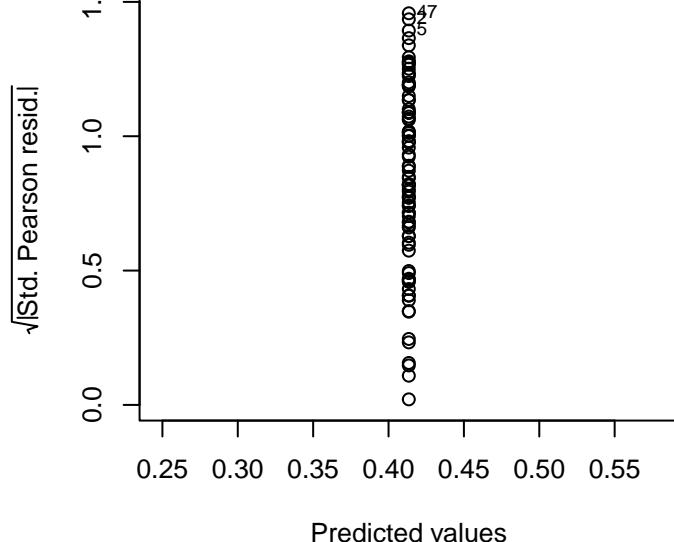
Residuals vs Fitted



Normal Q-Q



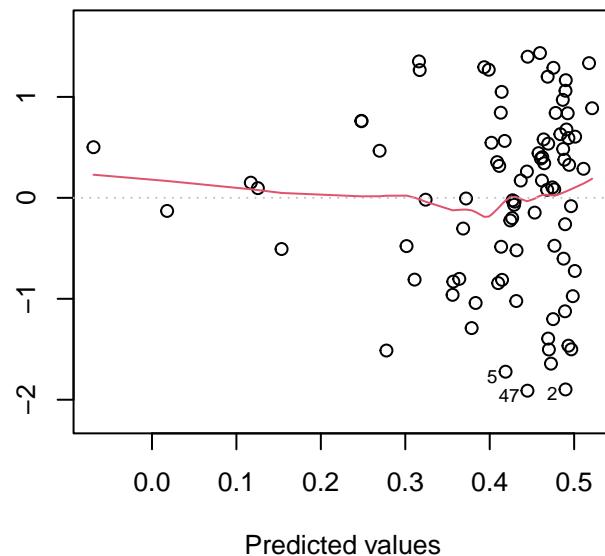
Scale–Location



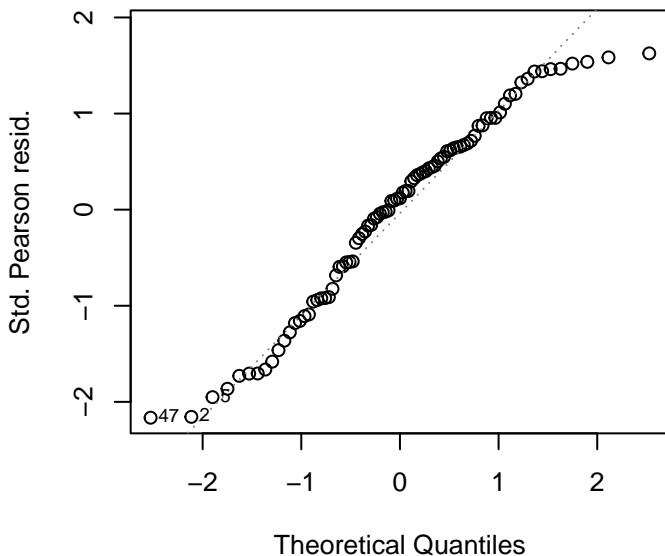
$\text{glm}(\text{fdis\_ses} \sim \text{area} + 1)$

Residuals vs Fitted

Residuals

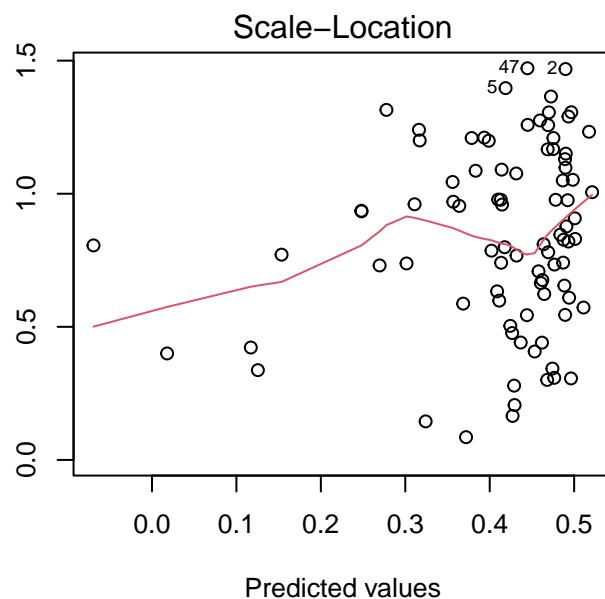


Normal Q–Q

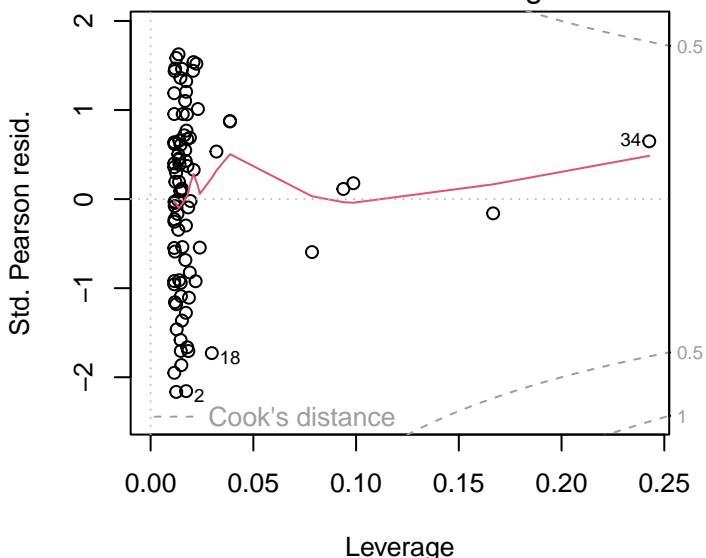


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



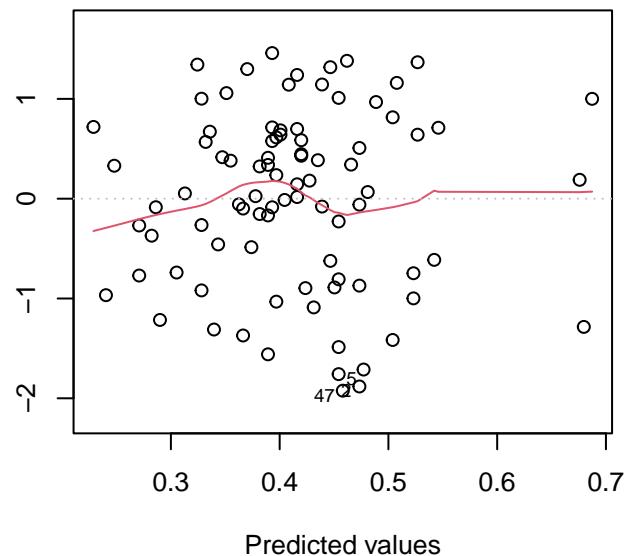
Residuals vs Leverage



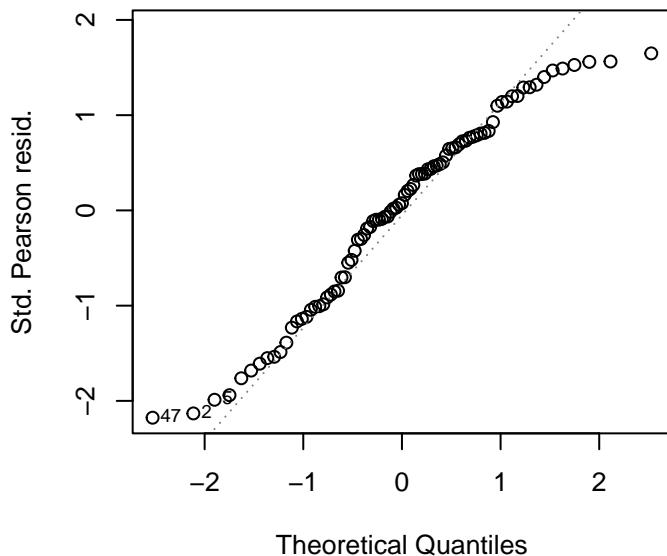
`glm(fdis_ses ~ temp + 1)`

Residuals vs Fitted

Residuals

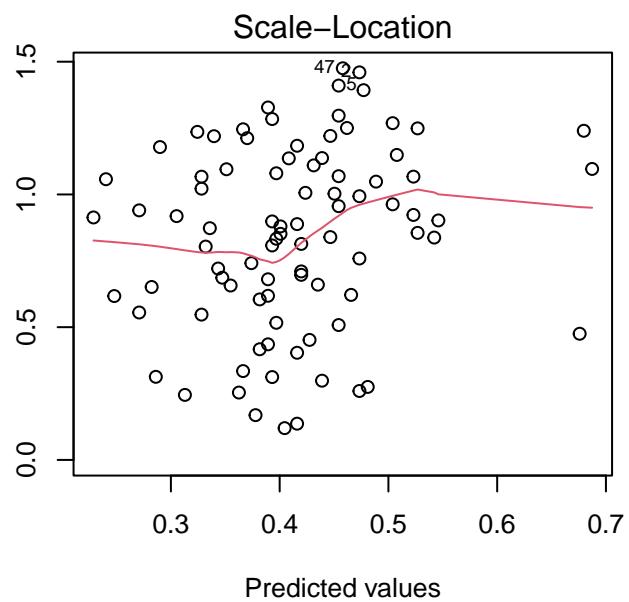


Normal Q–Q

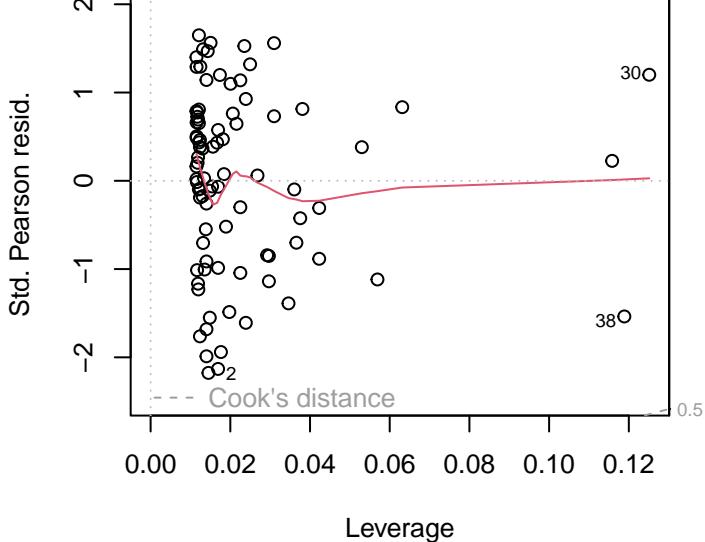


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



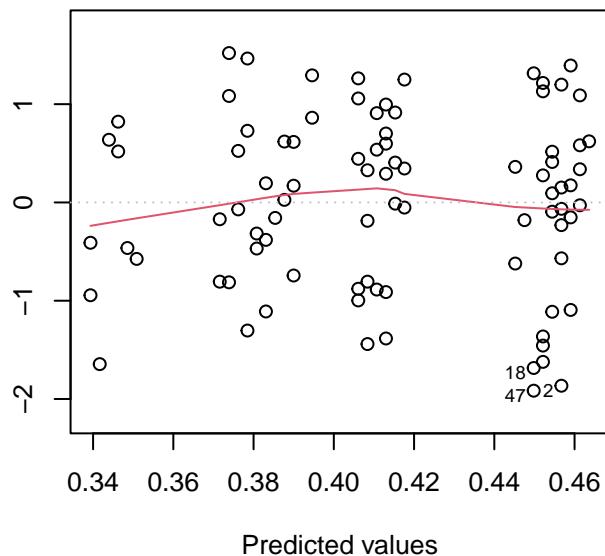
Residuals vs Leverage



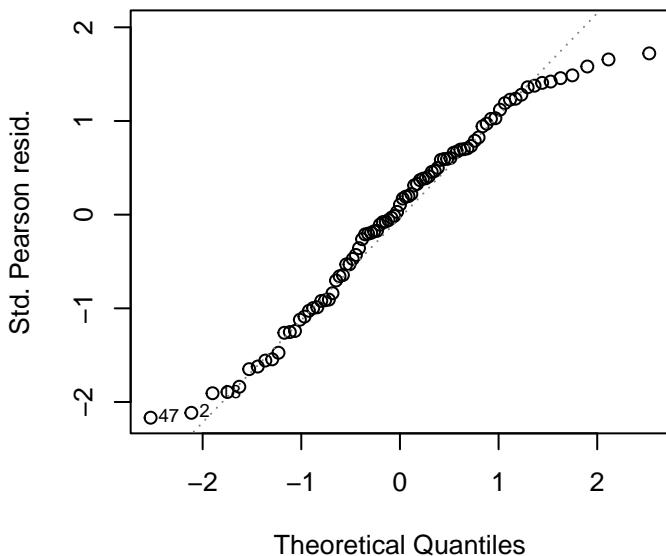
`glm(fdis_ses ~ julian_date + 1)`

Residuals vs Fitted

Residuals



Normal Q-Q

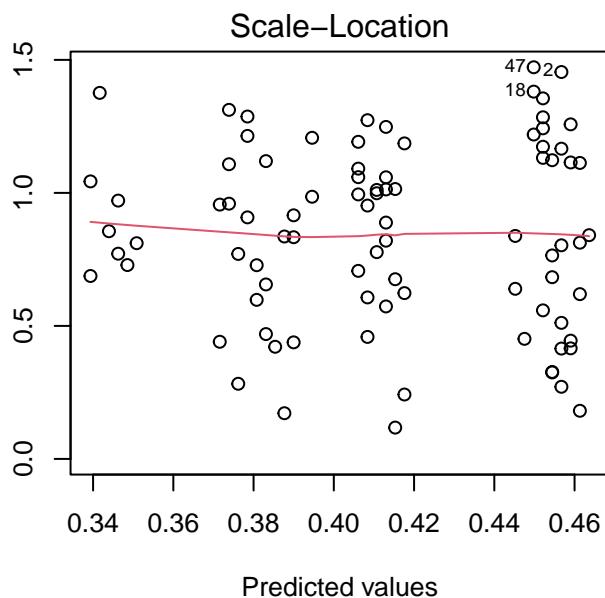


Predicted values

Theoretical Quantiles

Scale–Location

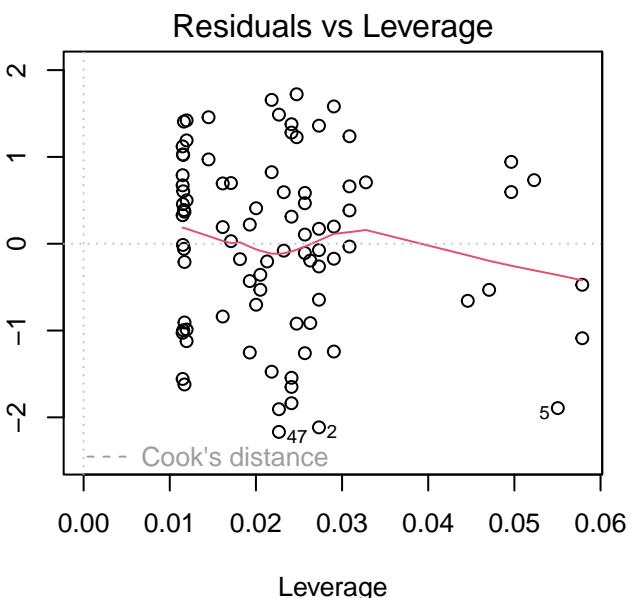
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.



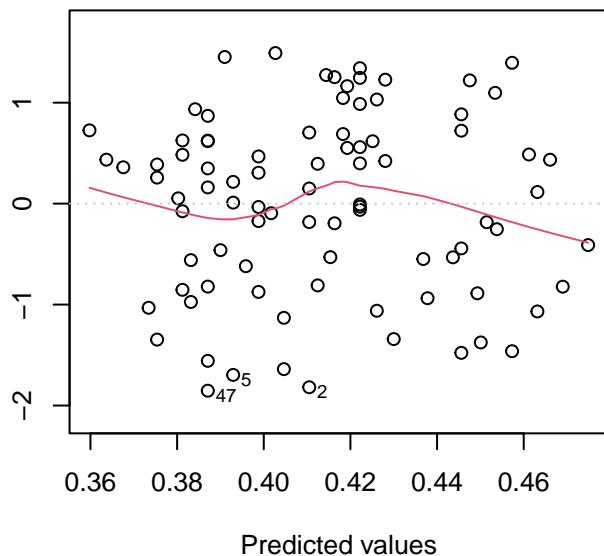
Leverage

Cook's distance

`glm(fdis_ses ~ time_convert + 1)`

Residuals vs Fitted

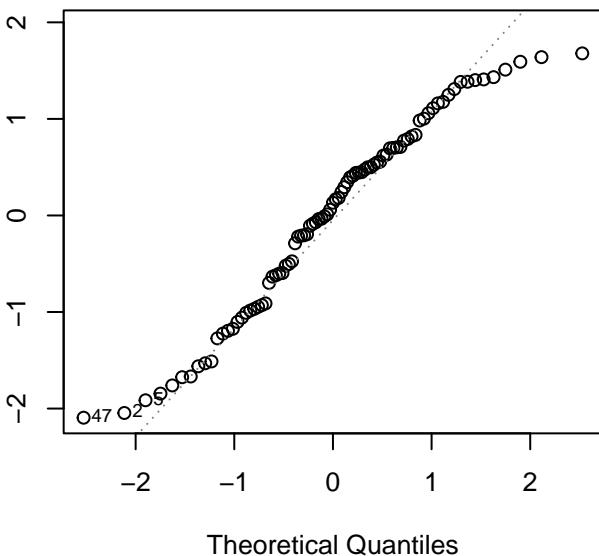
Residuals



Predicted values

Normal Q–Q

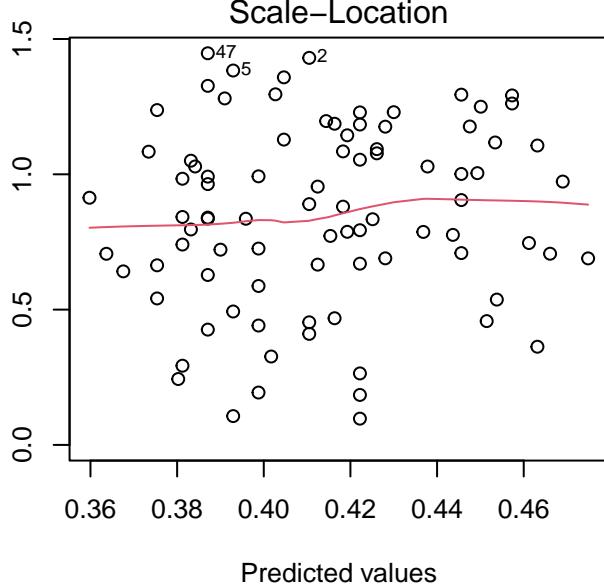
Std. Pearson resid.



Theoretical Quantiles

Scale–Location

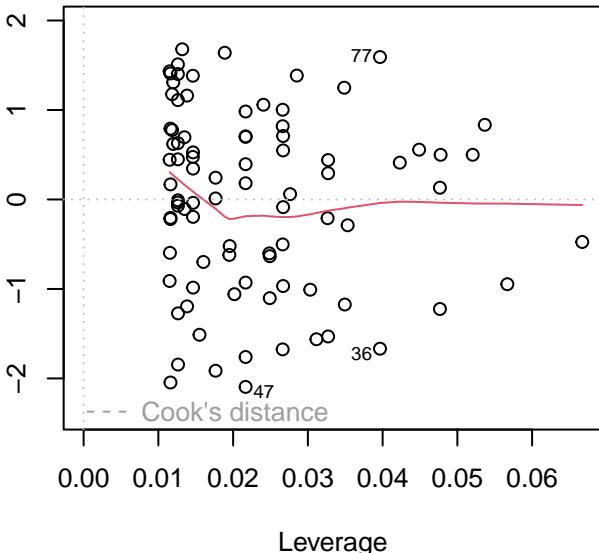
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

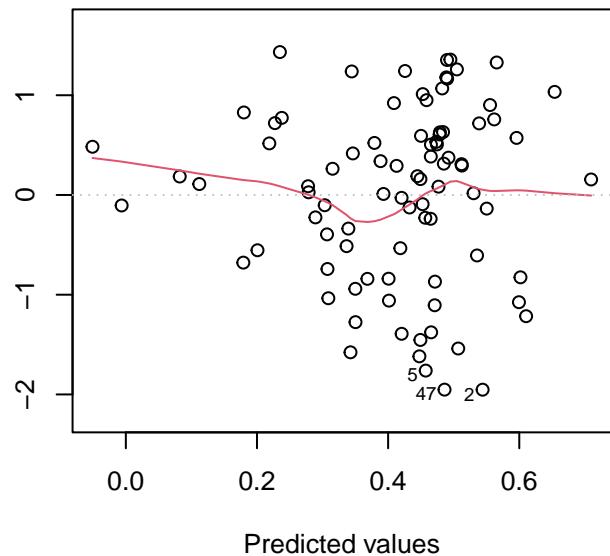


Leverage

`glm(fdis_ses ~ area + temp + 1)`

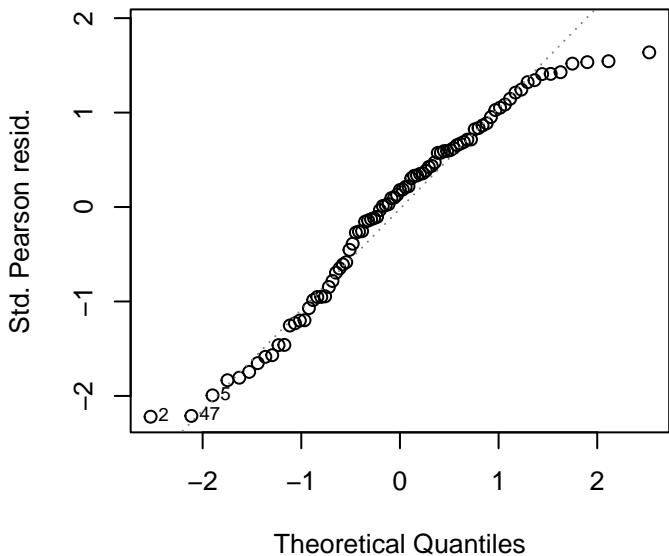
Residuals vs Fitted

Residuals



Predicted values

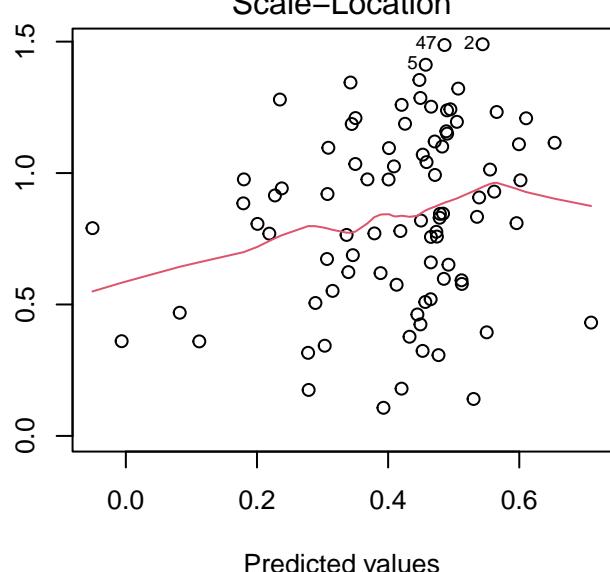
Normal Q-Q



Theoretical Quantiles

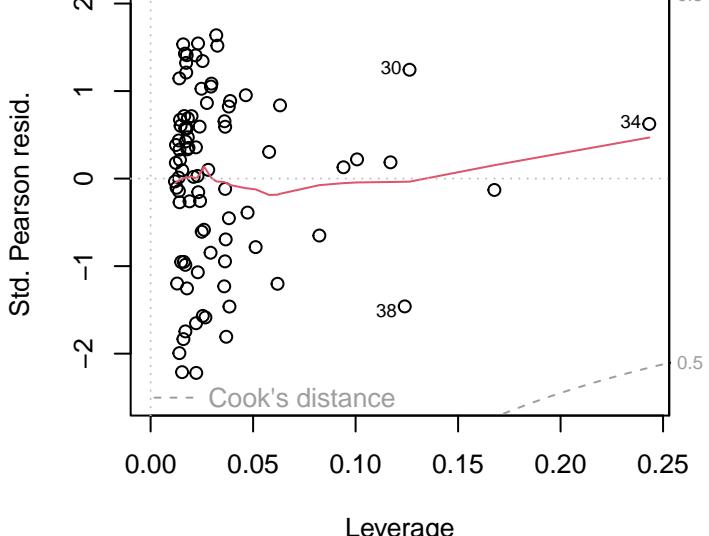
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

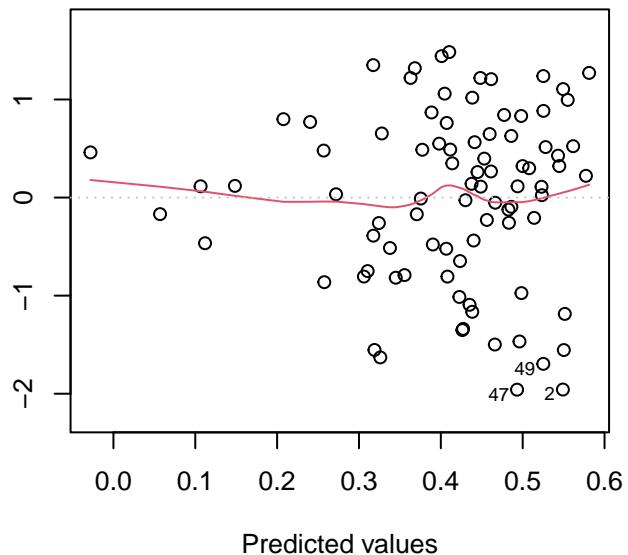


Leverage

`glm(fdis_ses ~ area + julian_date + 1)`

Residuals vs Fitted

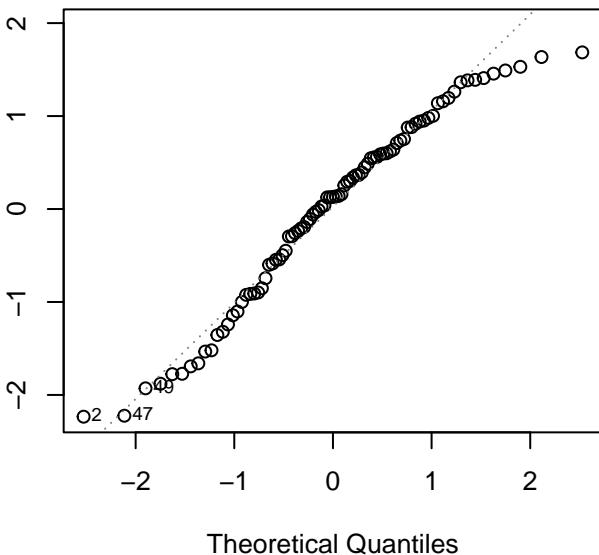
Residuals



Predicted values

Normal Q-Q

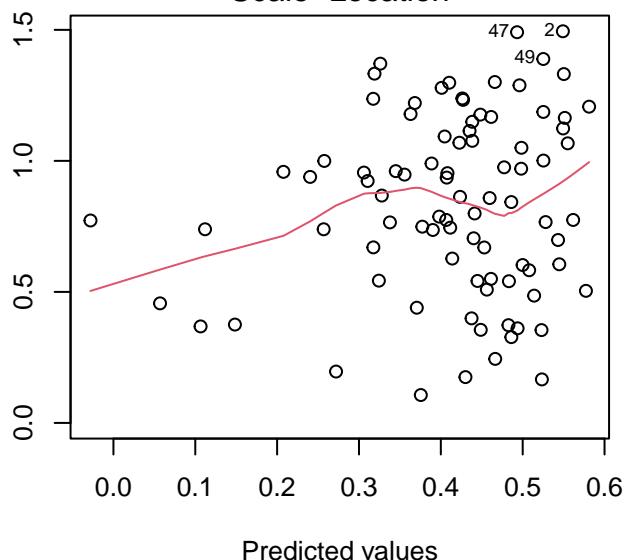
Std. Pearson resid.



Theoretical Quantiles

Scale–Location

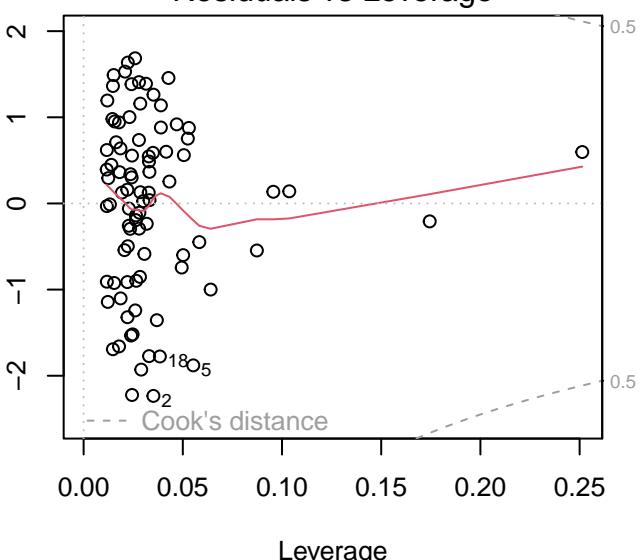
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

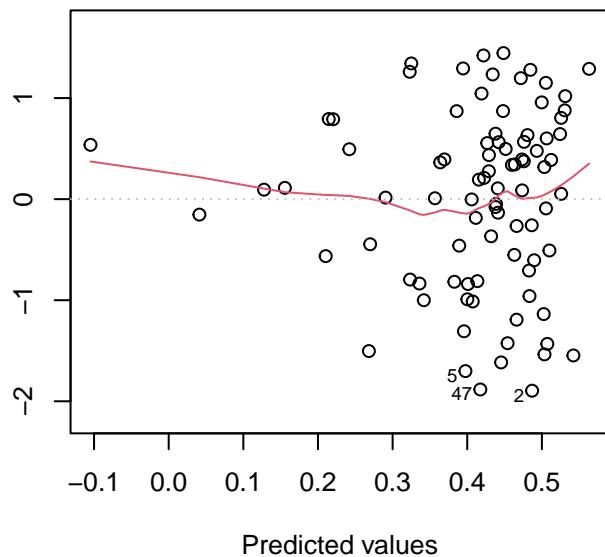


Leverage

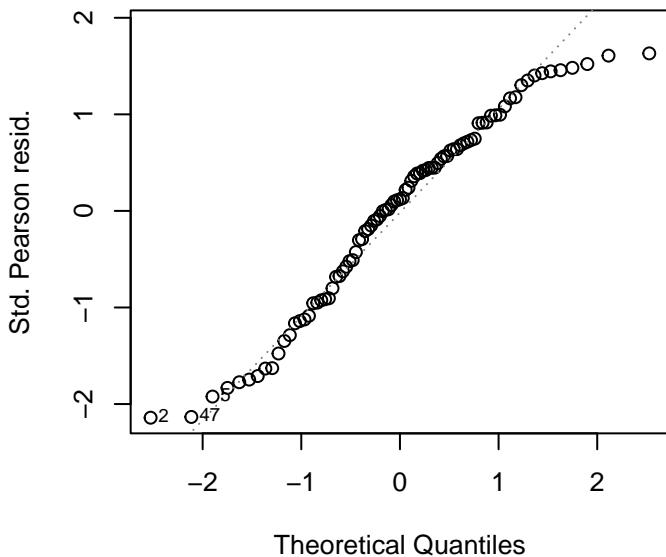
`glm(fdis_ses ~ area + time_convert + 1)`

Residuals vs Fitted

Residuals



Normal Q–Q

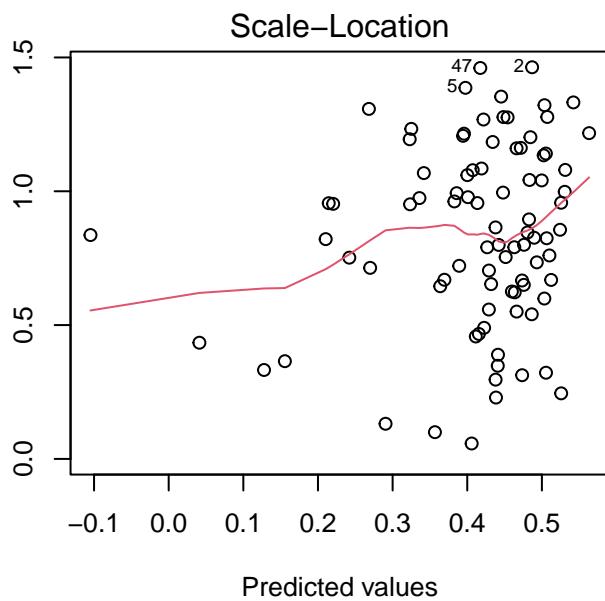


Predicted values

Theoretical Quantiles

Scale–Location

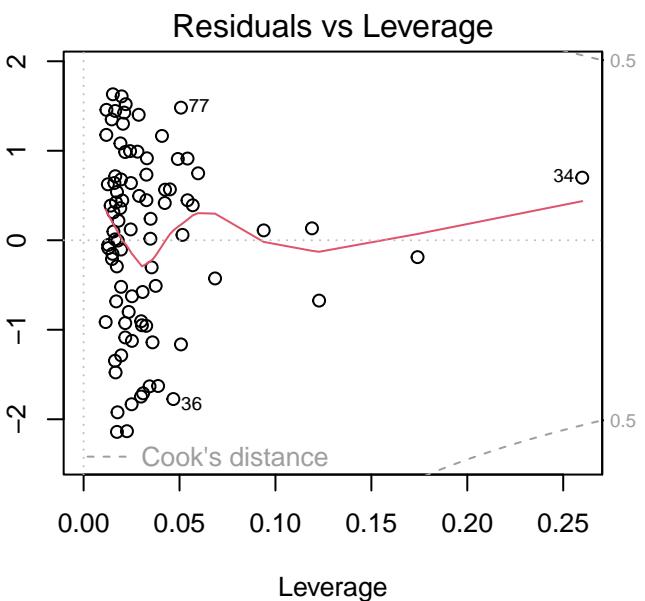
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

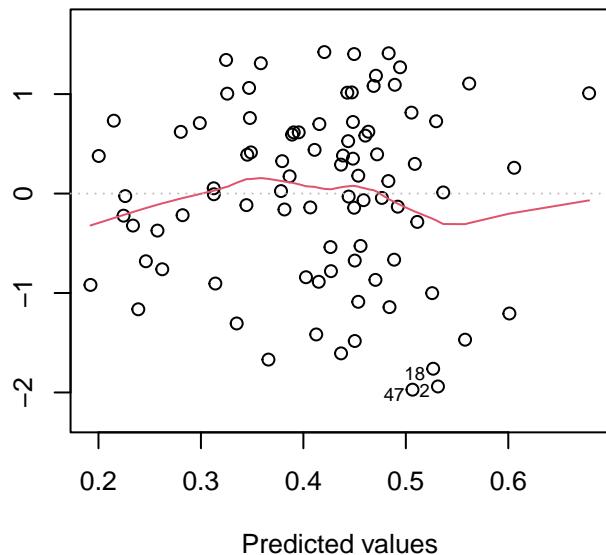


Leverage

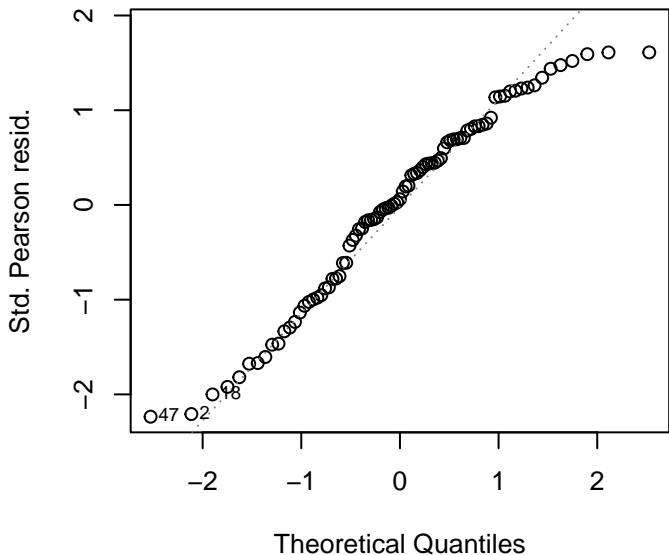
`glm(fdis_ses ~ julian_date + temp + 1)`

Residuals vs Fitted

Residuals

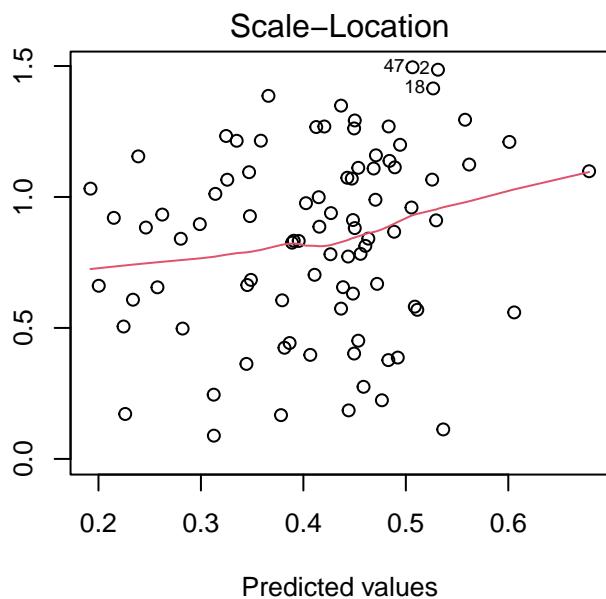


Normal Q-Q

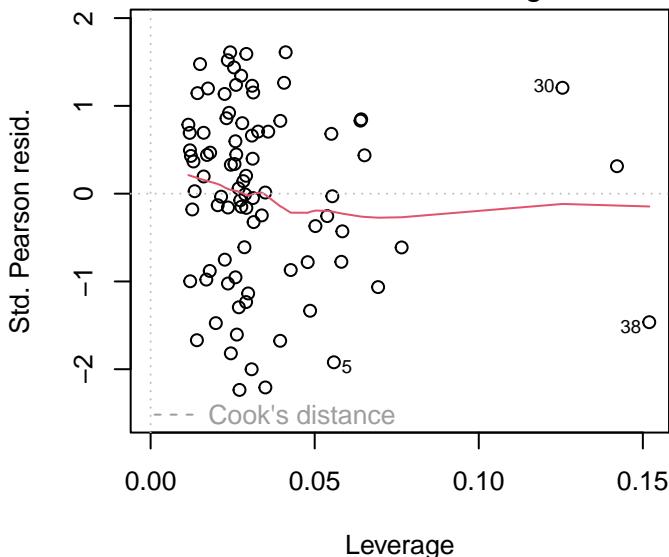


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



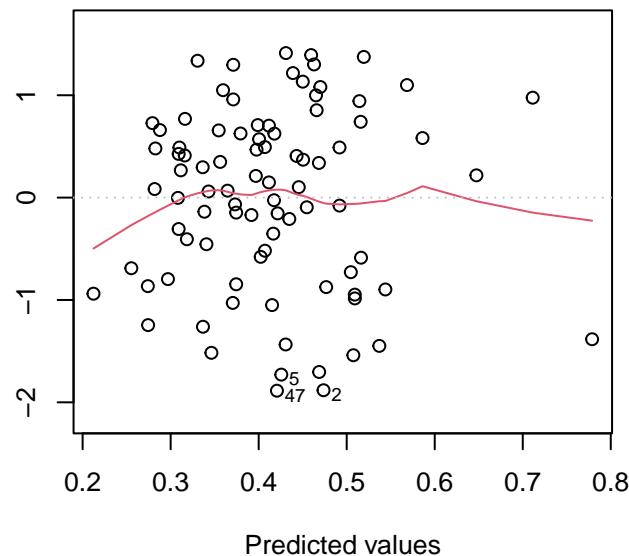
Residuals vs Leverage



`glm(fdis_ses ~ temp + time_convert + 1)`

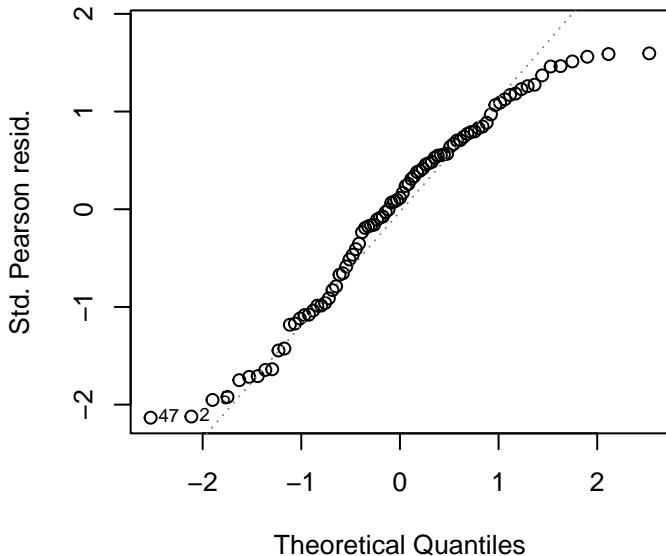
Residuals vs Fitted

Residuals



Predicted values

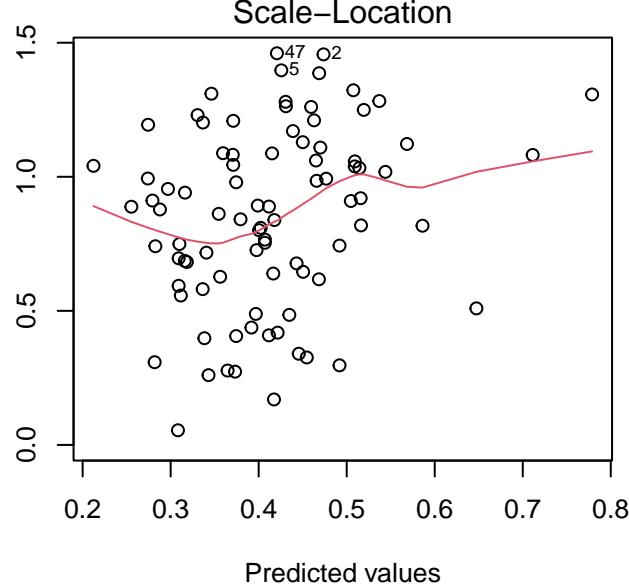
Normal Q–Q



Theoretical Quantiles

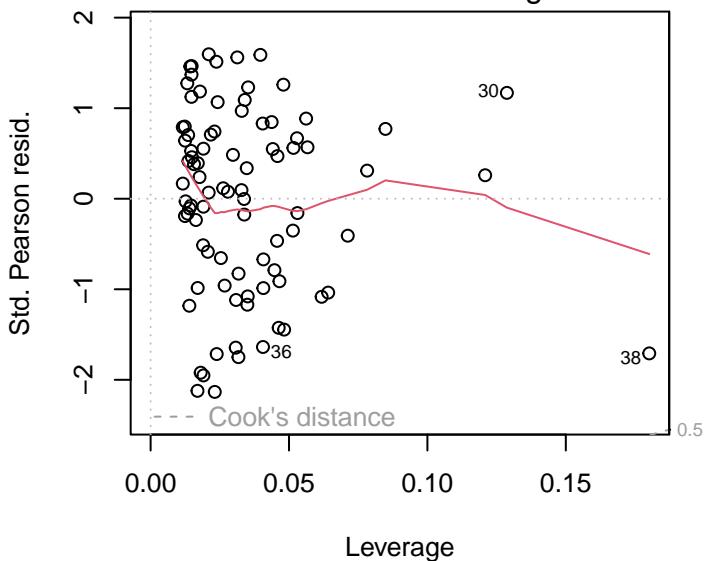
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

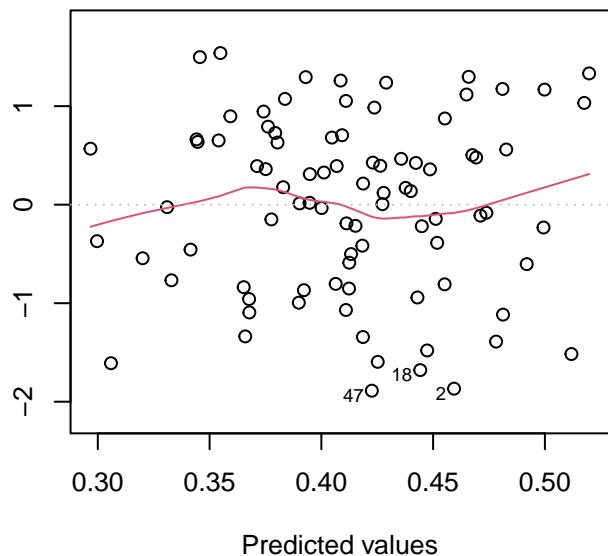


Leverage

`glm(fdis_ses ~ julian_date + time_convert + 1)`

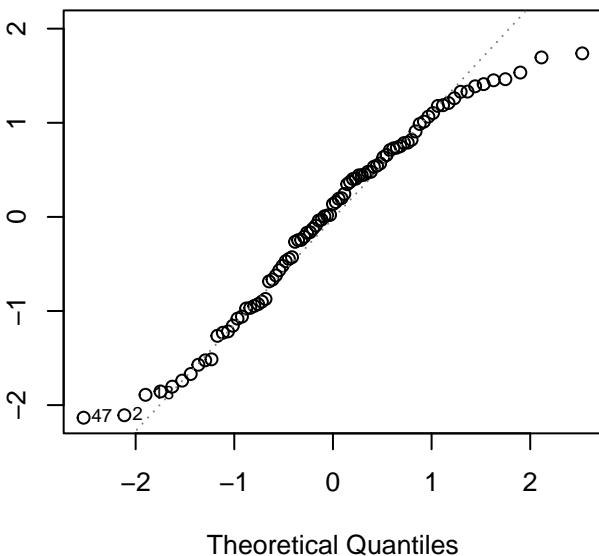
Residuals vs Fitted

Residuals



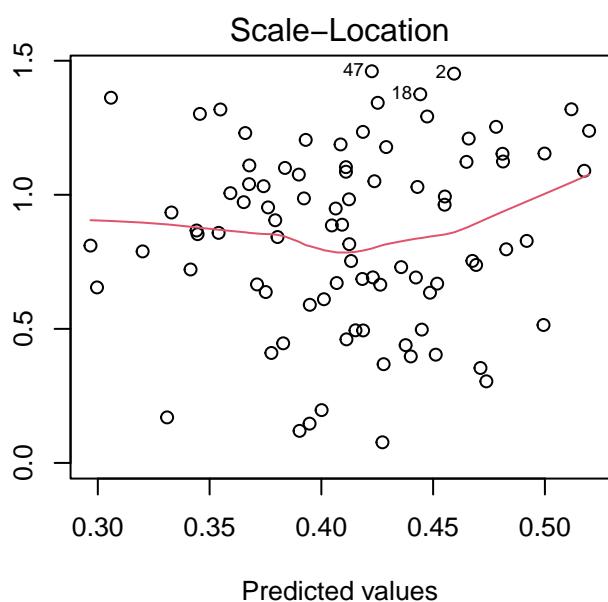
Normal Q-Q

Std. Pearson resid.



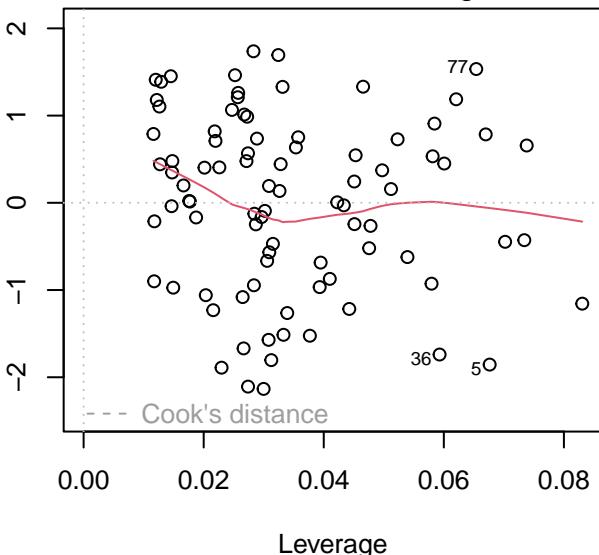
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage

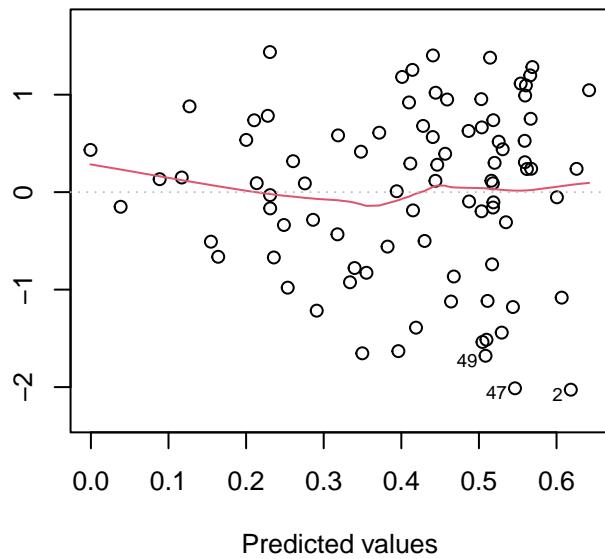
Std. Pearson resid.



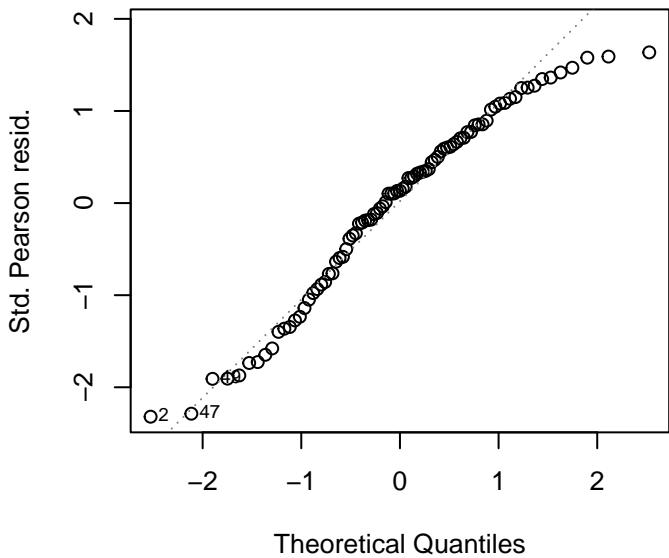
`glm(fdis_ses ~ area + julian_date + temp + 1)`

Residuals vs Fitted

Residuals



Normal Q–Q

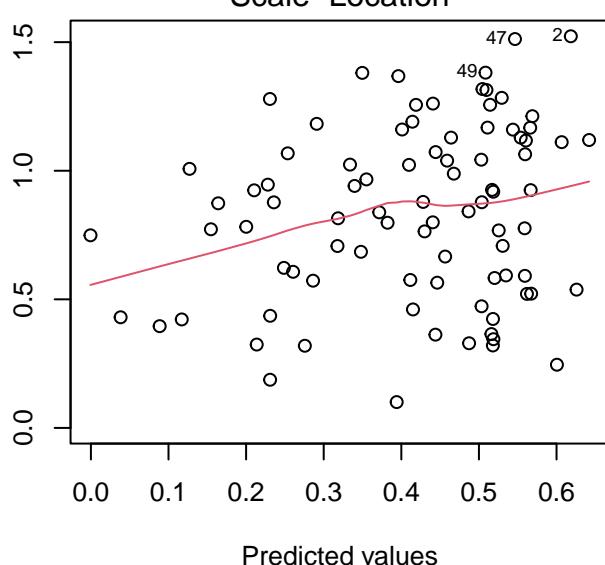


Predicted values

Theoretical Quantiles

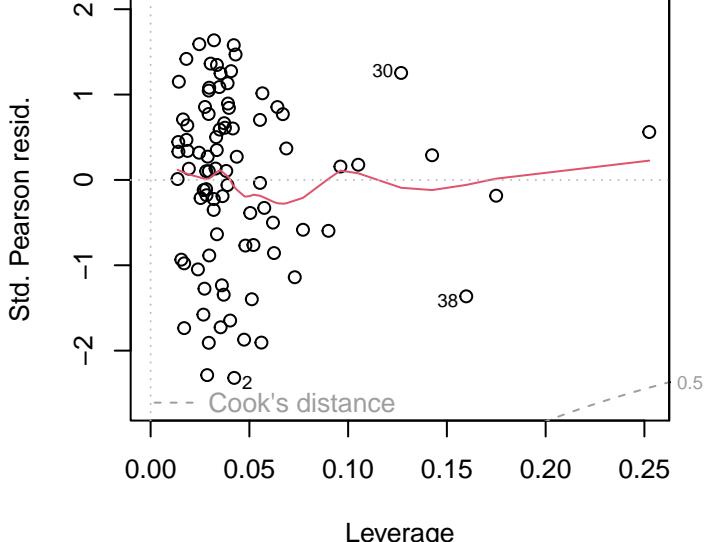
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



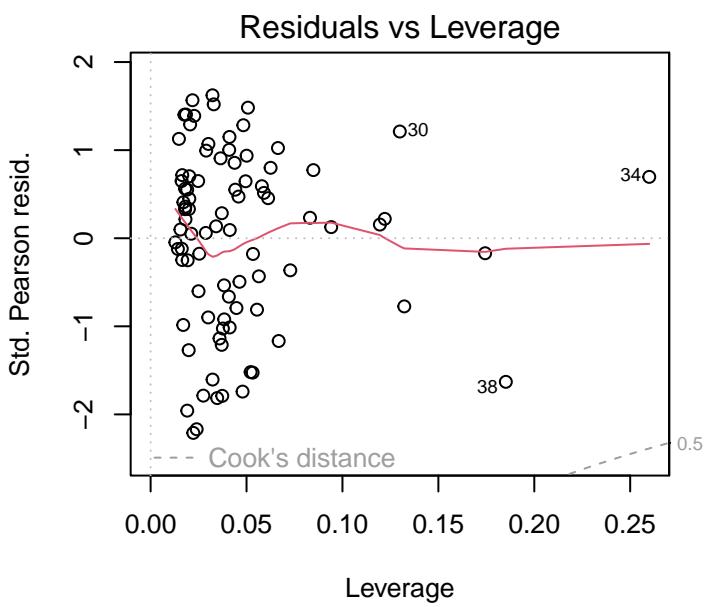
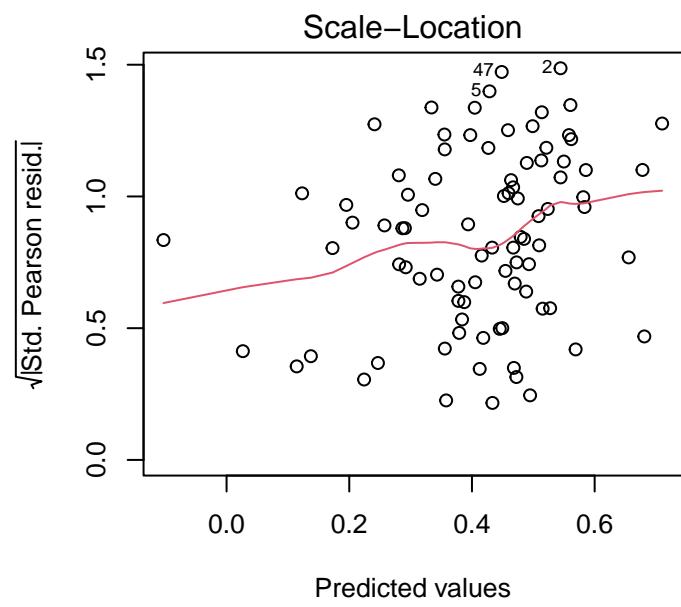
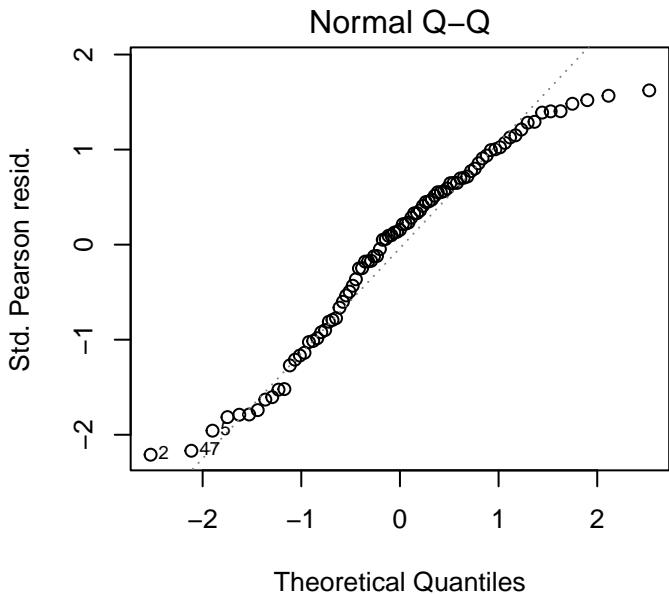
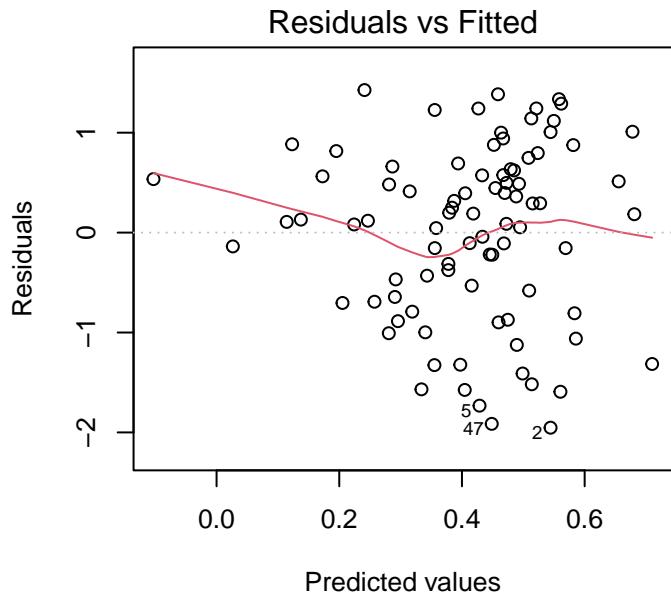
Predicted values

Residuals vs Leverage

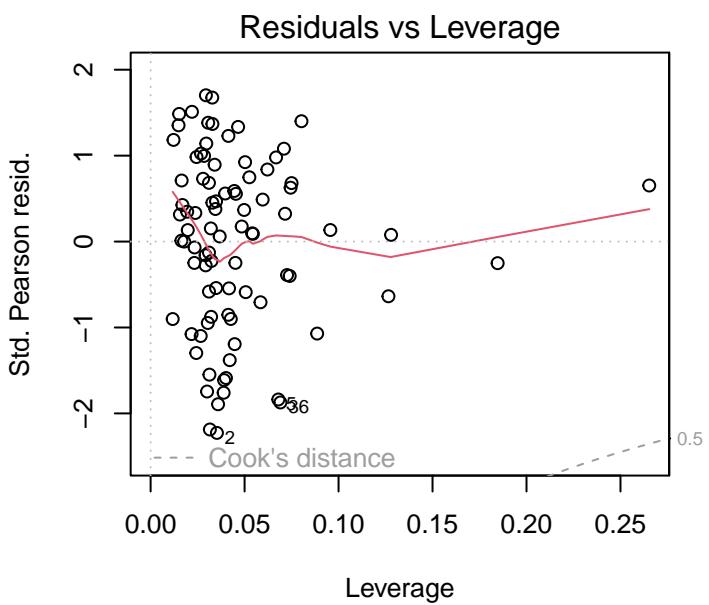
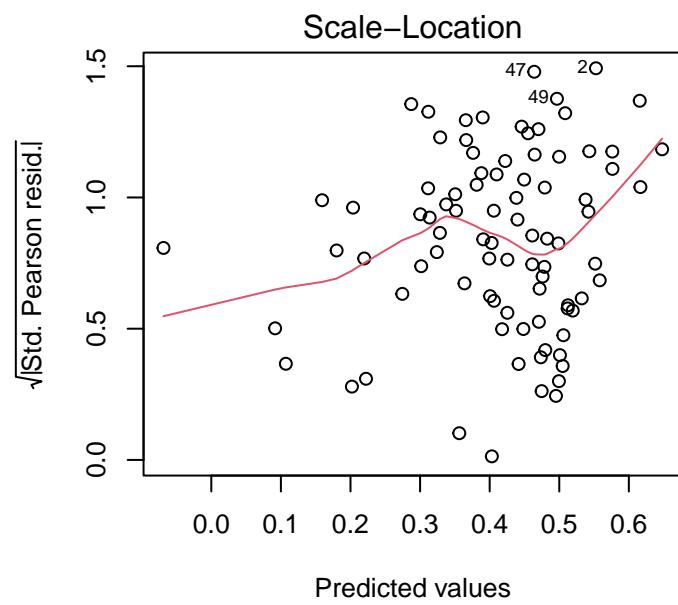
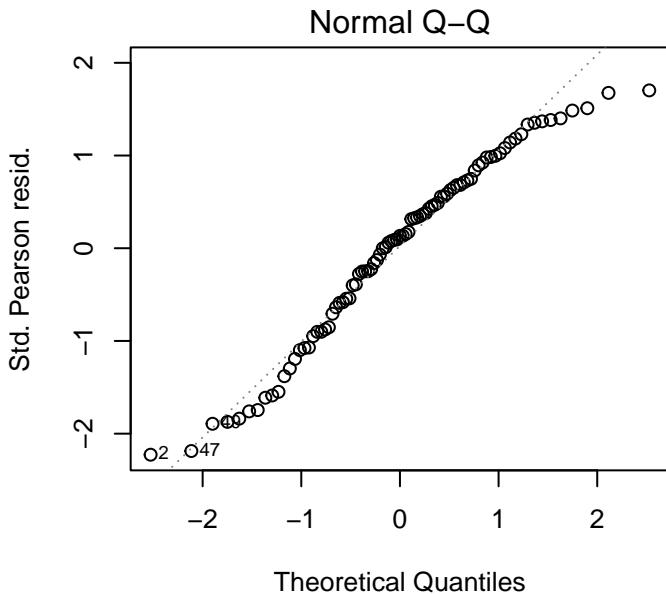
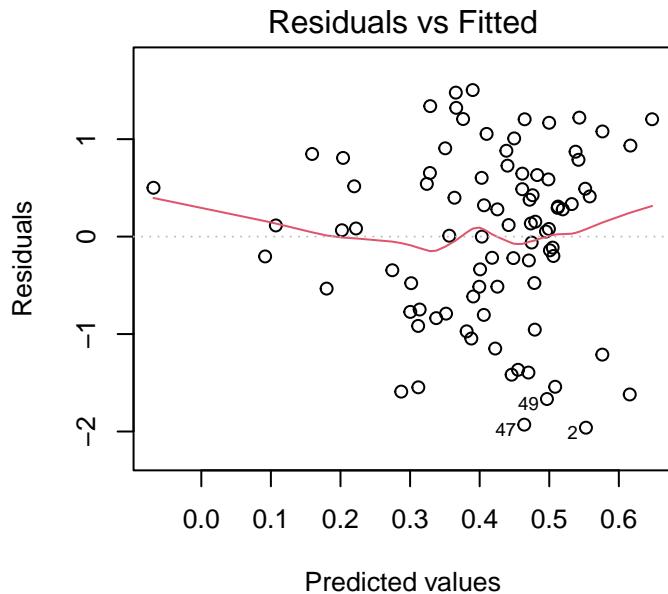


Leverage

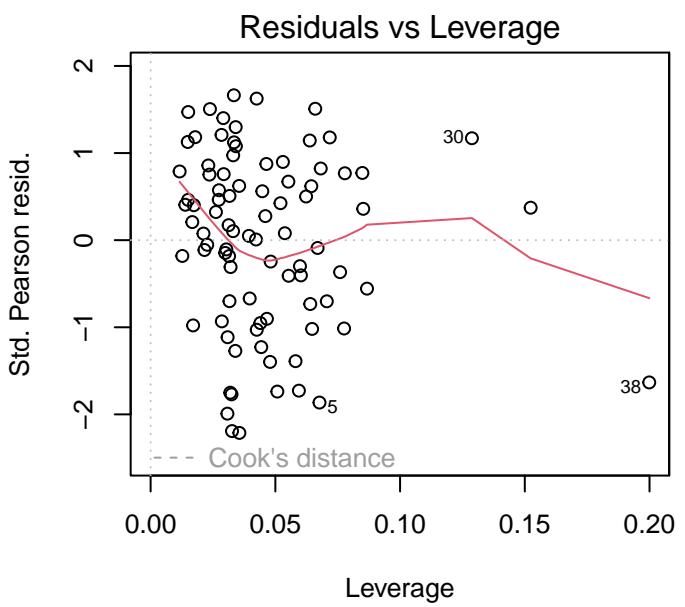
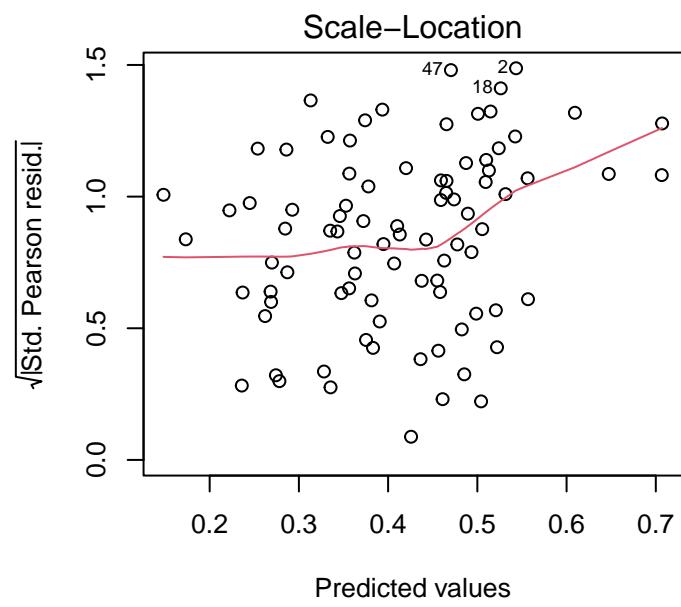
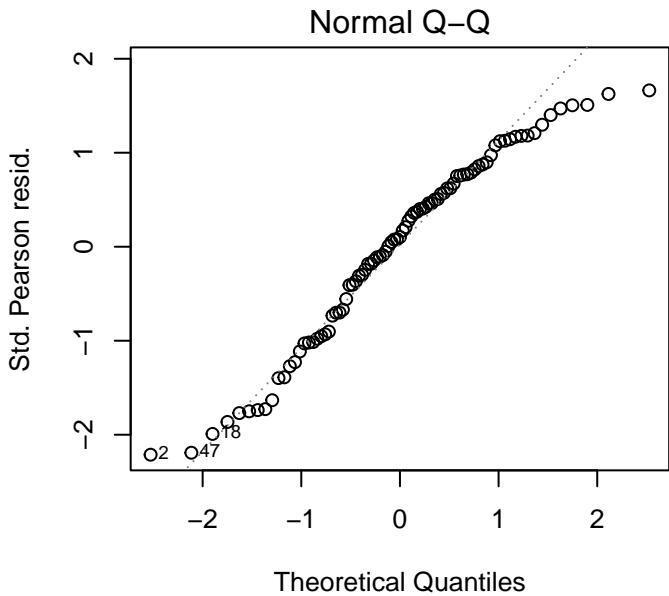
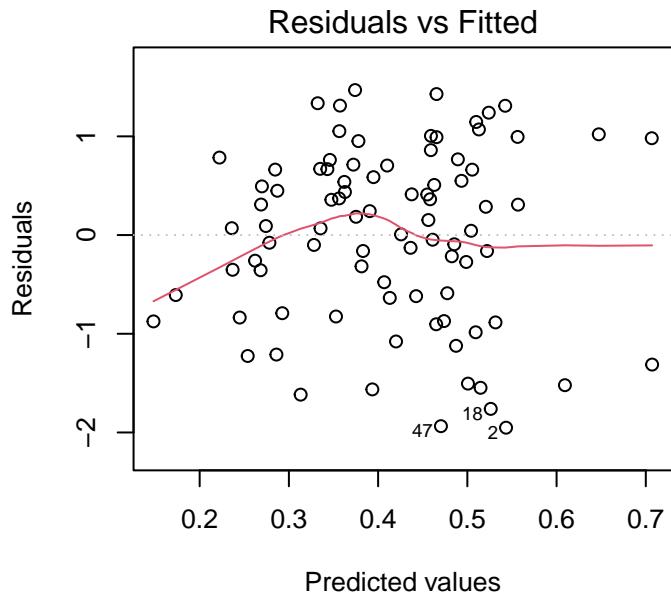
`glm(fdis_ses ~ area + temp + time_convert + 1)`



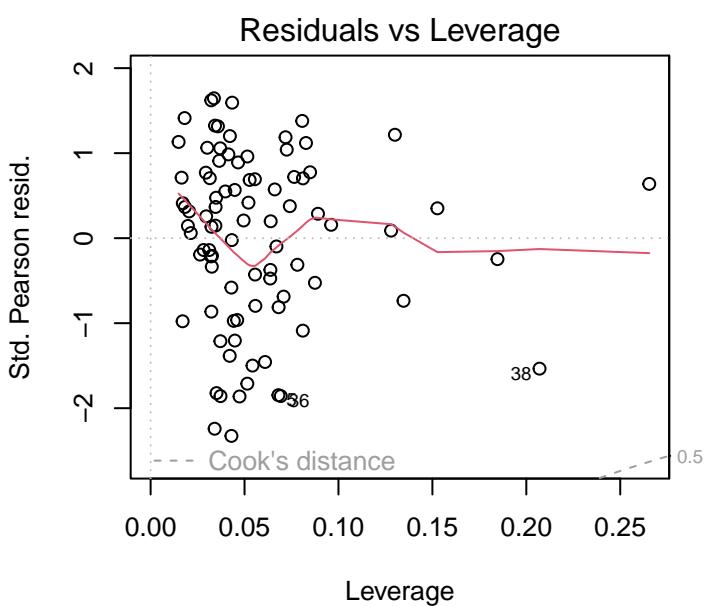
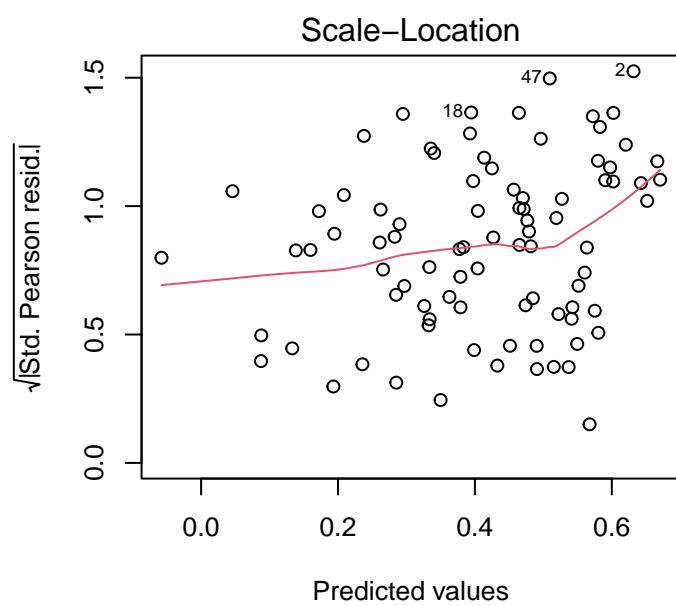
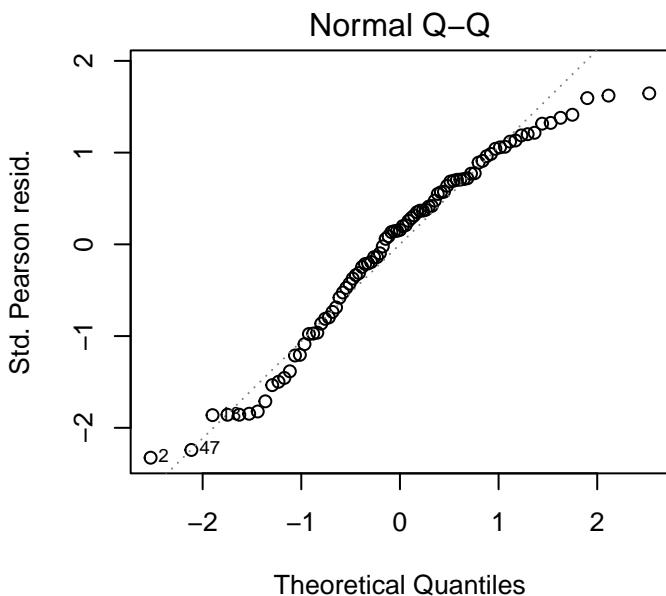
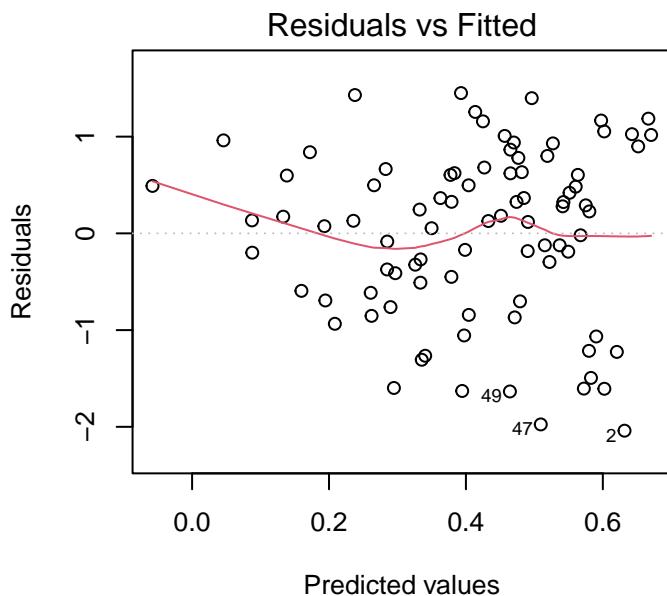
`glm(fdis_ses ~ area + julian_date + time_convert + 1)`



`glm(fdis_ses ~ julian_date + temp + time_convert + 1)`

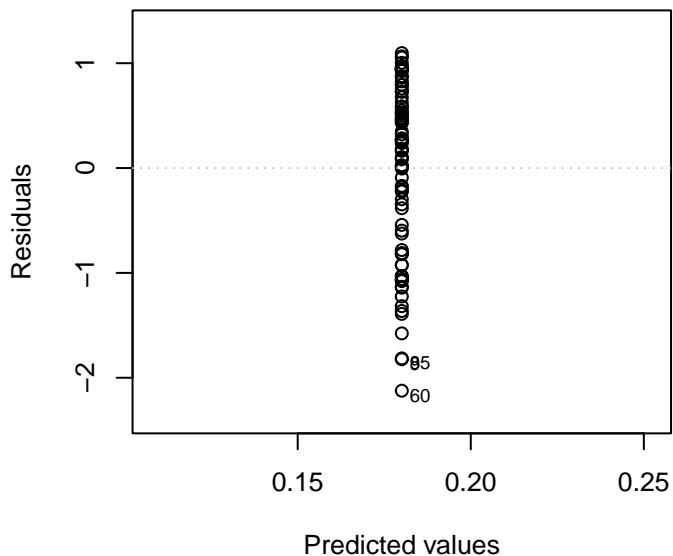


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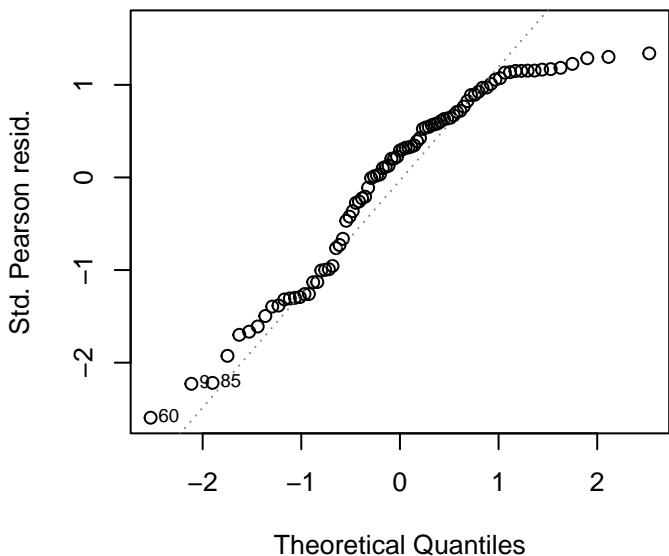


$\text{glm}(\text{fdiv\_ses} \sim 1)$

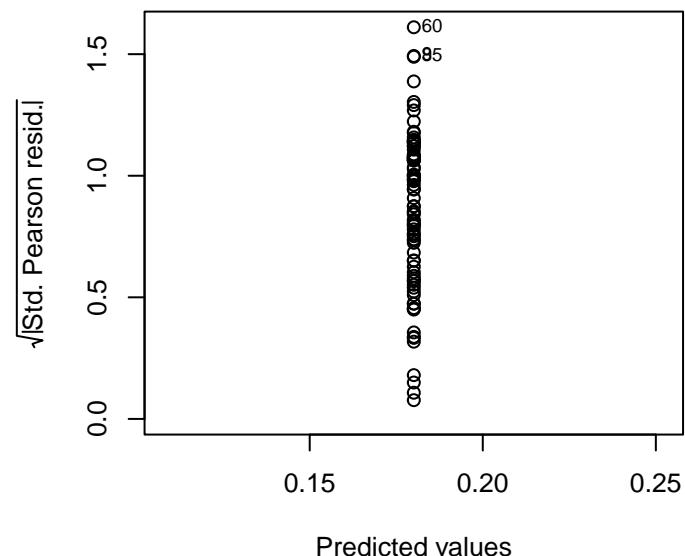
Residuals vs Fitted



Normal Q–Q



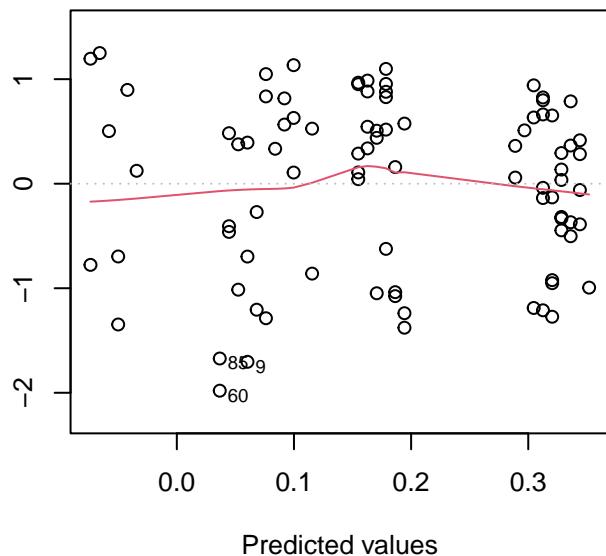
Scale–Location



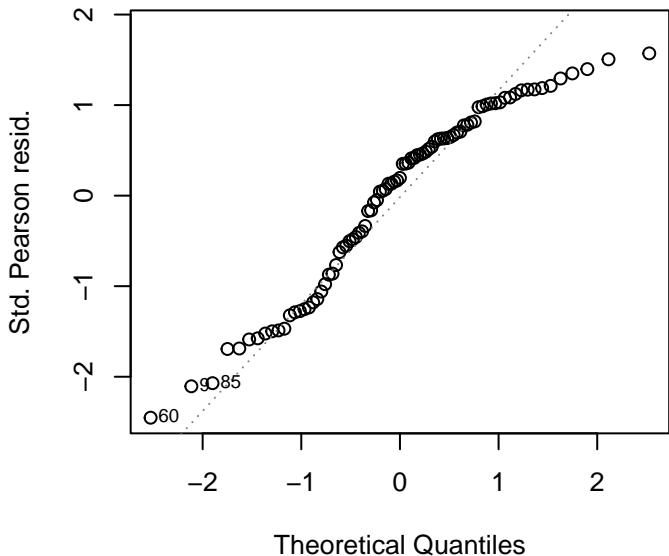
`glm(fdiv_ses ~ julian_date + 1)`

Residuals vs Fitted

Residuals



Normal Q–Q

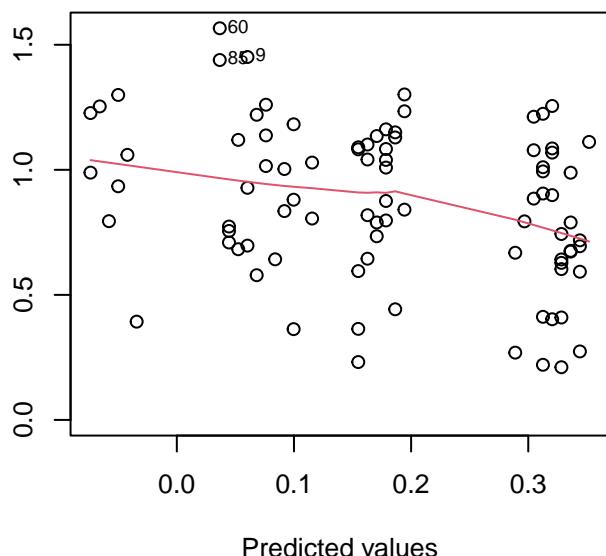


Predicted values

Theoretical Quantiles

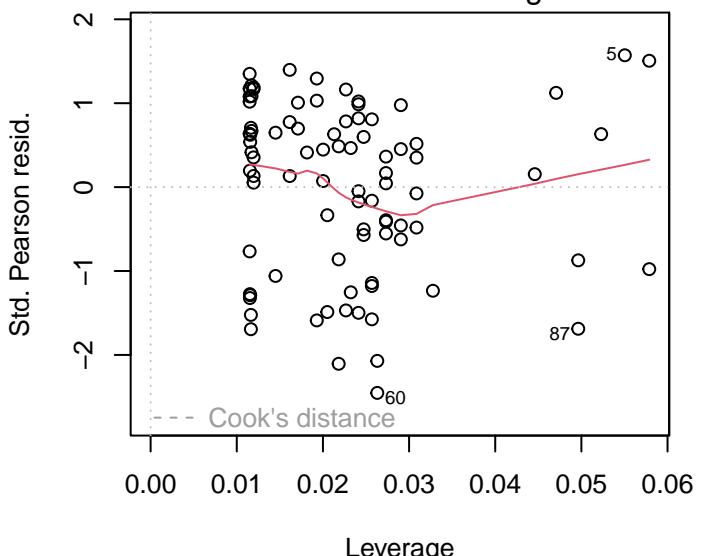
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

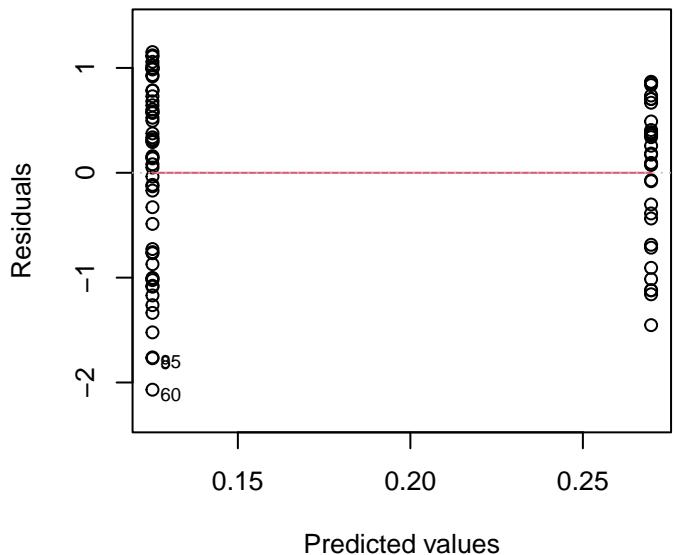


Leverage

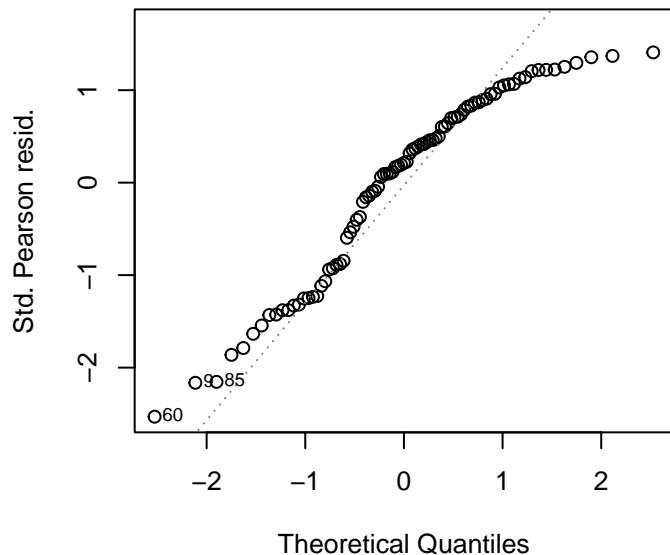
Cook's distance

`glm(fdiv_ses ~ fish + 1)`

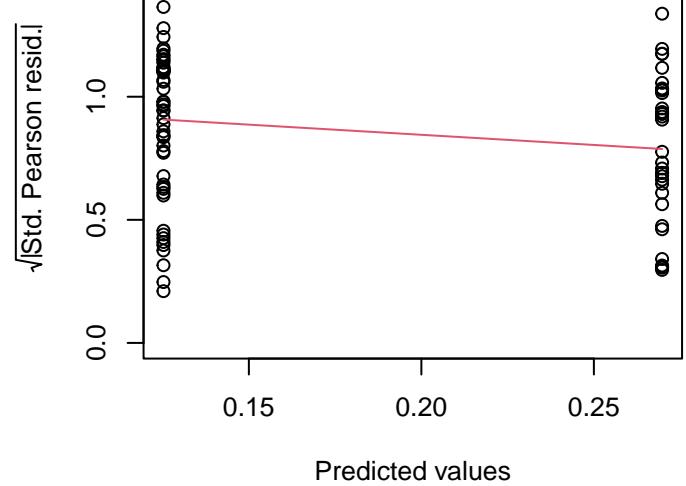
Residuals vs Fitted



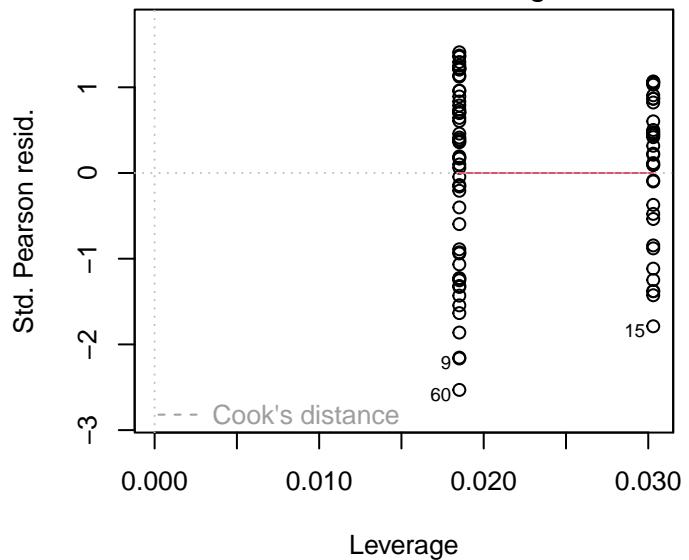
Normal Q–Q



Scale–Location

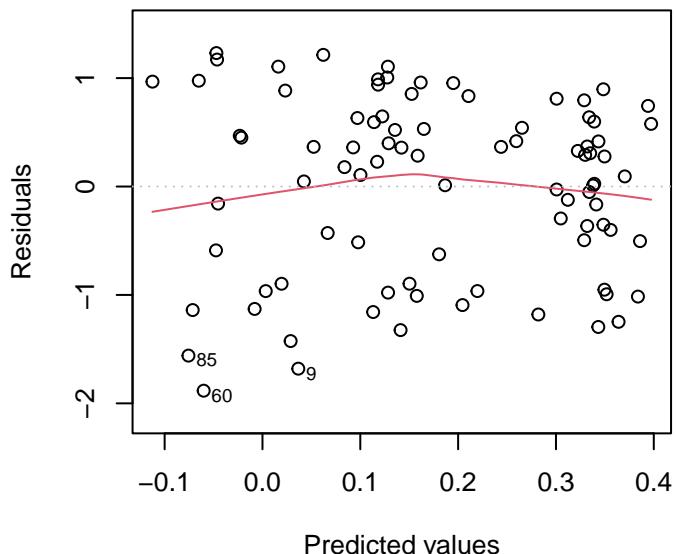


Residuals vs Leverage

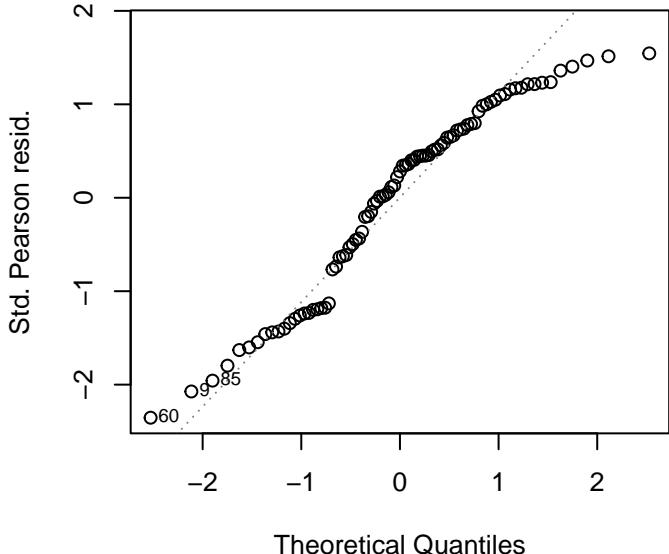


`glm(fdiv_ses ~ julian_date + temp + 1)`

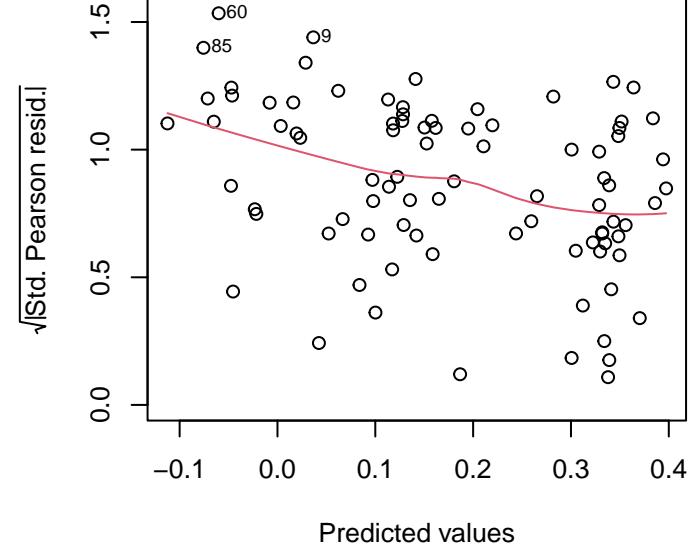
Residuals vs Fitted



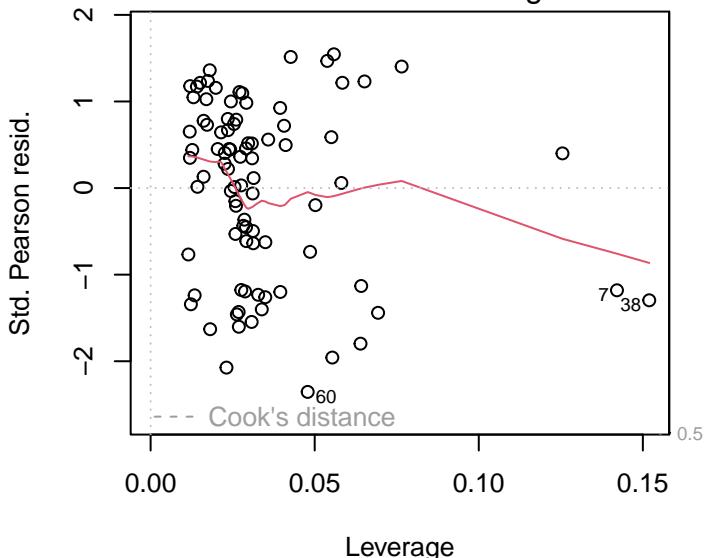
Normal Q–Q



Scale–Location

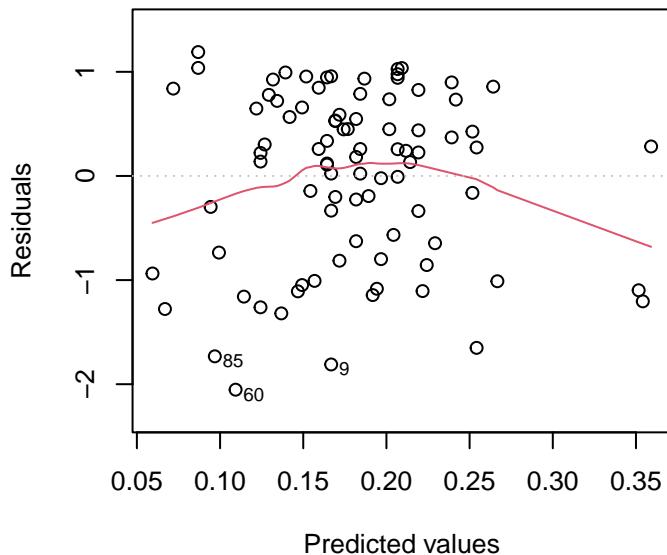


Residuals vs Leverage

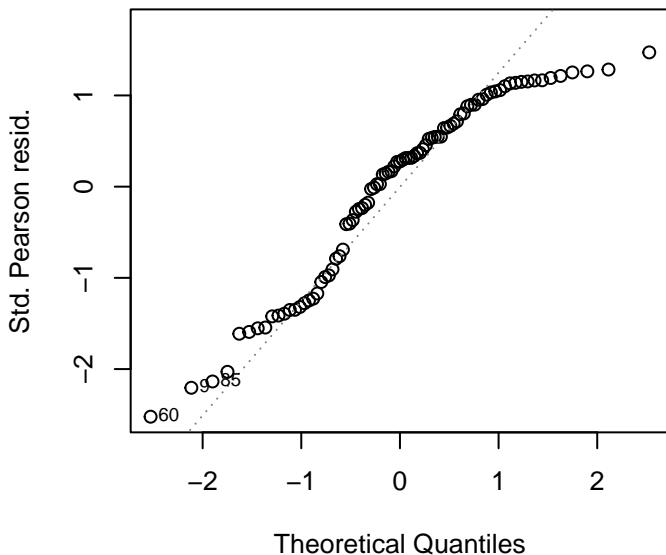


$\text{glm}(\text{fdiv\_ses} \sim \text{temp} + 1)$

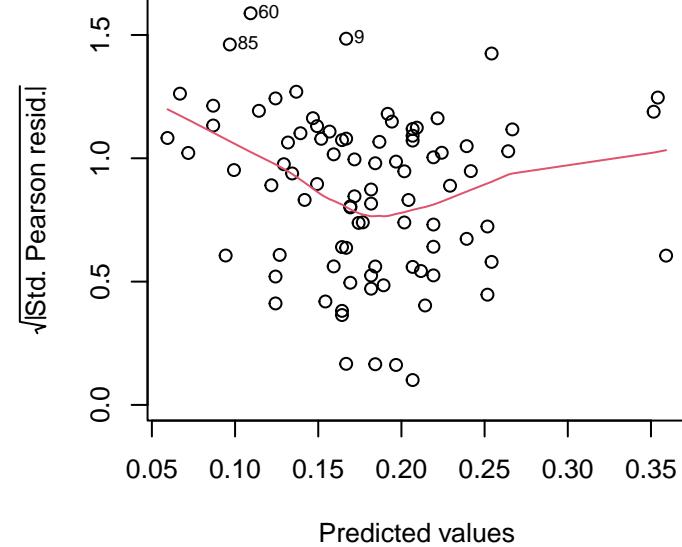
Residuals vs Fitted



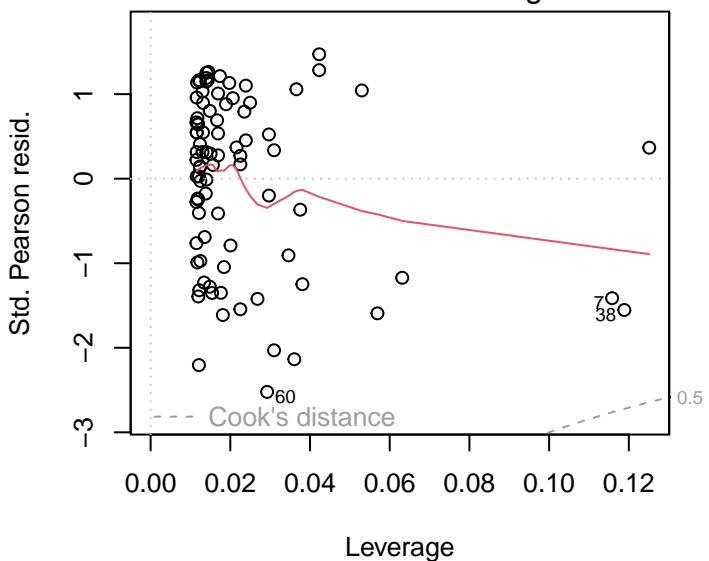
Normal Q–Q



Scale–Location

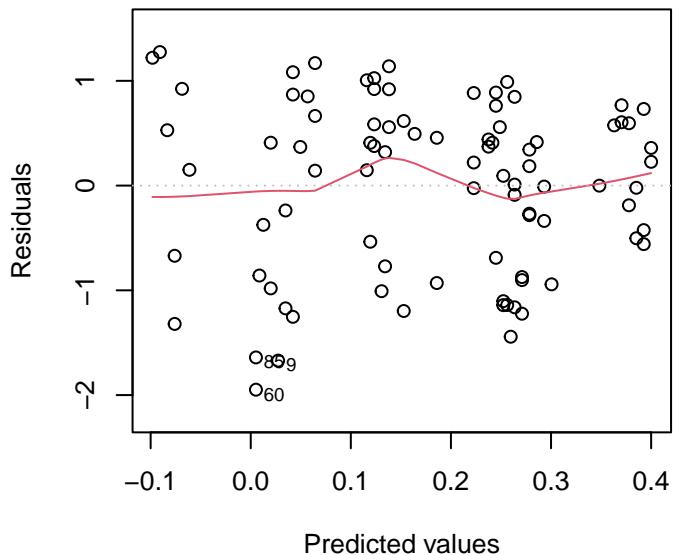


Residuals vs Leverage

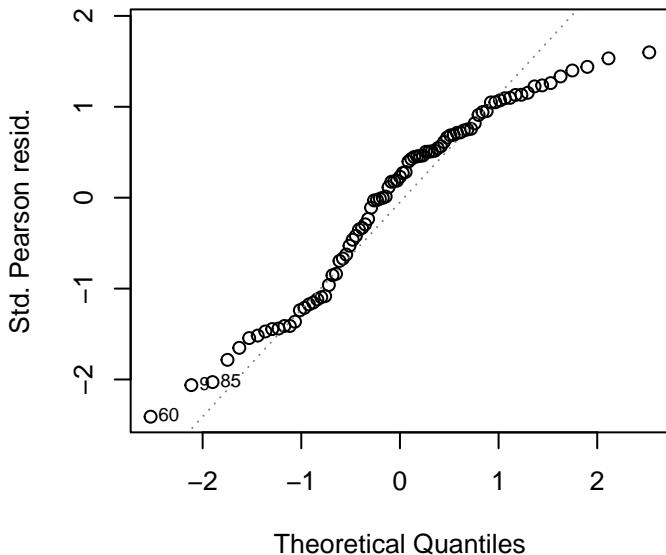


`glm(fdiv_ses ~ fish + julian_date + 1)`

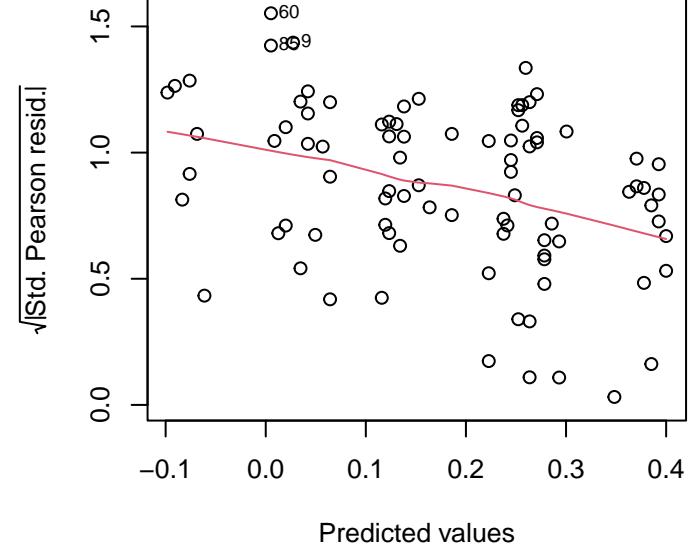
Residuals vs Fitted



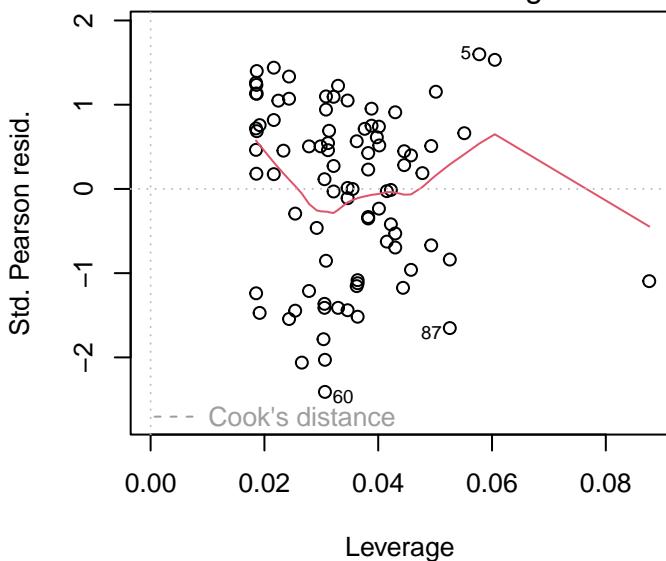
Normal Q–Q



Scale–Location

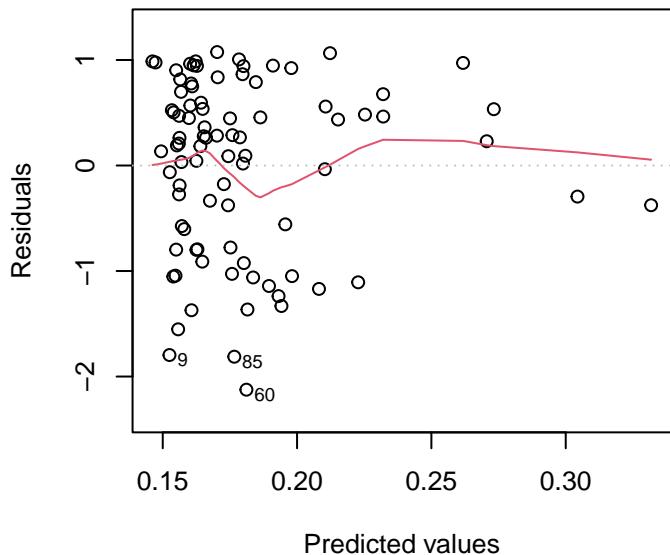


Residuals vs Leverage

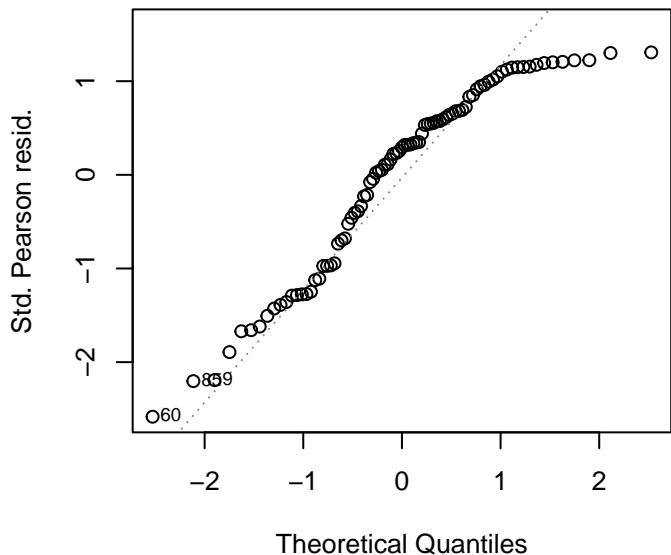


$\text{glm}(\text{fdiv\_ses} \sim \text{area} + 1)$

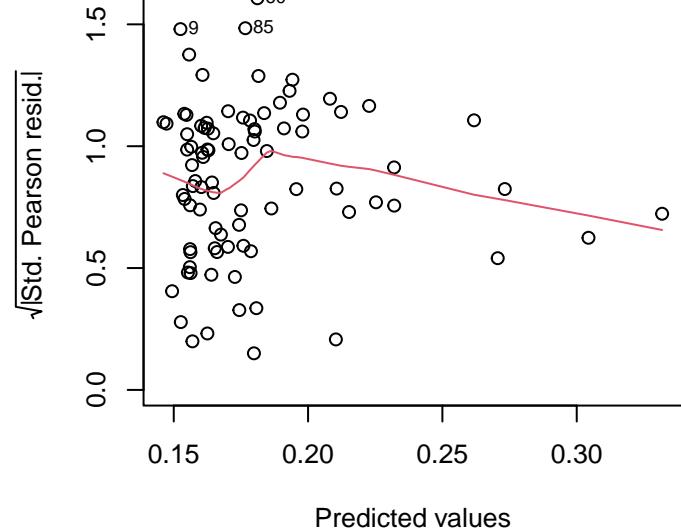
Residuals vs Fitted



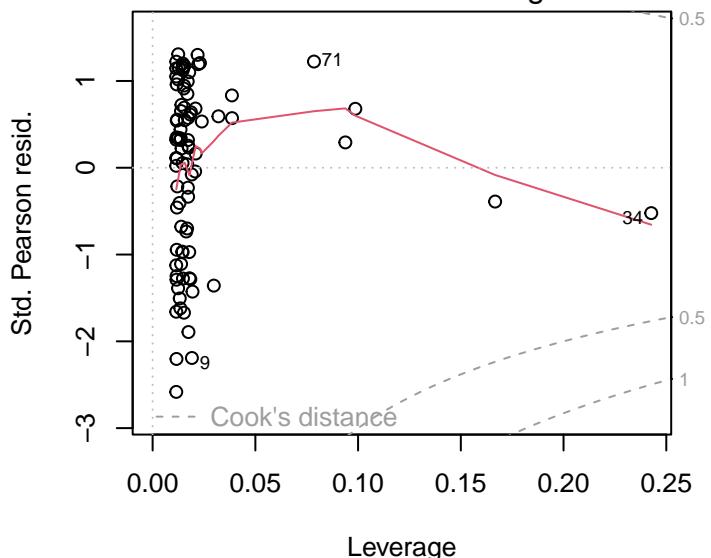
Normal Q–Q



Scale–Location

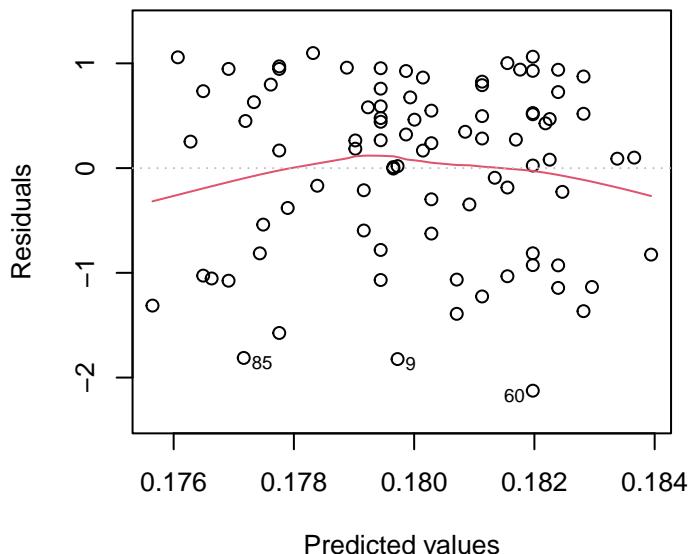


Residuals vs Leverage

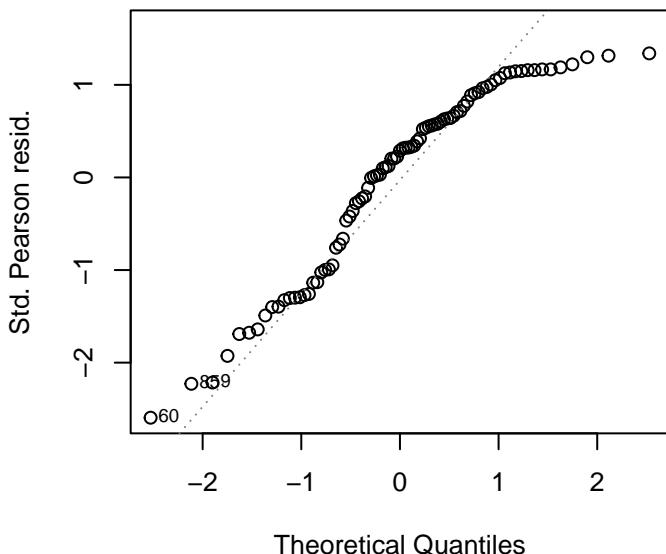


`glm(fdiv_ses ~ time_convert + 1)`

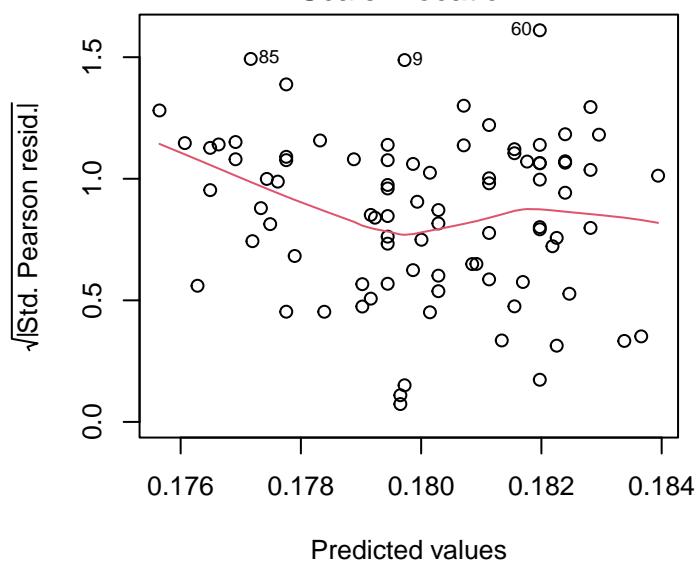
Residuals vs Fitted



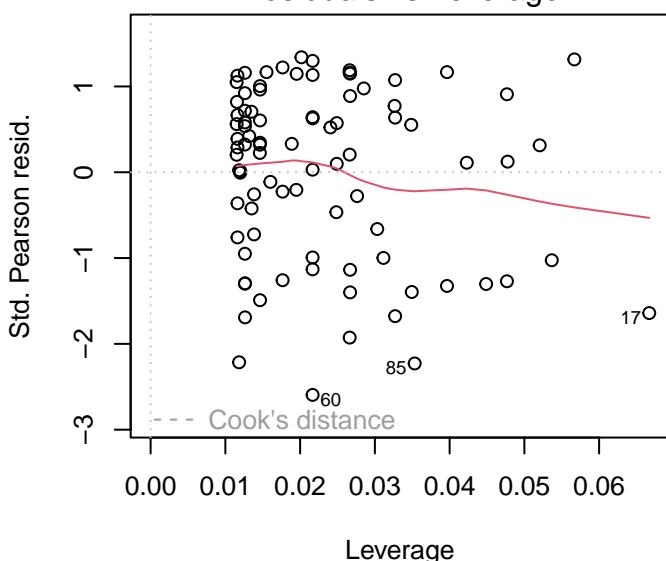
Normal Q–Q



Scale–Location



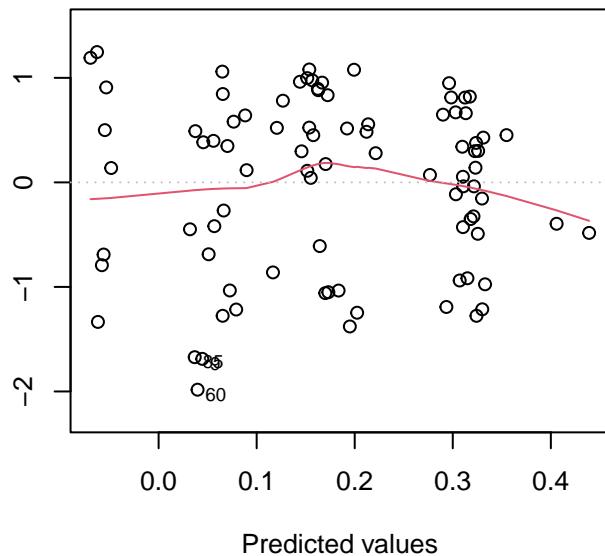
Residuals vs Leverage



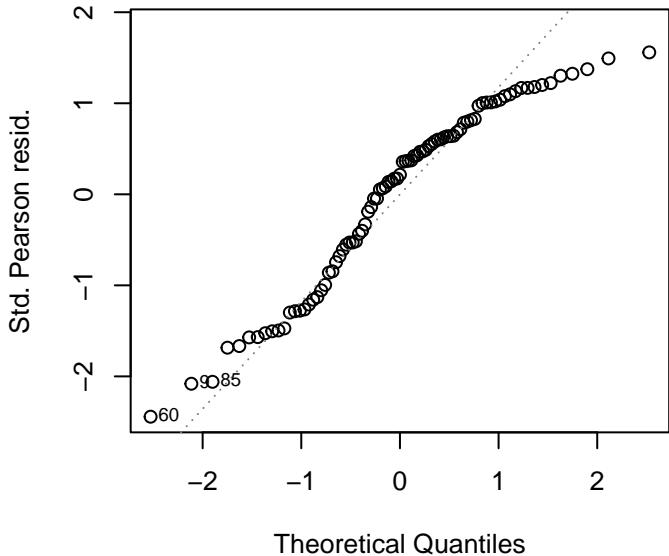
`glm(fdiv_ses ~ area + julian_date + 1)`

Residuals vs Fitted

Residuals

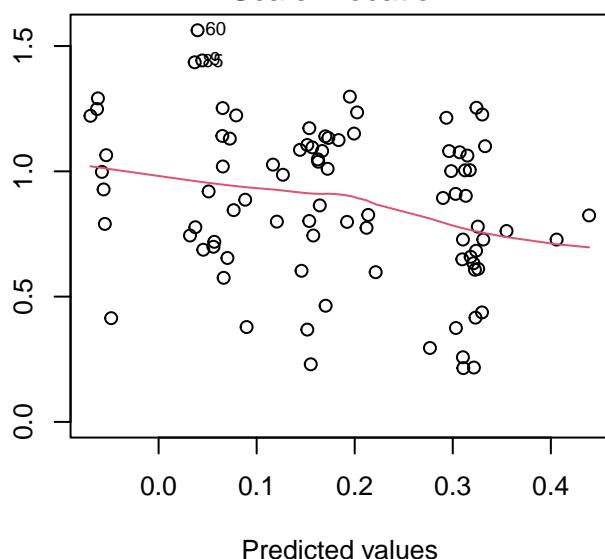


Normal Q–Q

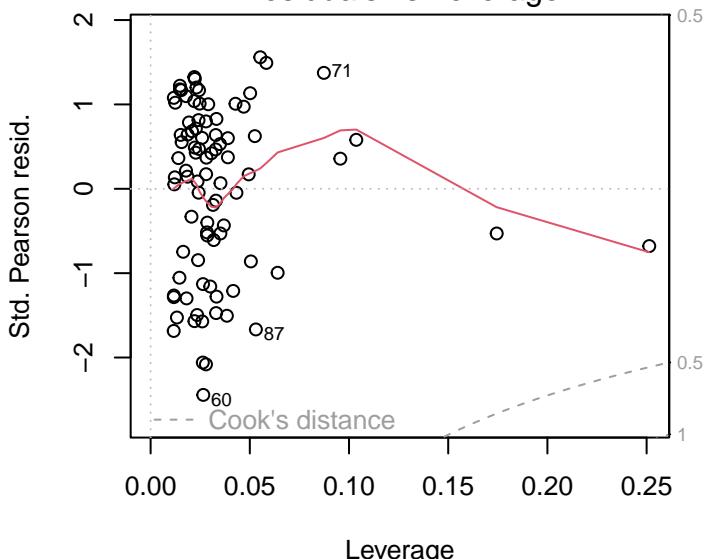


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



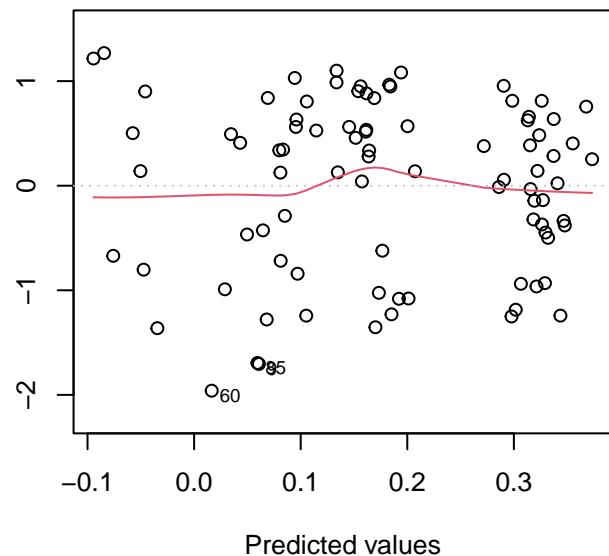
Residuals vs Leverage



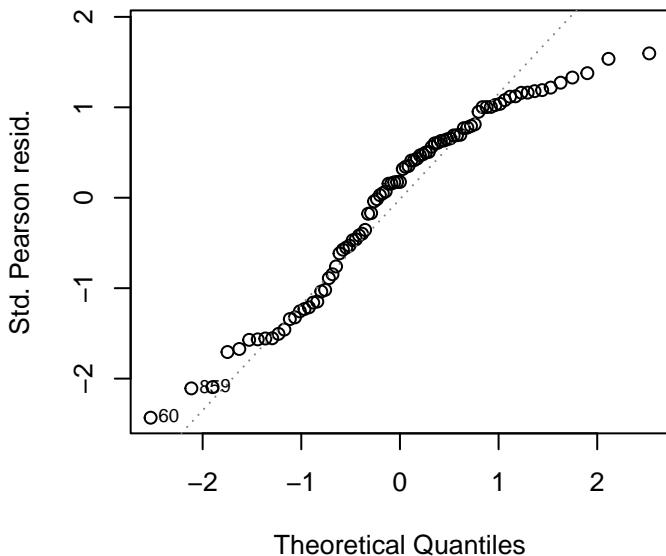
`glm(fdiv_ses ~ julian_date + time_convert + 1)`

Residuals vs Fitted

Residuals



Normal Q–Q

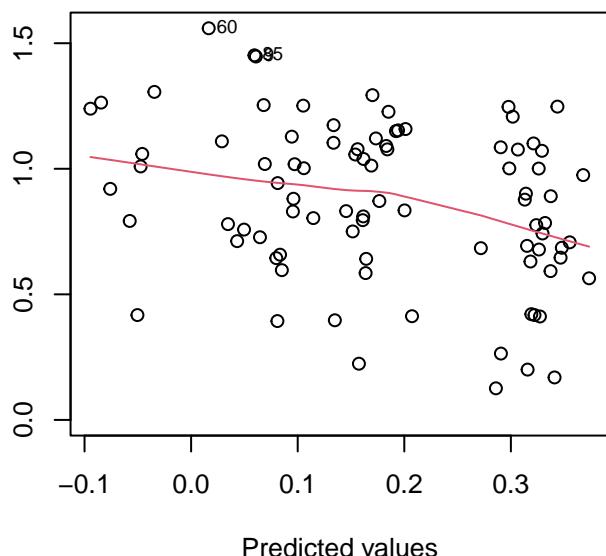


Predicted values

Theoretical Quantiles

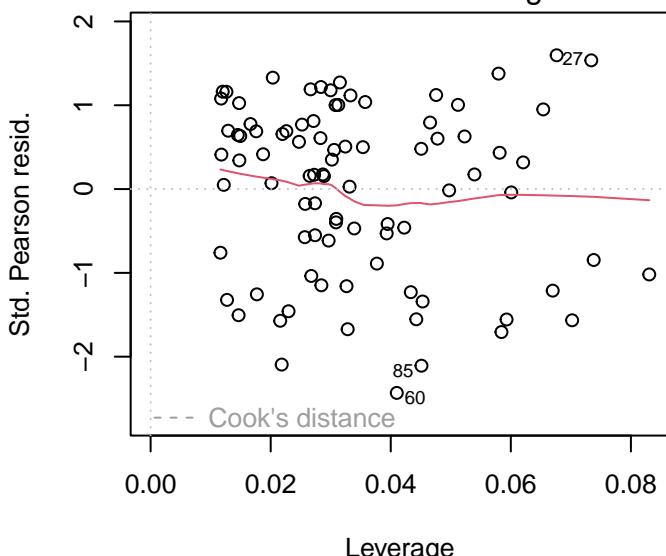
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

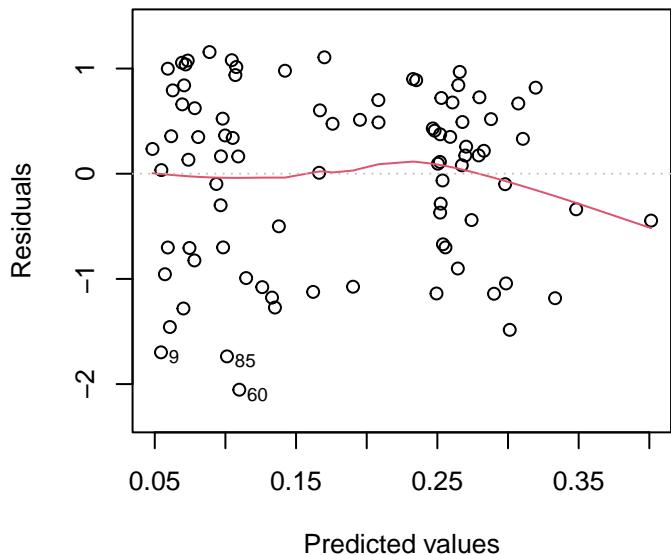
Residuals vs Leverage



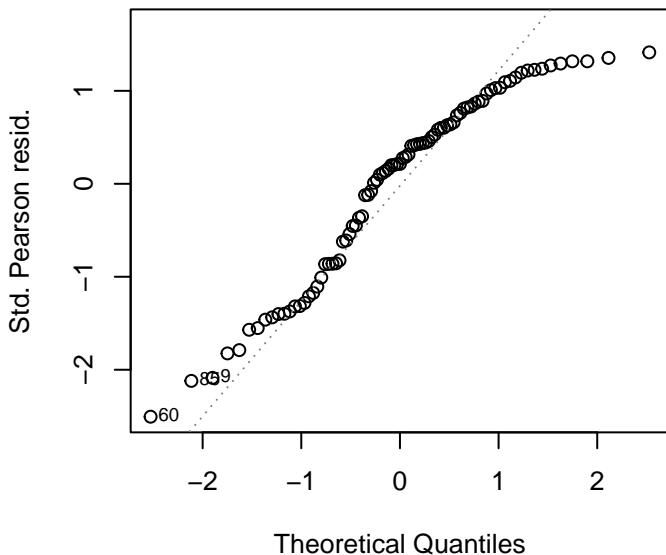
Leverage

$\text{glm}(\text{fdiv\_ses} \sim \text{area} + \text{fish} + 1)$

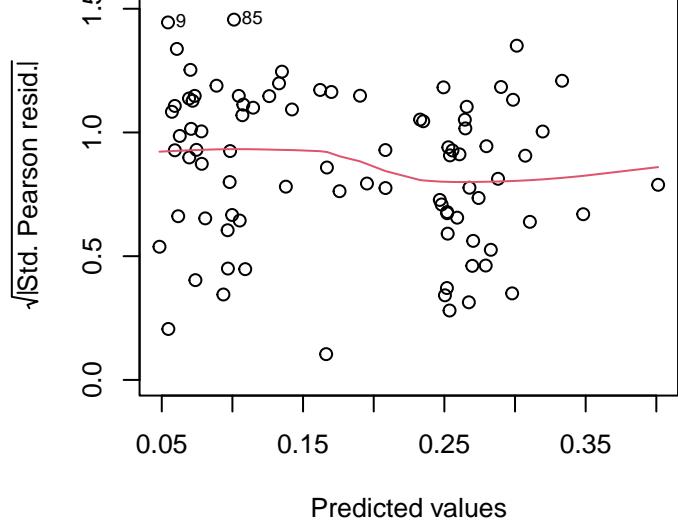
Residuals vs Fitted



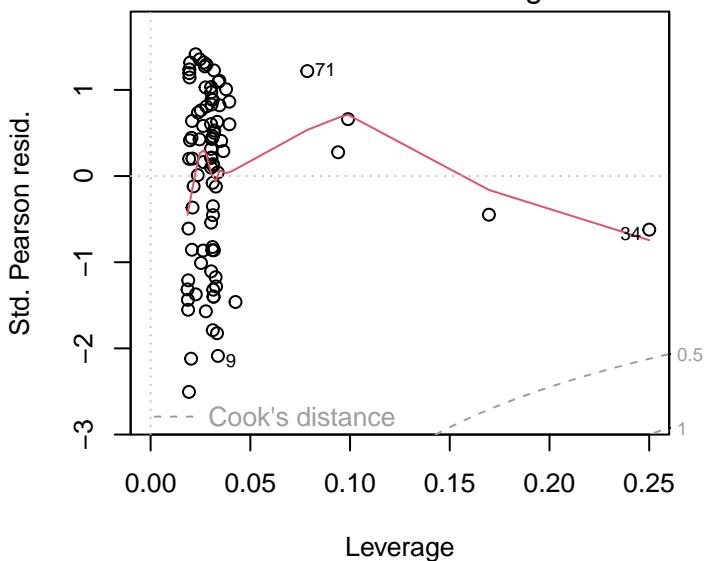
Normal Q–Q



Scale–Location

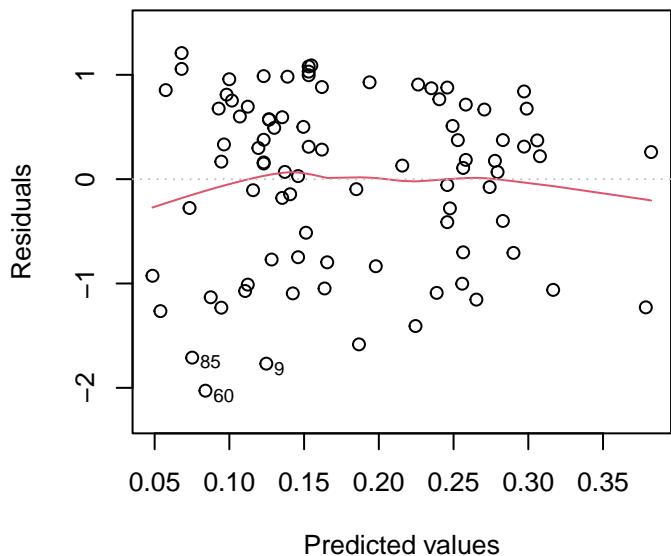


Residuals vs Leverage

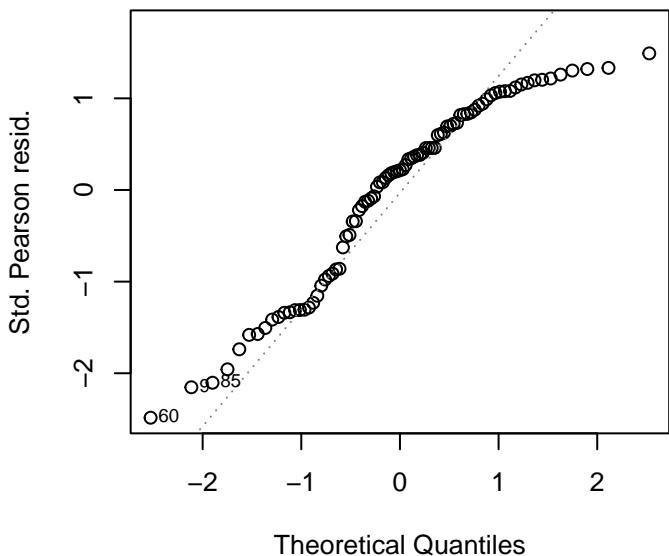


`glm(fdiv_ses ~ fish + temp + 1)`

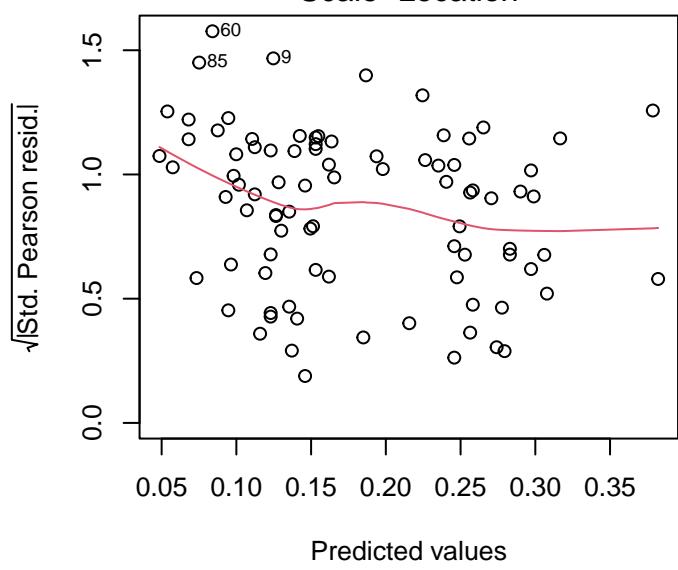
Residuals vs Fitted



Normal Q–Q



Scale–Location

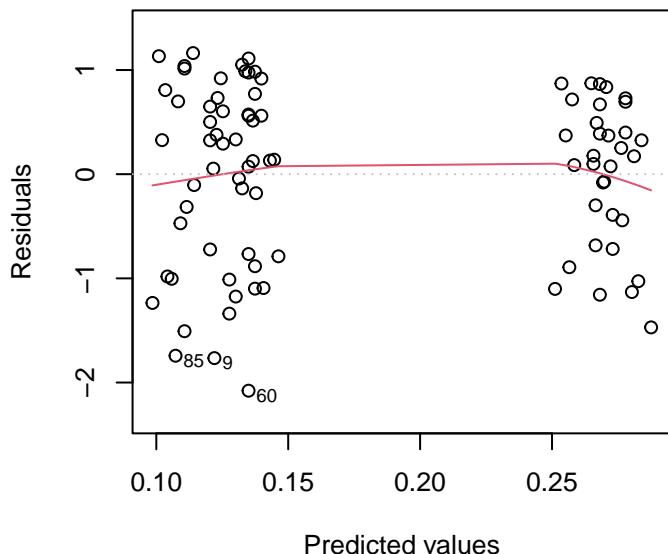


Residuals vs Leverage

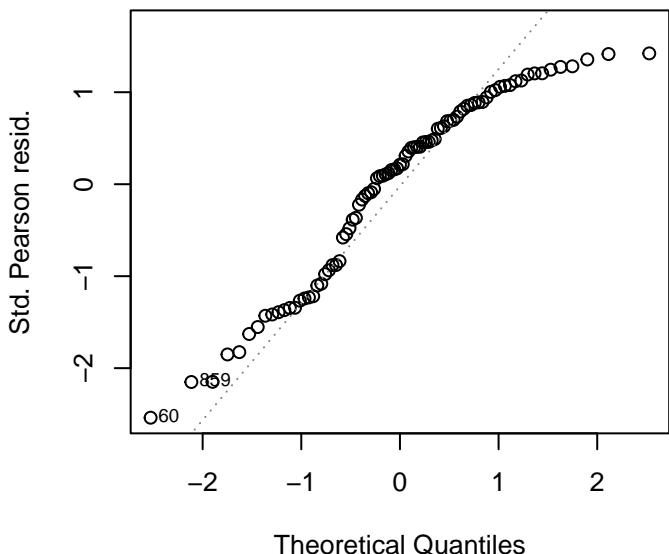


`glm(fdiv_ses ~ fish + time_convert + 1)`

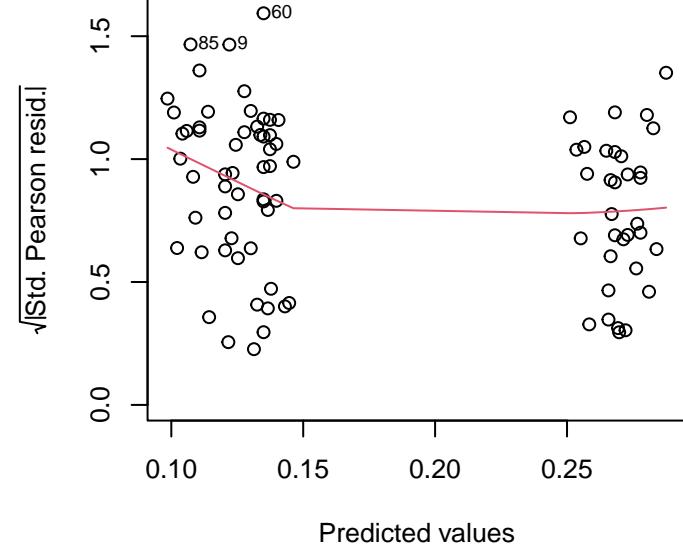
Residuals vs Fitted



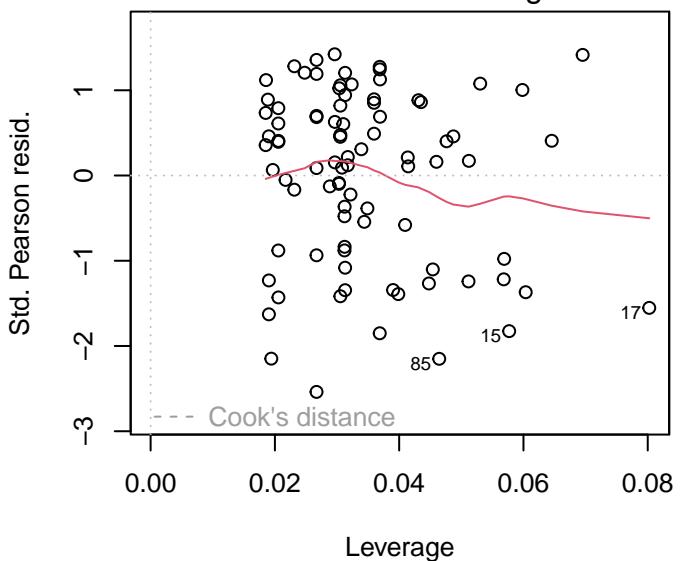
Normal Q–Q



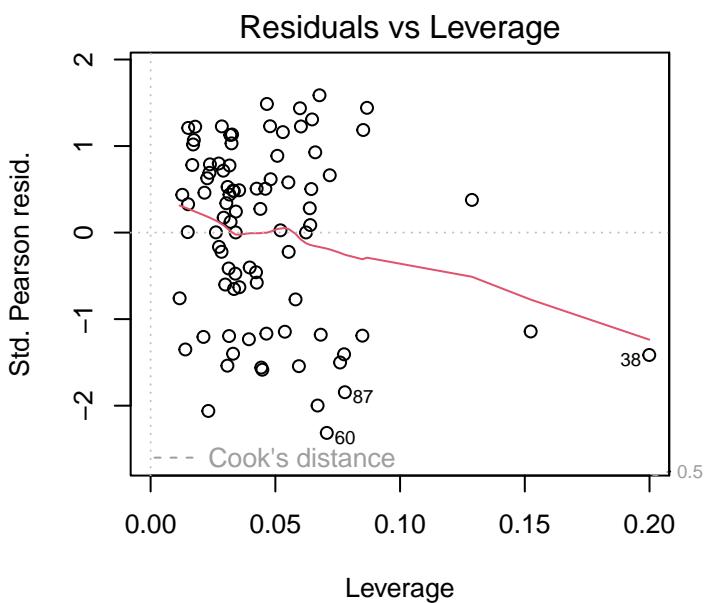
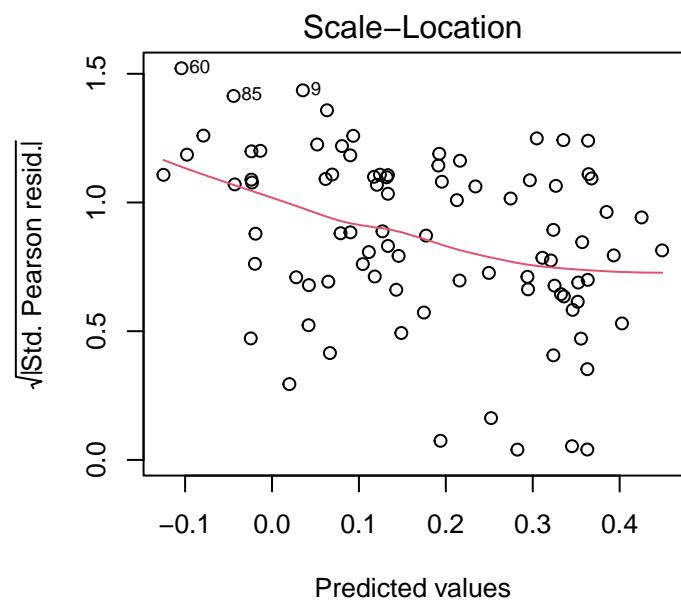
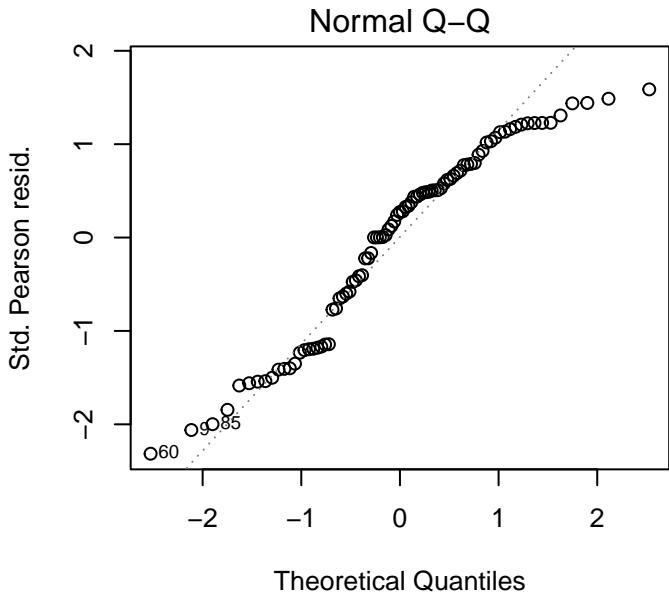
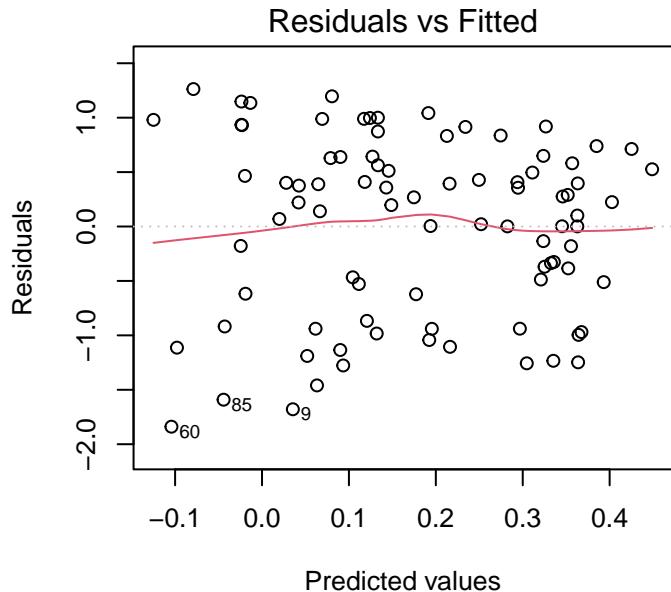
Scale–Location



Residuals vs Leverage



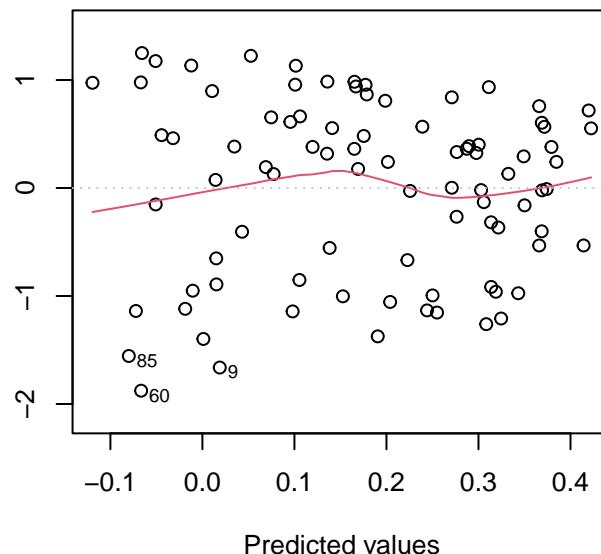
`glm(fdiv_ses ~ julian_date + temp + time_convert + 1)`



`glm(fdiv_ses ~ fish + julian_date + temp + 1)`

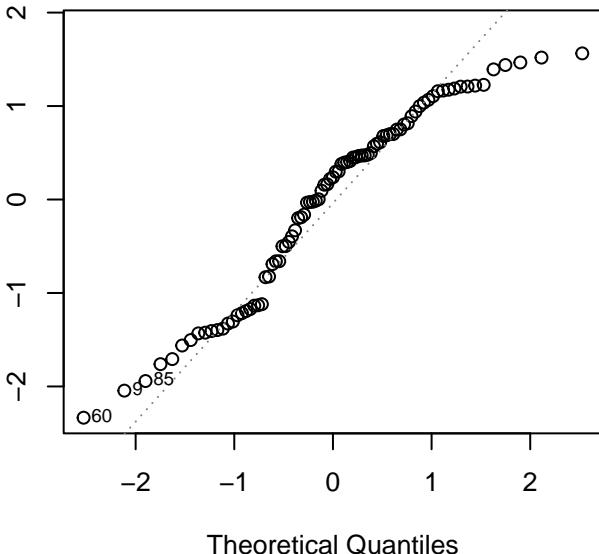
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

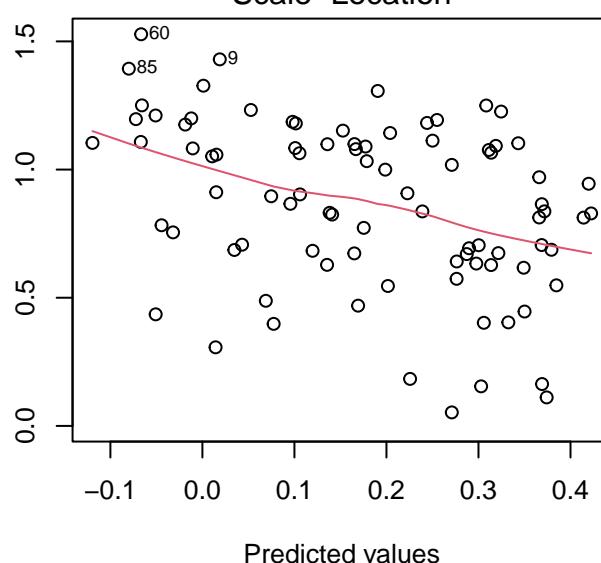


Predicted values

Theoretical Quantiles

Scale–Location

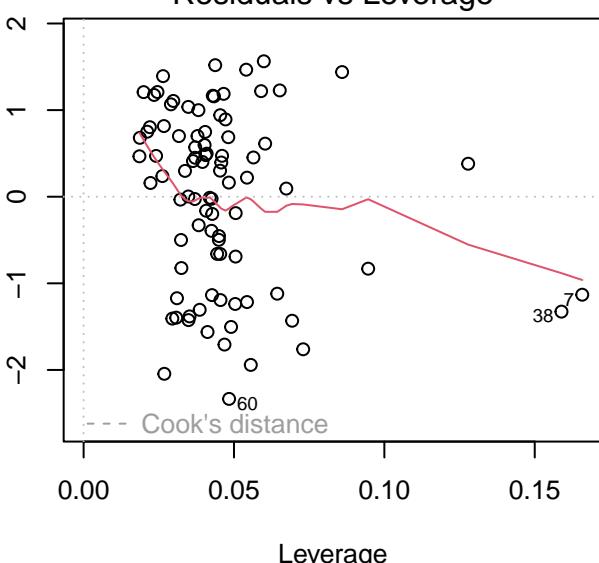
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

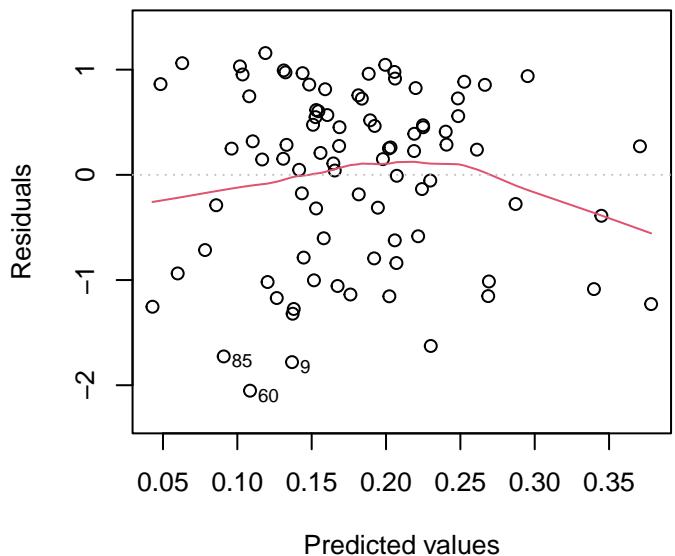


Leverage

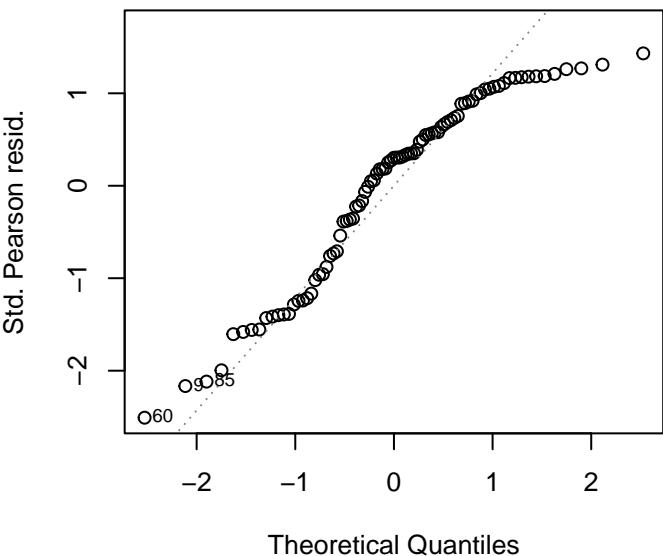
Cook's distance

`glm(fdiv_ses ~ area + temp + 1)`

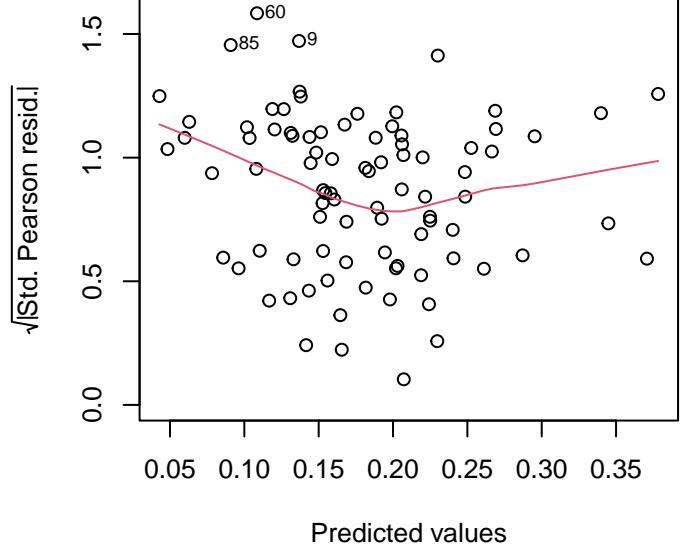
Residuals vs Fitted



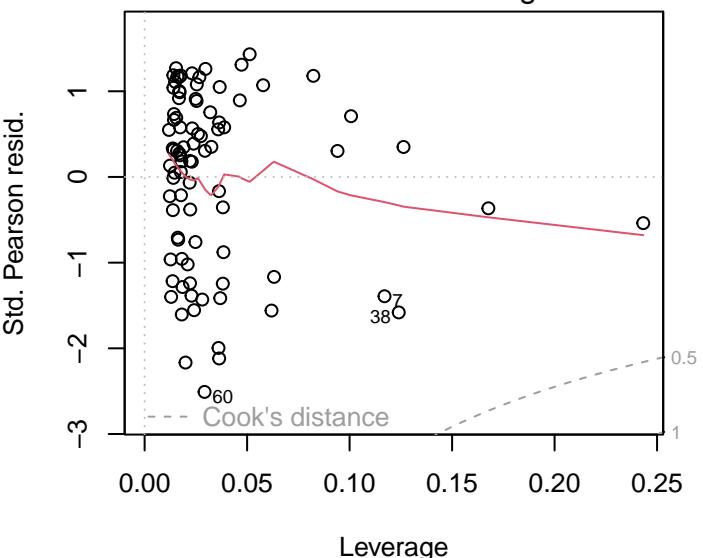
Normal Q–Q



Scale–Location



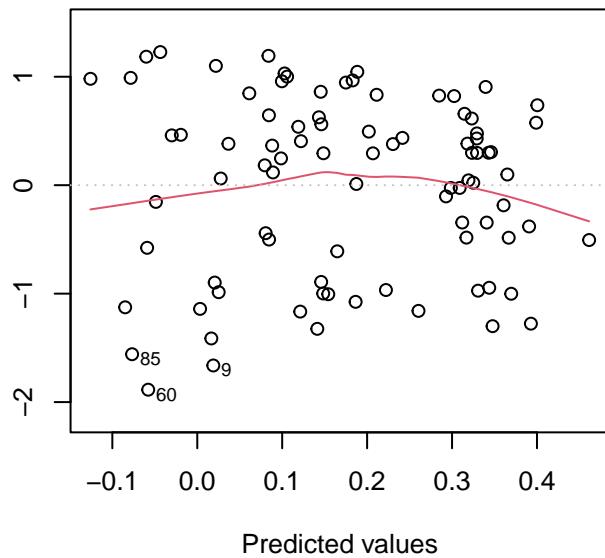
Residuals vs Leverage



`glm(fdiv_ses ~ area + julian_date + temp + 1)`

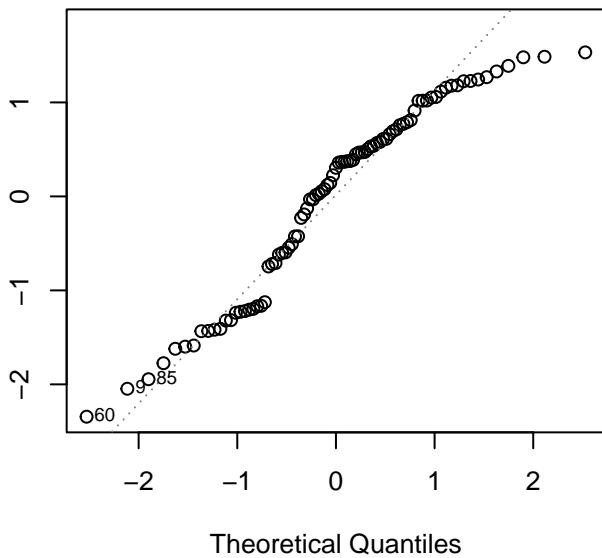
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

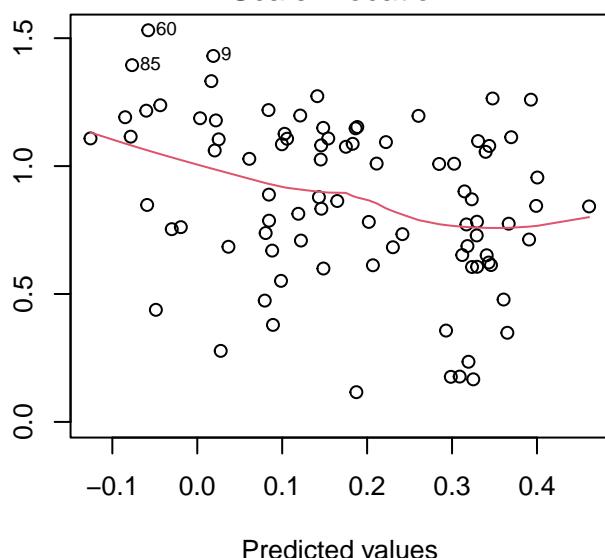


Predicted values

Theoretical Quantiles

Scale–Location

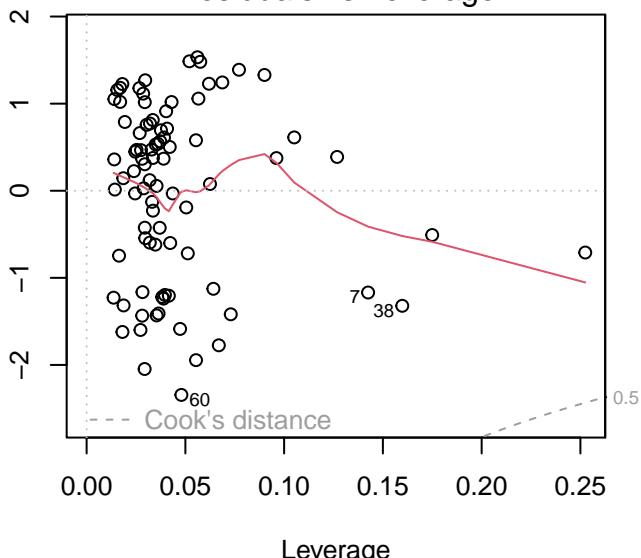
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

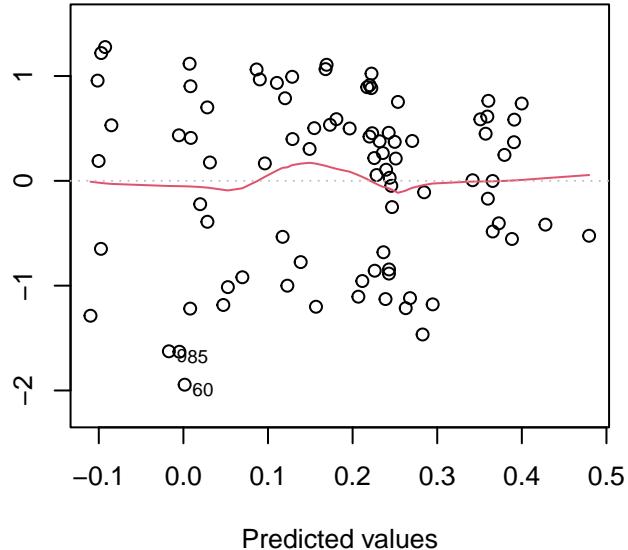


Leverage

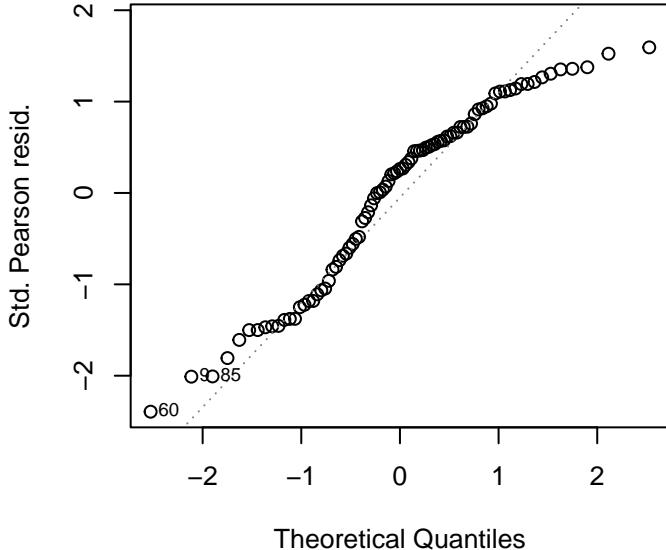
`glm(fdiv_ses ~ area + fish + julian_date + 1)`

Residuals vs Fitted

Residuals



Normal Q–Q

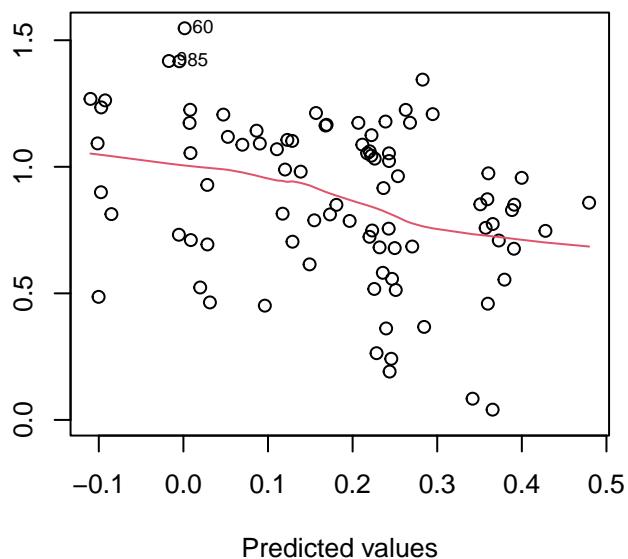


Predicted values

Theoretical Quantiles

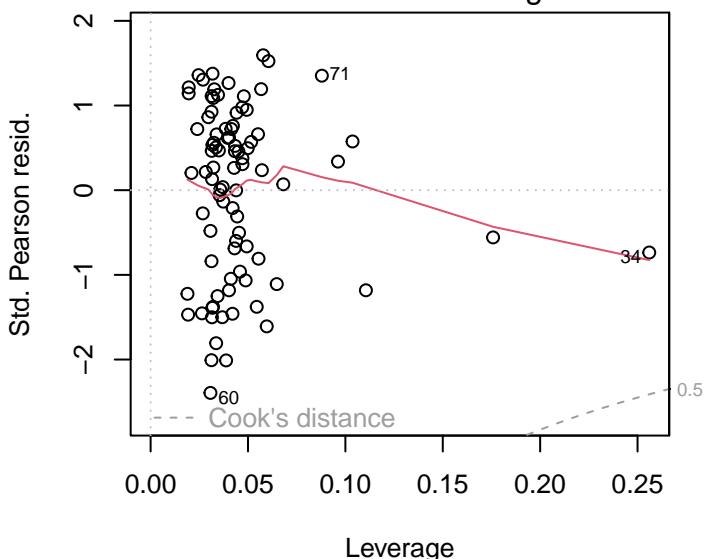
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

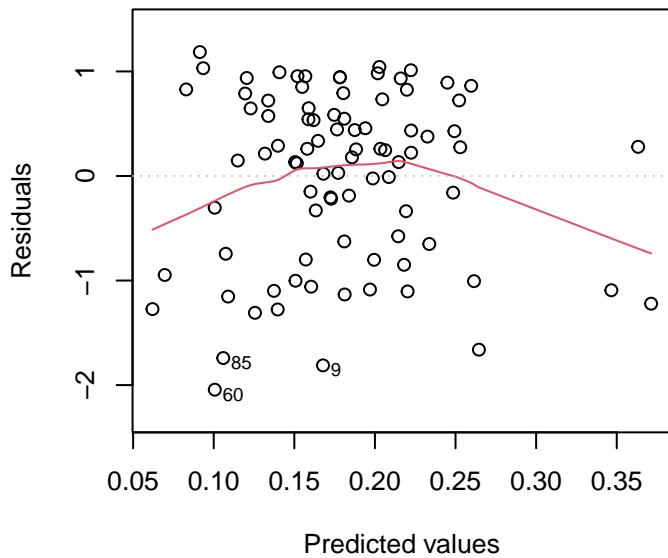
Residuals vs Leverage



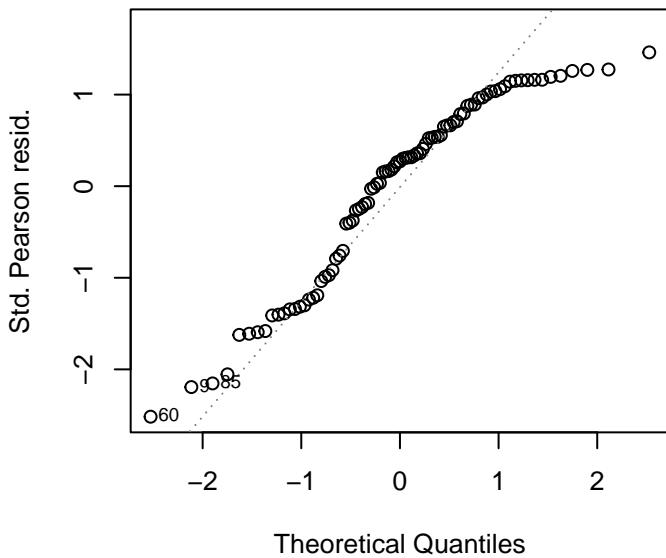
Leverage

`glm(fdiv_ses ~ temp + time_convert + 1)`

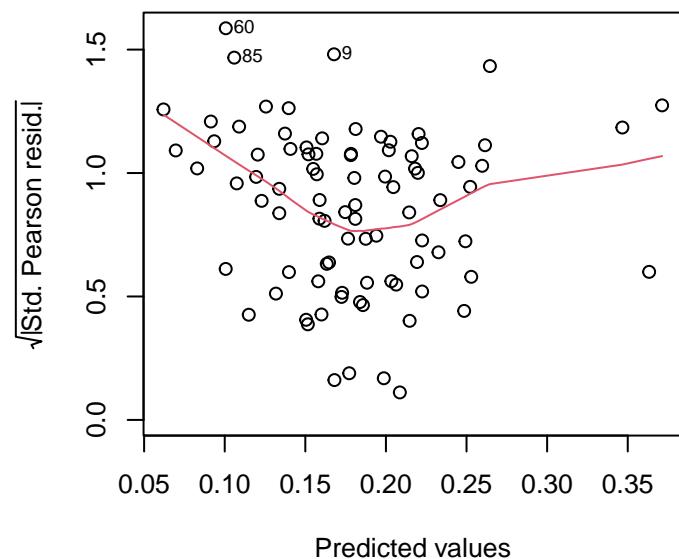
Residuals vs Fitted



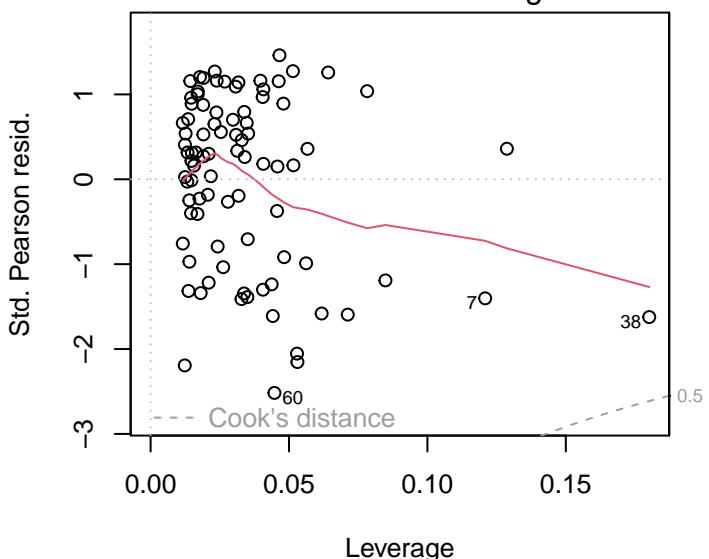
Normal Q–Q



Scale–Location



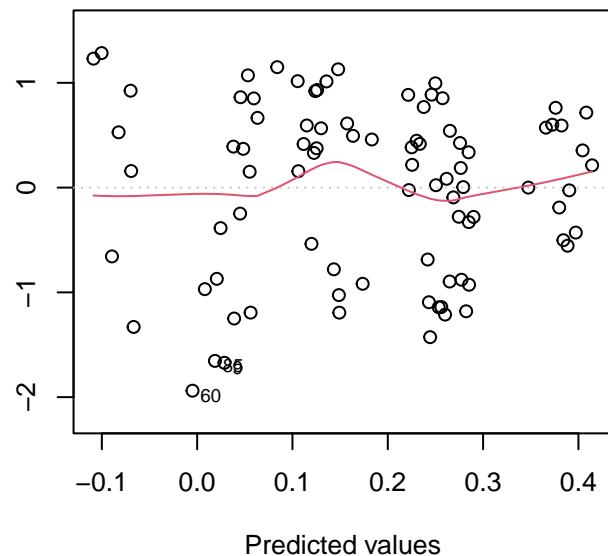
Residuals vs Leverage



`glm(fdiv_ses ~ fish + julian_date + time_convert + 1)`

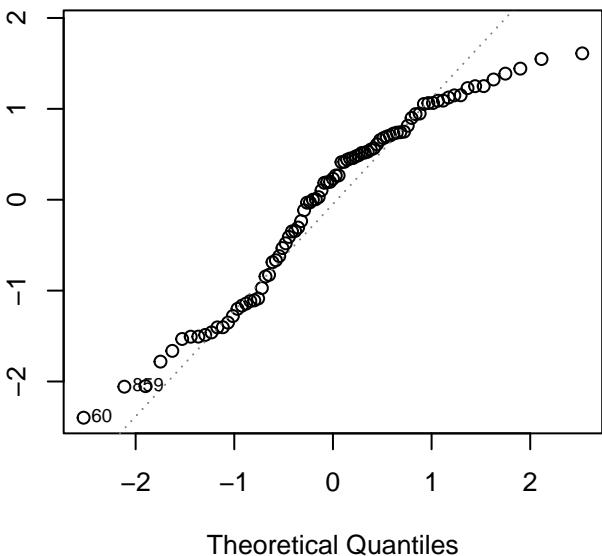
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

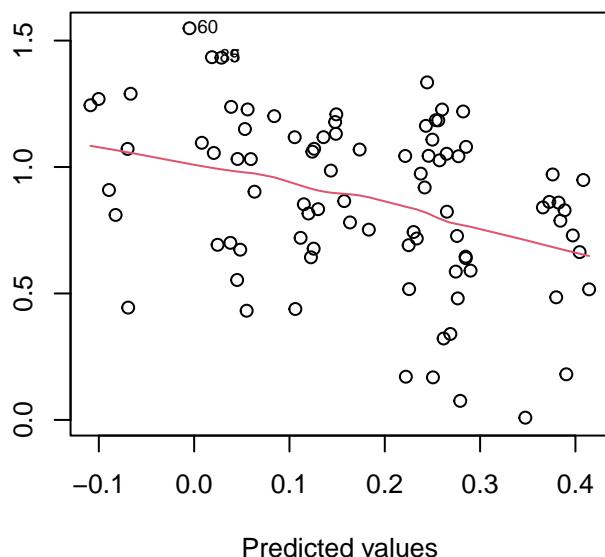


Predicted values

Theoretical Quantiles

Scale–Location

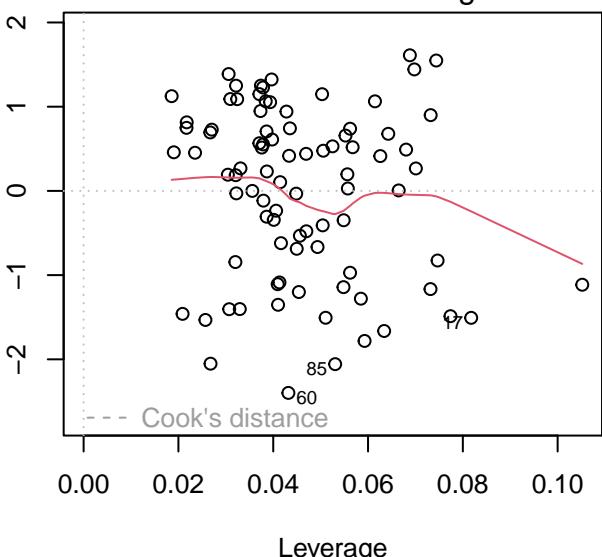
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

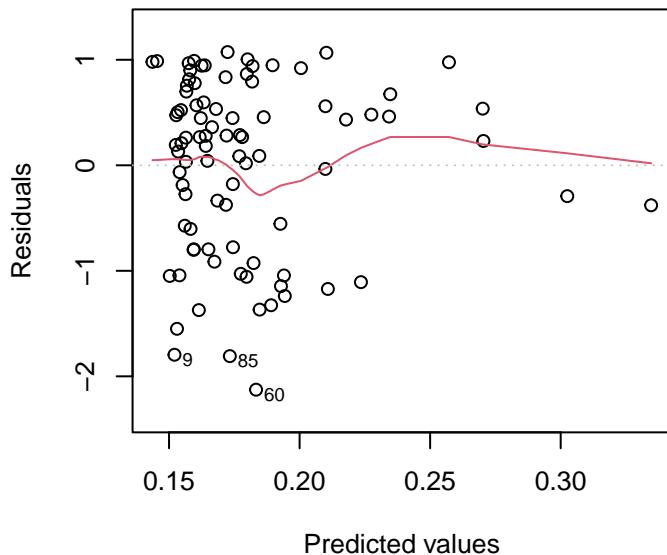


Leverage

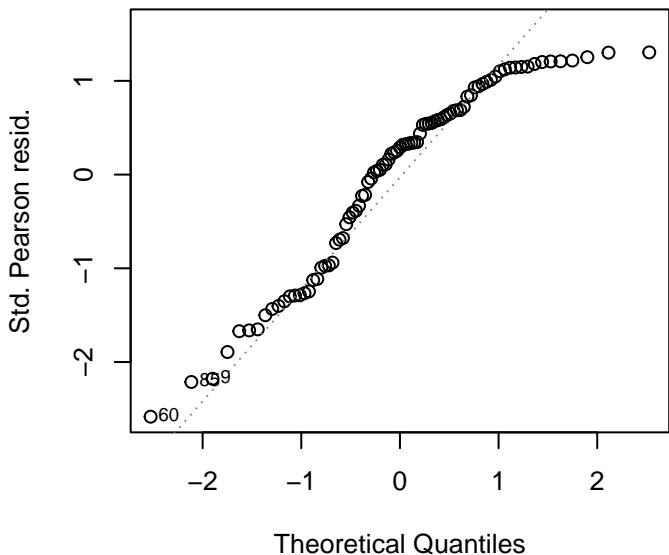
--- Cook's distance

`glm(fdiv_ses ~ area + time_convert + 1)`

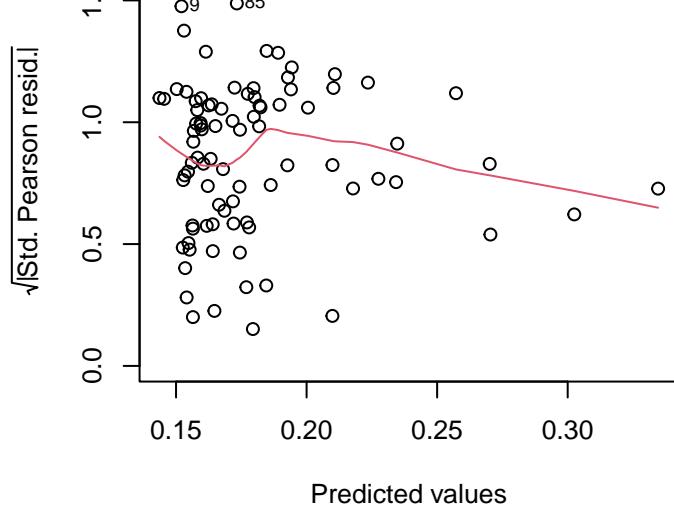
Residuals vs Fitted



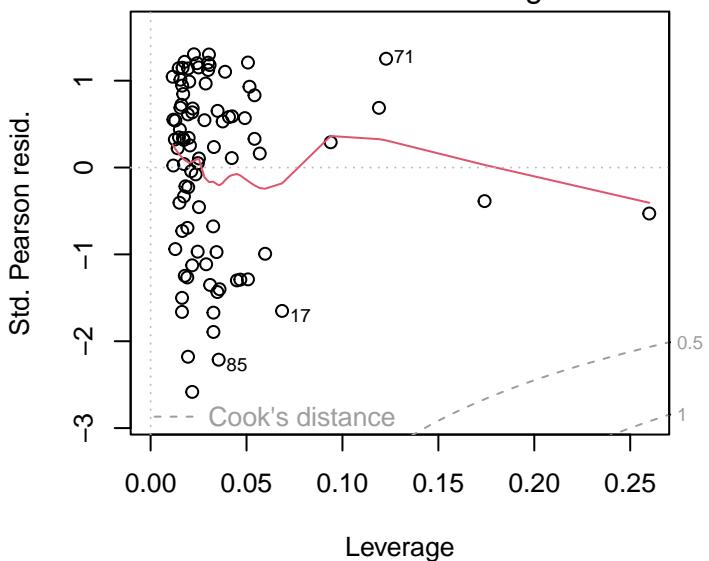
Normal Q–Q



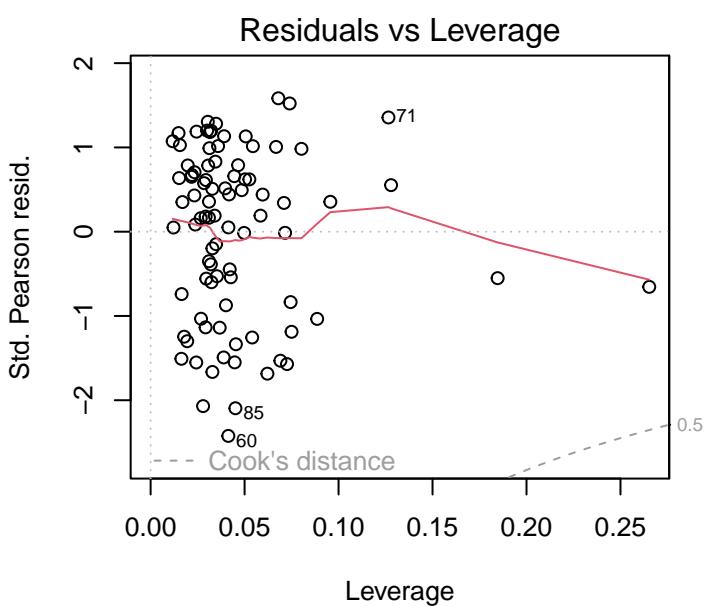
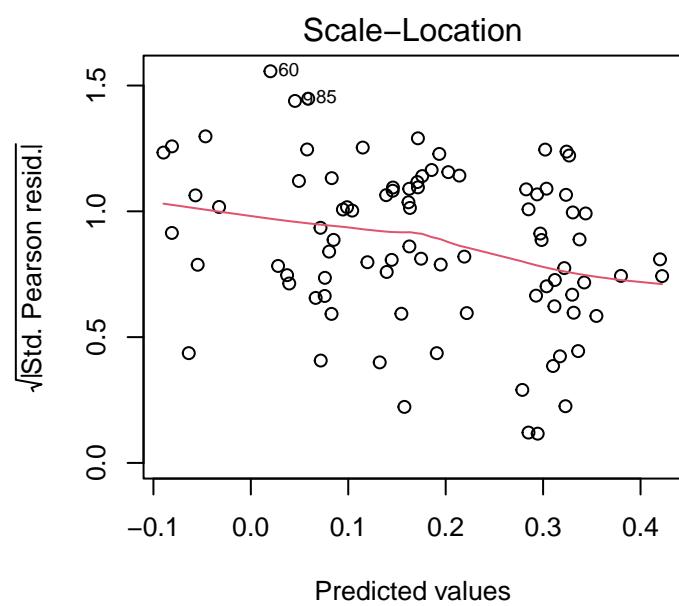
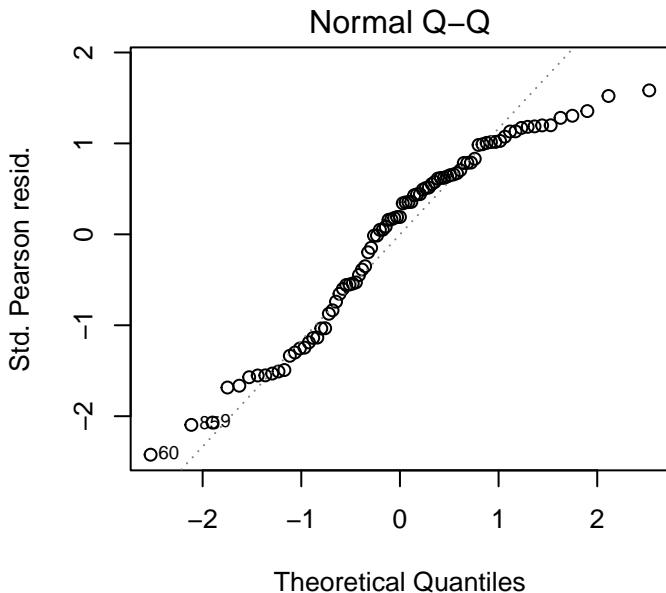
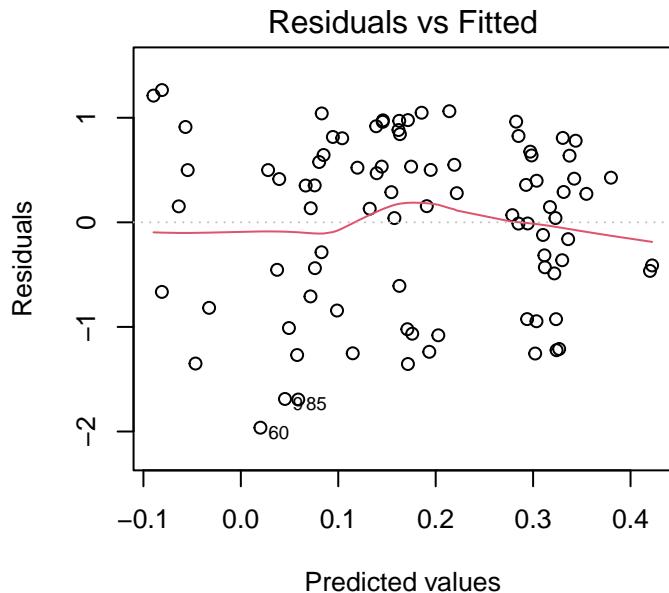
Scale–Location



Residuals vs Leverage

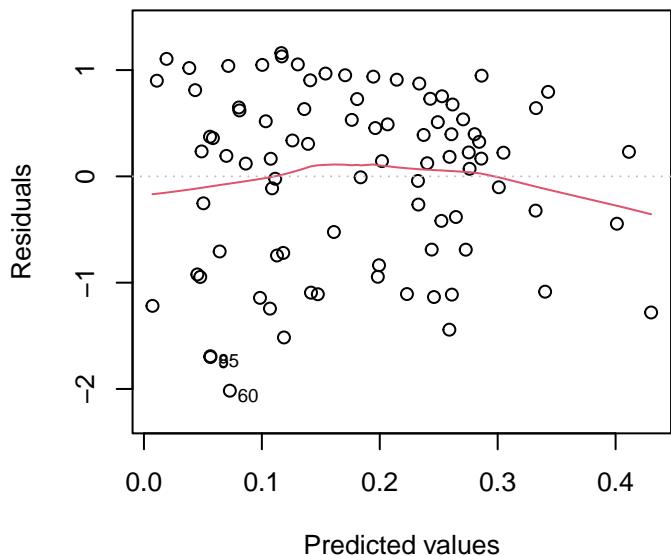


`glm(fdiv_ses ~ area + julian_date + time_convert + 1)`

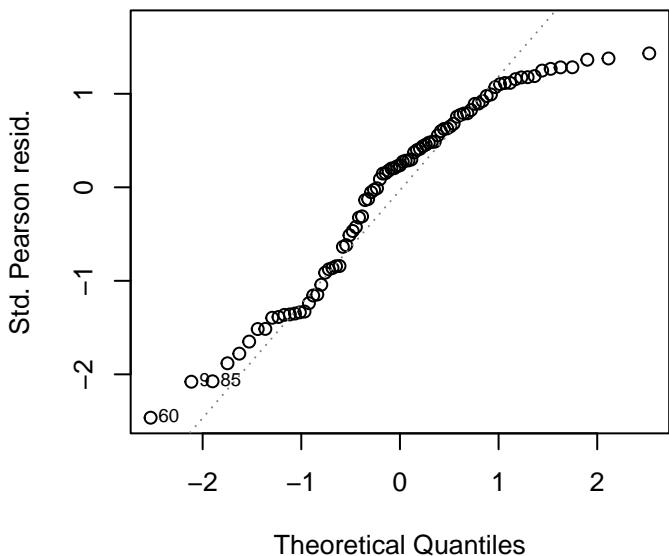


$\text{glm}(\text{fdiv\_ses} \sim \text{area} + \text{fish} + \text{temp} + 1)$

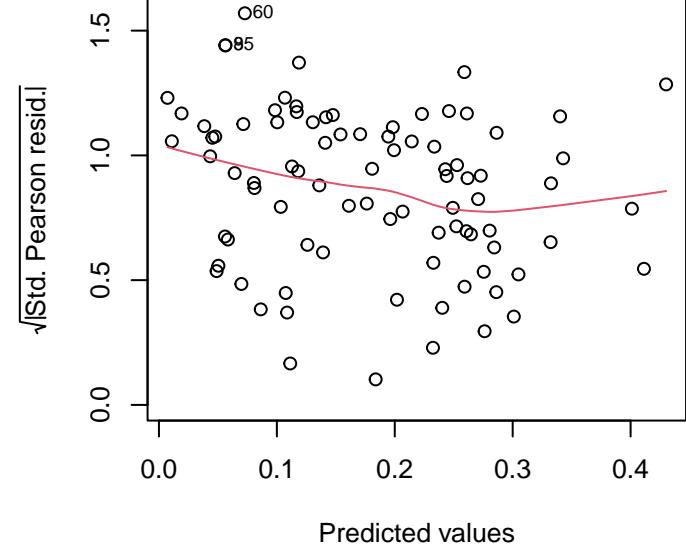
Residuals vs Fitted



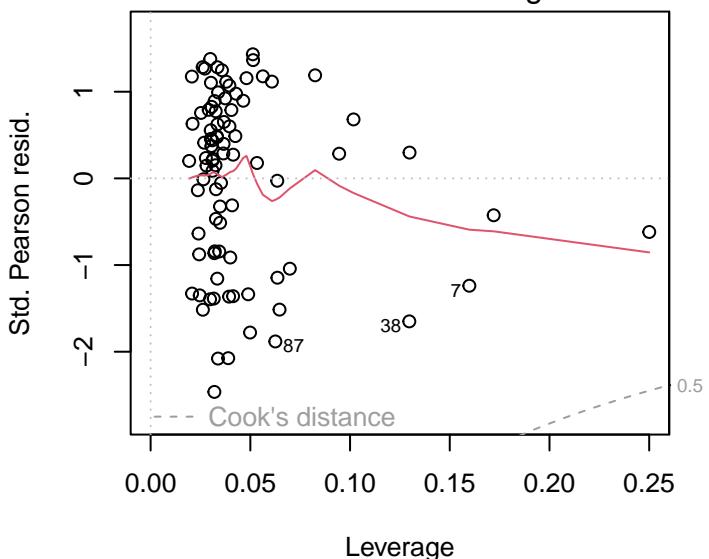
Normal Q–Q



Scale–Location

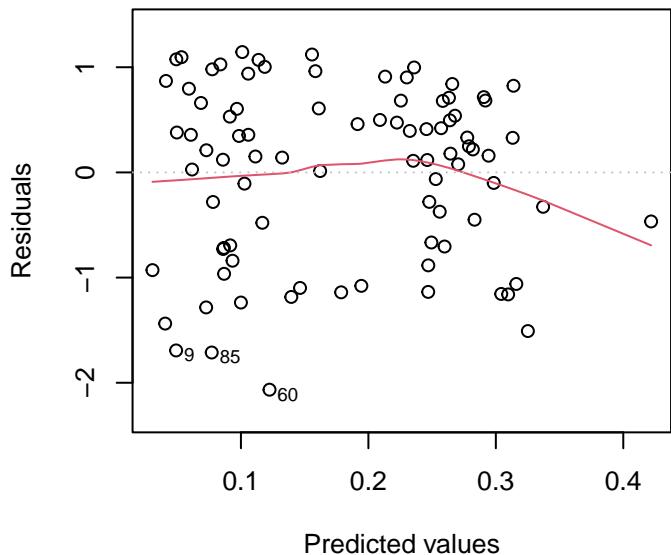


Residuals vs Leverage

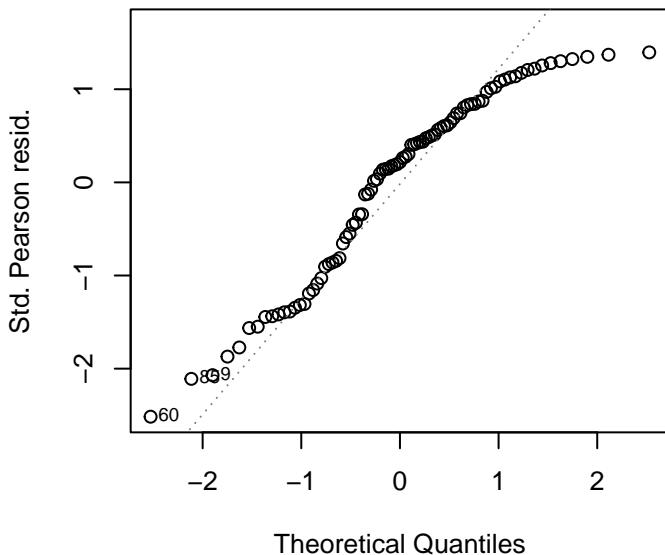


`glm(fdiv_ses ~ area + fish + time_convert + 1)`

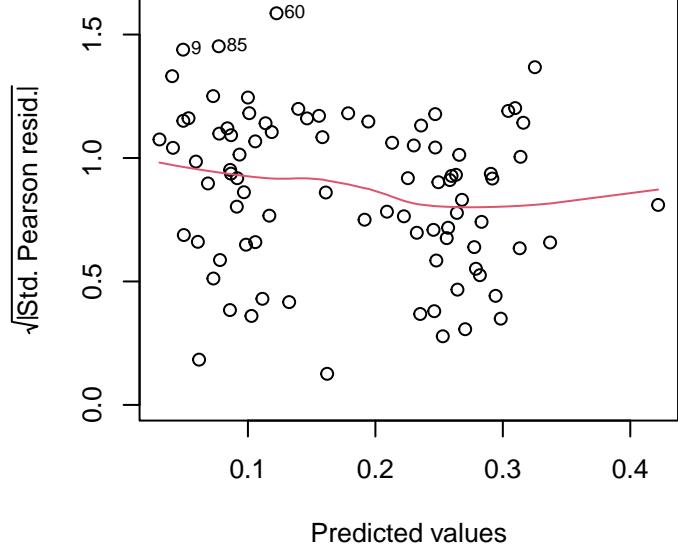
Residuals vs Fitted



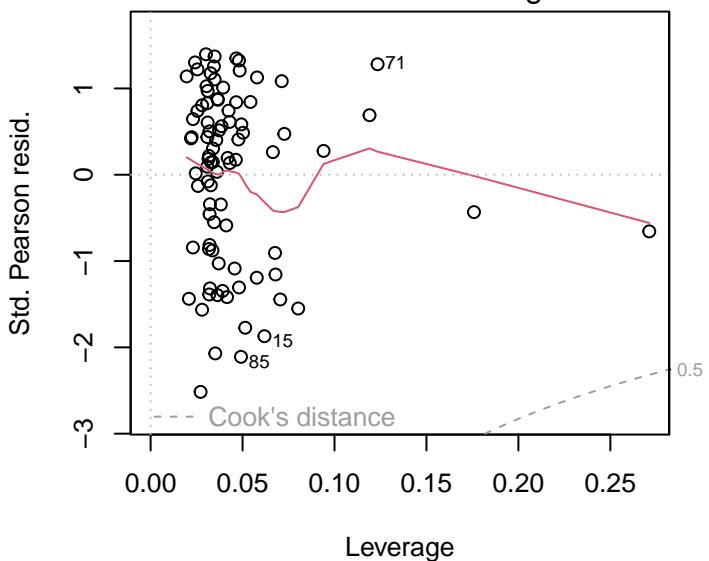
Normal Q–Q



Scale–Location

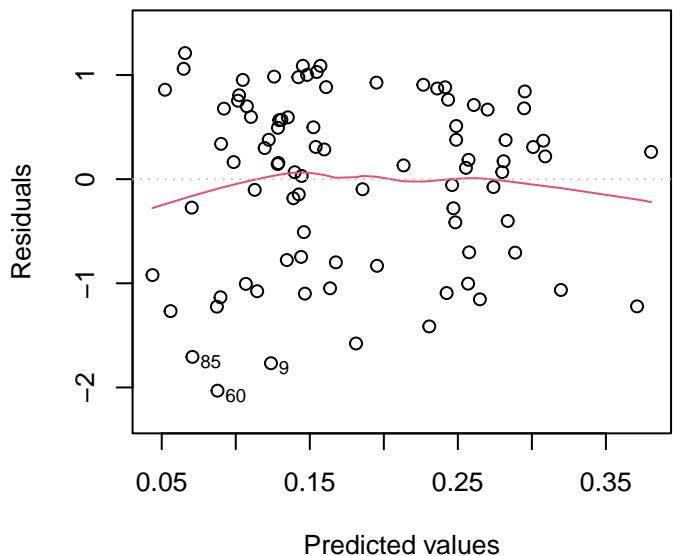


Residuals vs Leverage

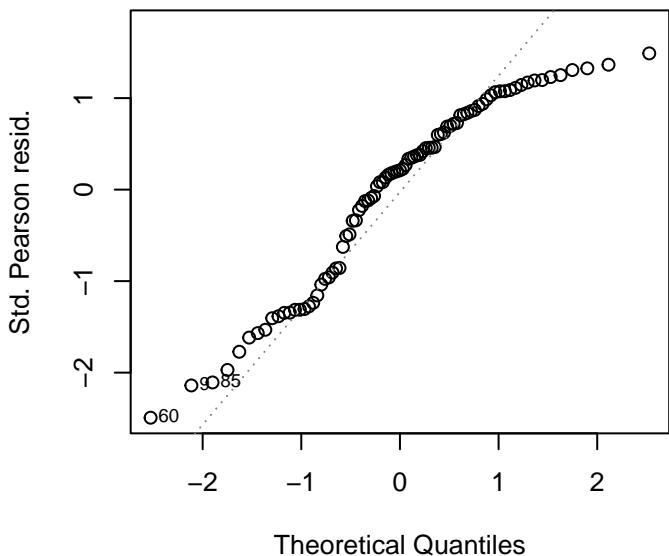


`glm(fdiv_ses ~ fish + temp + time_convert + 1)`

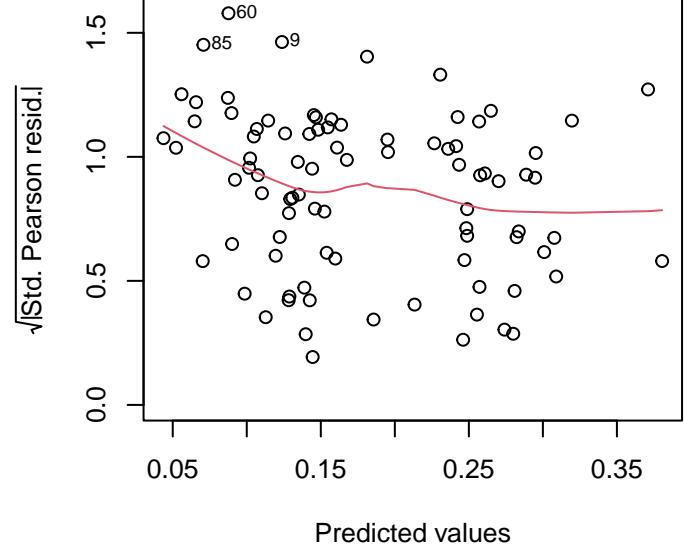
Residuals vs Fitted



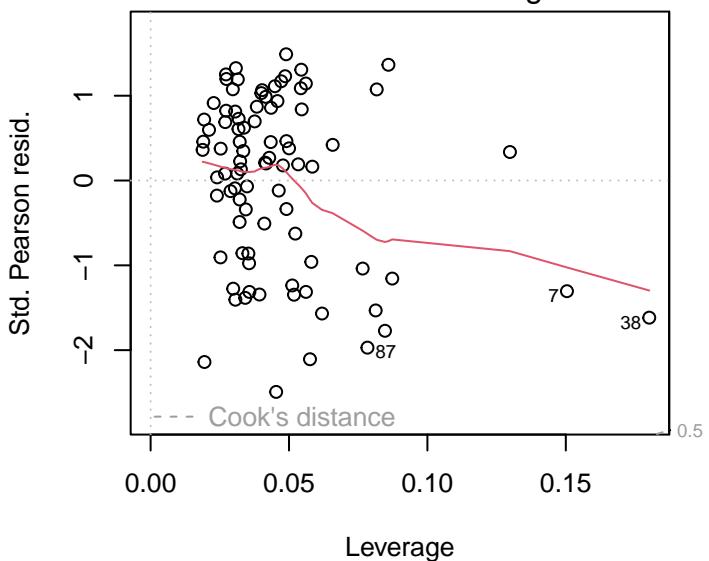
Normal Q–Q



Scale–Location



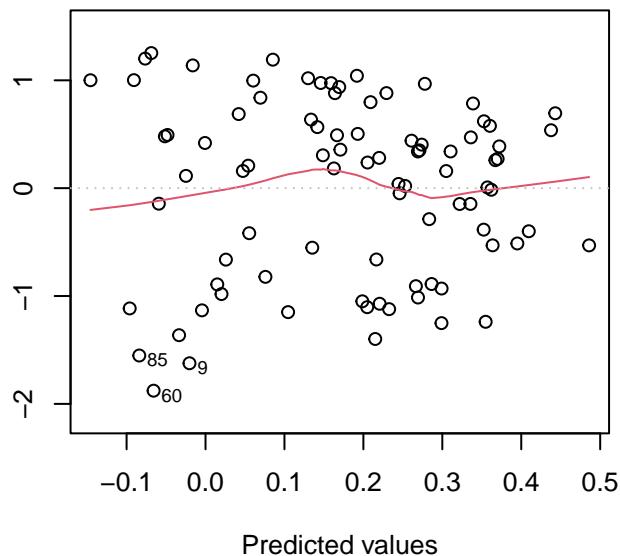
Residuals vs Leverage



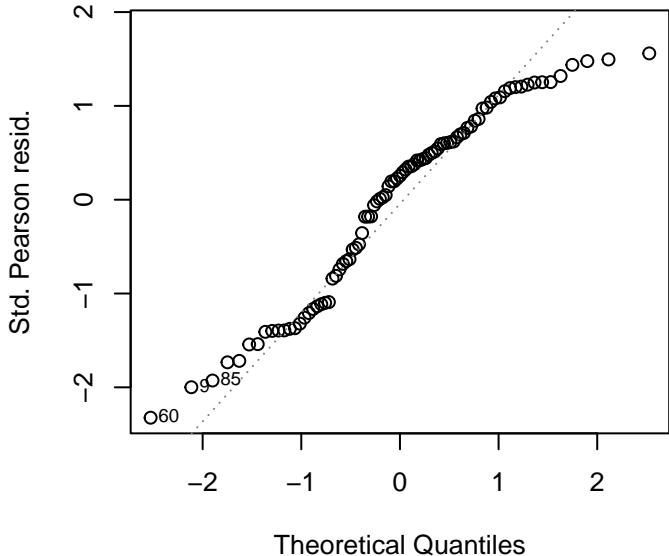
`glm(fdiv_ses ~ area + fish + julian_date + temp + 1)`

Residuals vs Fitted

Residuals

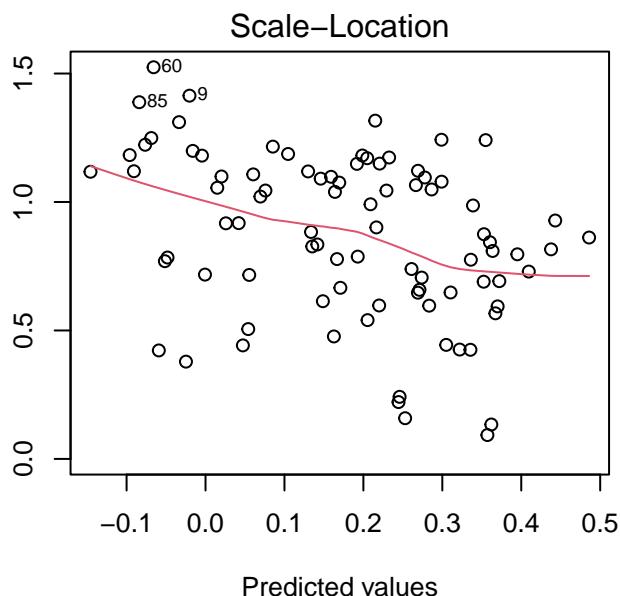


Normal Q–Q

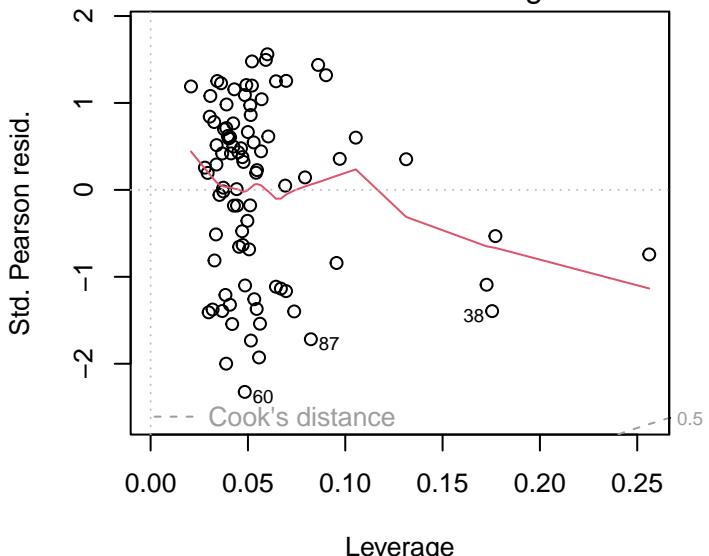


Scale–Location

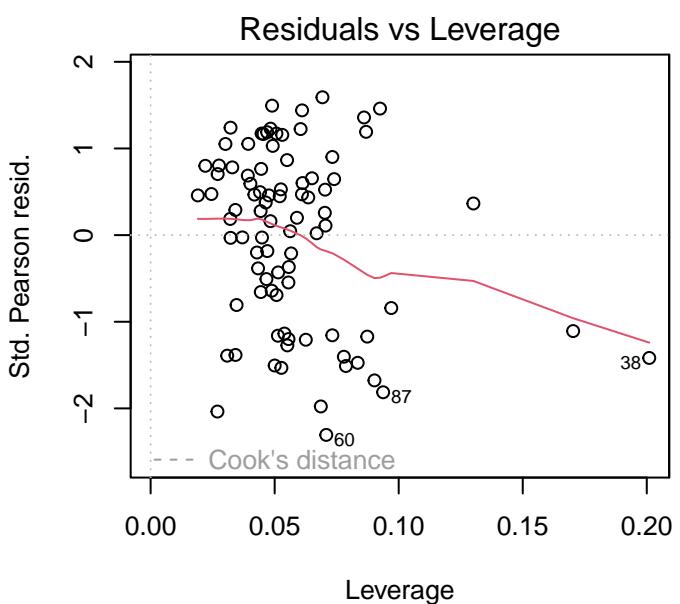
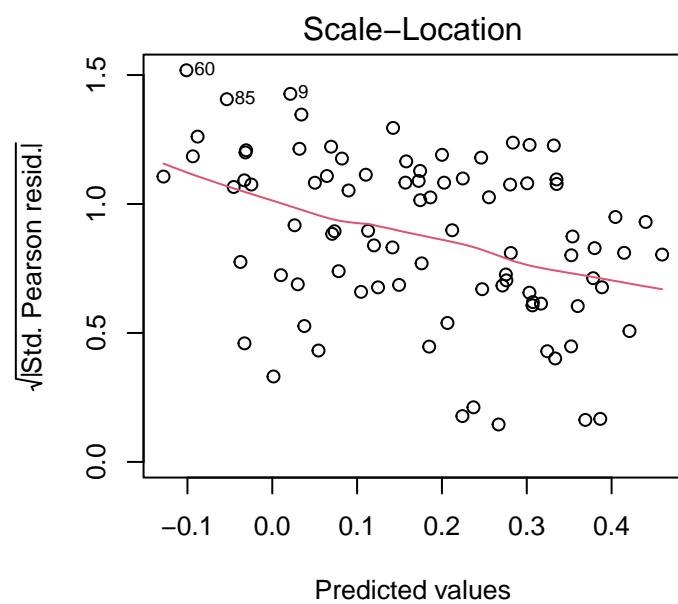
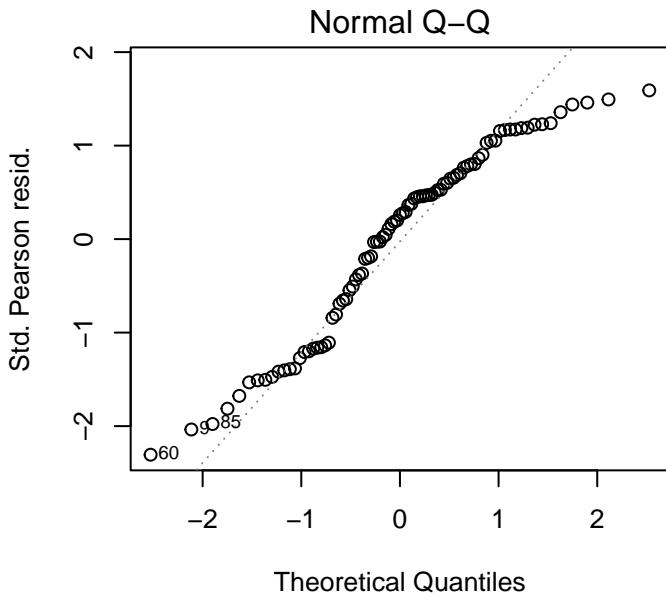
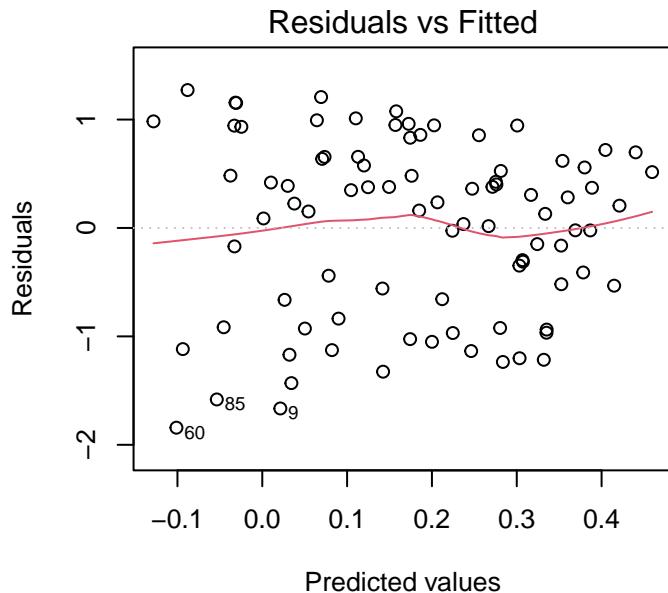
$\sqrt{|\text{Std. Pearson resid}|}$



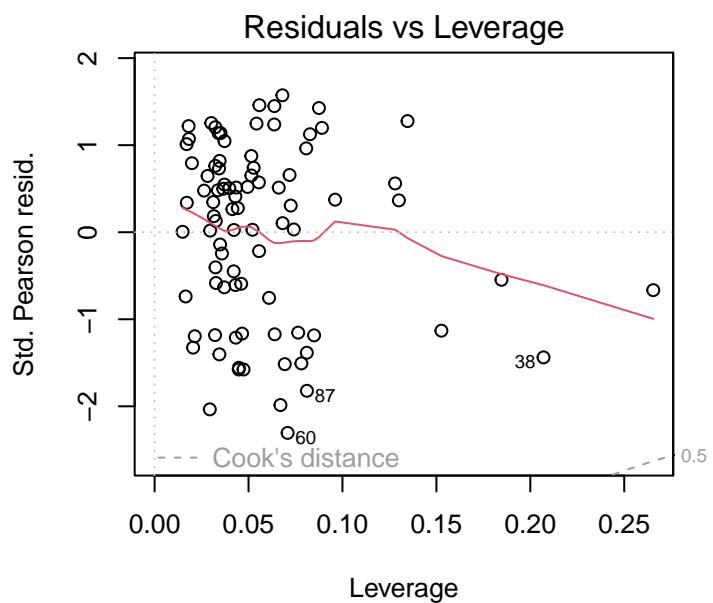
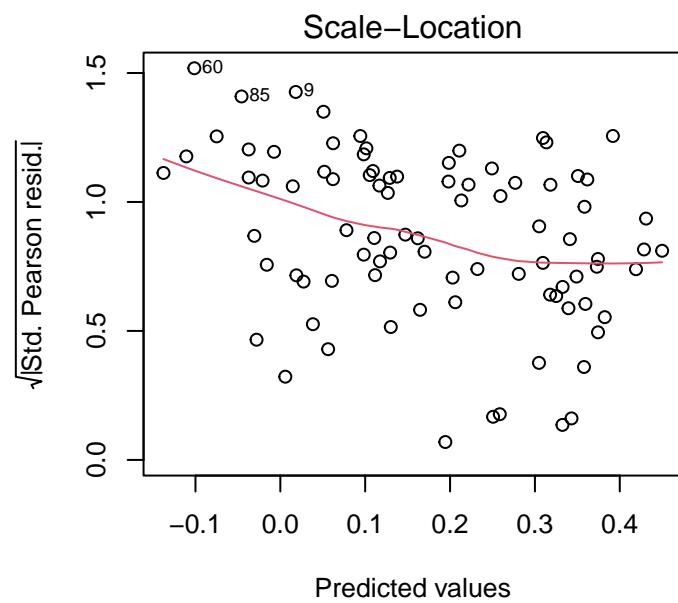
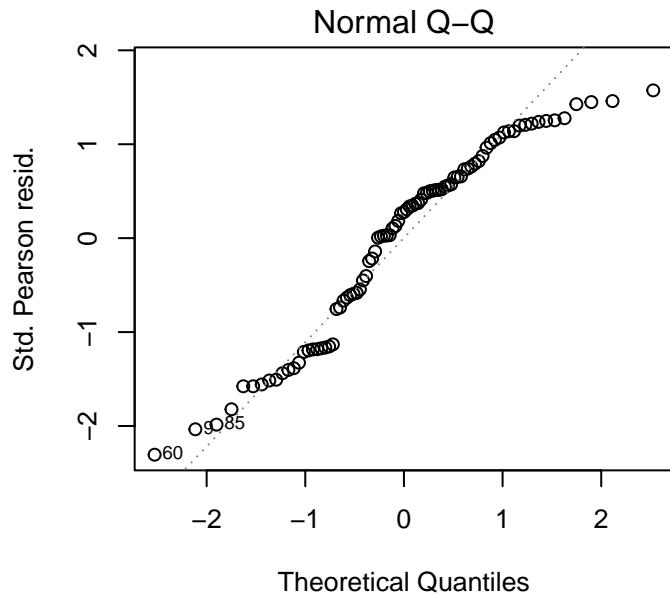
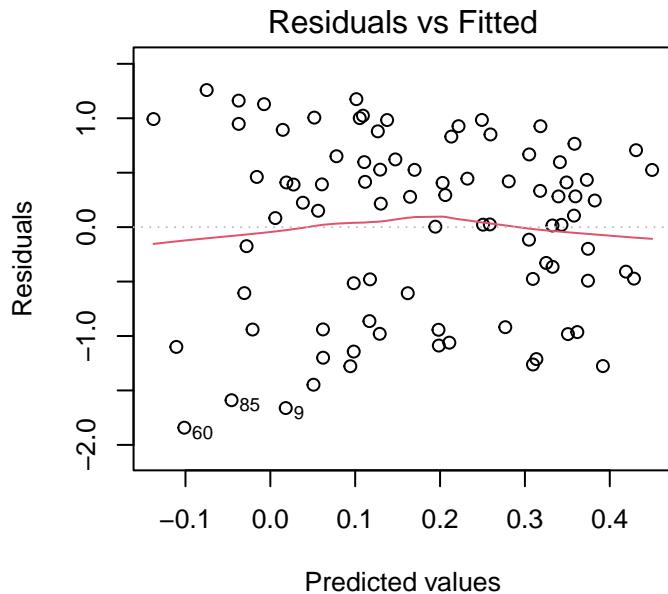
Residuals vs Leverage



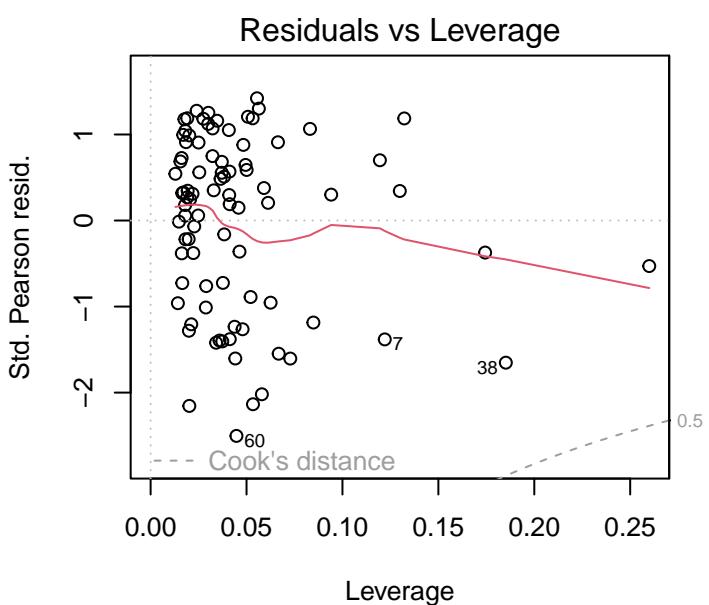
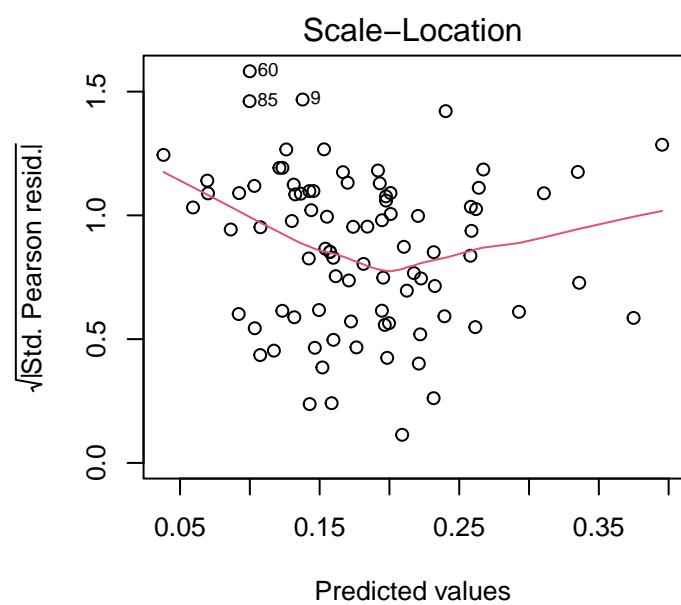
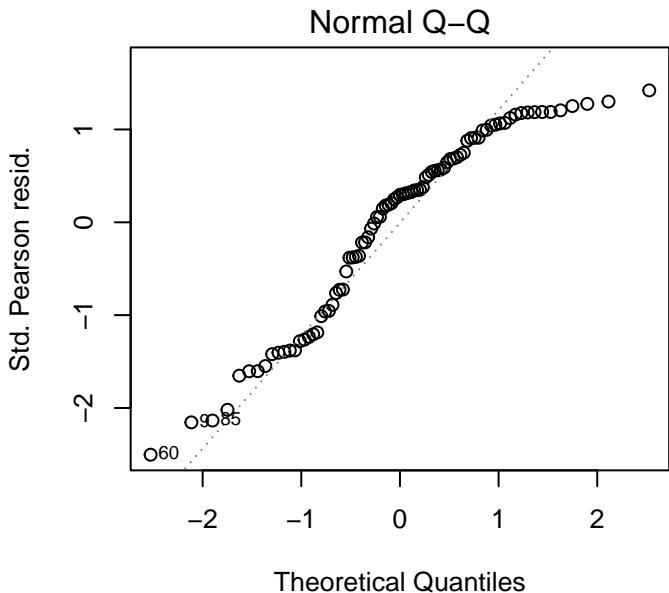
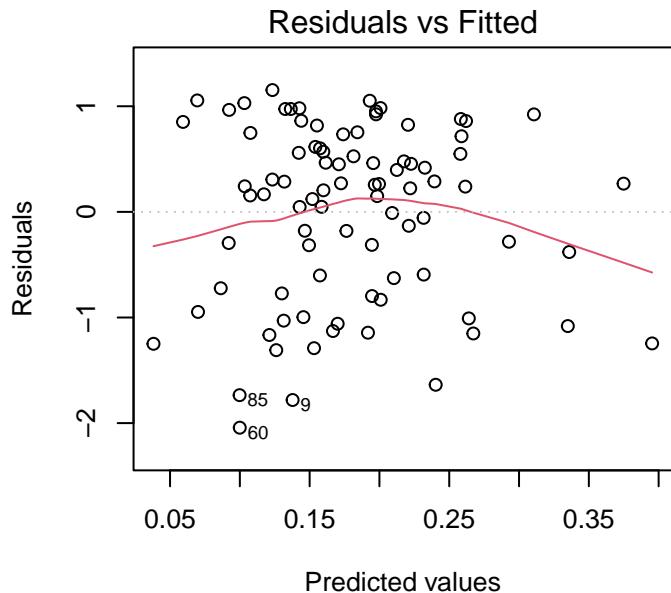
`glm(fdiv_ses ~ fish + julian_date + temp + time_convert + 1)`



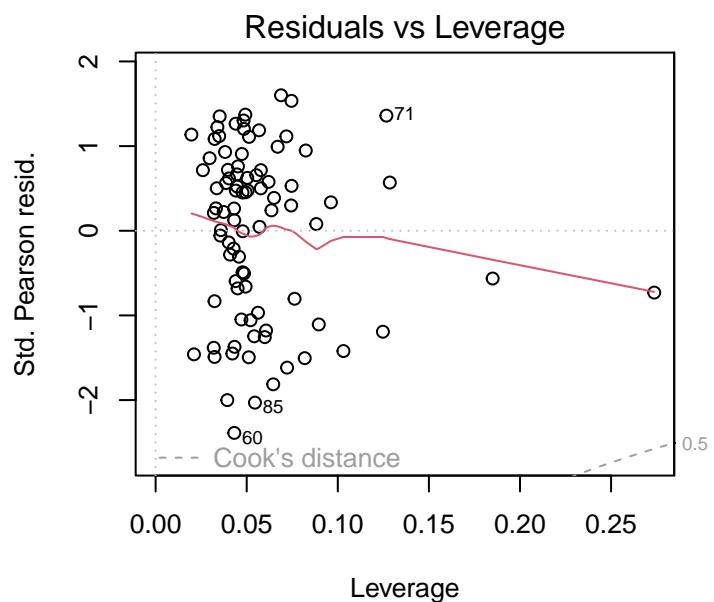
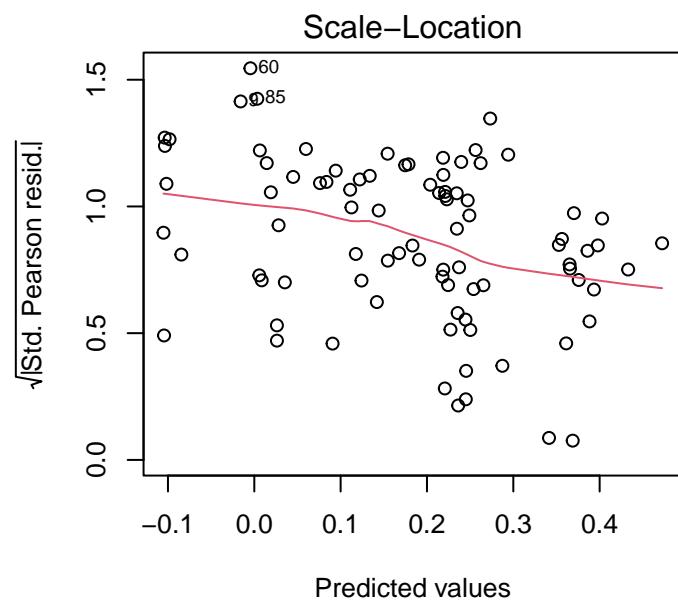
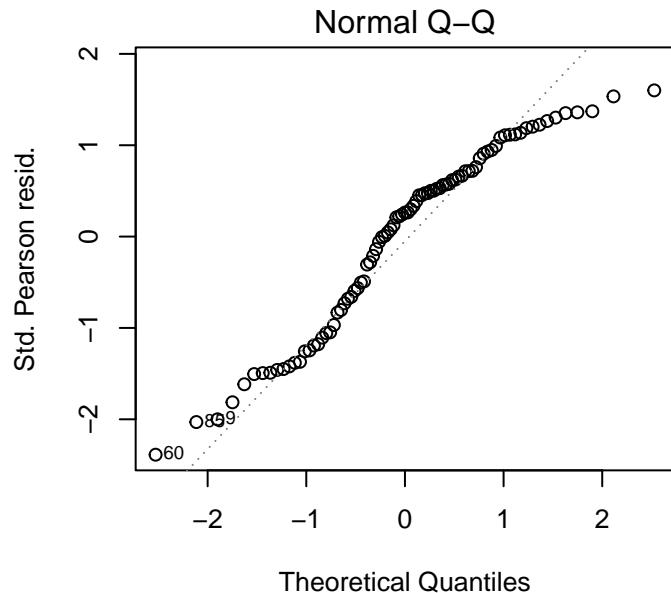
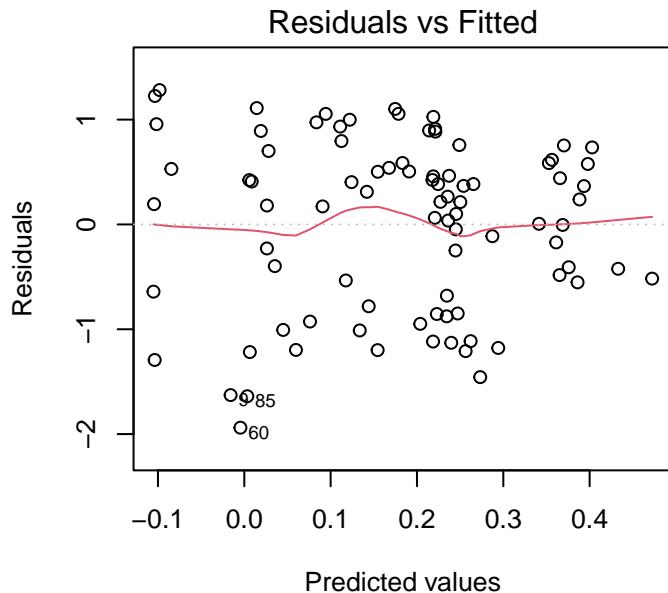
`glm(fdiv_ses ~ area + julian_date + temp + time_convert + 1)`



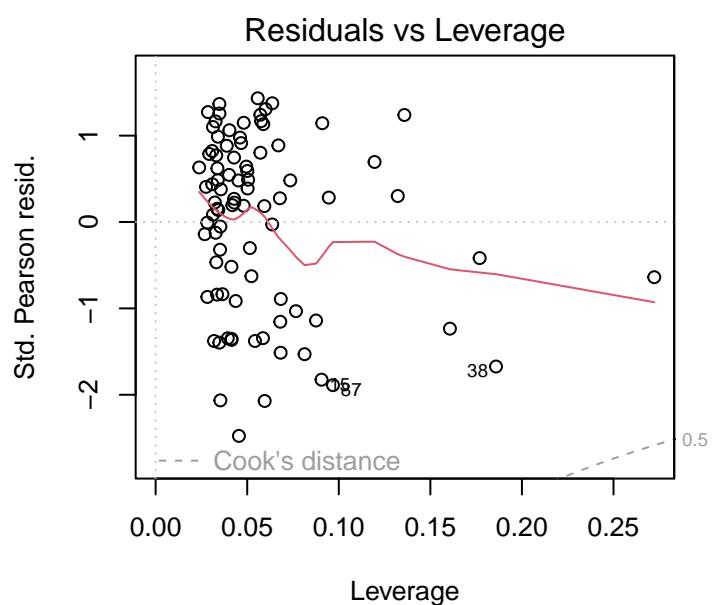
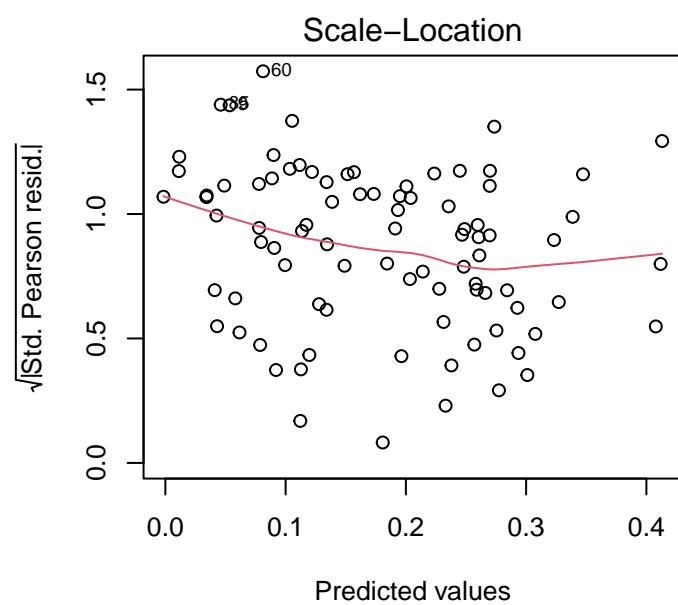
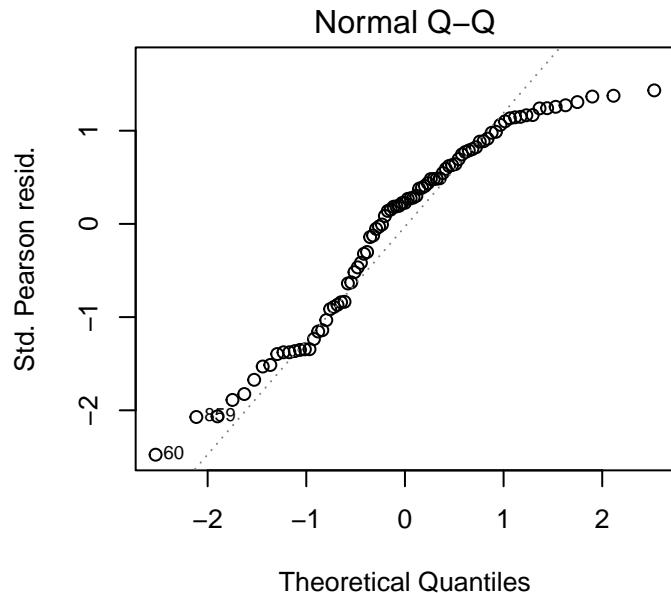
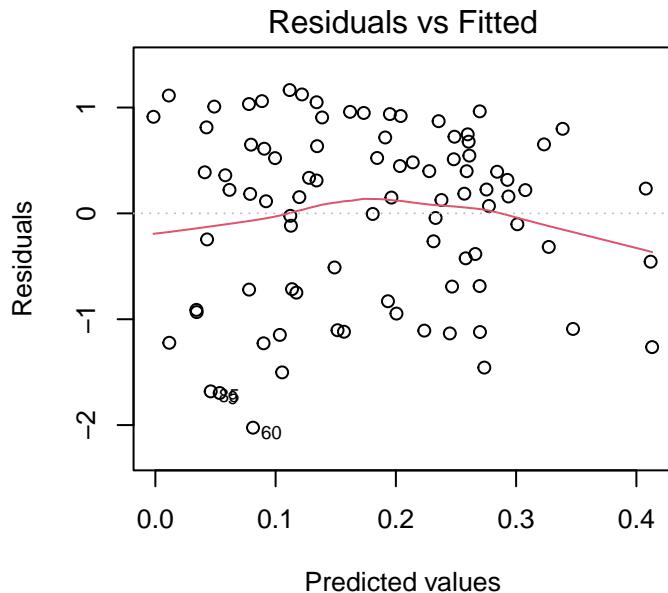
`glm(fdiv_ses ~ area + temp + time_convert + 1)`



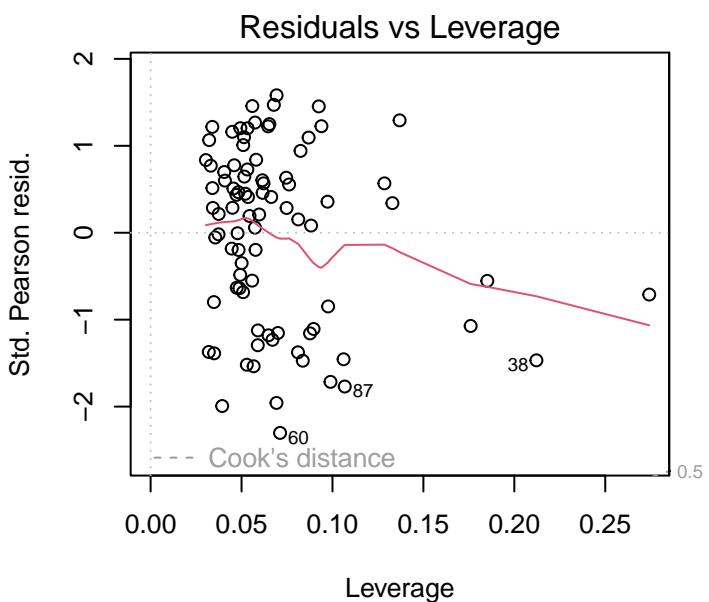
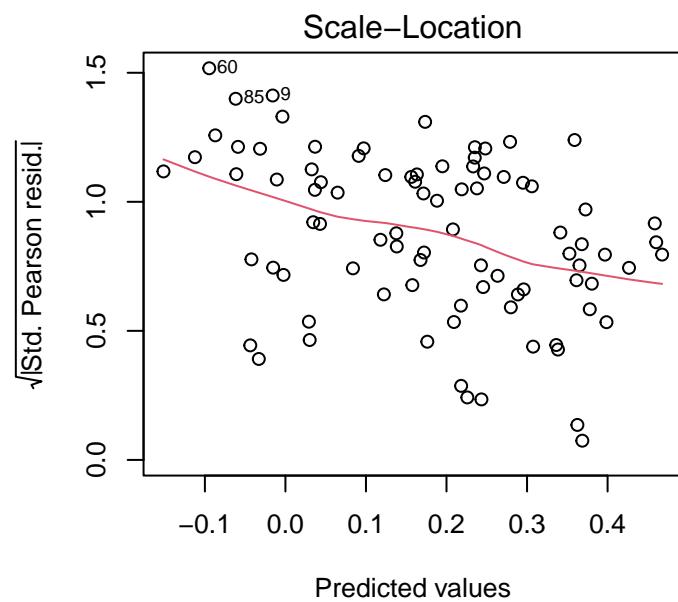
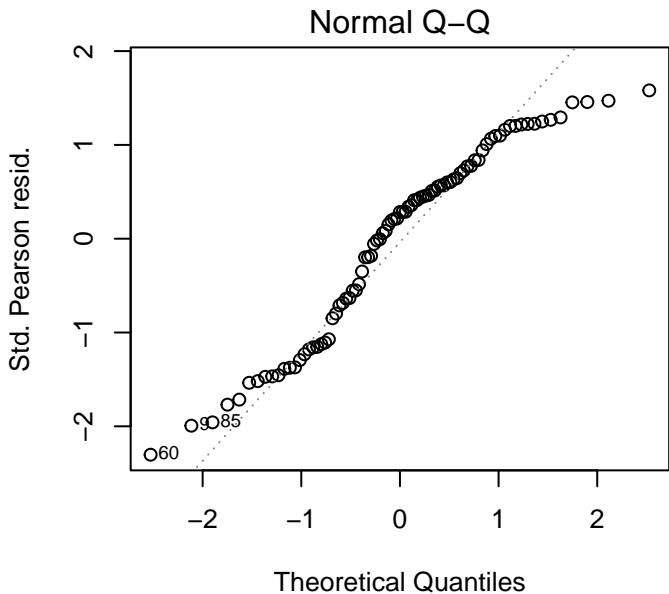
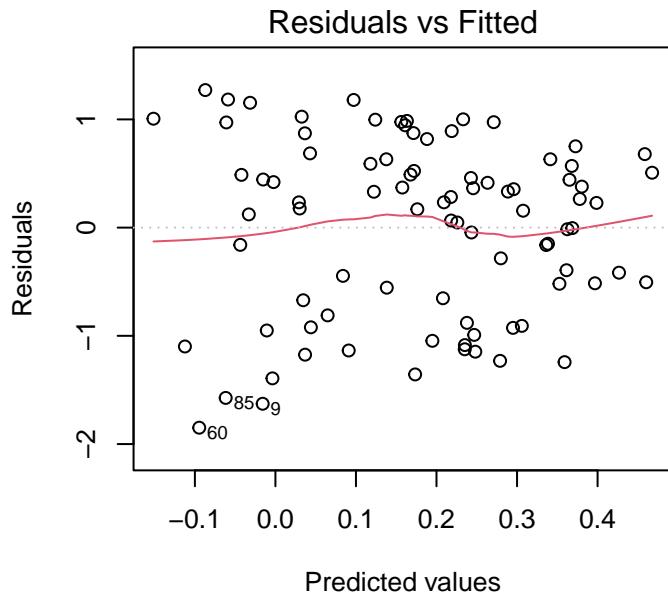
`glm(fdiv_ses ~ area + fish + julian_date + time_convert + 1)`



`glm(fdiv_ses ~ area + fish + temp + time_convert + 1)`

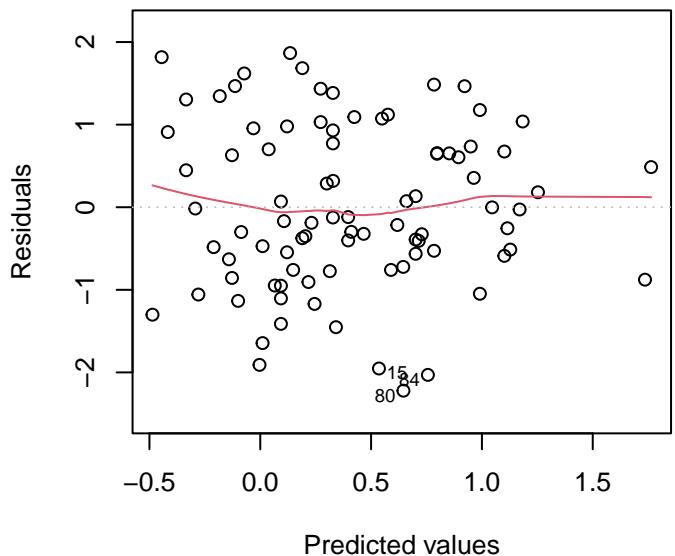


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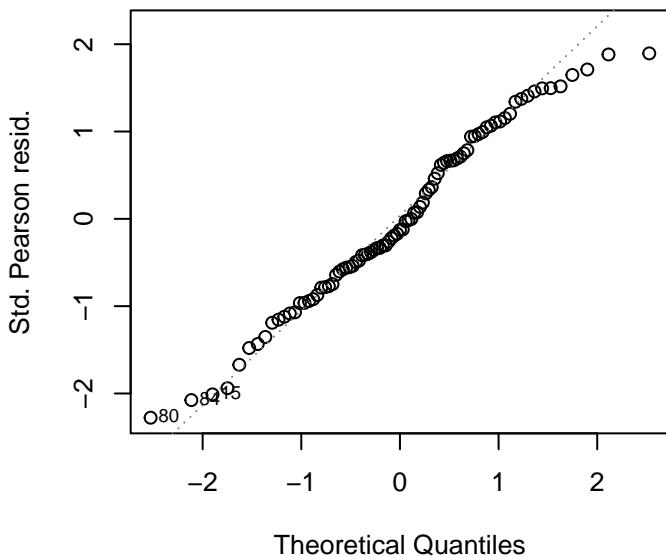


`glm(feve_ses ~ fish + temp + 1)`

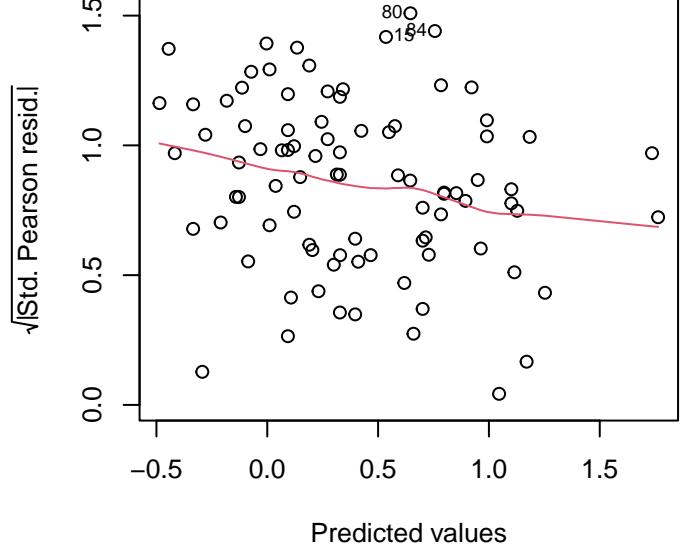
Residuals vs Fitted



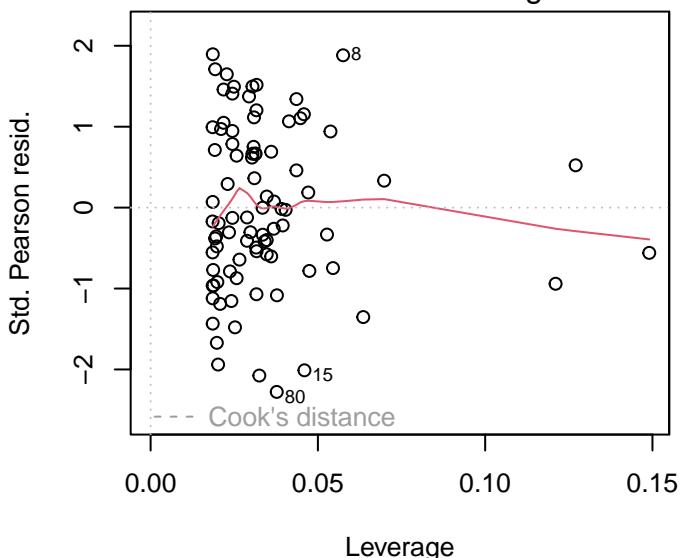
Normal Q-Q



Scale–Location



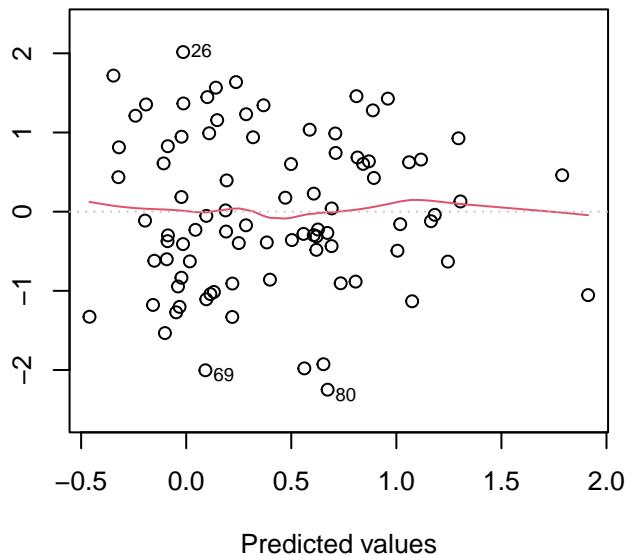
Residuals vs Leverage



`glm(feve_ses ~ fish + julian_date + temp + 1)`

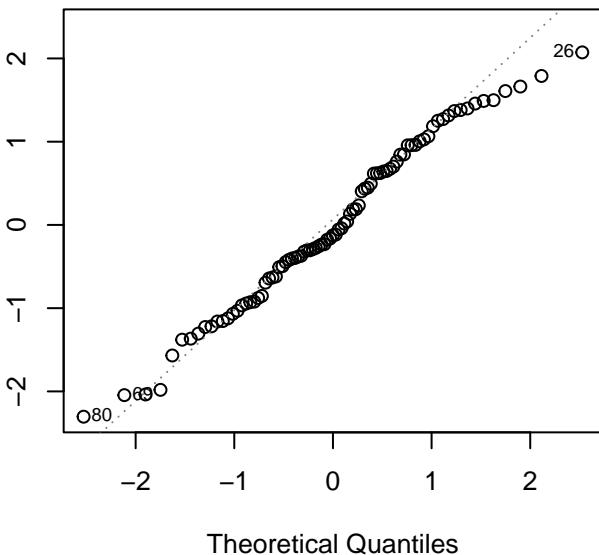
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

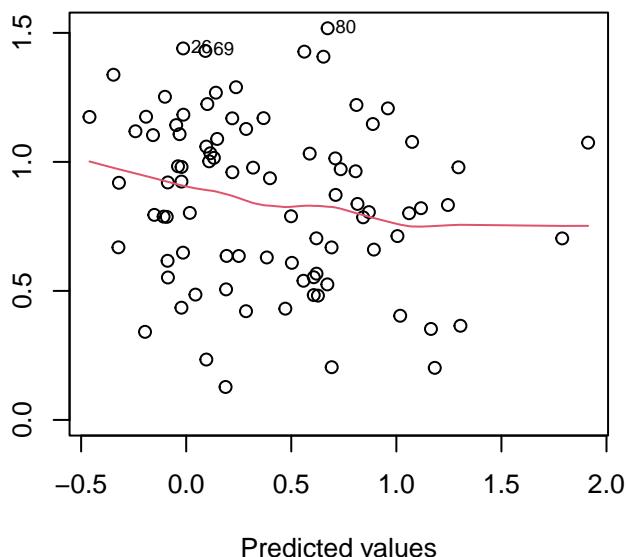


Predicted values

Theoretical Quantiles

Scale–Location

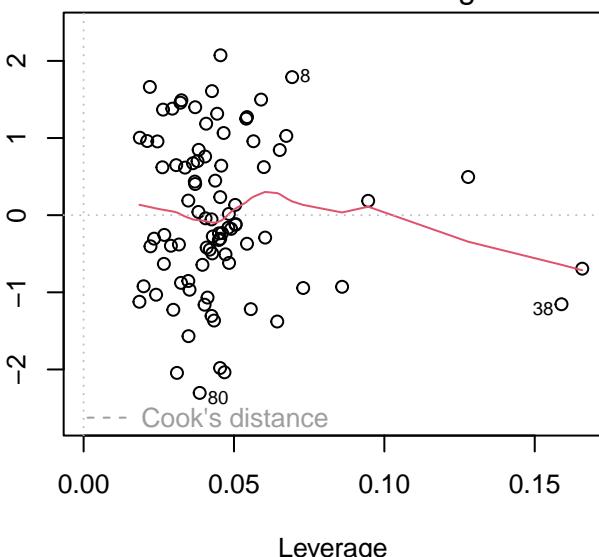
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

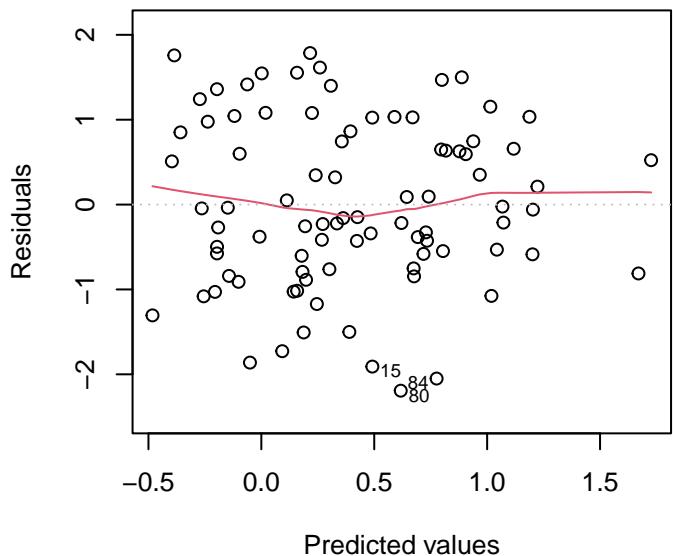


Leverage

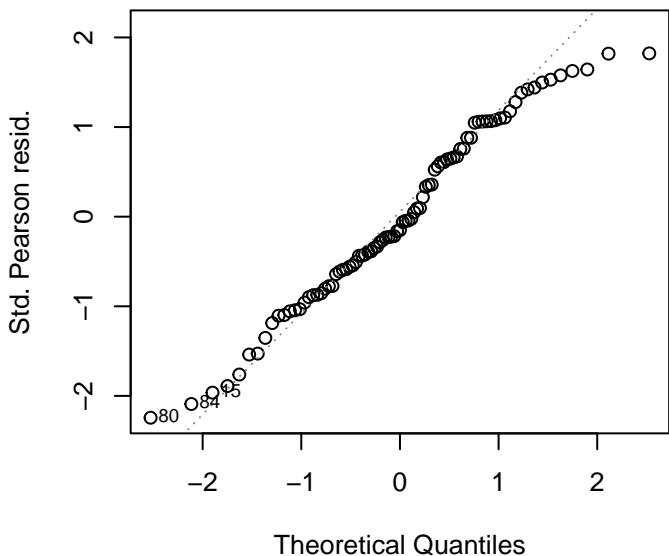
--- Cook's distance

`glm(feve_ses ~ area + fish + temp + 1)`

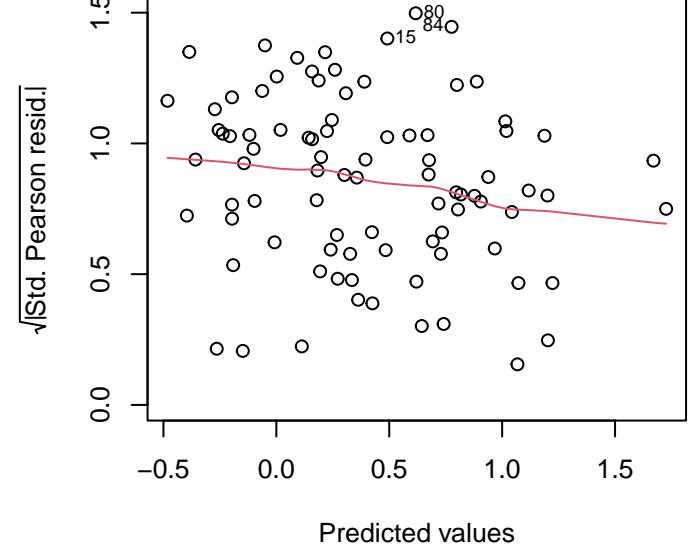
Residuals vs Fitted



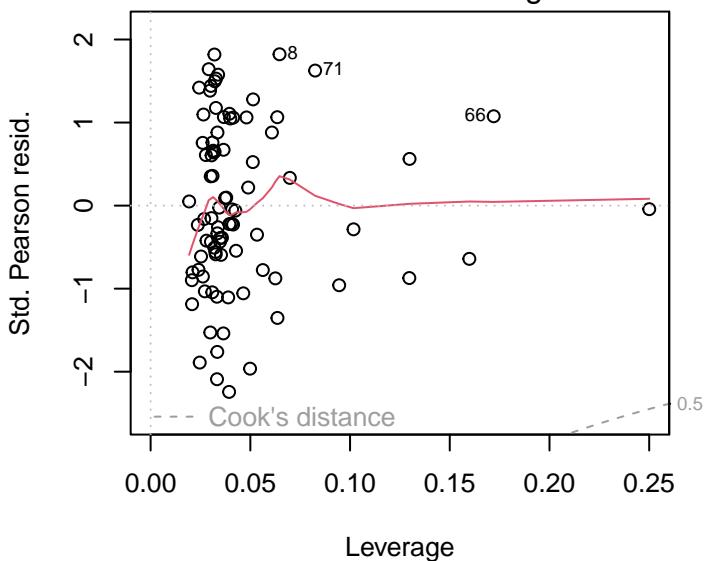
Normal Q–Q



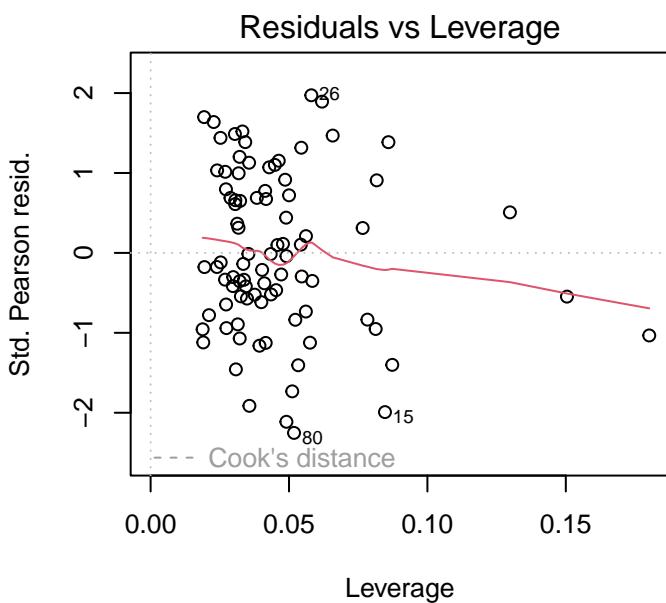
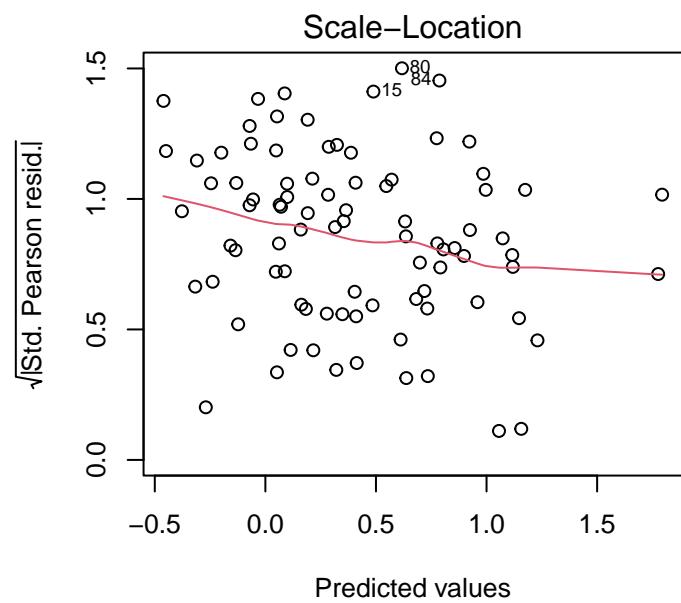
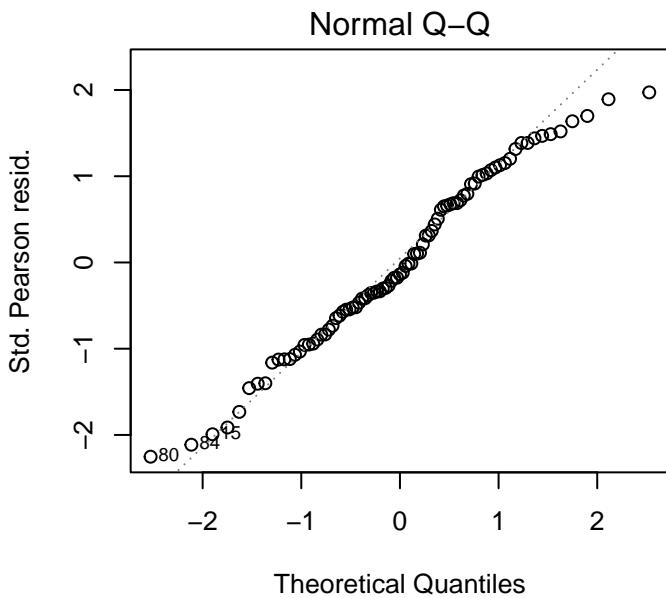
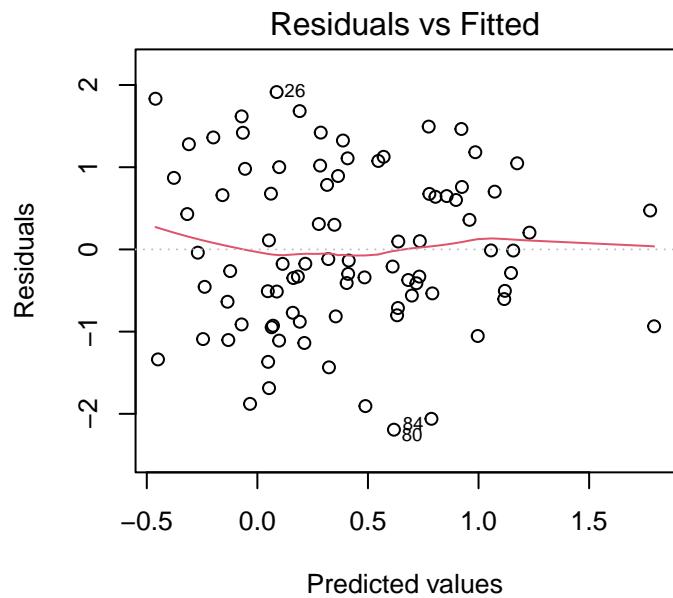
Scale–Location



Residuals vs Leverage

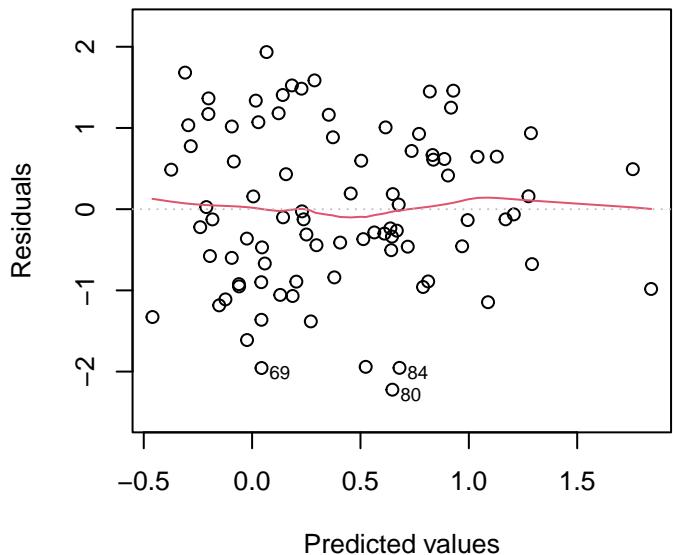


`glm(feve_ses ~ fish + temp + time_convert + 1)`

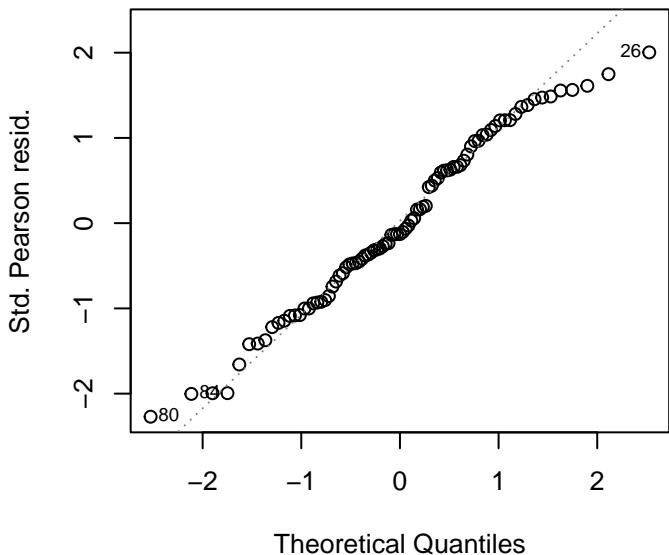


`glm(feve_ses ~ area + fish + julian_date + temp + 1)`

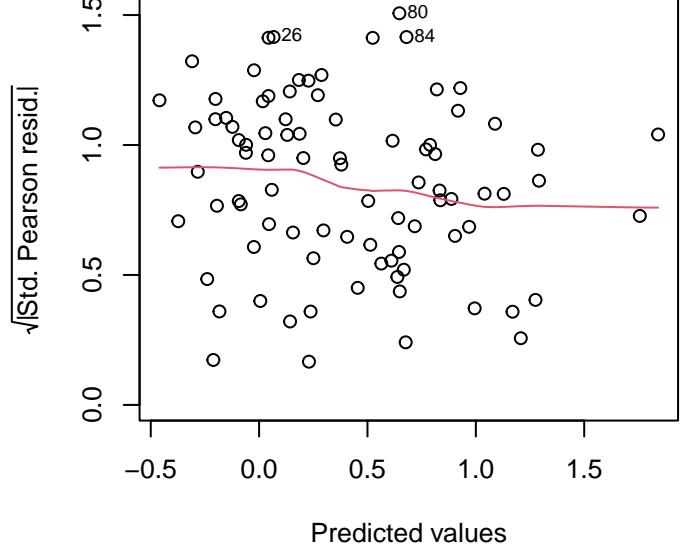
Residuals vs Fitted



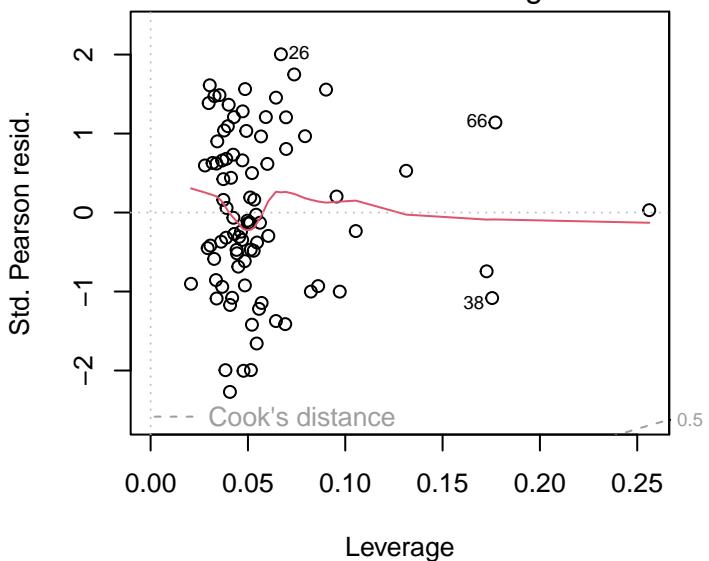
Normal Q–Q



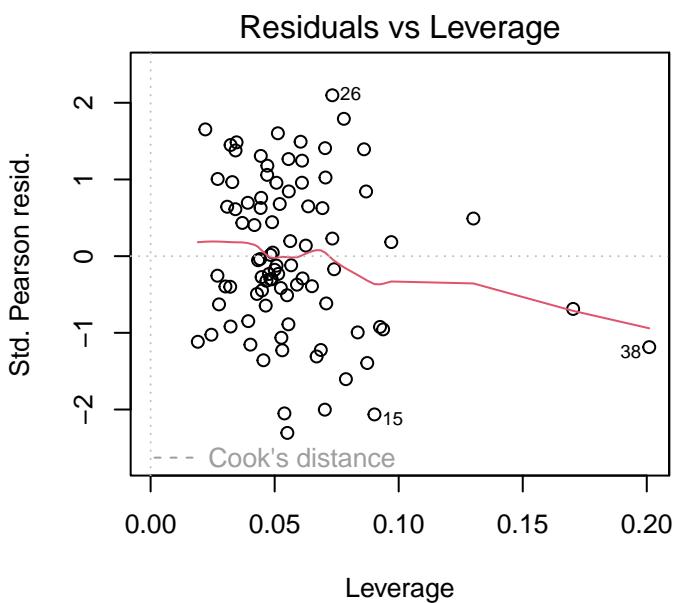
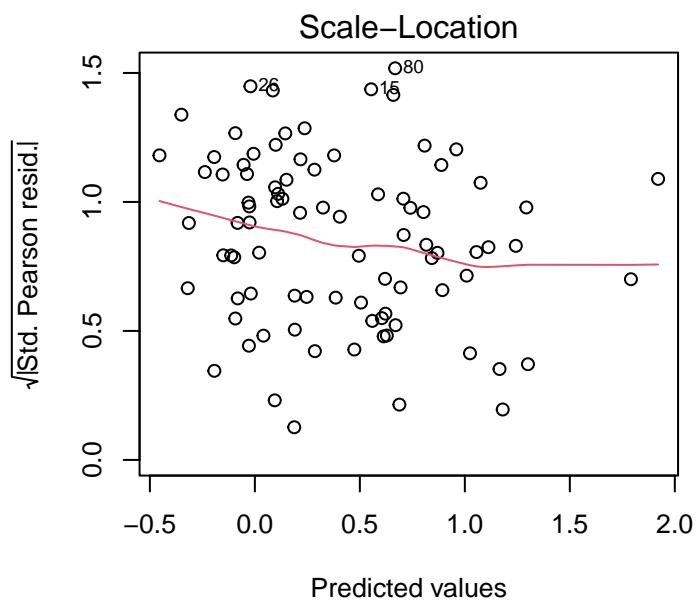
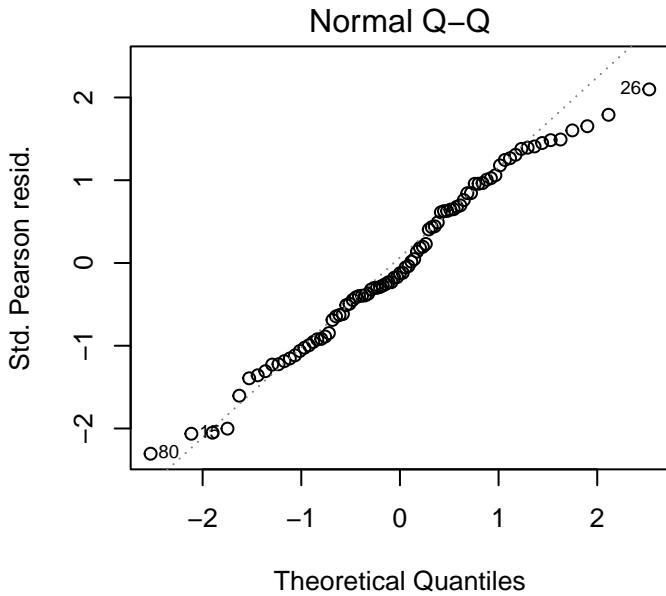
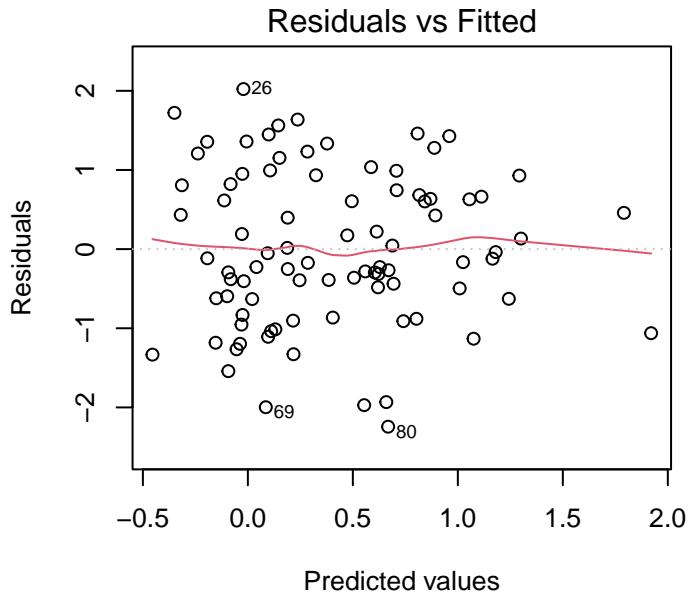
Scale–Location



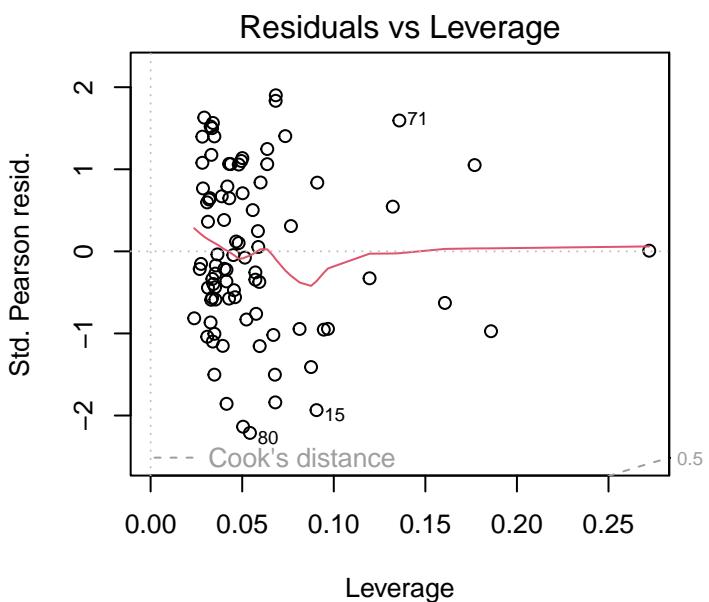
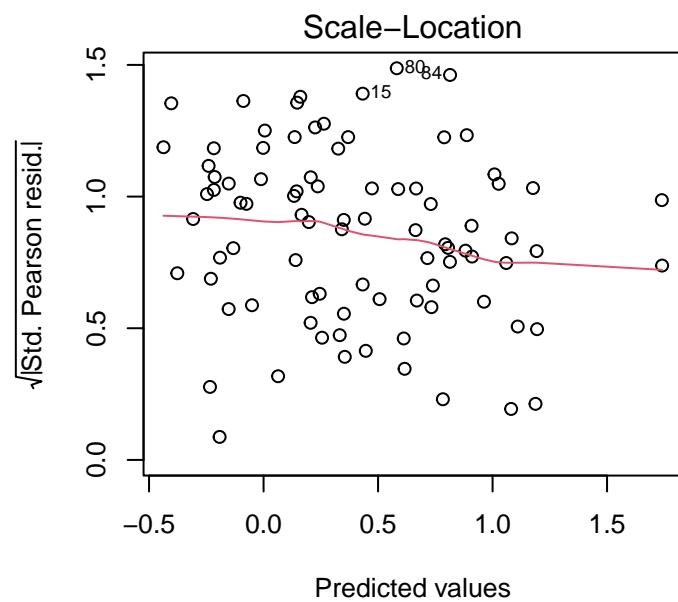
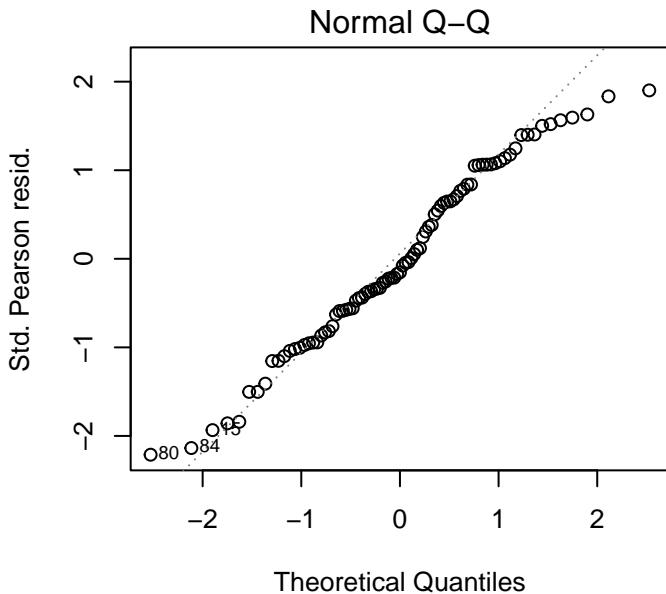
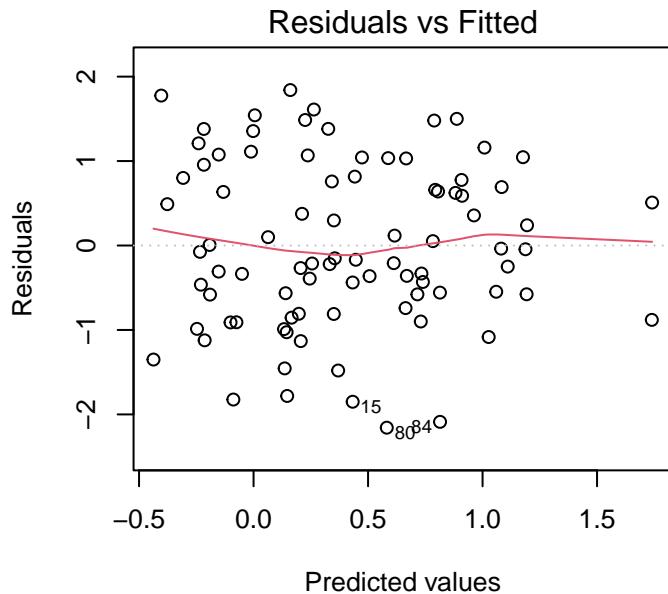
Residuals vs Leverage



`glm(feve_ses ~ fish + julian_date + temp + time_convert + 1)`

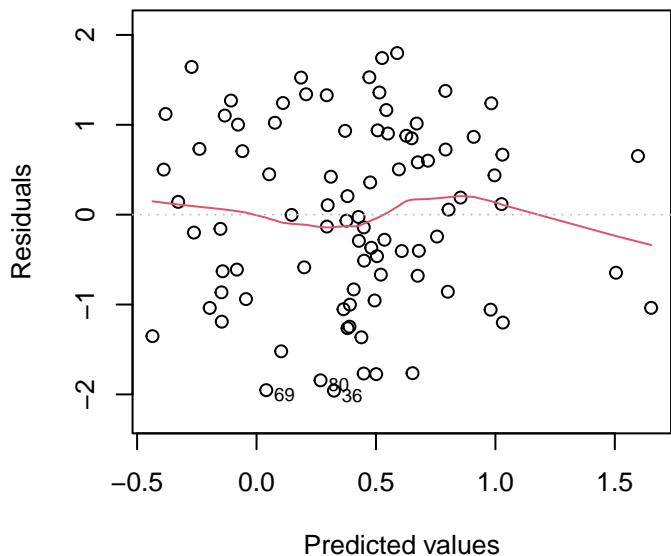


`glm(feve_ses ~ area + fish + temp + time_convert + 1)`

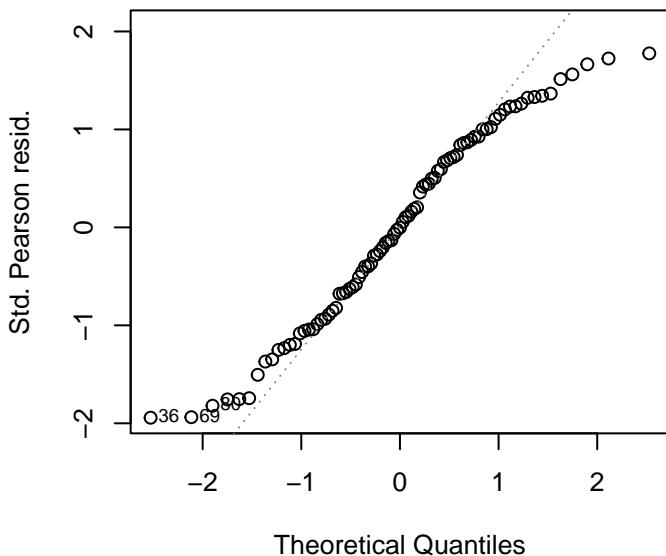


`glm(feve_ses ~ area + temp + 1)`

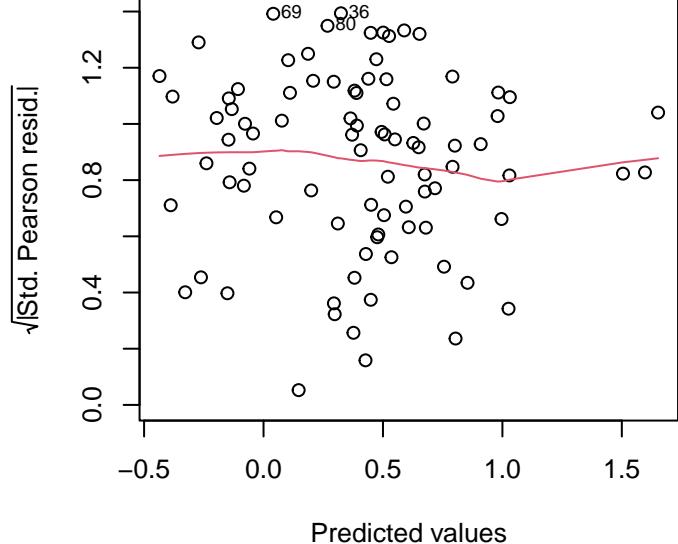
Residuals vs Fitted



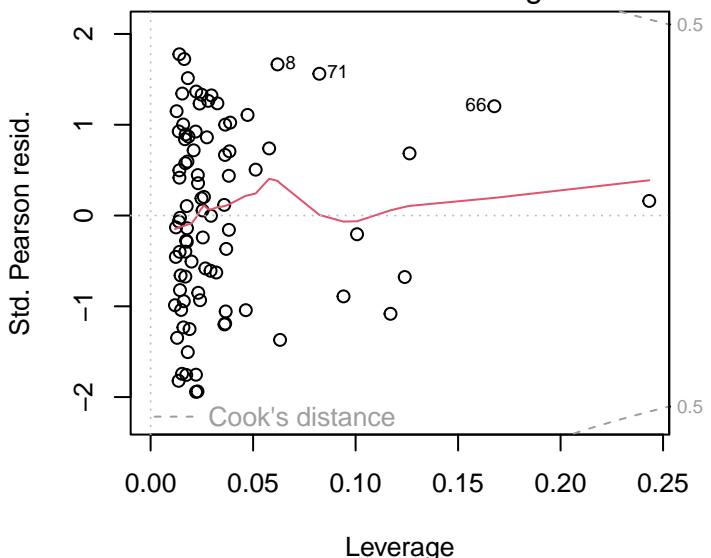
Normal Q–Q



Scale–Location

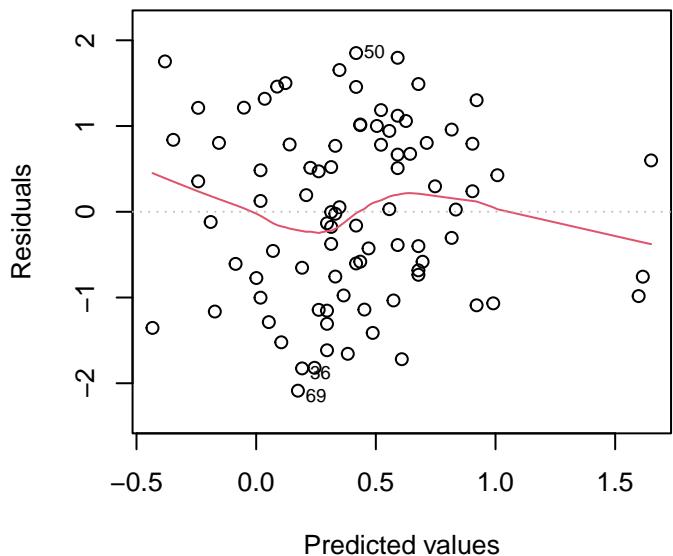


Residuals vs Leverage

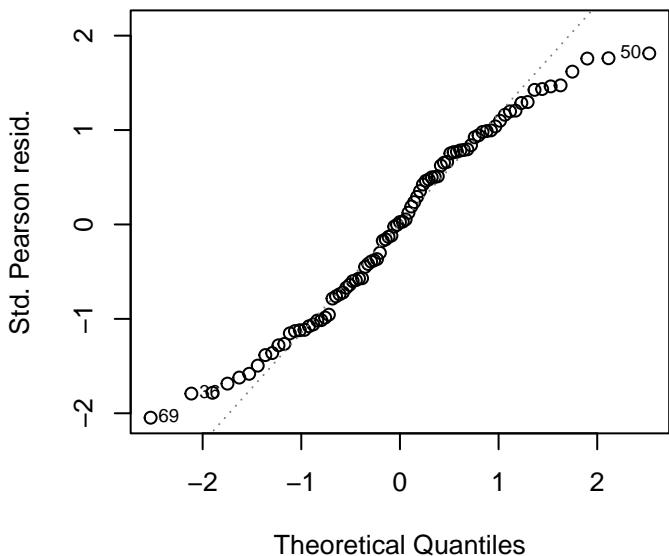


$\text{glm}(\text{feve\_ses} \sim \text{temp} + 1)$

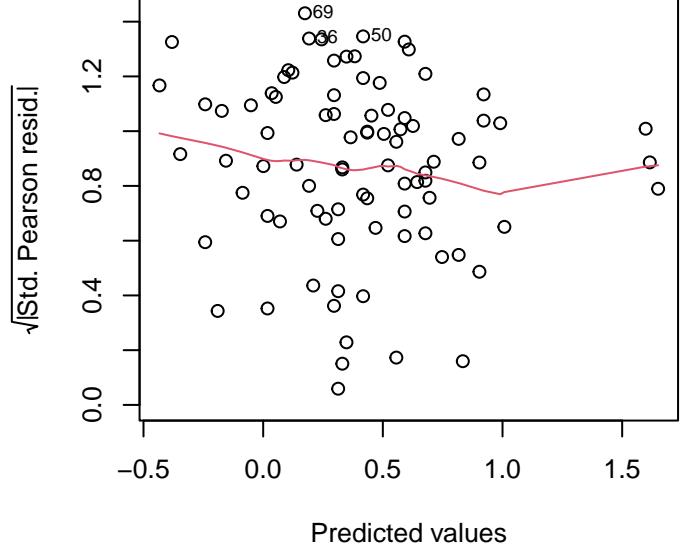
Residuals vs Fitted



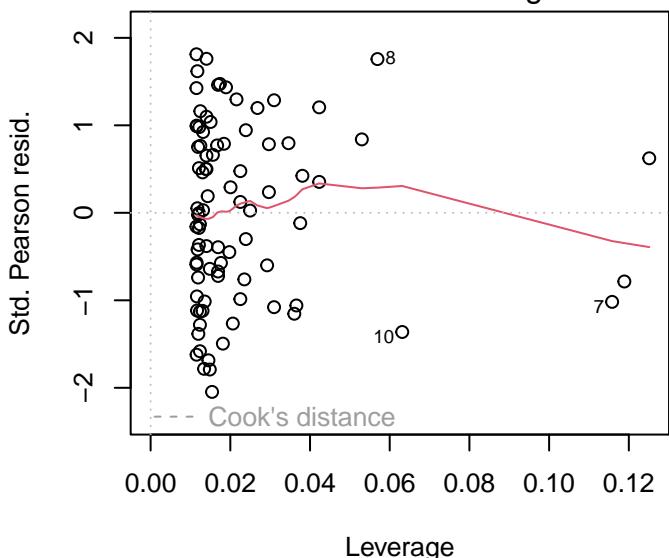
Normal Q-Q



Scale–Location

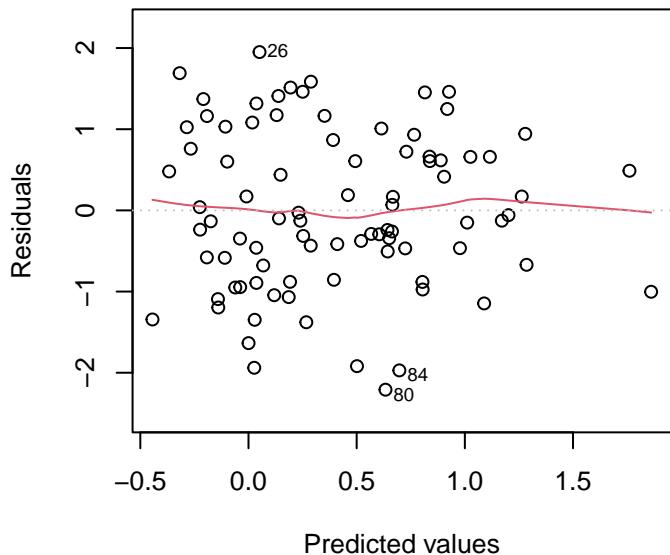


Residuals vs Leverage

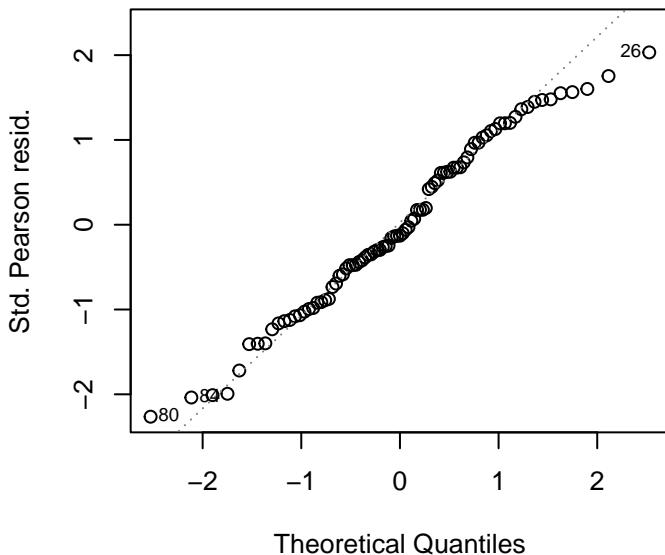


`glm(feve_ses ~ area + fish + julian_date + temp + time_convert + 1)`

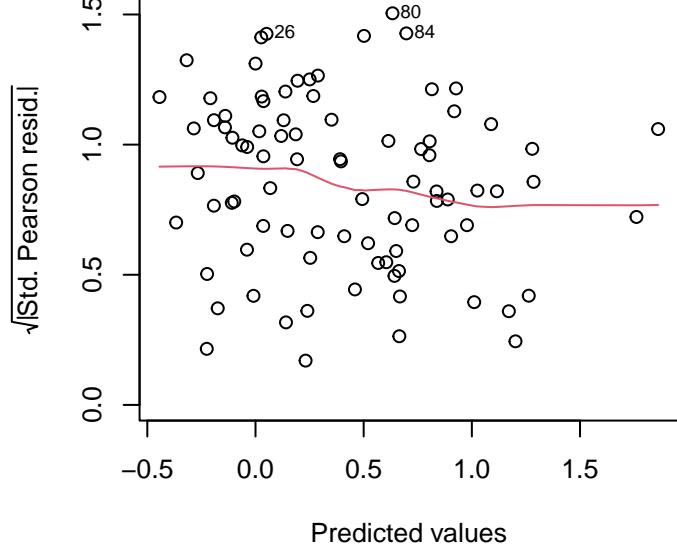
Residuals vs Fitted



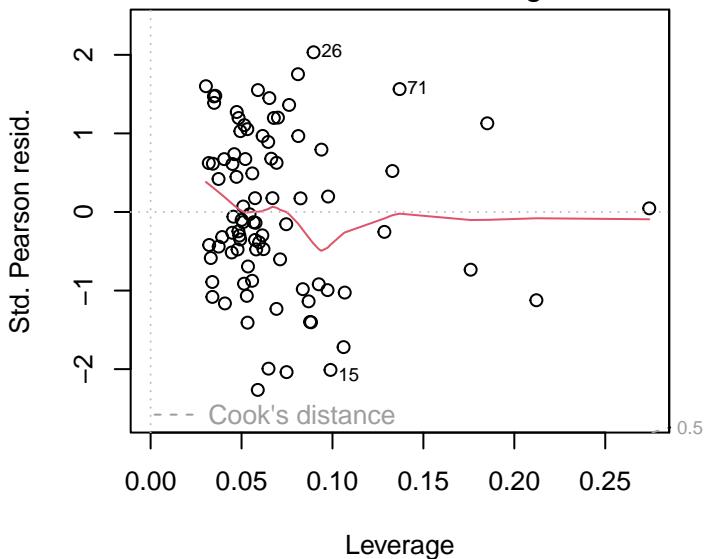
Normal Q–Q



Scale–Location



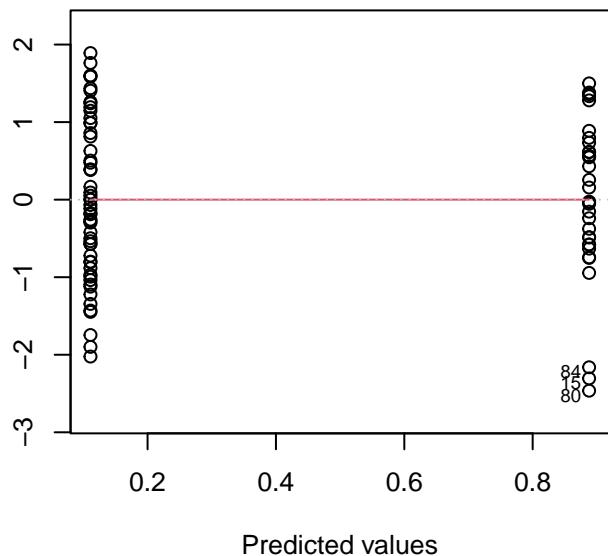
Residuals vs Leverage



`glm(feve_ses ~ fish + 1)`

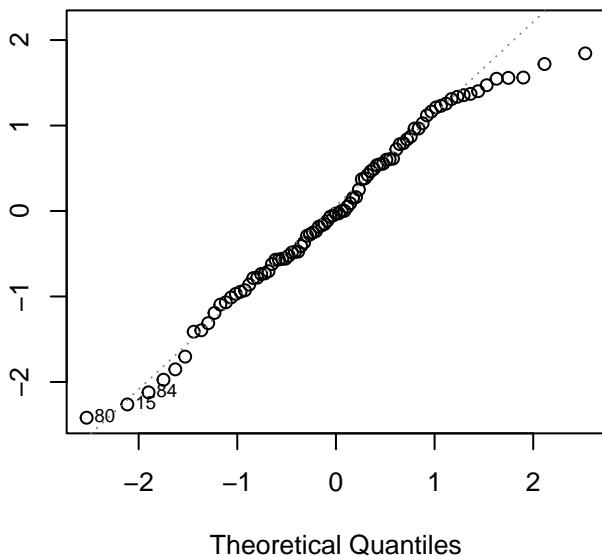
Residuals vs Fitted

Residuals



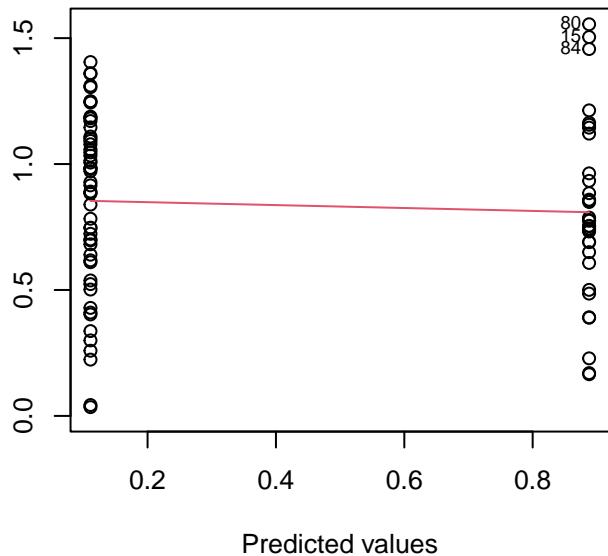
Normal Q-Q

Std. Pearson resid.



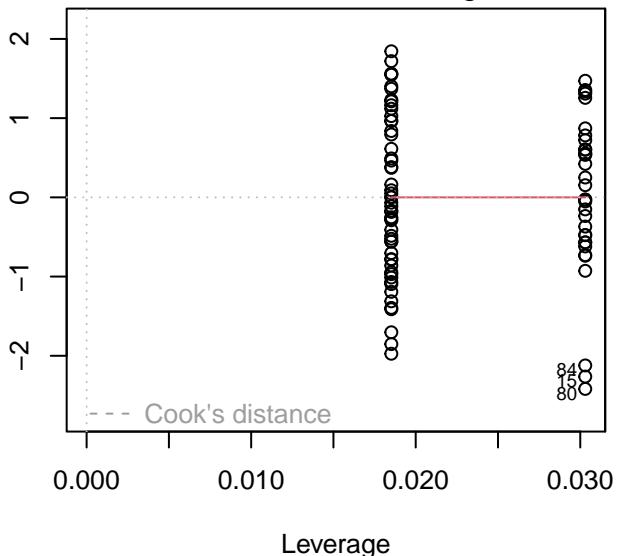
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



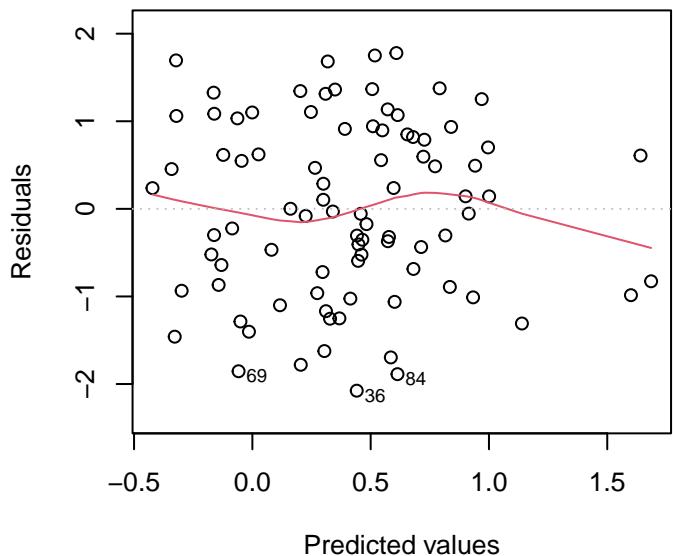
Residuals vs Leverage

Std. Pearson resid.

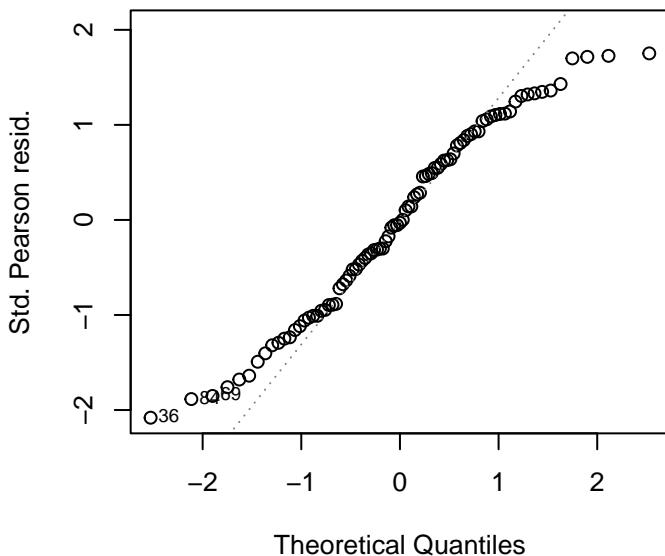


`glm(feve_ses ~ area + temp + time_convert + 1)`

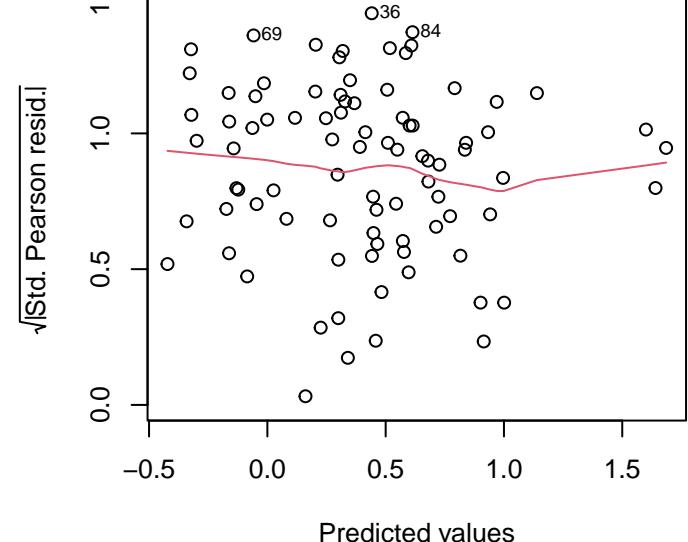
Residuals vs Fitted



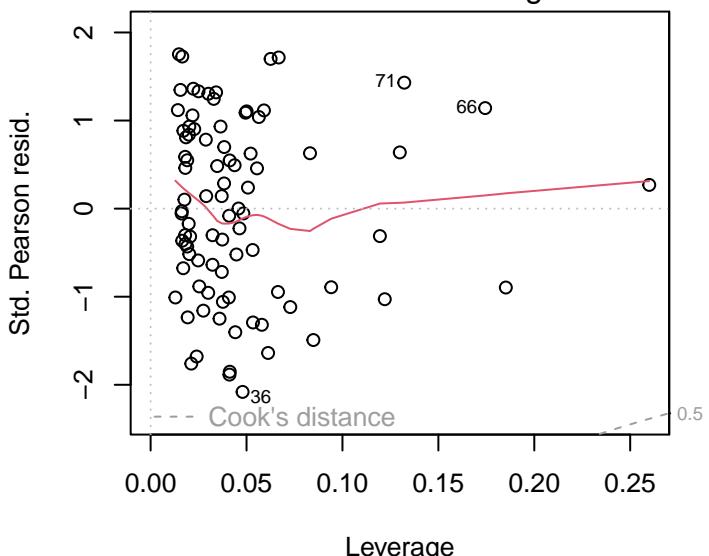
Normal Q–Q



Scale–Location



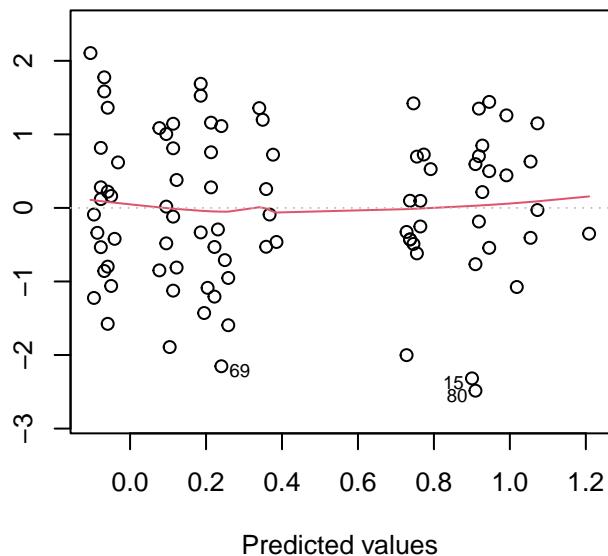
Residuals vs Leverage



`glm(feve_ses ~ fish + julian_date + 1)`

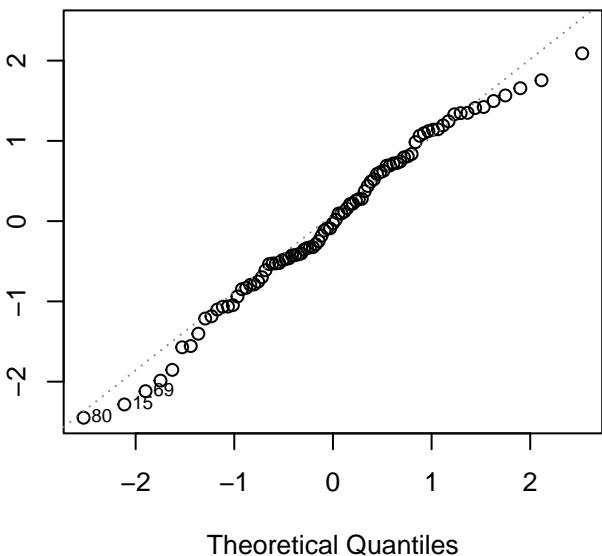
Residuals vs Fitted

Residuals



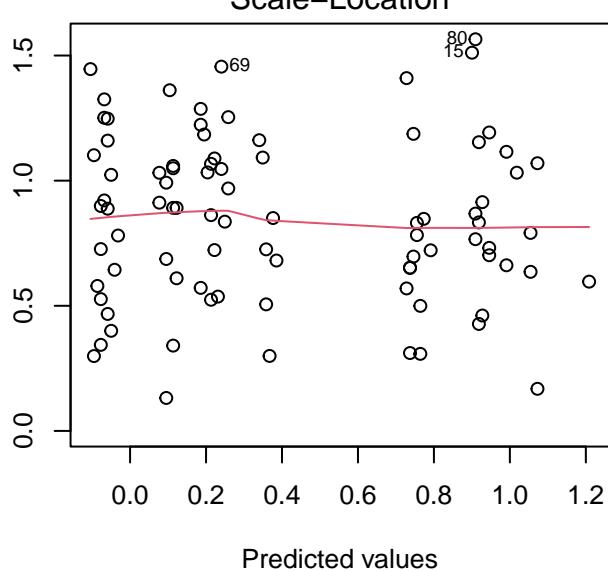
Normal Q-Q

Std. Pearson resid.



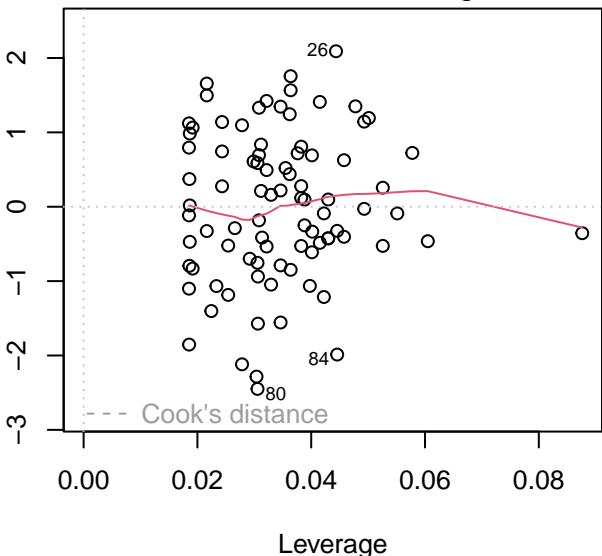
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



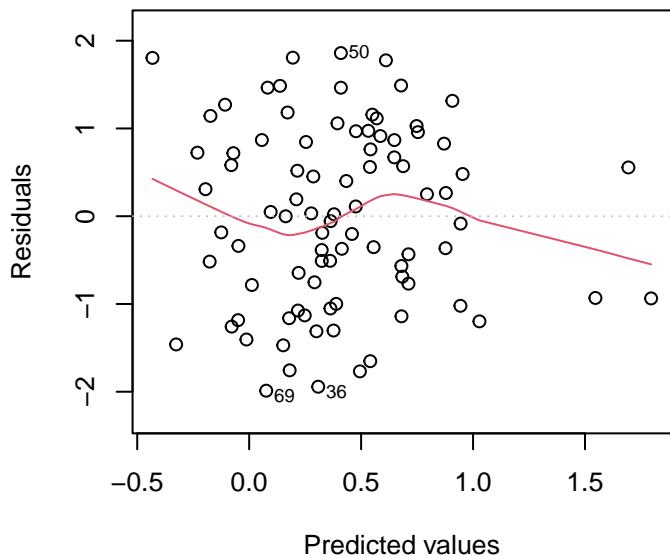
Residuals vs Leverage

Std. Pearson resid.

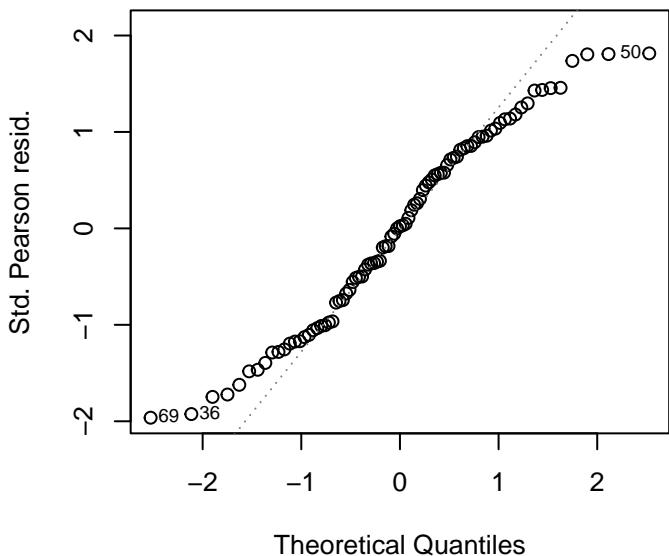


`glm(feve_ses ~ temp + time_convert + 1)`

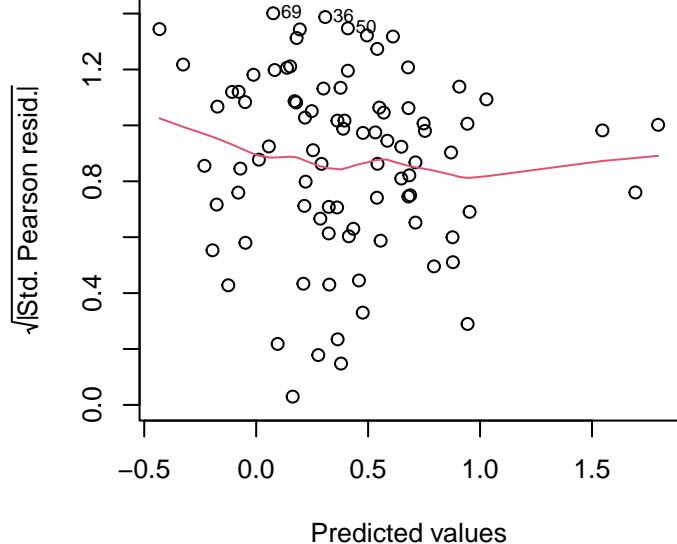
Residuals vs Fitted



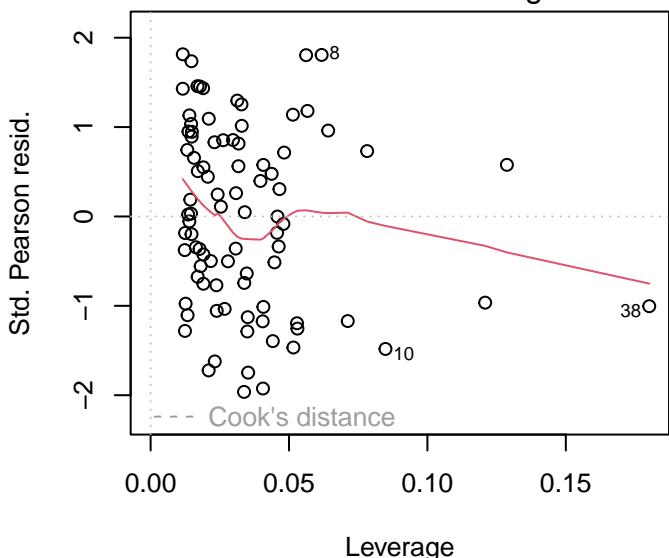
Normal Q–Q



Scale–Location

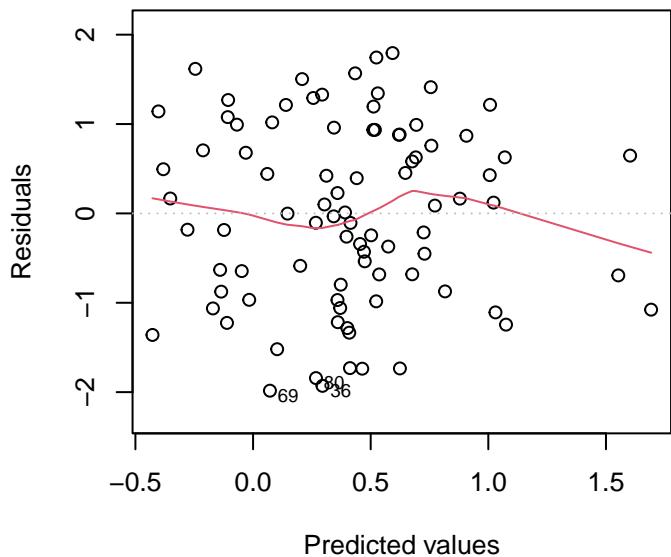


Residuals vs Leverage

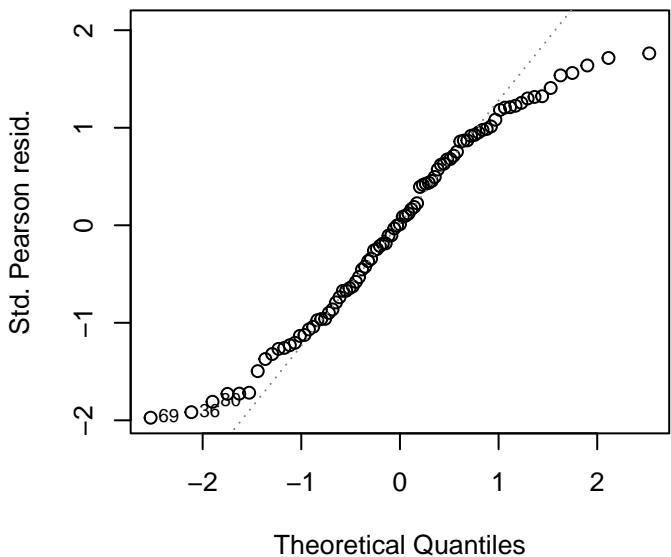


`glm(feve_ses ~ area + julian_date + temp + 1)`

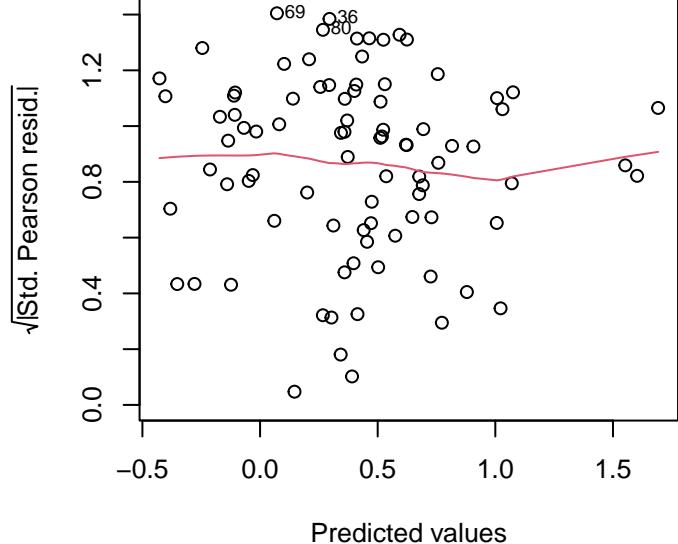
Residuals vs Fitted



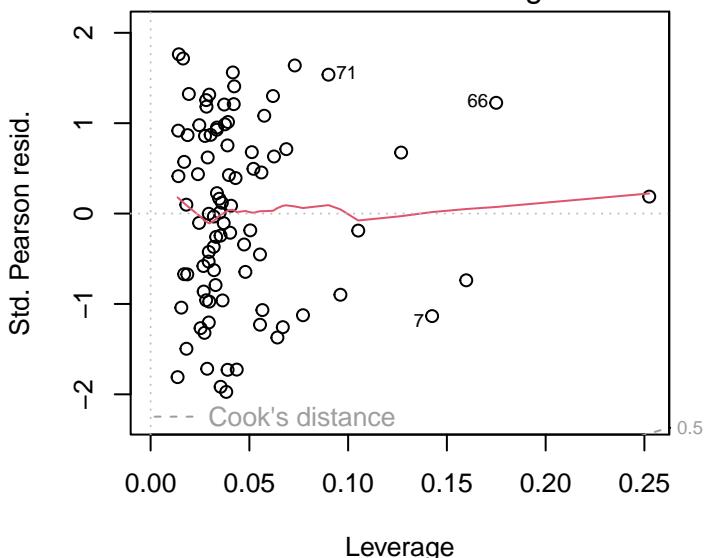
Normal Q–Q



Scale–Location

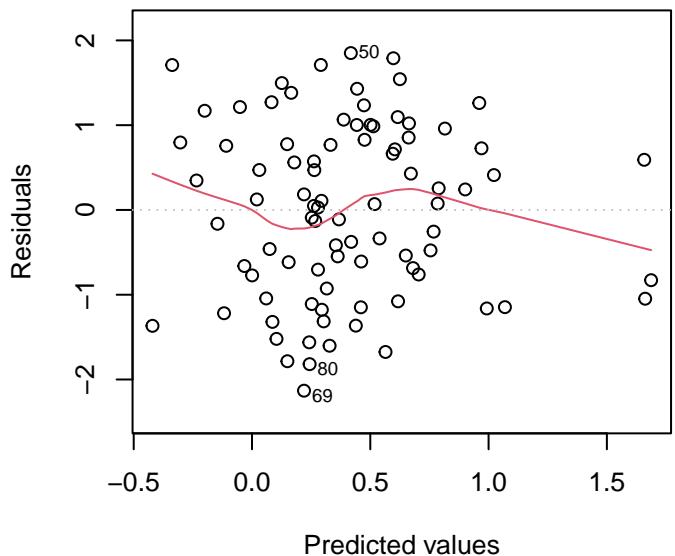


Residuals vs Leverage

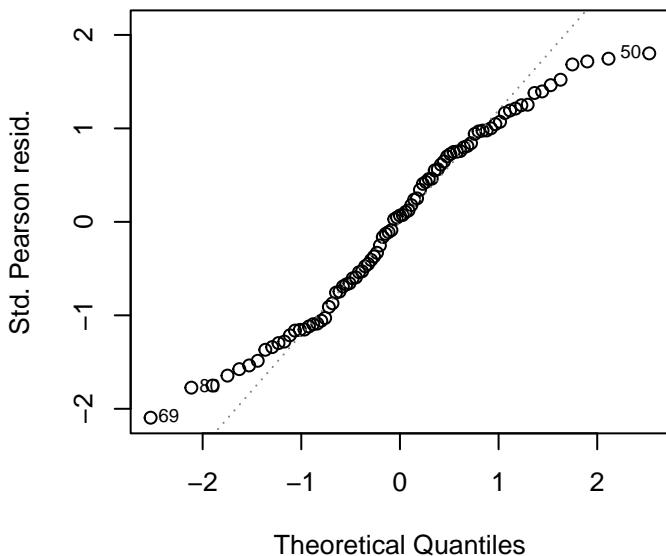


`glm(feve_ses ~ julian_date + temp + 1)`

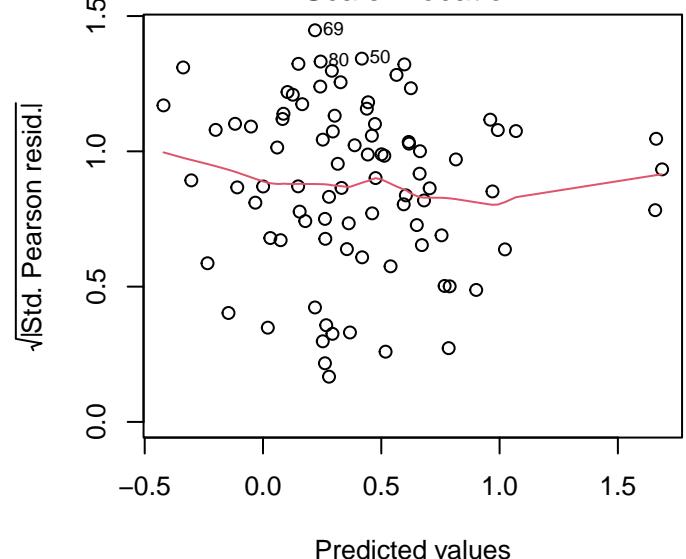
Residuals vs Fitted



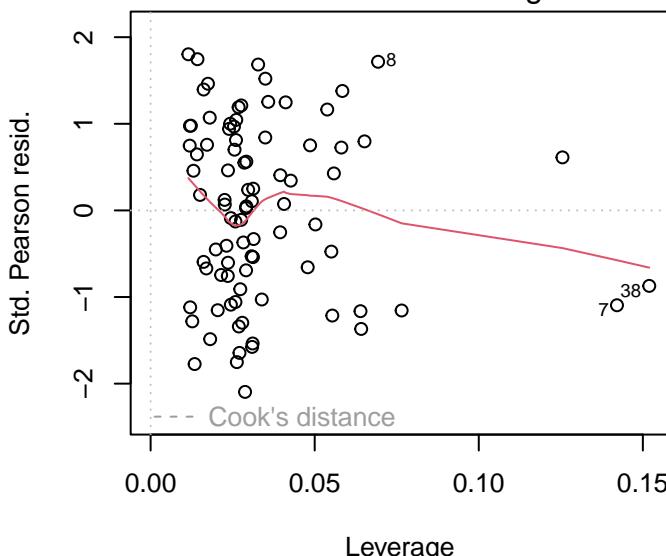
Normal Q-Q



Scale–Location

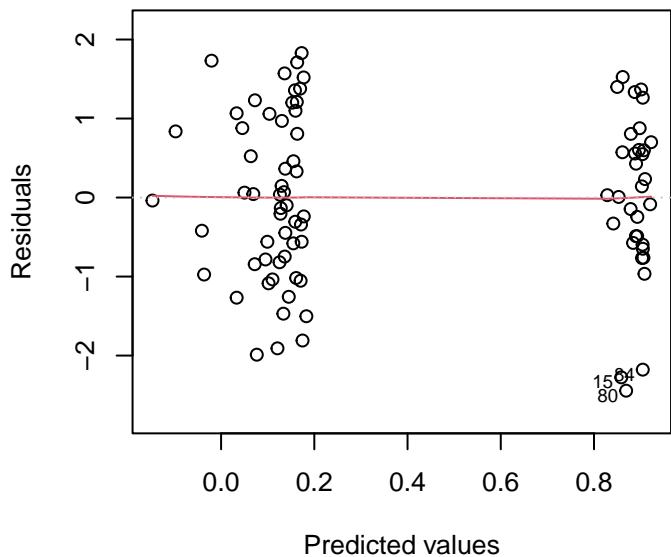


Residuals vs Leverage

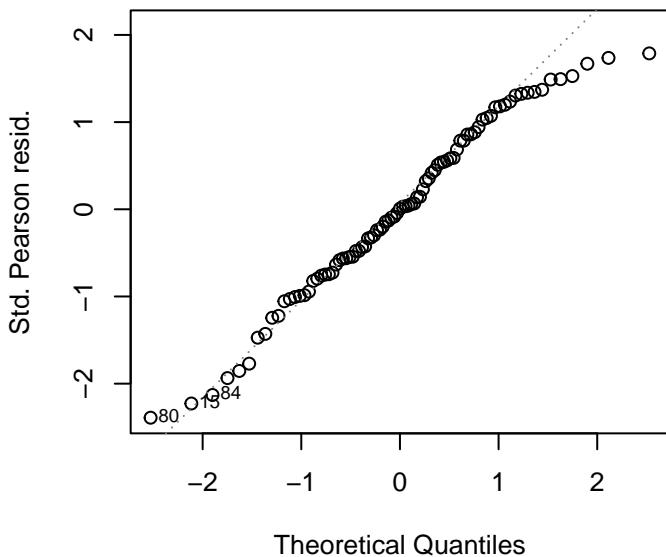


`glm(feve_ses ~ area + fish + 1)`

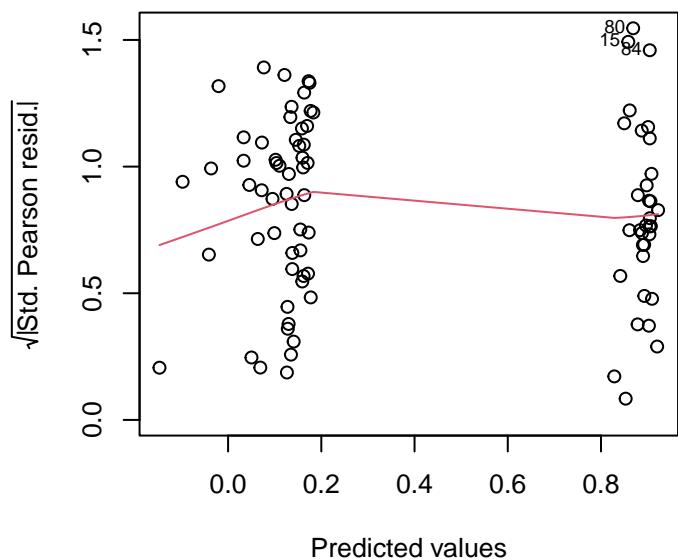
Residuals vs Fitted



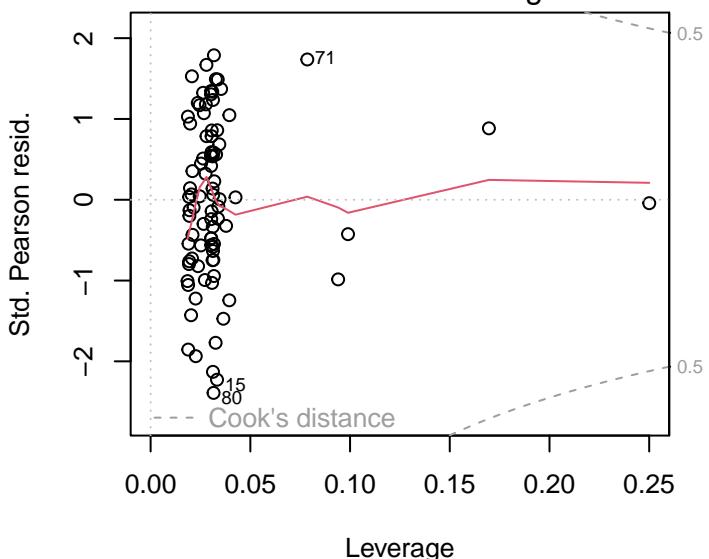
Normal Q-Q



Scale–Location

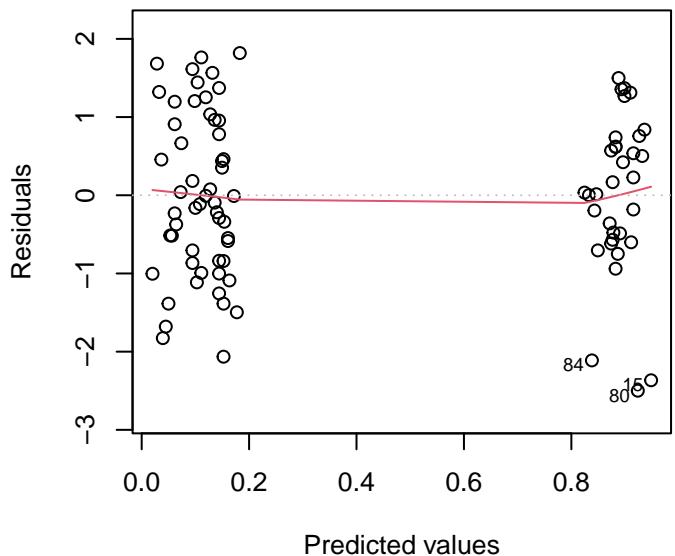


Residuals vs Leverage

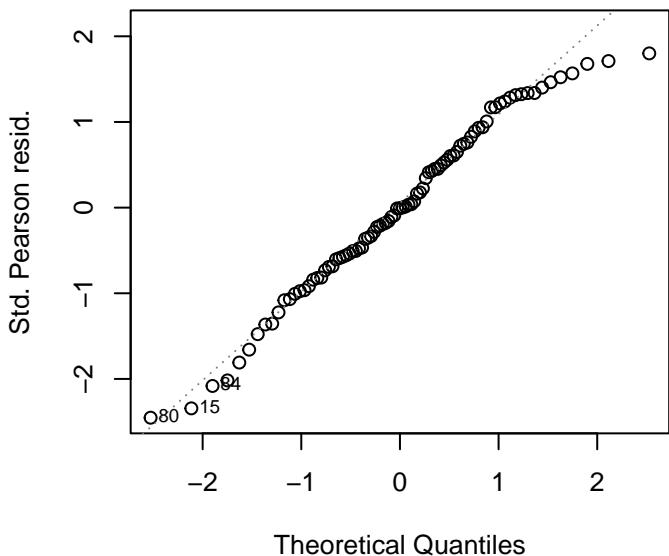


`glm(feve_ses ~ fish + time_convert + 1)`

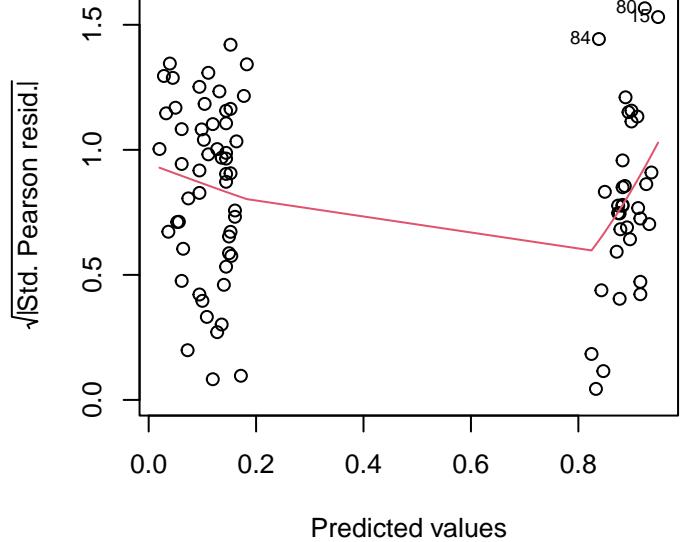
Residuals vs Fitted



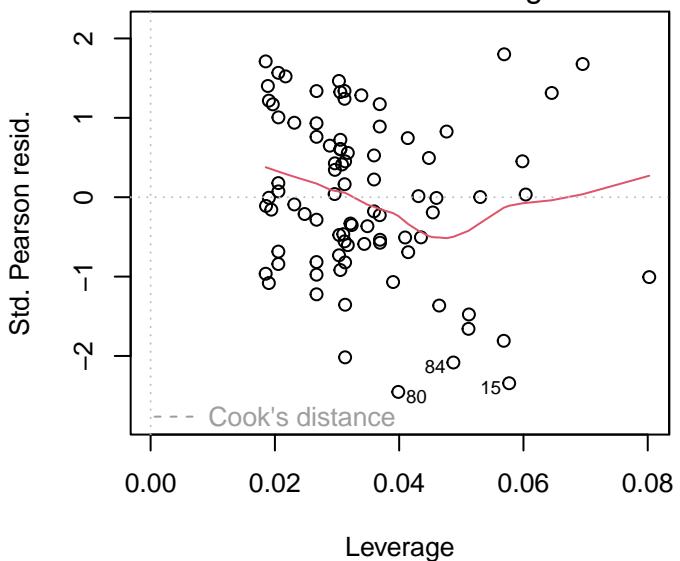
Normal Q-Q



Scale–Location



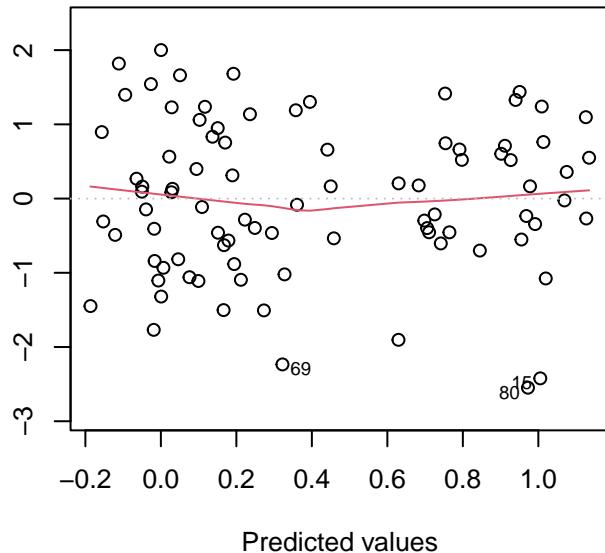
Residuals vs Leverage



`glm(feve_ses ~ fish + julian_date + time_convert + 1)`

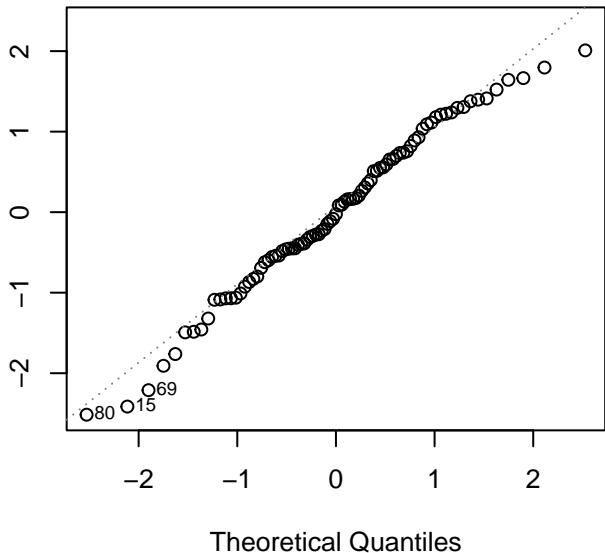
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

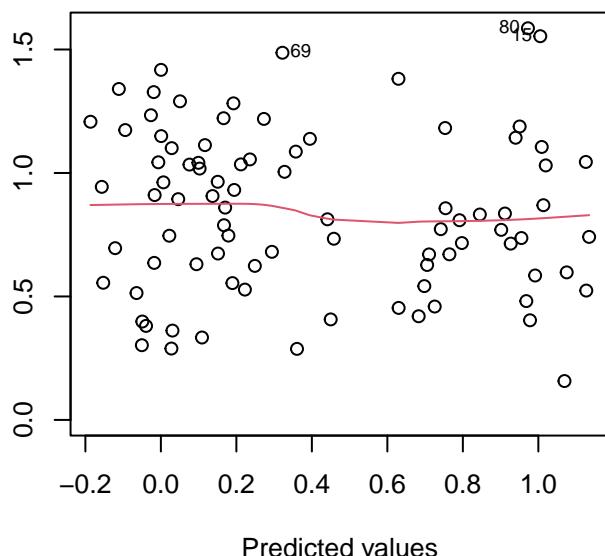


Predicted values

Theoretical Quantiles

Scale–Location

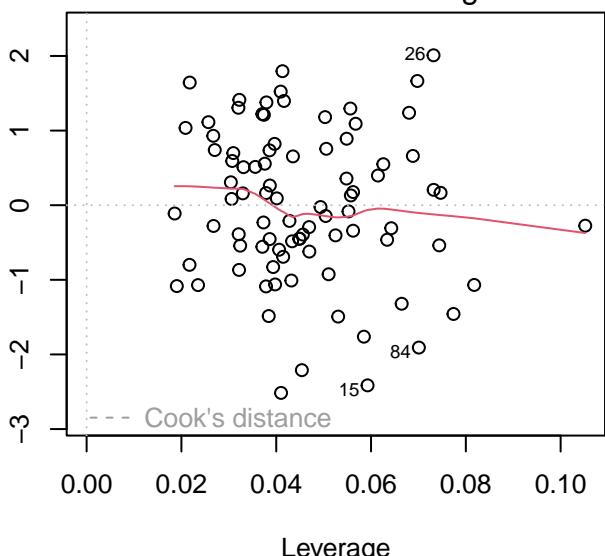
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.



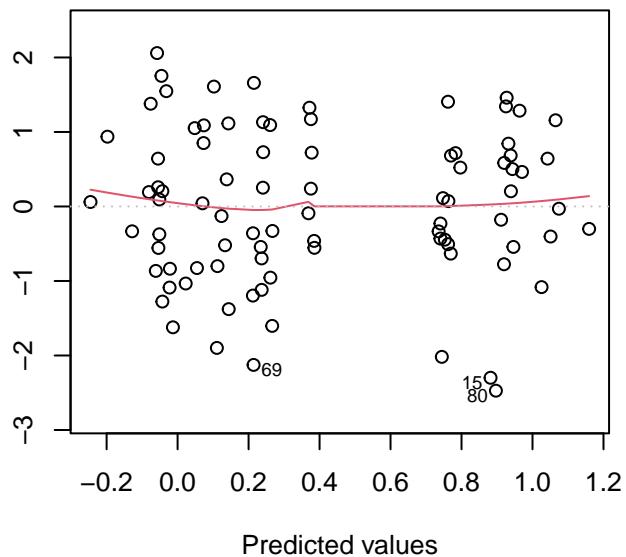
Leverage

Cook's distance

`glm(feve_ses ~ area + fish + julian_date + 1)`

Residuals vs Fitted

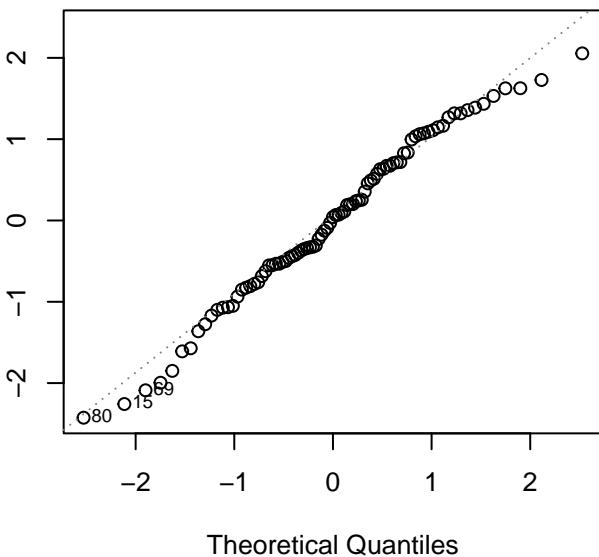
Residuals



Predicted values

Normal Q–Q

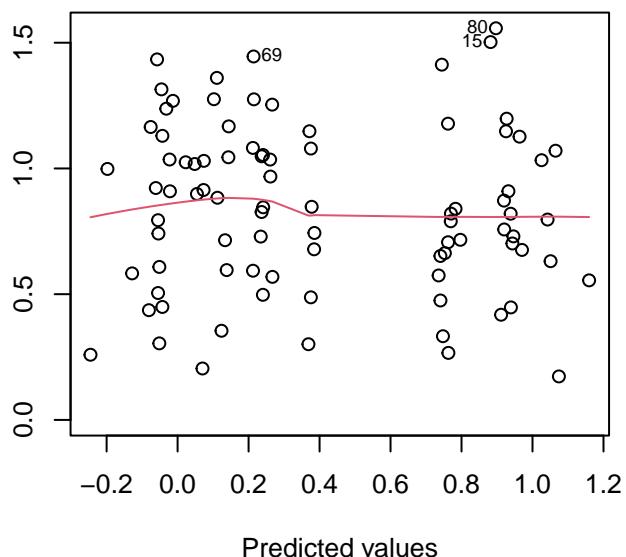
Std. Pearson resid.



Theoretical Quantiles

Scale–Location

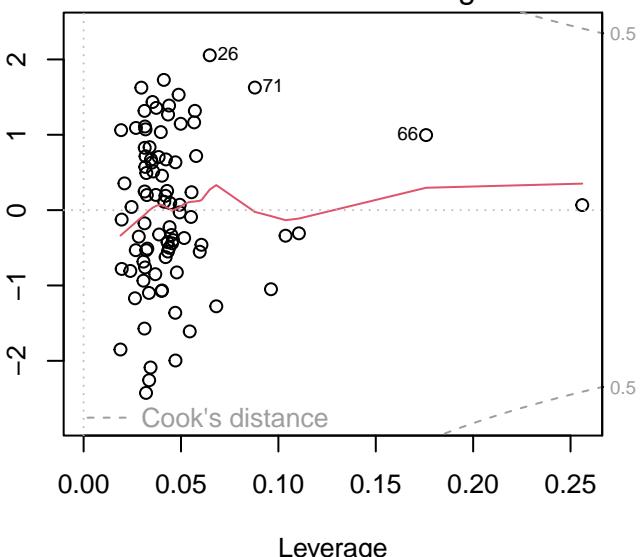
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

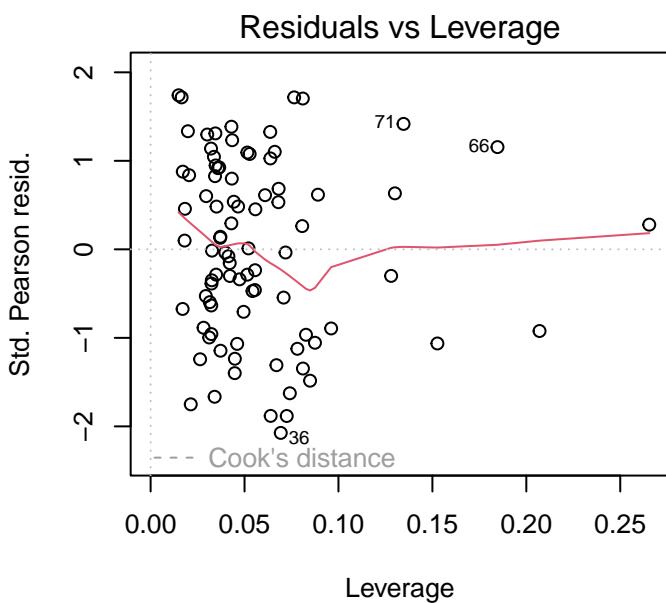
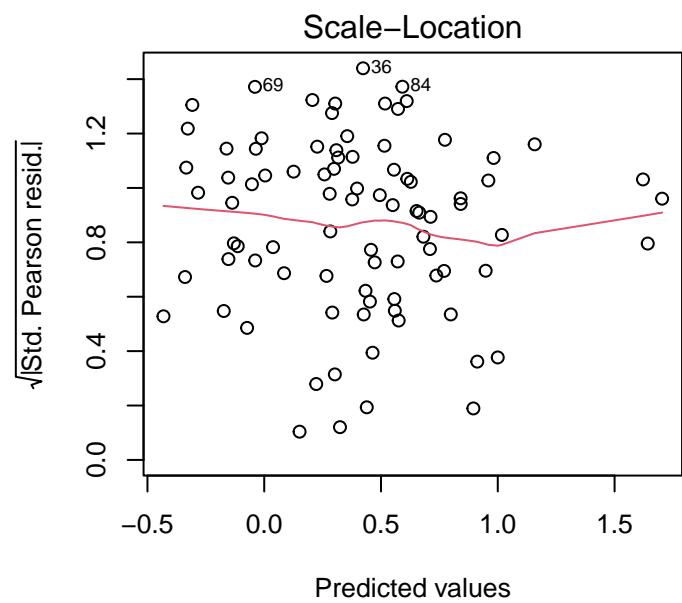
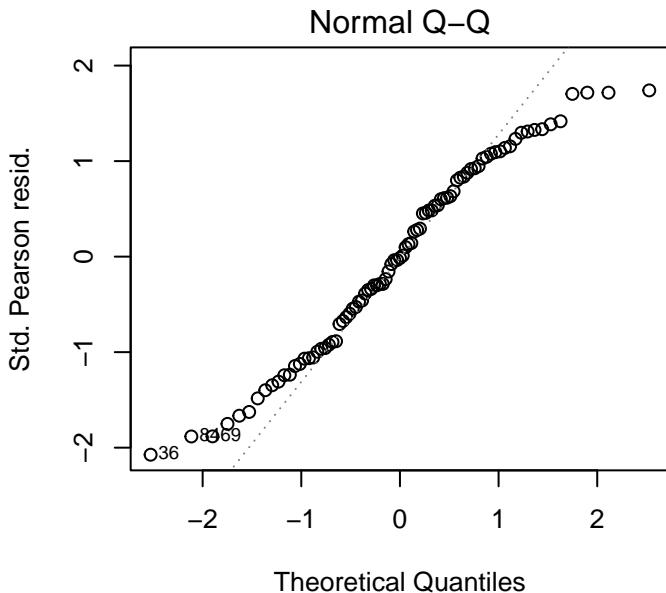
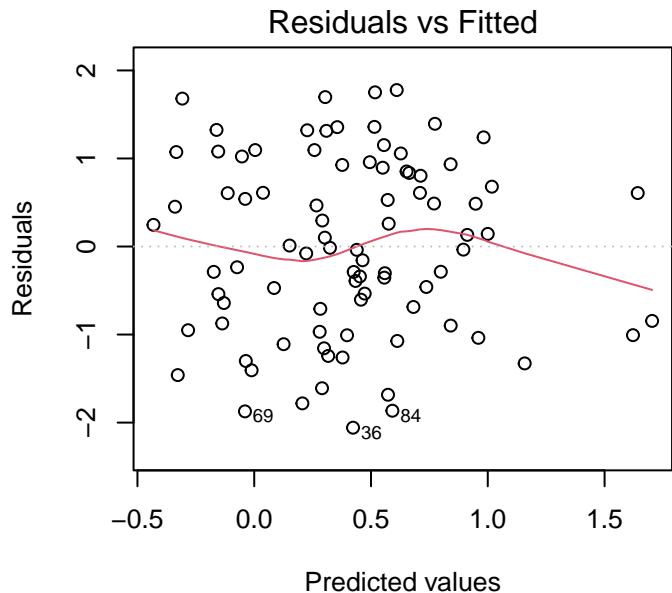
Residuals vs Leverage

Std. Pearson resid.

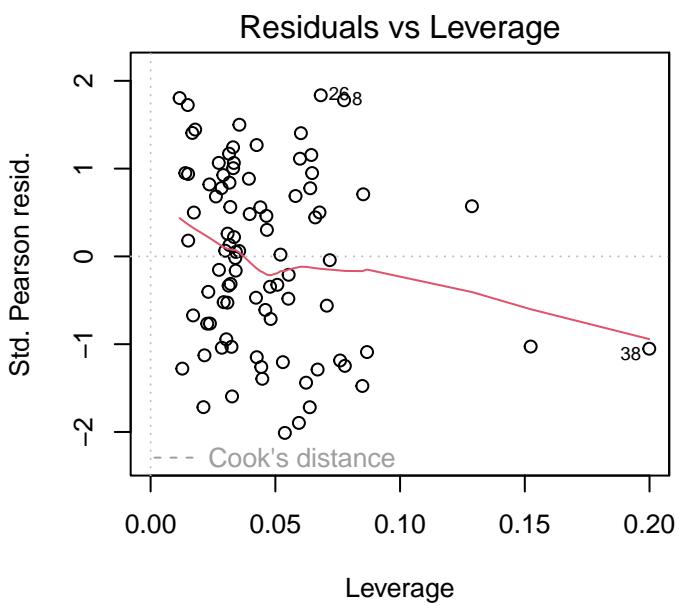
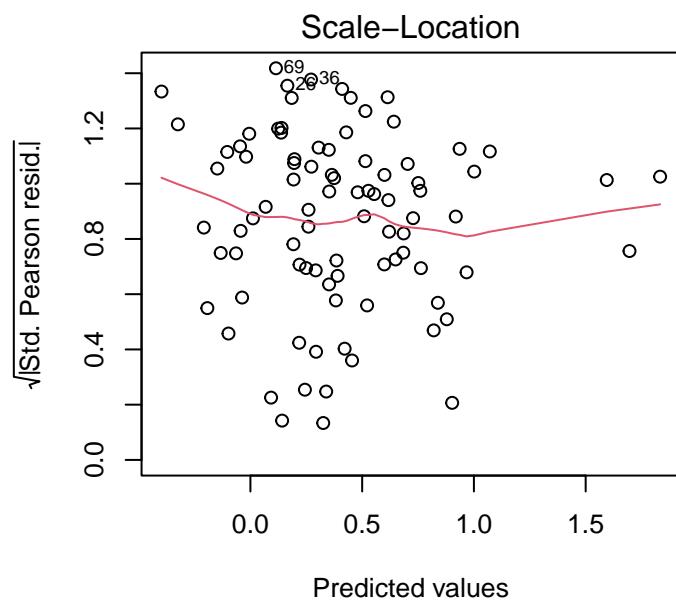
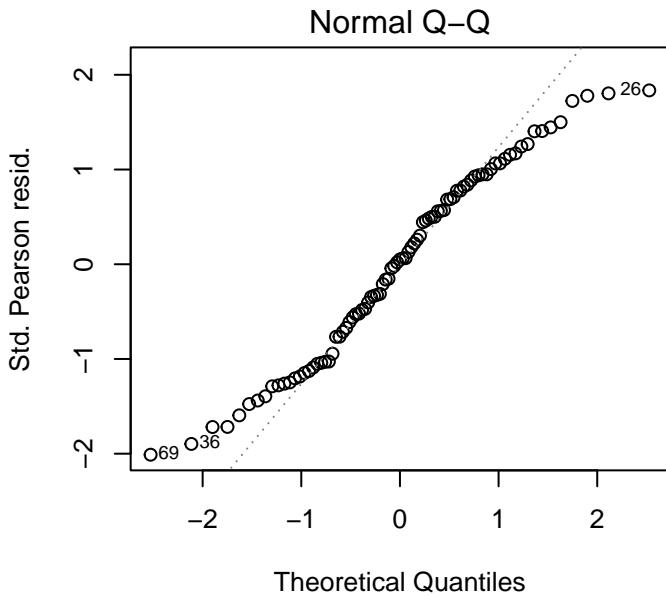
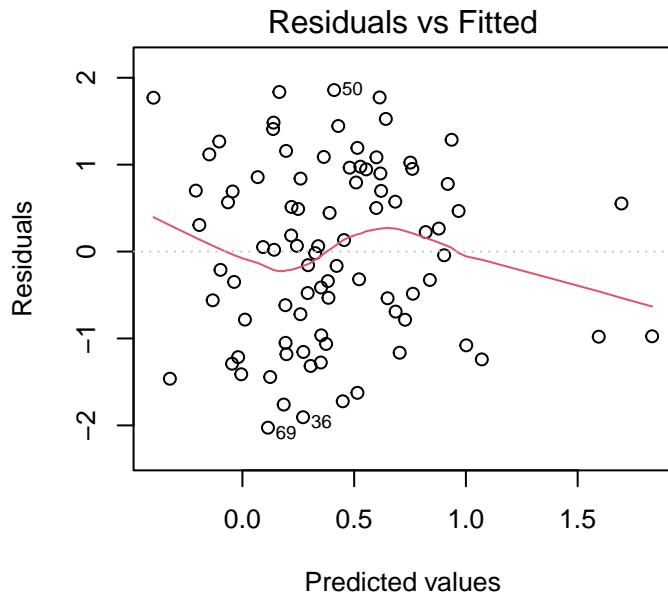


Leverage

`glm(feve_ses ~ area + julian_date + temp + time_convert + 1)`

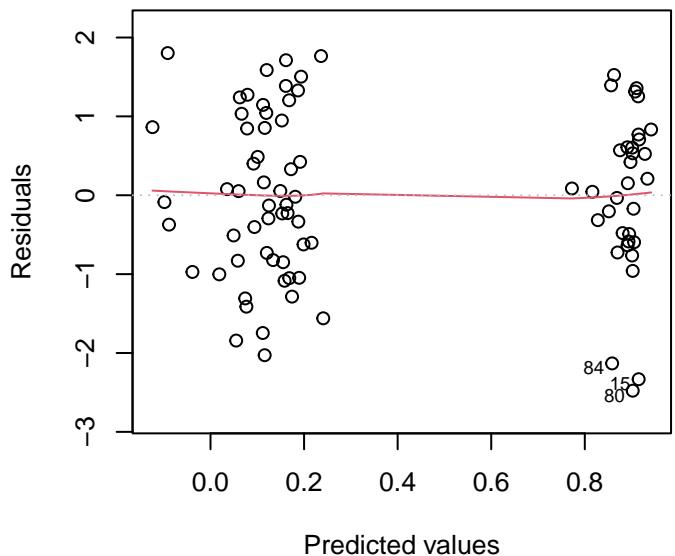


`glm(feve_ses ~ julian_date + temp + time_convert + 1)`

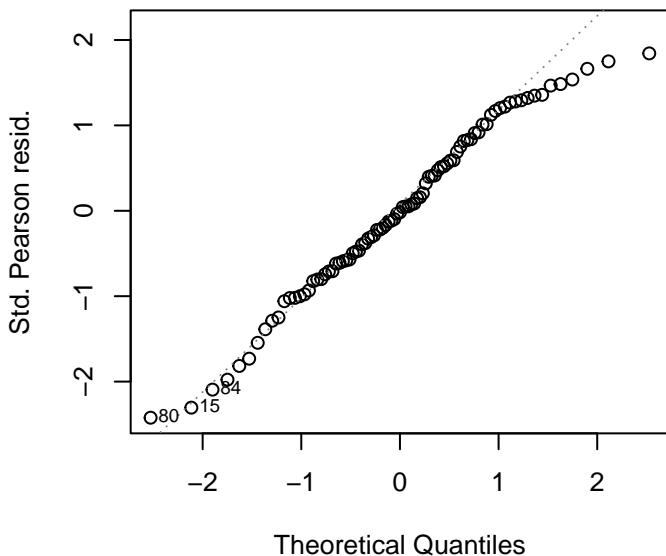


`glm(feve_ses ~ area + fish + time_convert + 1)`

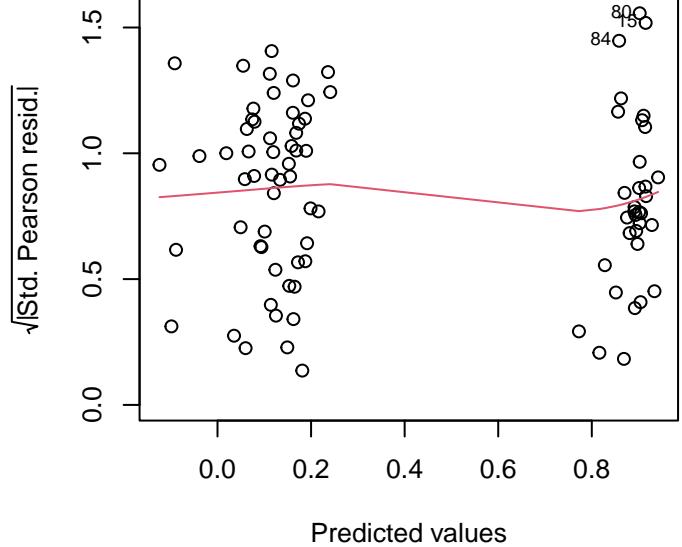
Residuals vs Fitted



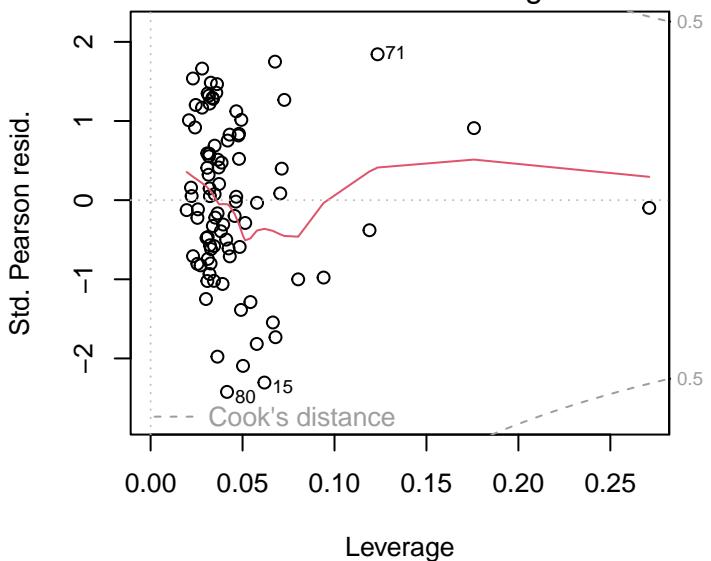
Normal Q-Q



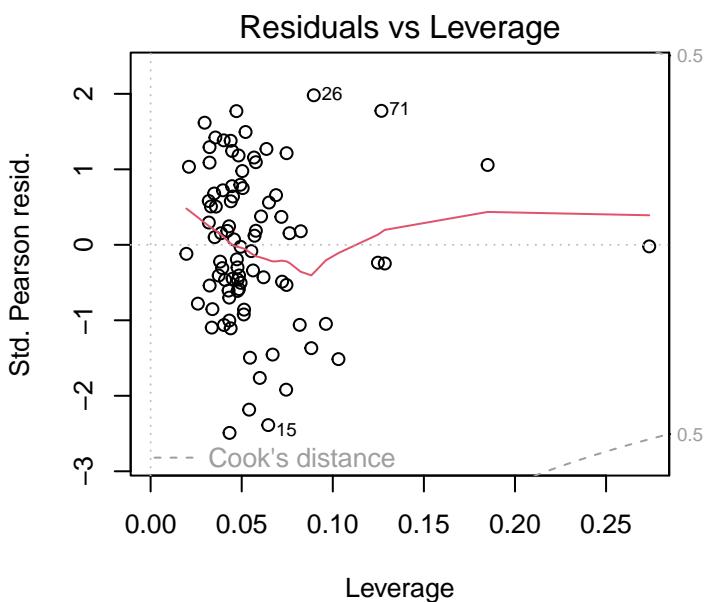
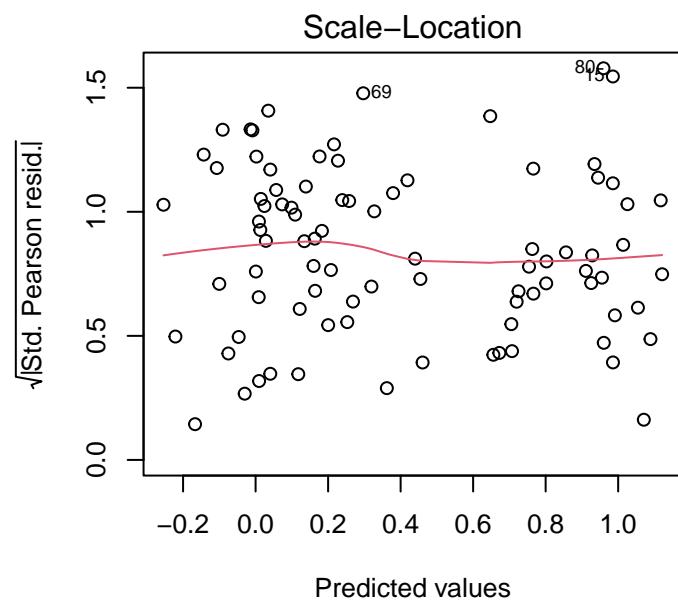
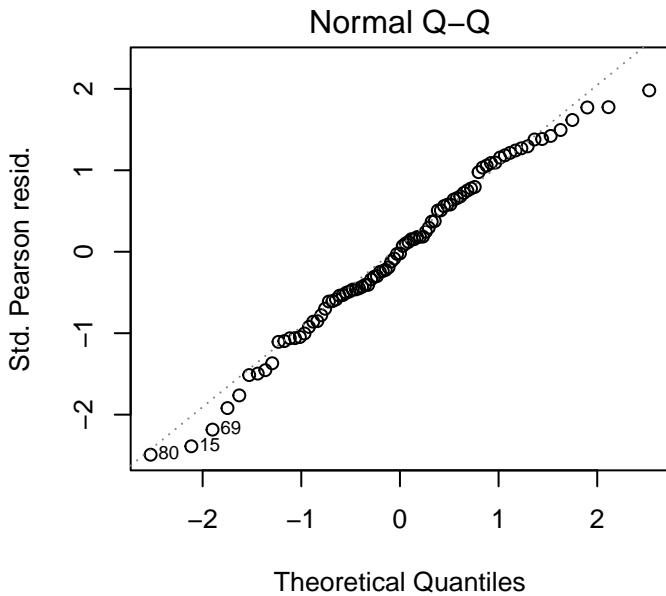
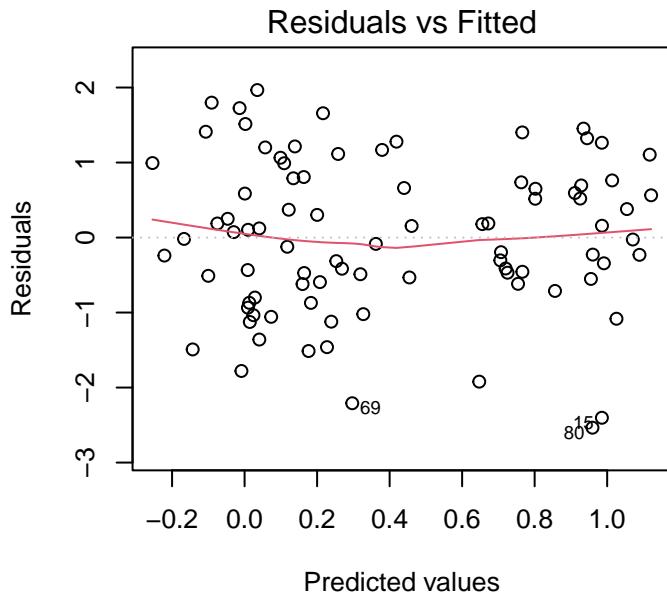
Scale–Location



Residuals vs Leverage



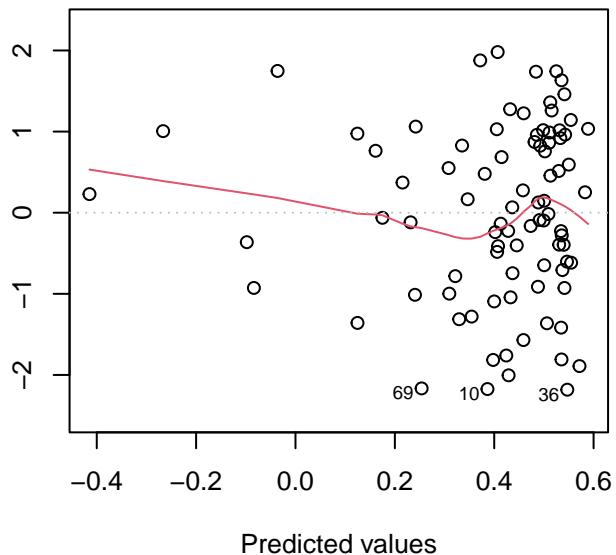
`glm(feve_ses ~ area + fish + julian_date + time_convert + 1)`



`glm(feve_ses ~ area + 1)`

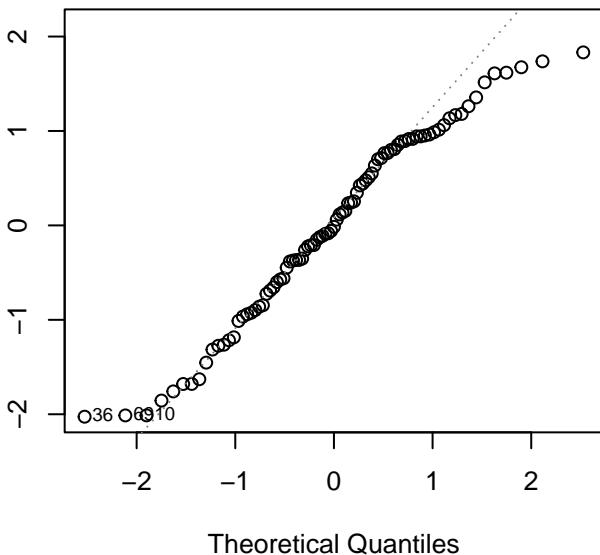
Residuals vs Fitted

Residuals



Normal Q-Q

Std. Pearson resid.

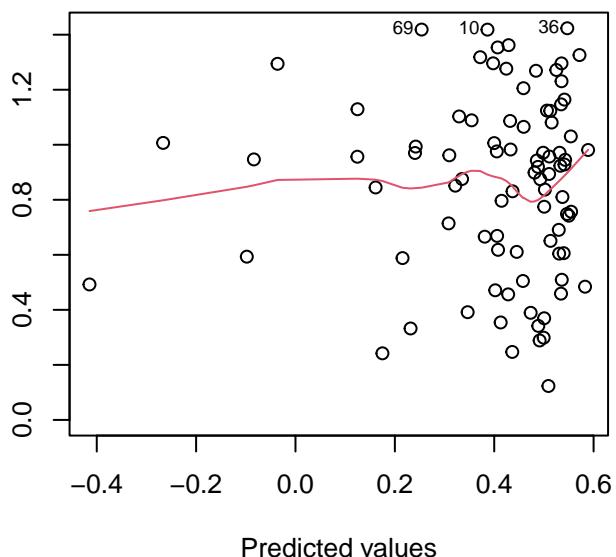


Predicted values

Theoretical Quantiles

Scale–Location

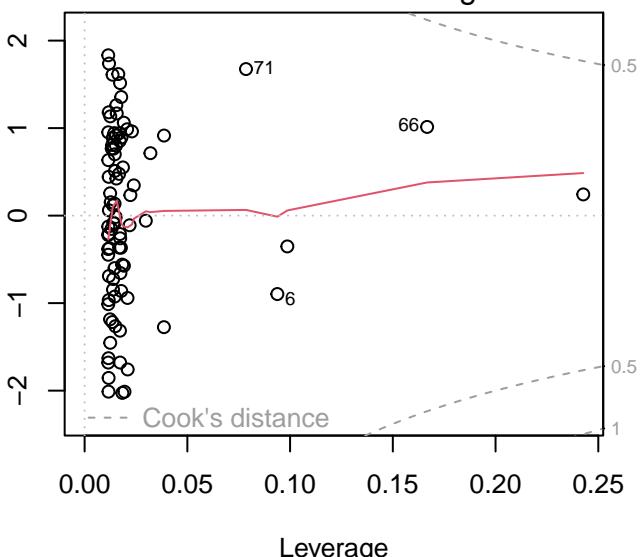
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

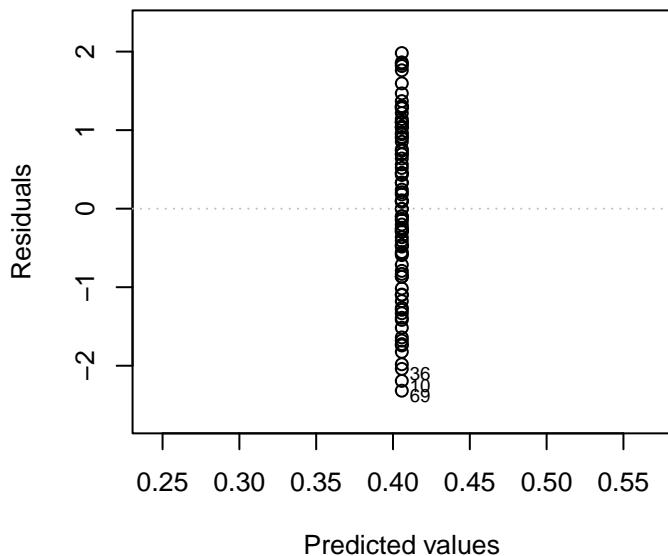


Leverage

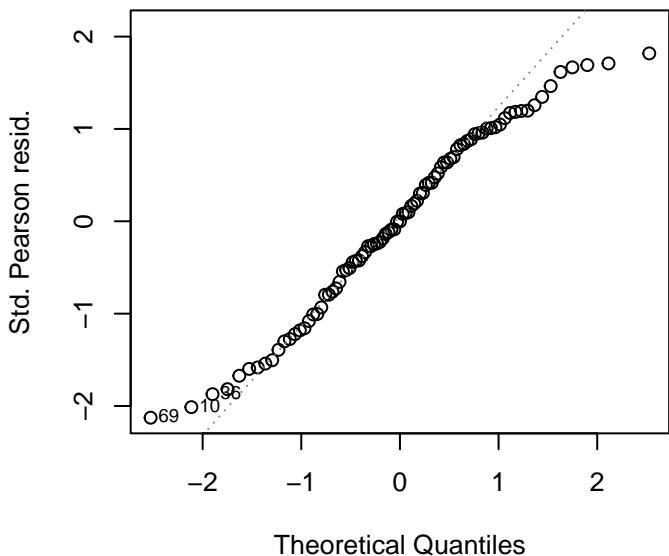
Cook's distance

`glm(feve_ses ~ 1)`

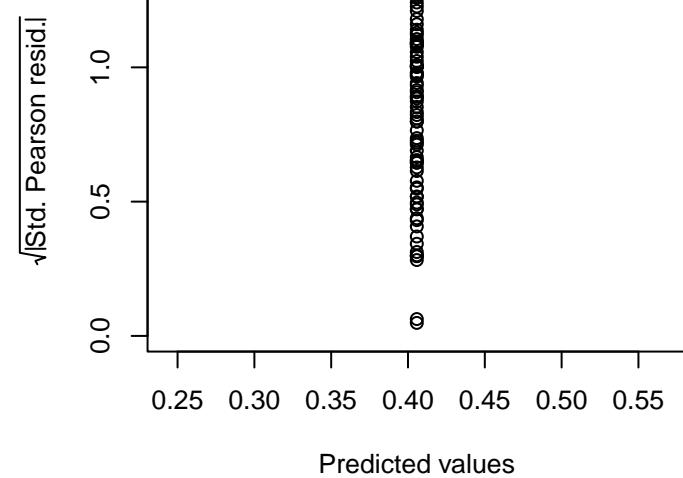
Residuals vs Fitted



Normal Q–Q



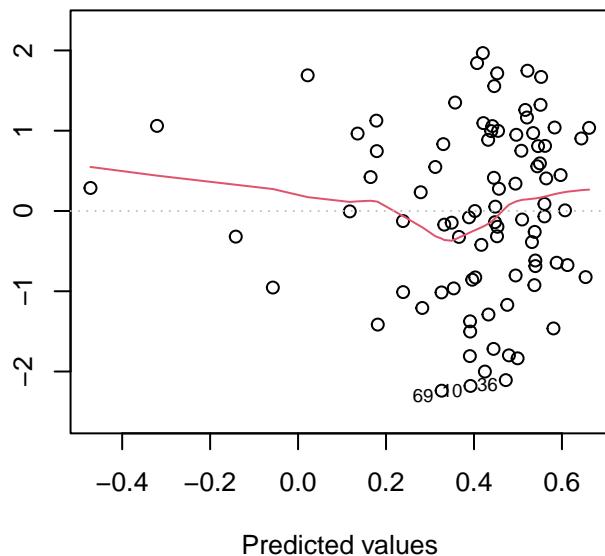
Scale–Location



`glm(feve_ses ~ area + julian_date + 1)`

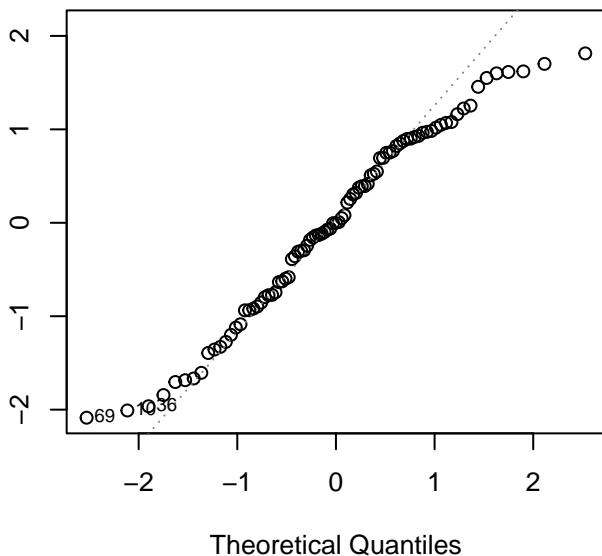
Residuals vs Fitted

Residuals



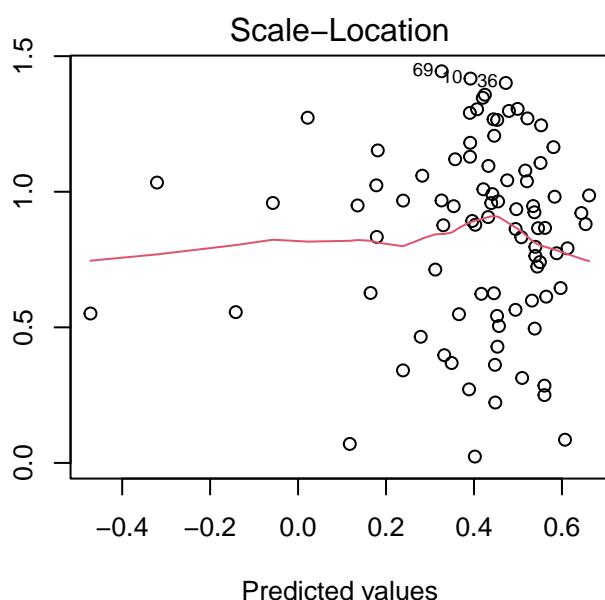
Normal Q–Q

Std. Pearson resid.



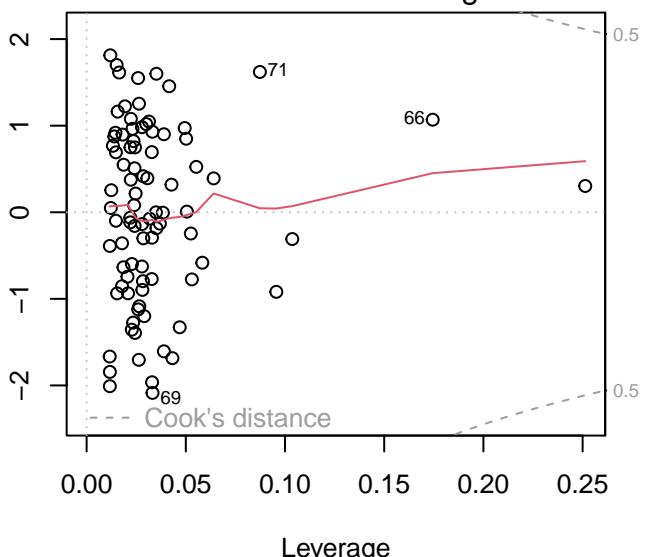
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage

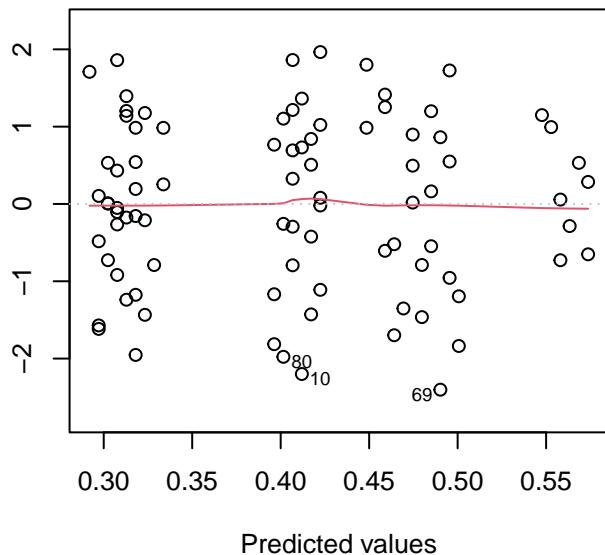
Std. Pearson resid.



`glm(feve_ses ~ julian_date + 1)`

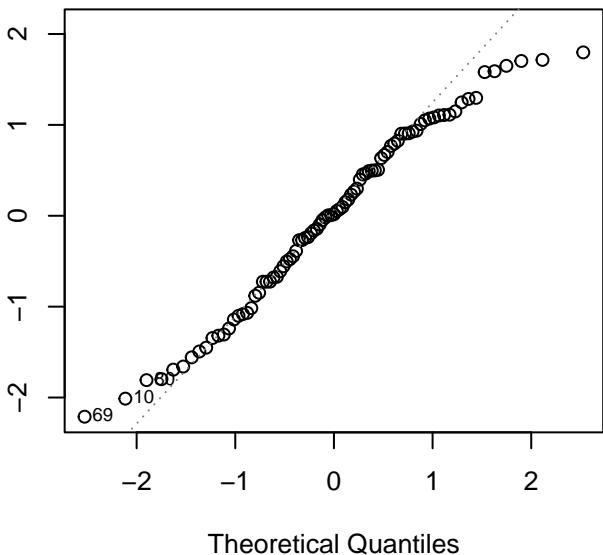
Residuals vs Fitted

Residuals



Normal Q-Q

Std. Pearson resid.

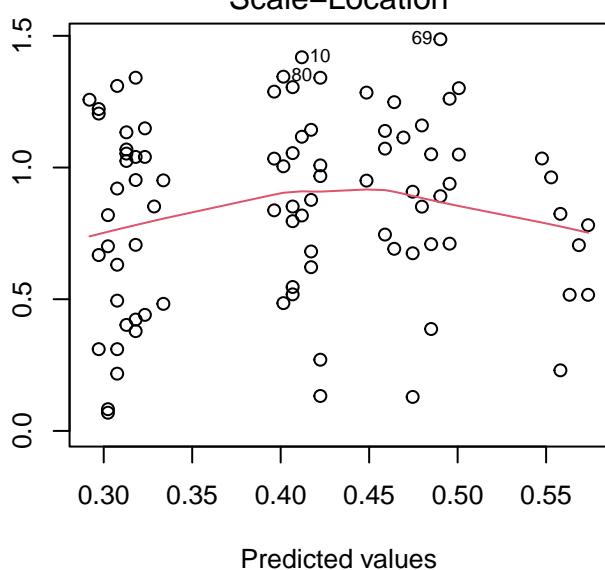


Predicted values

Theoretical Quantiles

Scale–Location

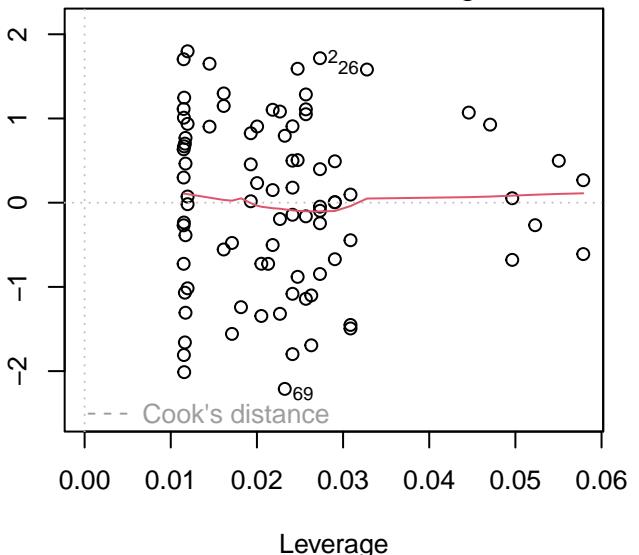
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

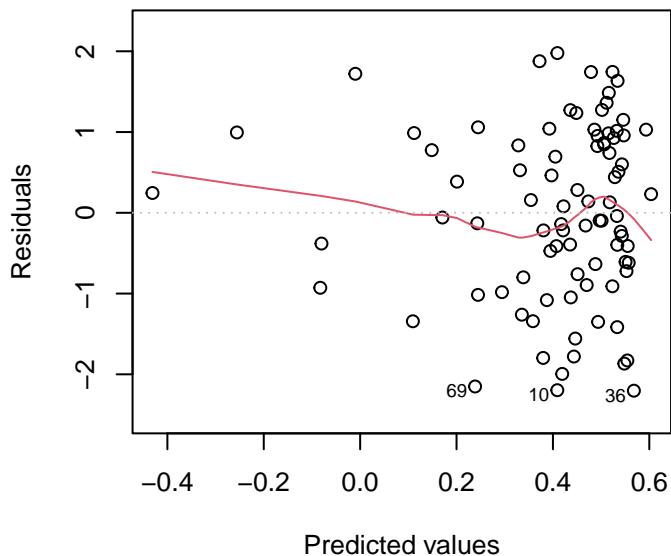


Leverage

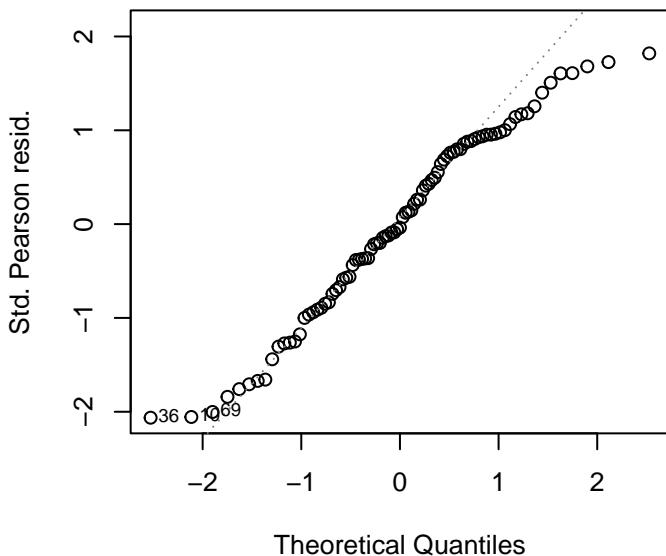
Cook's distance

`glm(feve_ses ~ area + time_convert + 1)`

Residuals vs Fitted



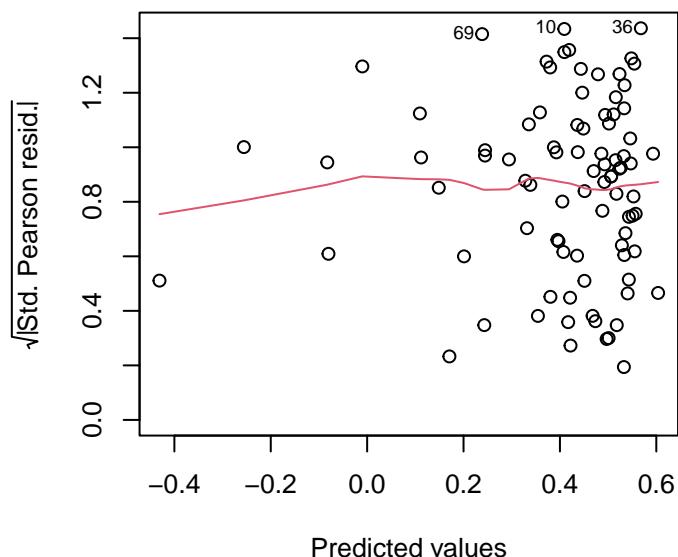
Normal Q–Q



Predicted values

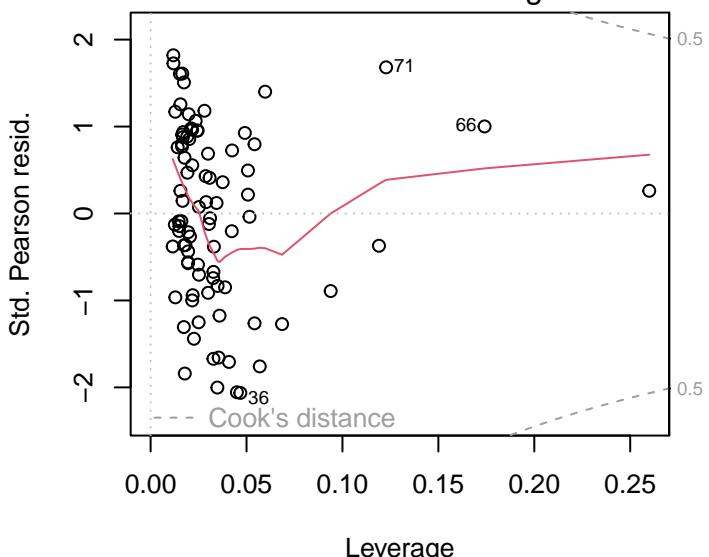
Theoretical Quantiles

Scale–Location



Predicted values

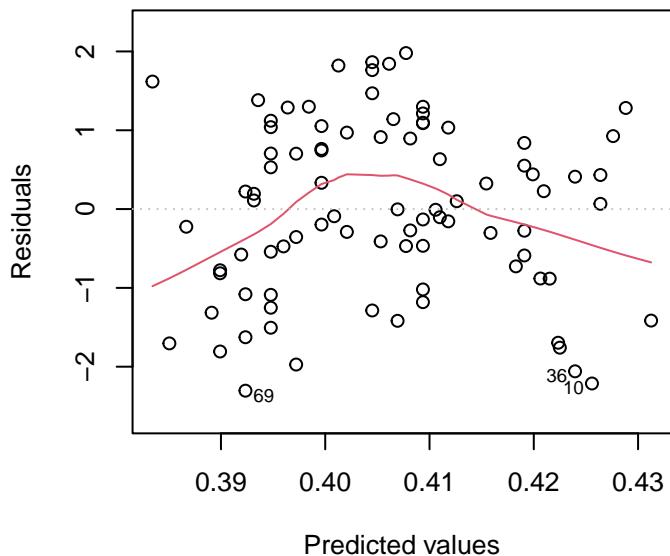
Residuals vs Leverage



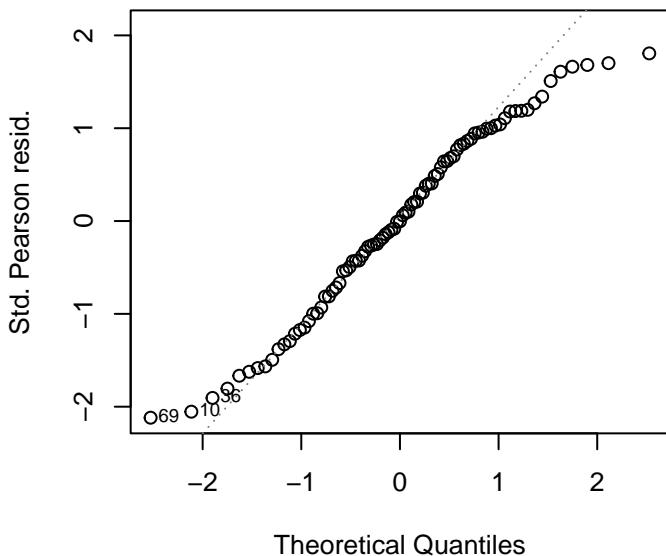
Leverage

`glm(feve_ses ~ time_convert + 1)`

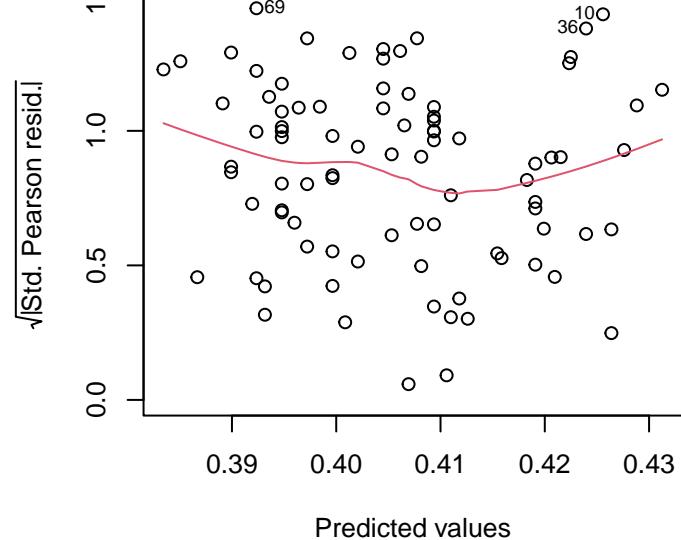
Residuals vs Fitted



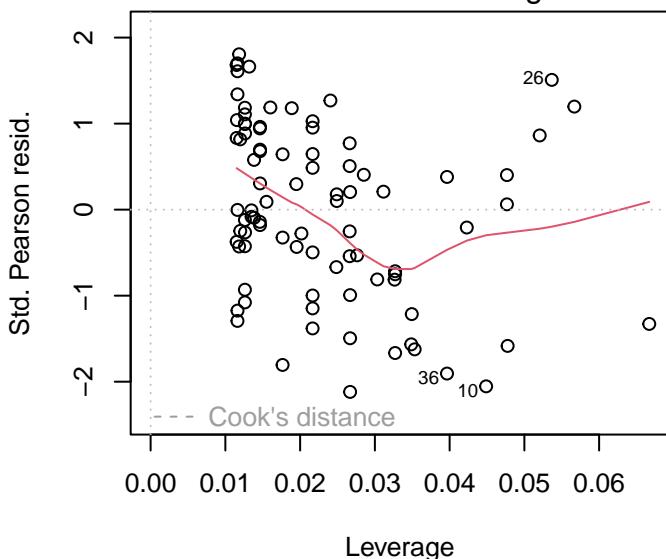
Normal Q–Q



Scale–Location



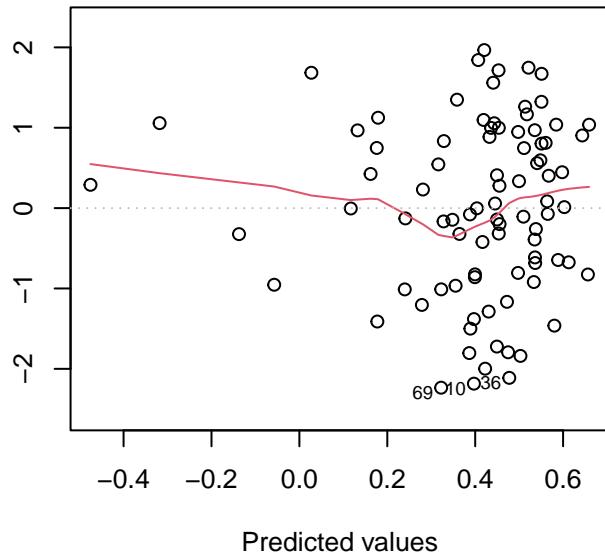
Residuals vs Leverage



`glm(feve_ses ~ area + julian_date + time_convert + 1)`

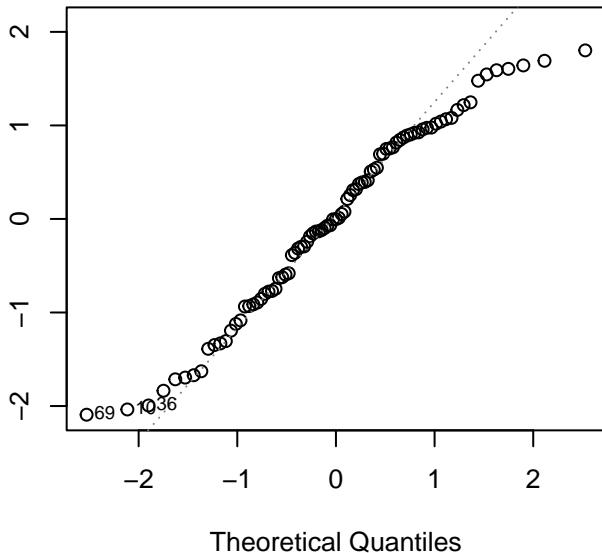
Residuals vs Fitted

Residuals



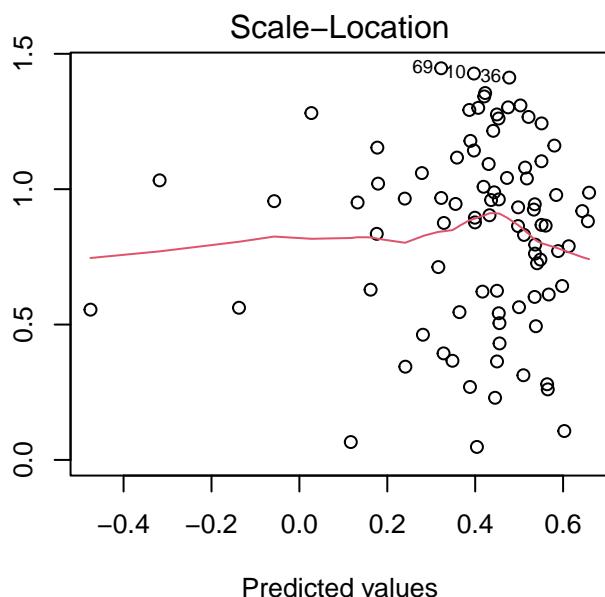
Normal Q–Q

Std. Pearson resid.



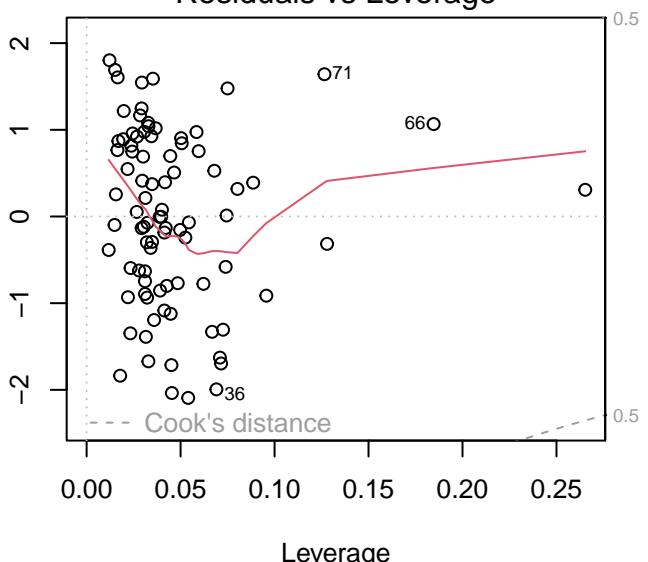
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage

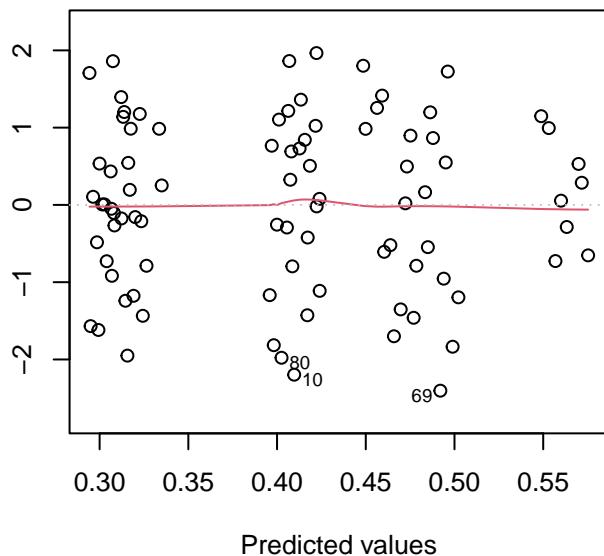
Std. Pearson resid.



`glm(feve_ses ~ julian_date + time_convert + 1)`

Residuals vs Fitted

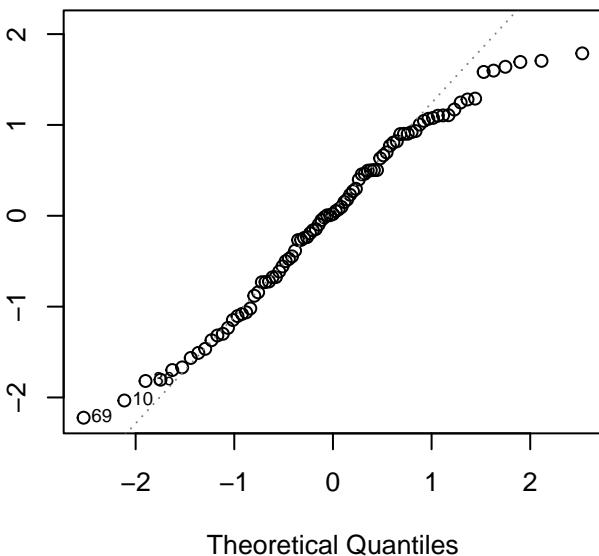
Residuals



Predicted values

Normal Q-Q

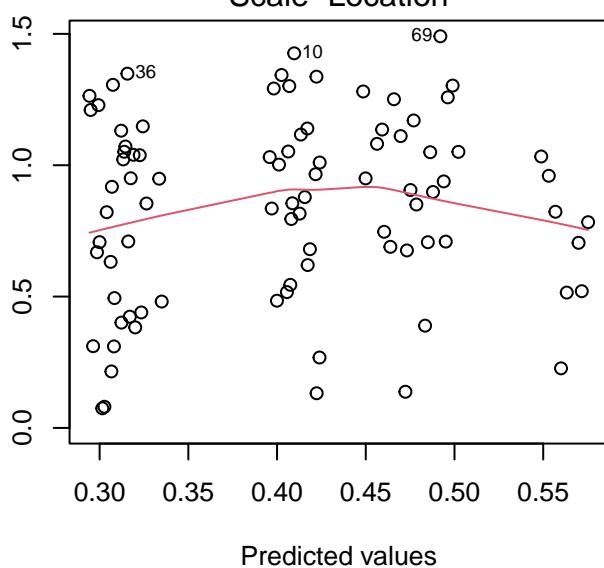
Std. Pearson resid.



Theoretical Quantiles

Scale–Location

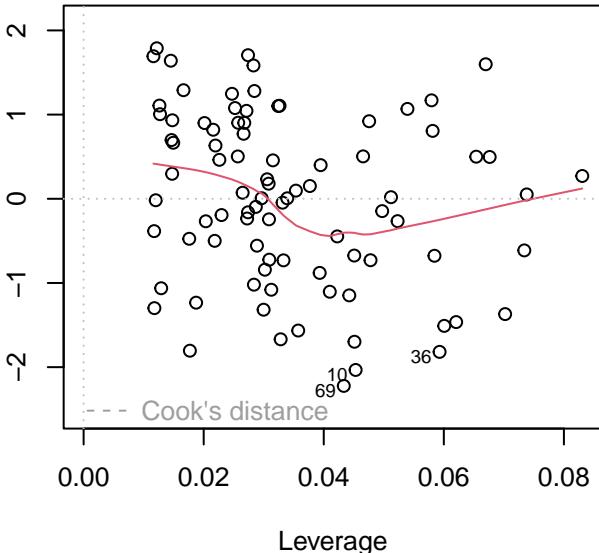
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

Std. Pearson resid.

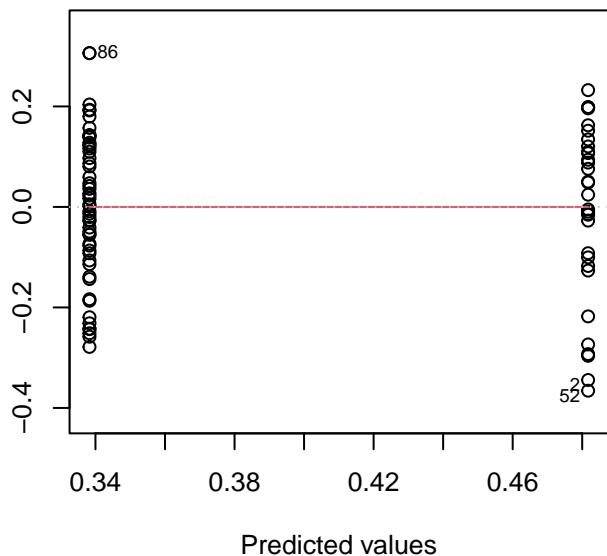


Leverage

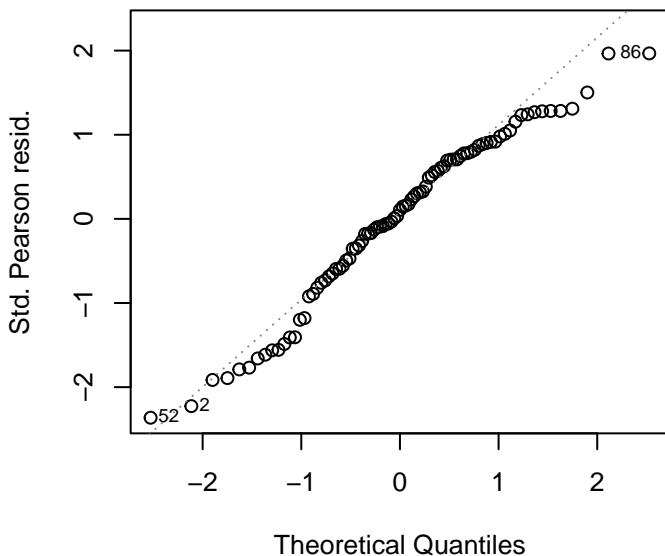
$\text{glm}(\text{M.prime} \sim \text{fish} + 1)$

Residuals vs Fitted

Residuals

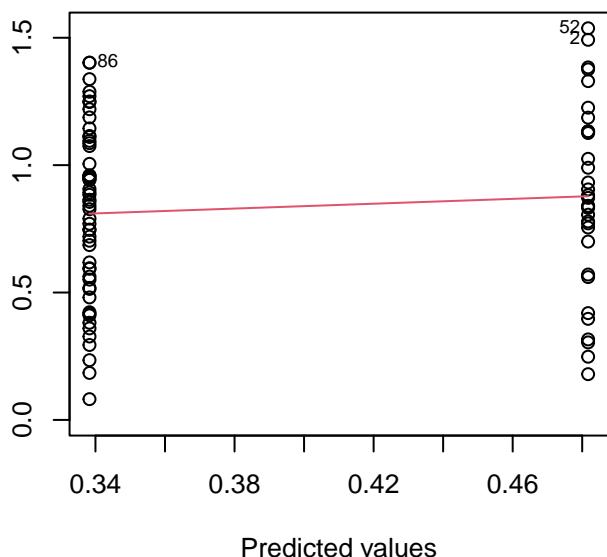


Normal Q-Q

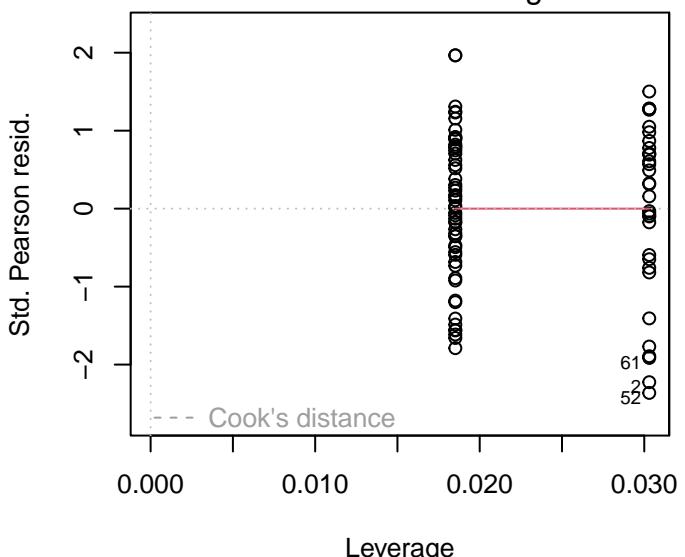


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



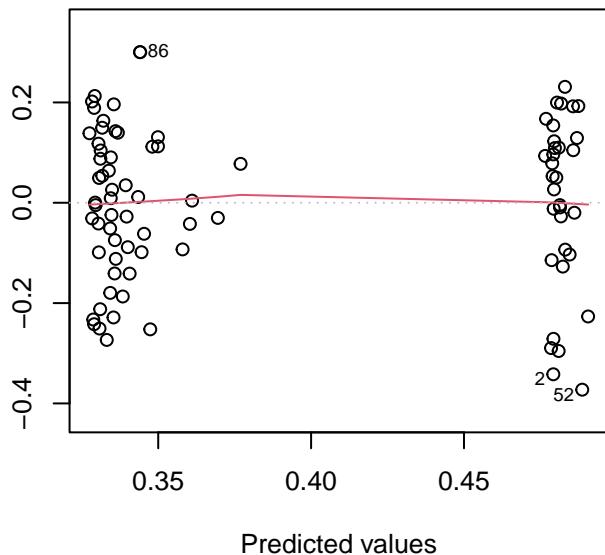
Residuals vs Leverage



$\text{glm}(\text{M.prime} \sim \text{area} + \text{fish} + 1)$

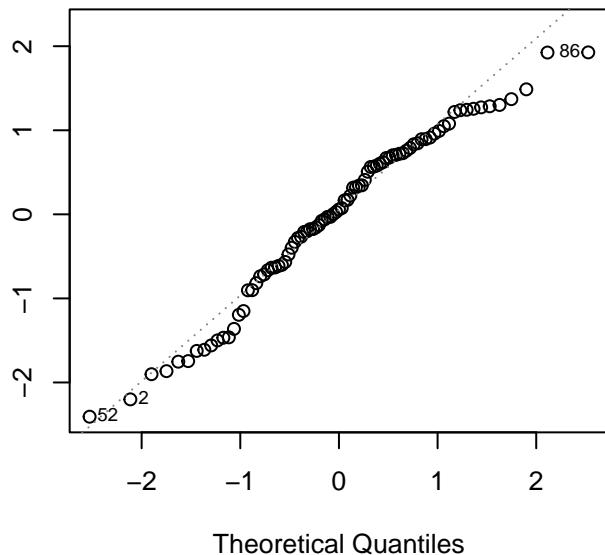
Residuals vs Fitted

Residuals



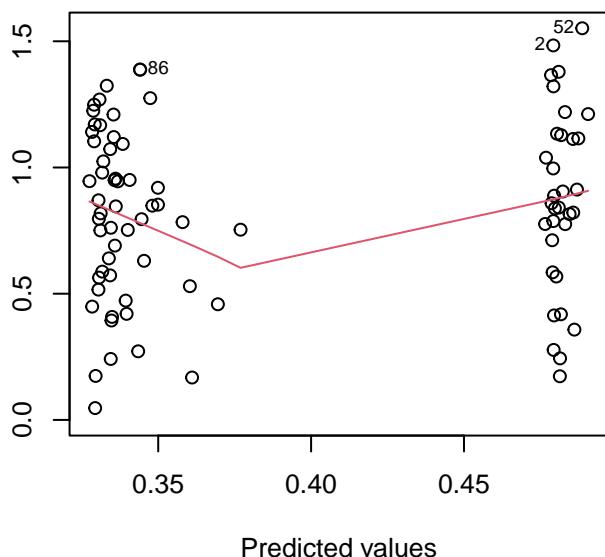
Normal Q–Q

Std. Pearson resid.



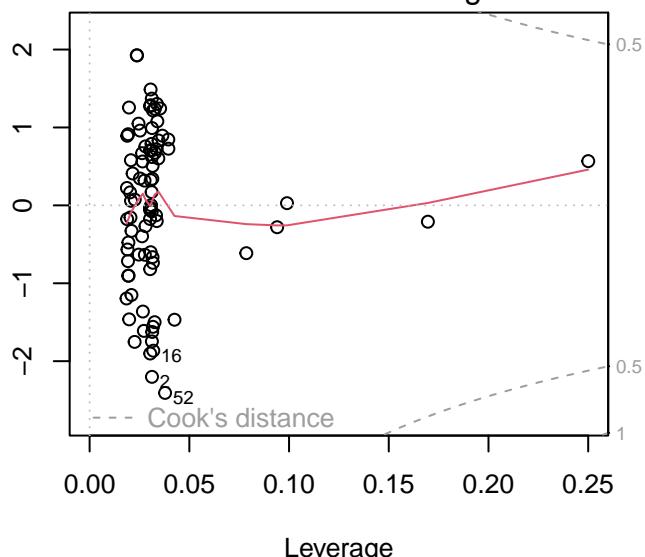
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

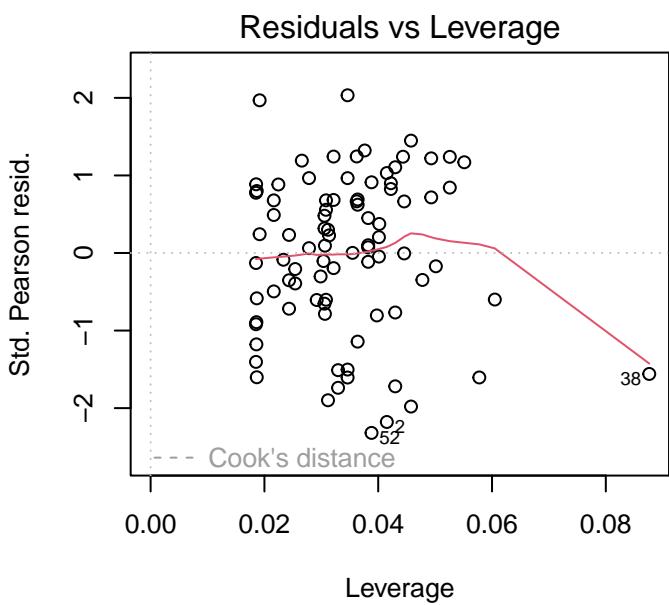
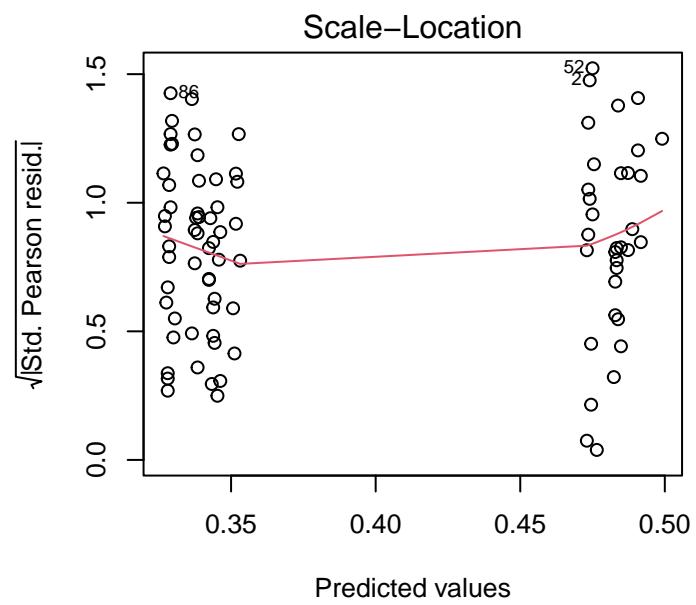
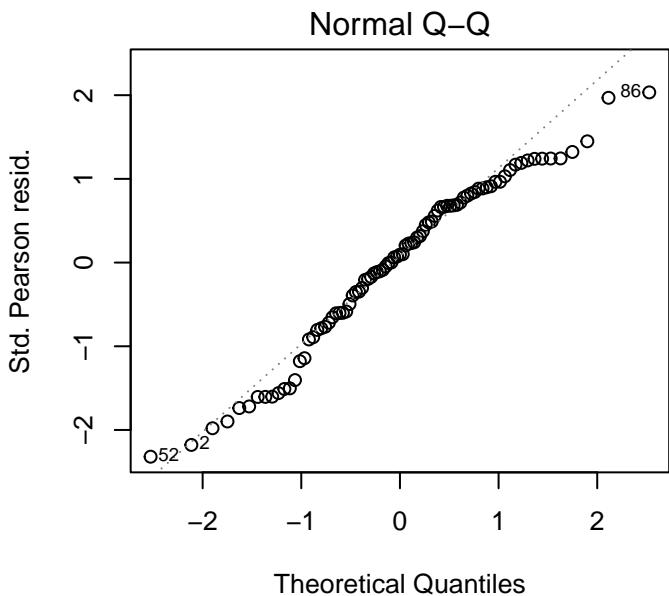
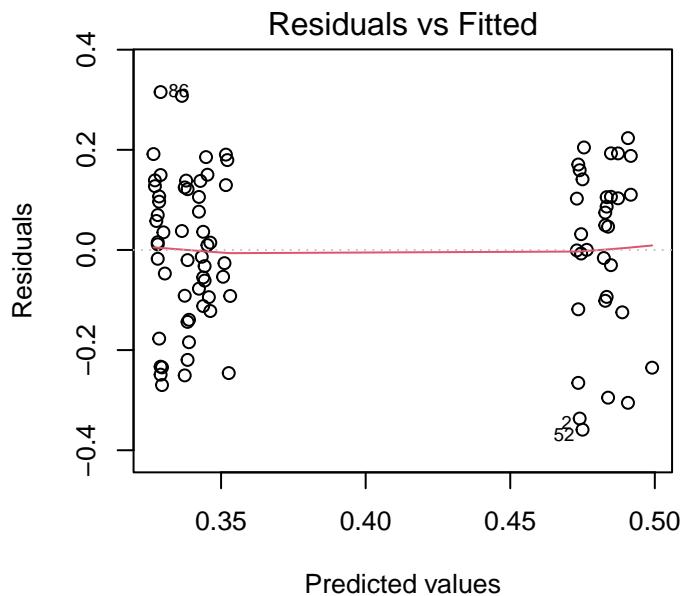


Residuals vs Leverage

Std. Pearson resid.



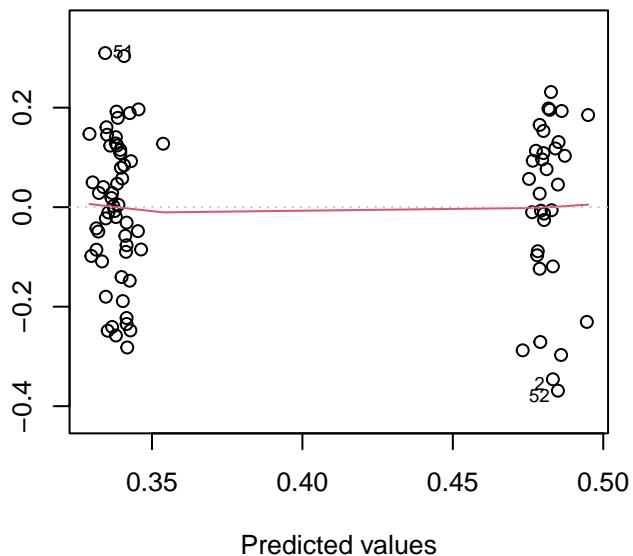
`glm(M.prime ~ fish + julian_date + 1)`



$\text{glm}(\text{M.prime} \sim \text{fish} + \text{temp} + 1)$

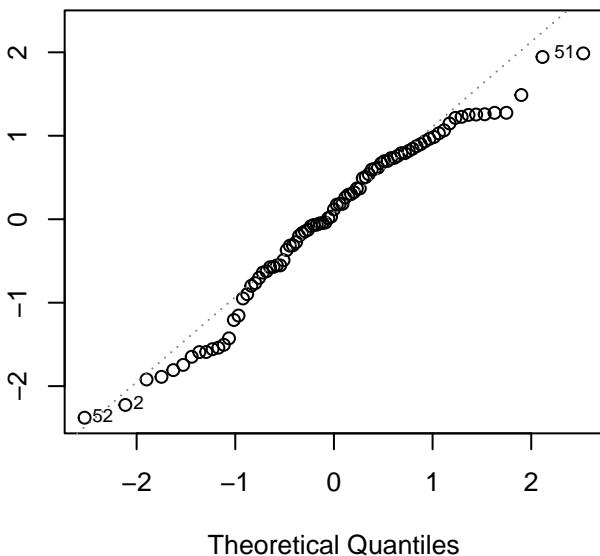
Residuals vs Fitted

Residuals



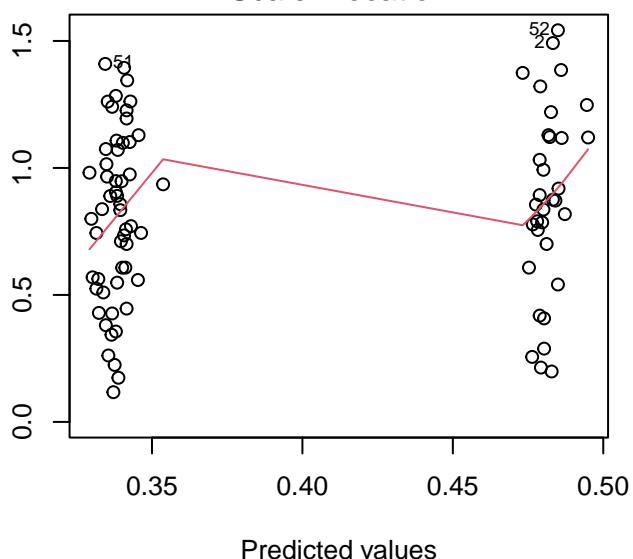
Normal Q–Q

Std. Pearson resid.



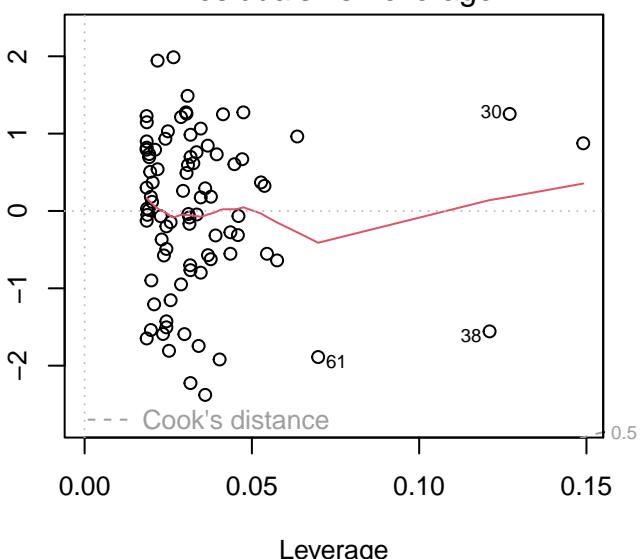
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



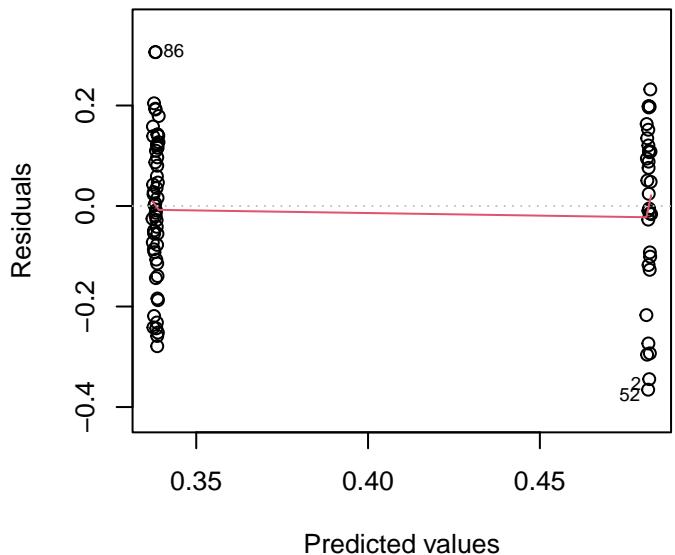
Residuals vs Leverage

Std. Pearson resid.

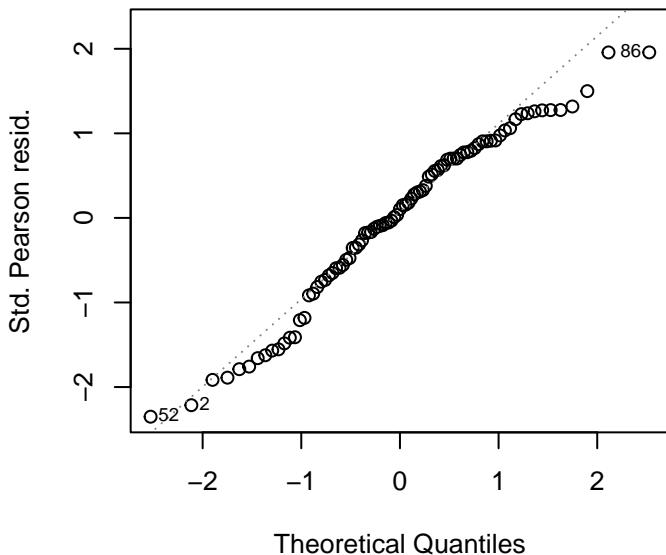


`glm(M.prime ~ fish + time_convert + 1)`

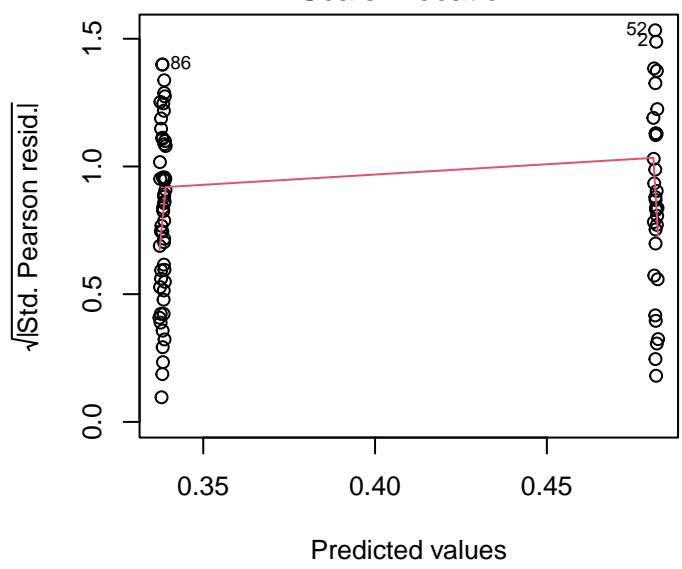
Residuals vs Fitted



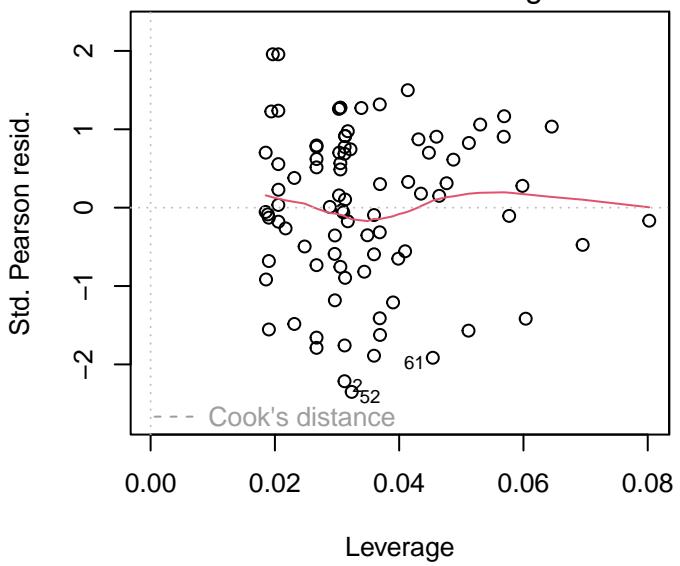
Normal Q-Q



Scale–Location



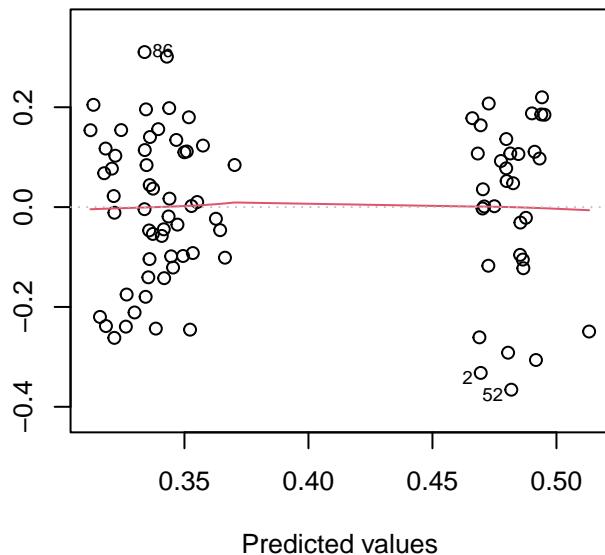
Residuals vs Leverage



`glm(M.prime ~ area + fish + julian_date + 1)`

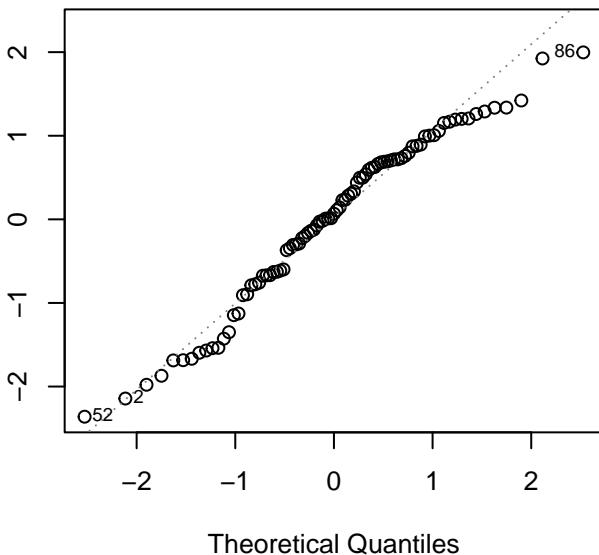
Residuals vs Fitted

Residuals



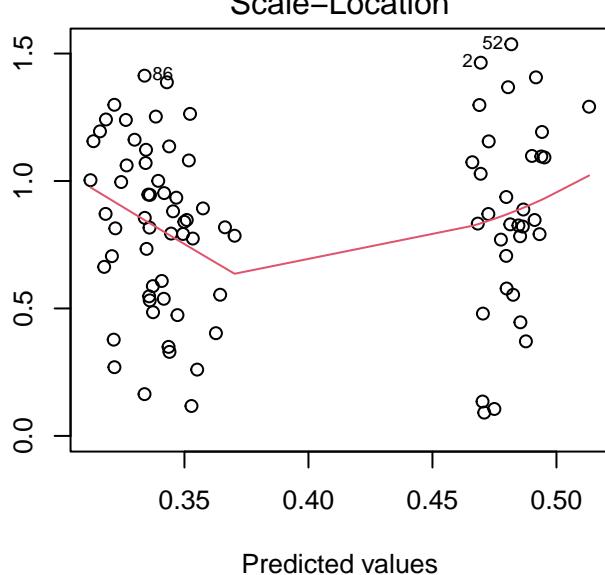
Normal Q–Q

Std. Pearson resid.



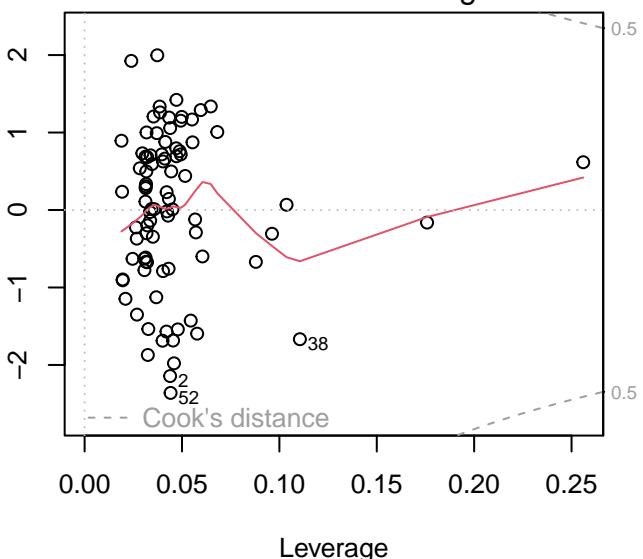
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage

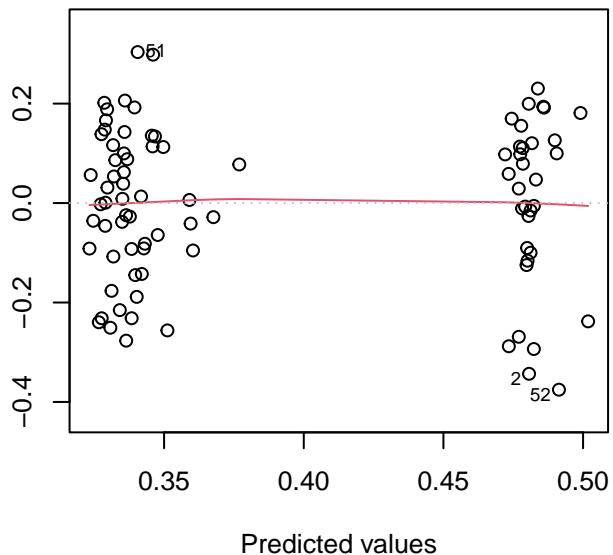
Std. Pearson resid.



`glm(M.prime ~ area + fish + temp + 1)`

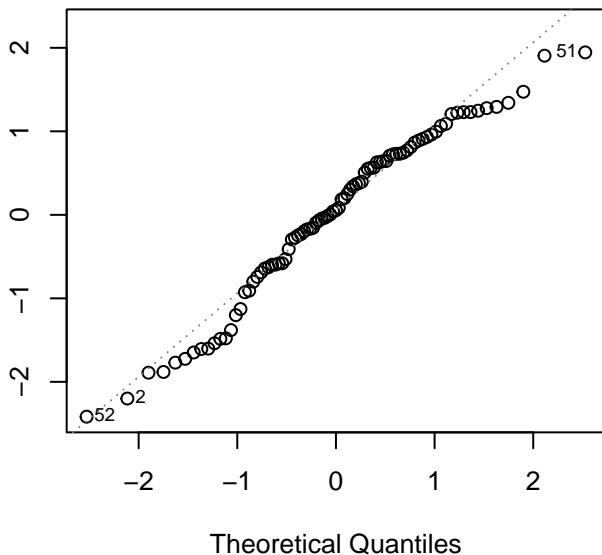
Residuals vs Fitted

Residuals



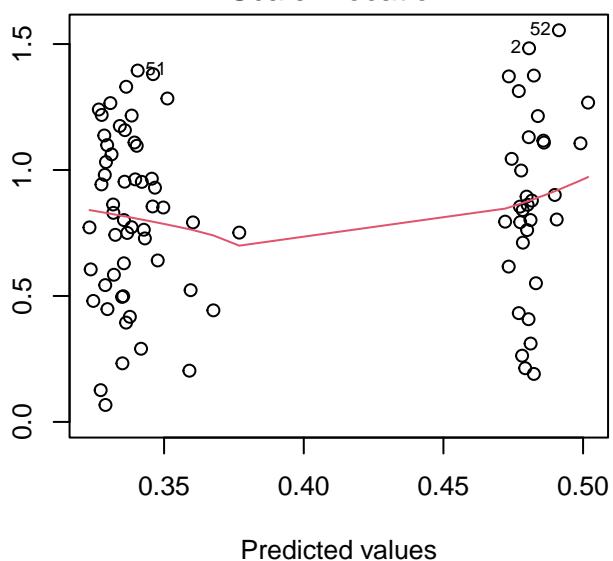
Normal Q–Q

Std. Pearson resid.



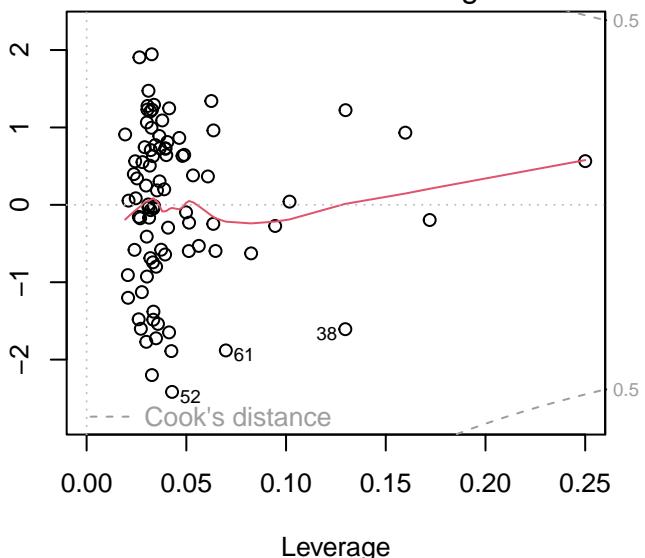
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



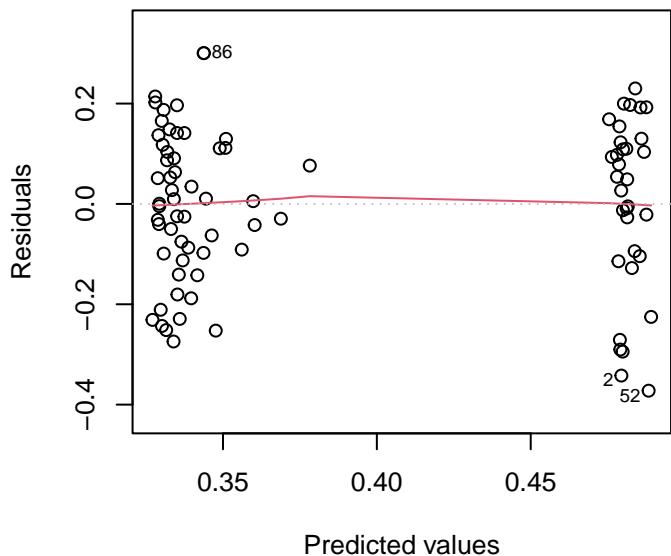
Residuals vs Leverage

Std. Pearson resid.

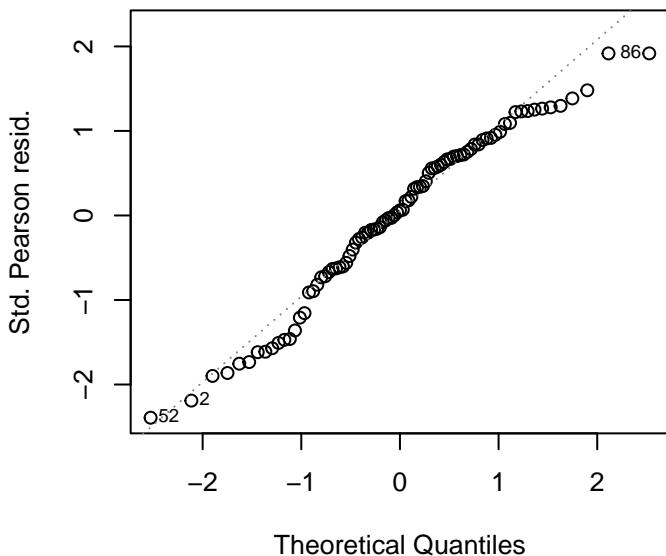


`glm(M.prime ~ area + fish + time_convert + 1)`

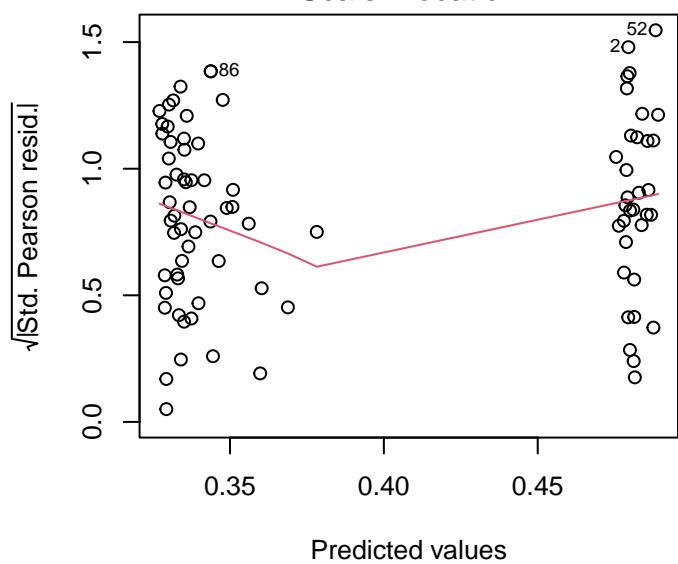
Residuals vs Fitted



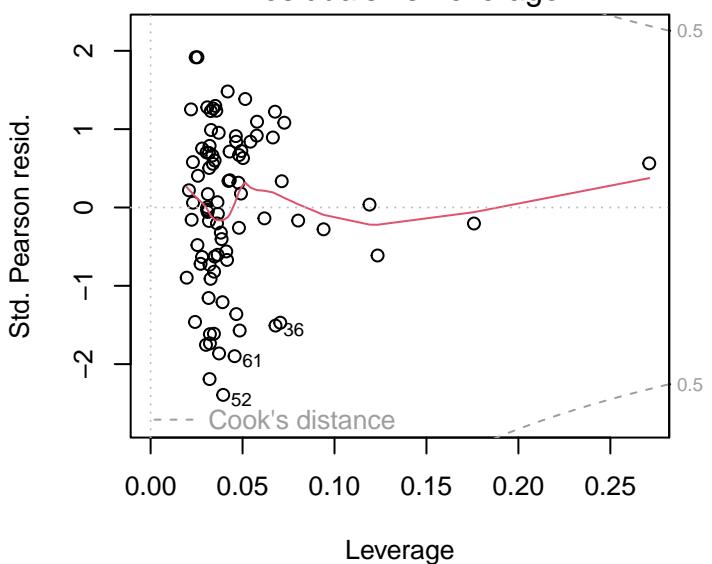
Normal Q–Q



Scale–Location



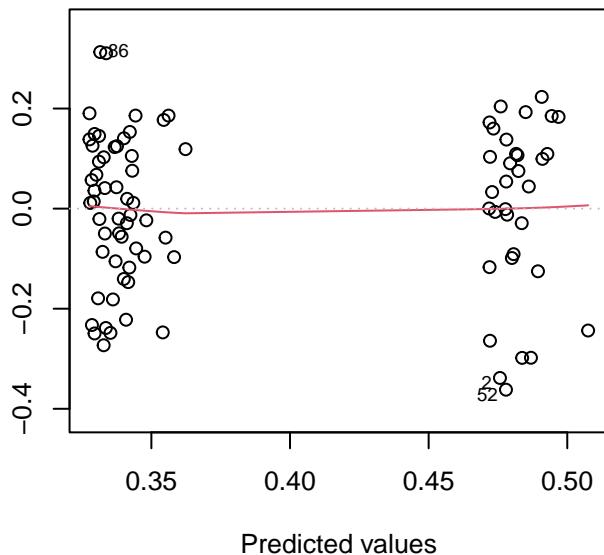
Residuals vs Leverage



`glm(M.prime ~ fish + julian_date + temp + 1)`

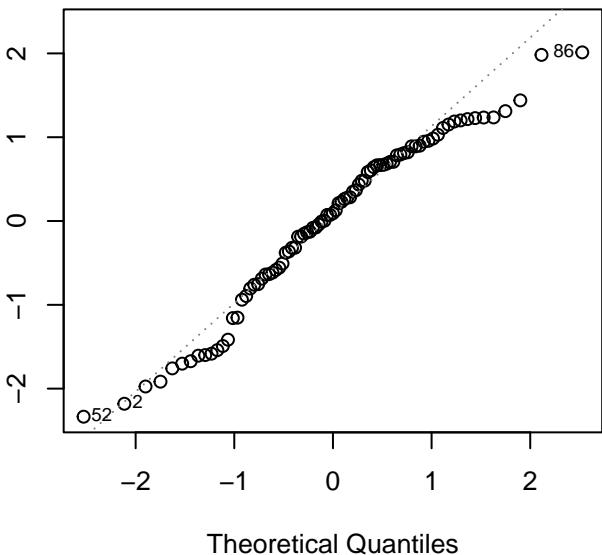
Residuals vs Fitted

Residuals



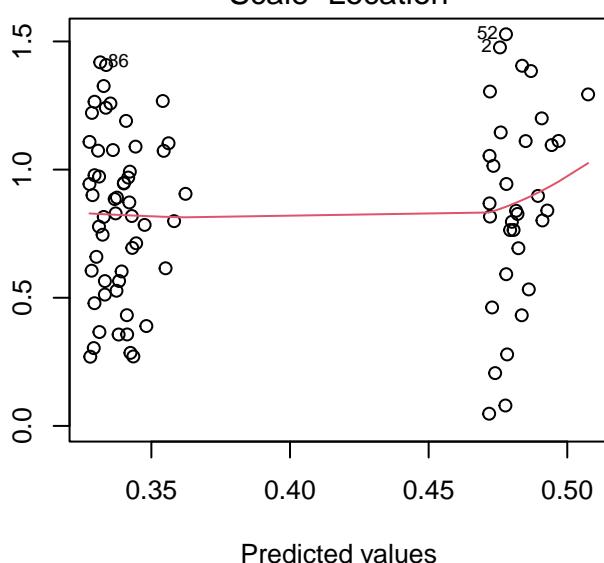
Normal Q–Q

Std. Pearson resid.



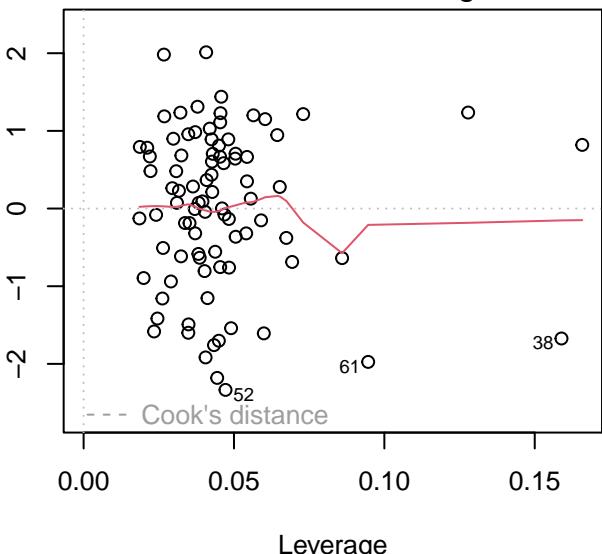
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

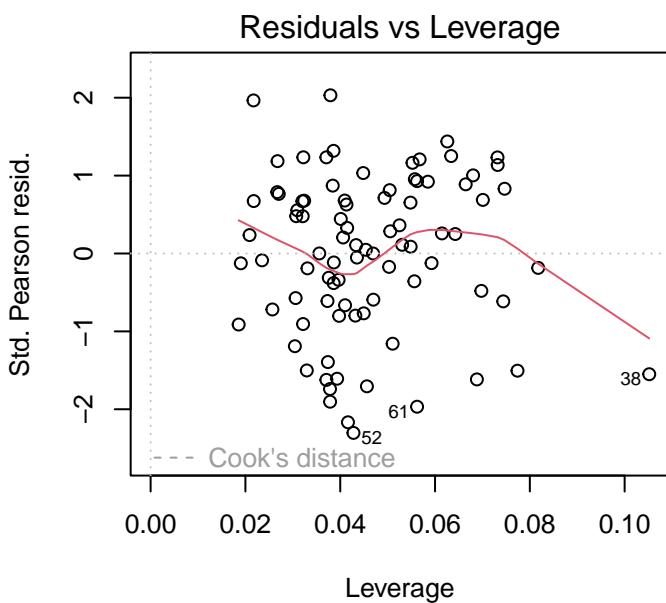
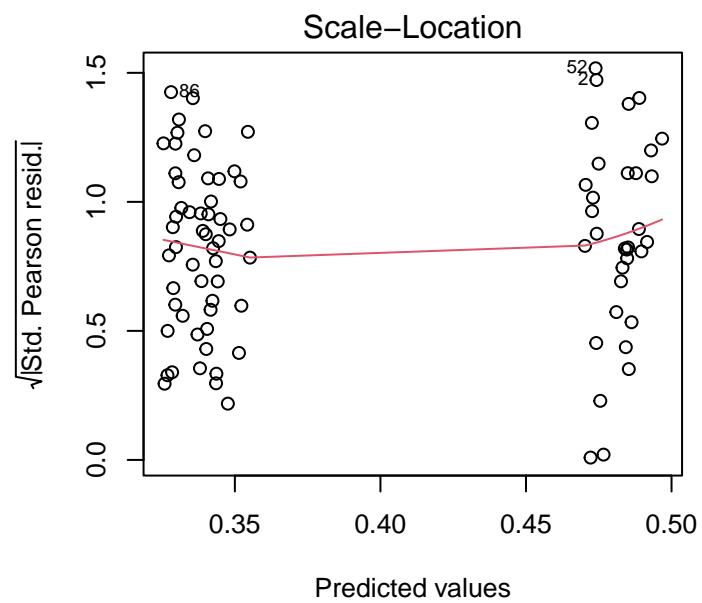
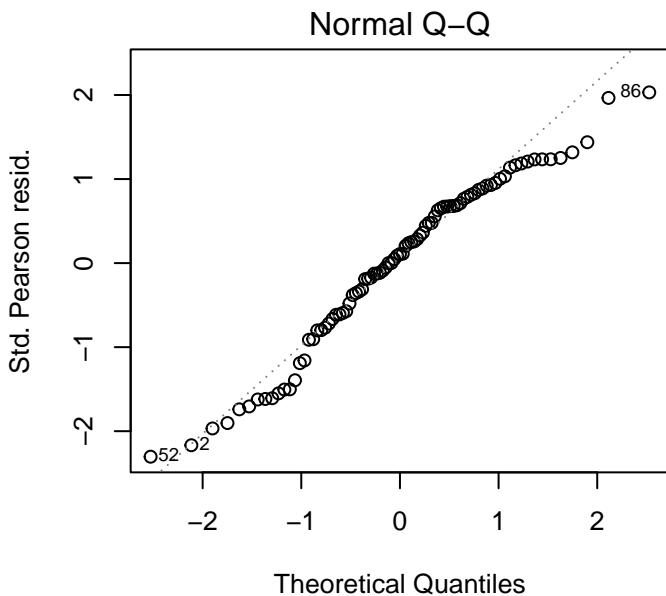
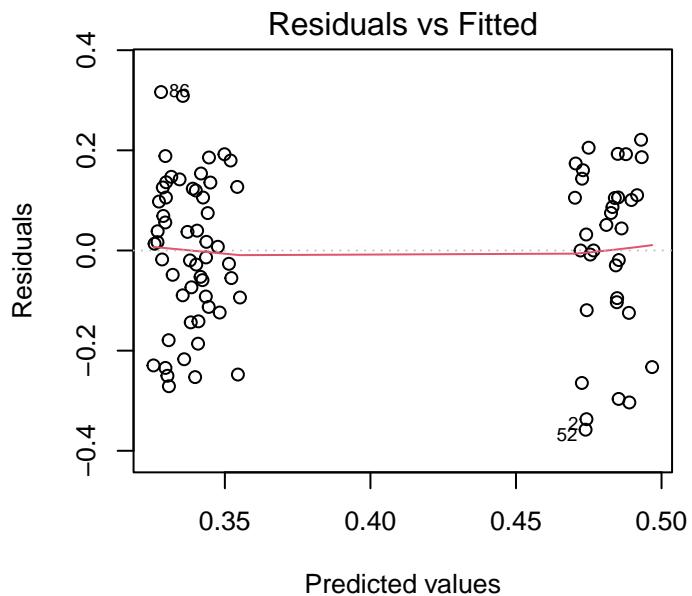


Residuals vs Leverage

Std. Pearson resid.



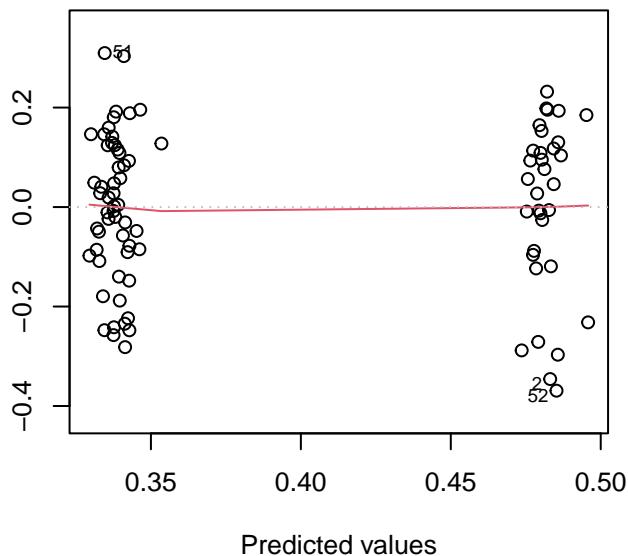
`glm(M.prime ~ fish + julian_date + time_convert + 1)`



`glm(M.prime ~ fish + temp + time_convert + 1)`

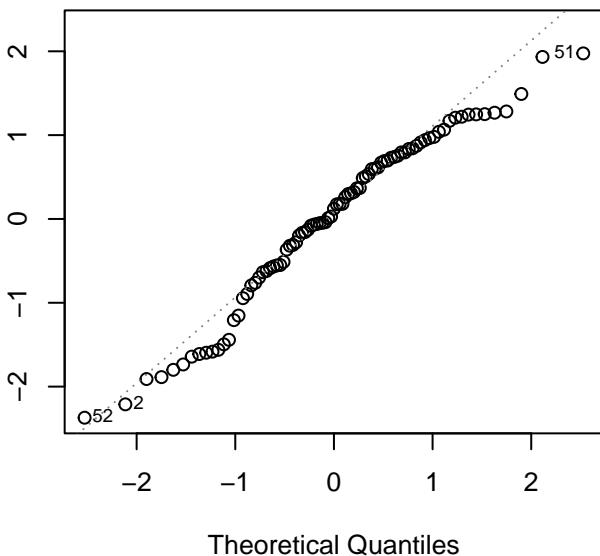
Residuals vs Fitted

Residuals



Normal Q–Q

Std. Pearson resid.

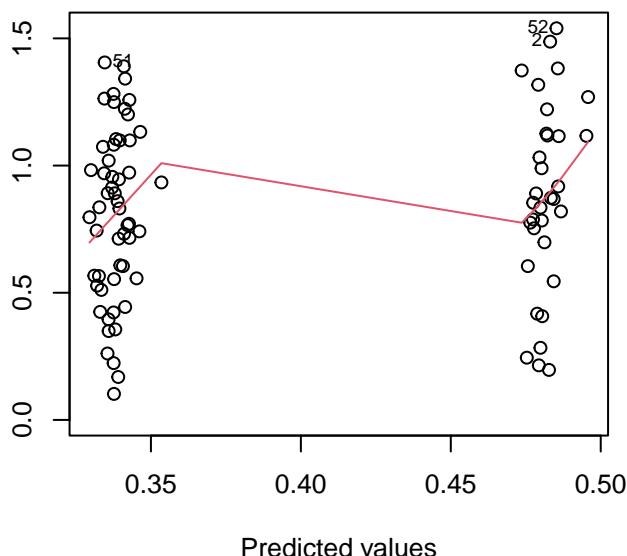


Predicted values

Theoretical Quantiles

Scale–Location

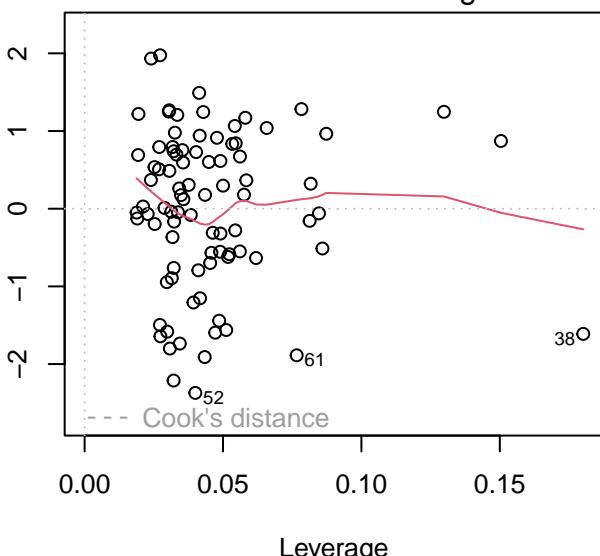
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

Residuals vs Leverage

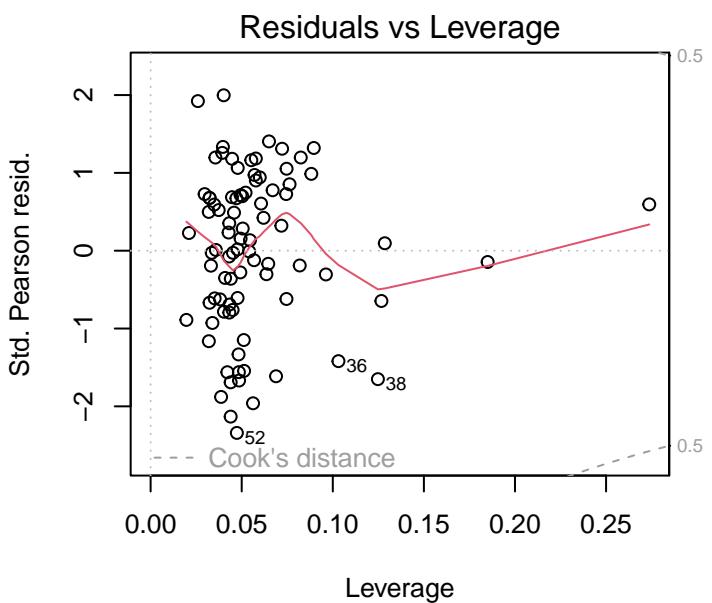
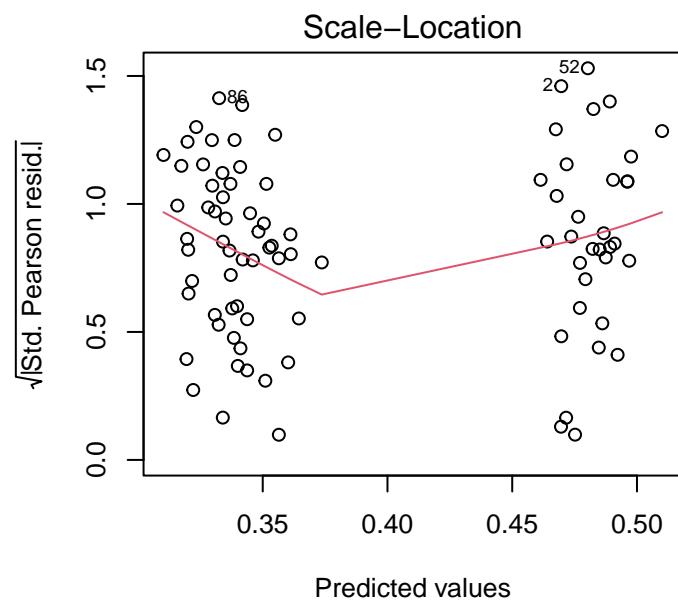
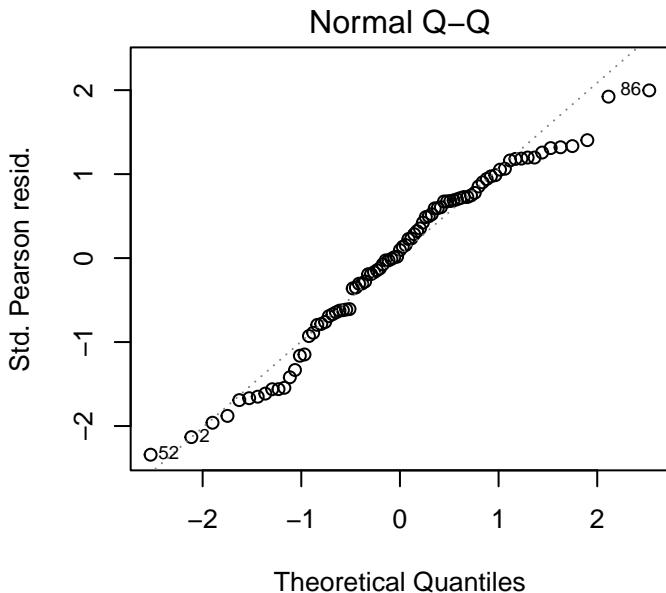
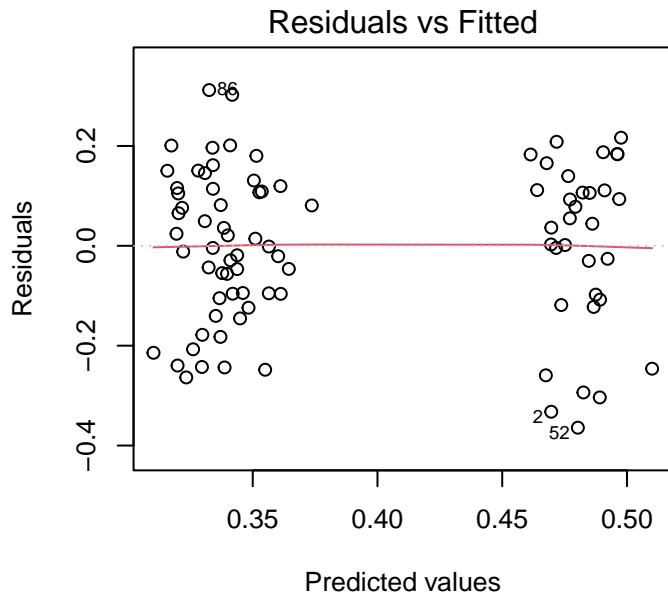
Std. Pearson resid.



Leverage

--- Cook's distance

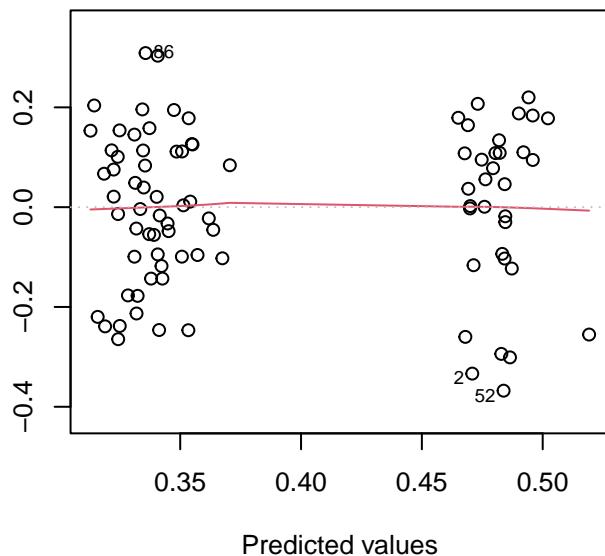
`glm(M.prime ~ area + fish + julian_date + time_convert + 1)`



`glm(M.prime ~ area + fish + julian_date + temp + 1)`

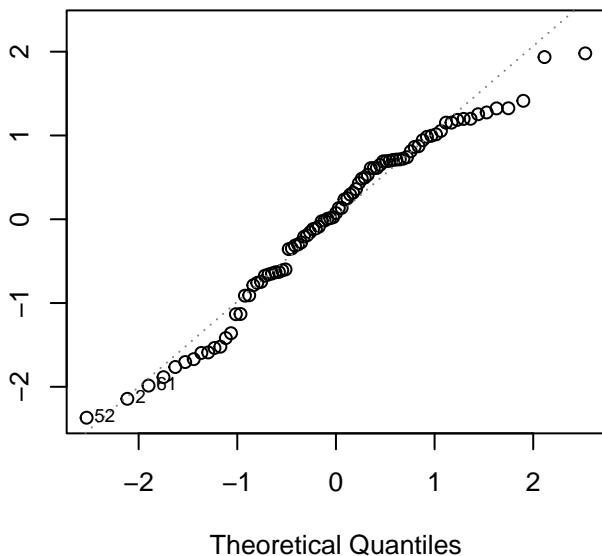
Residuals vs Fitted

Residuals



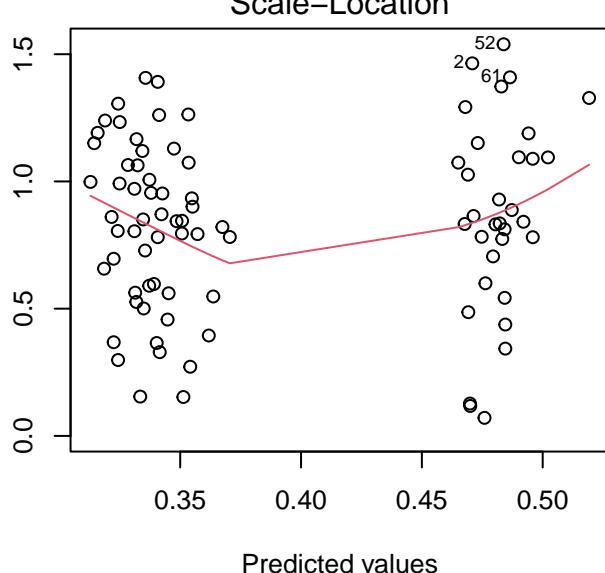
Normal Q–Q

Std. Pearson resid.



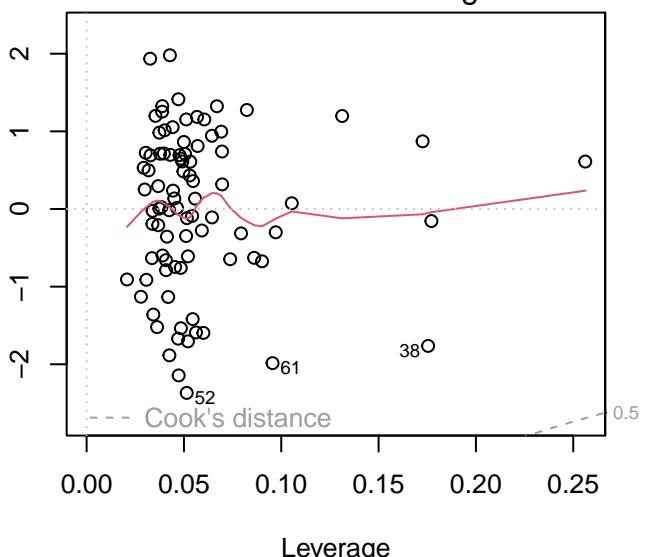
Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$



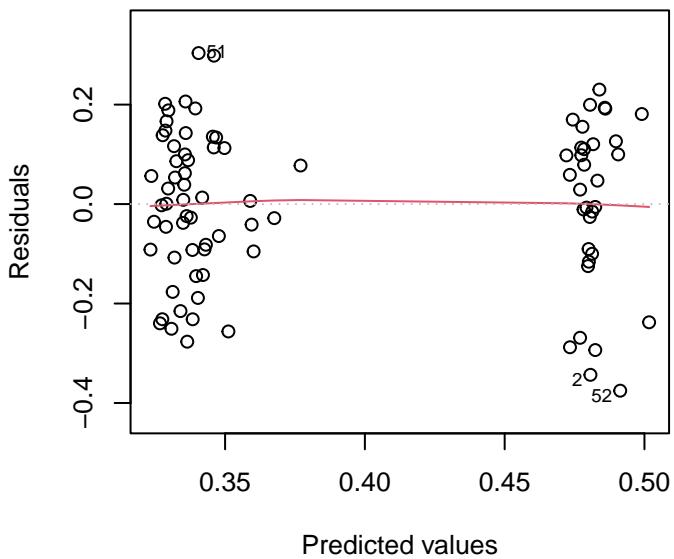
Residuals vs Leverage

Std. Pearson resid.

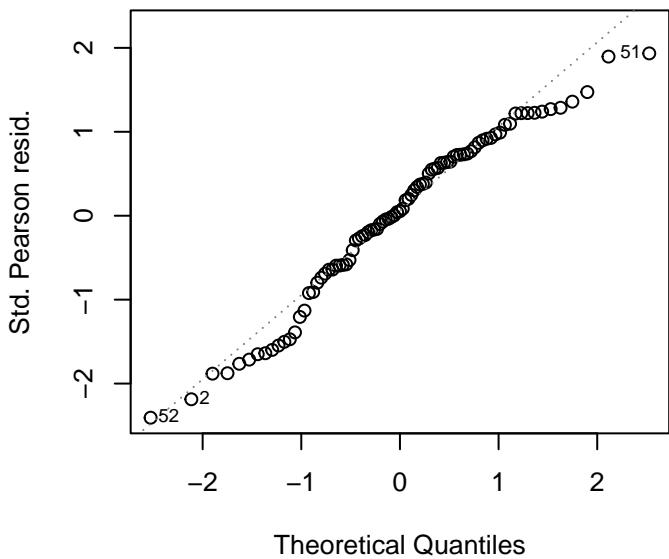


`glm(M.prime ~ area + fish + temp + time_convert + 1)`

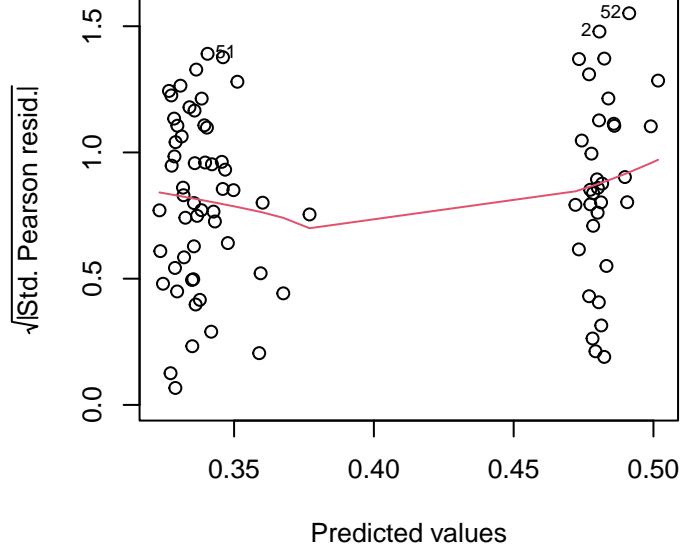
Residuals vs Fitted



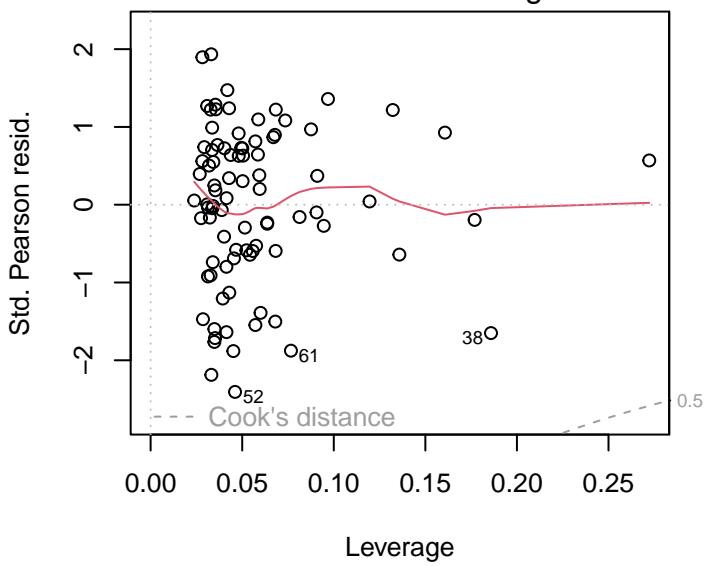
Normal Q–Q



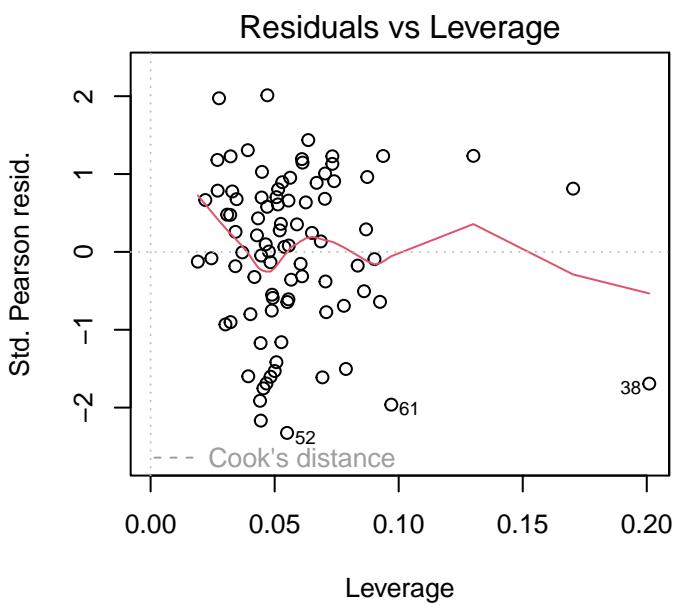
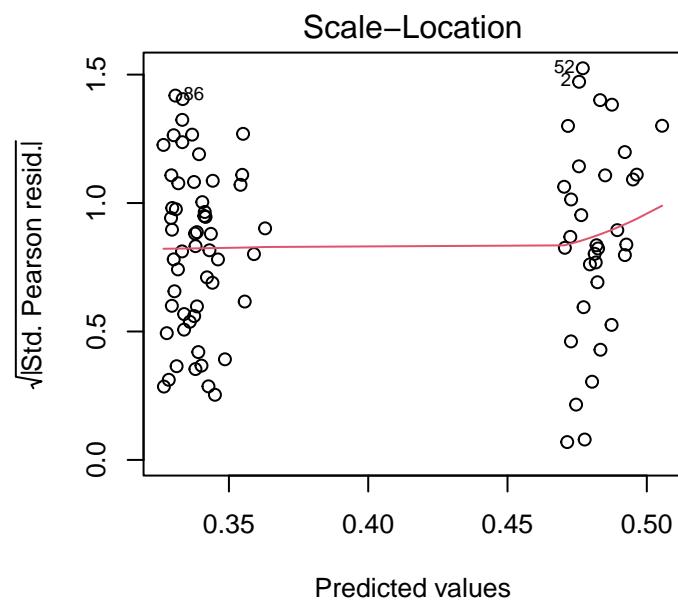
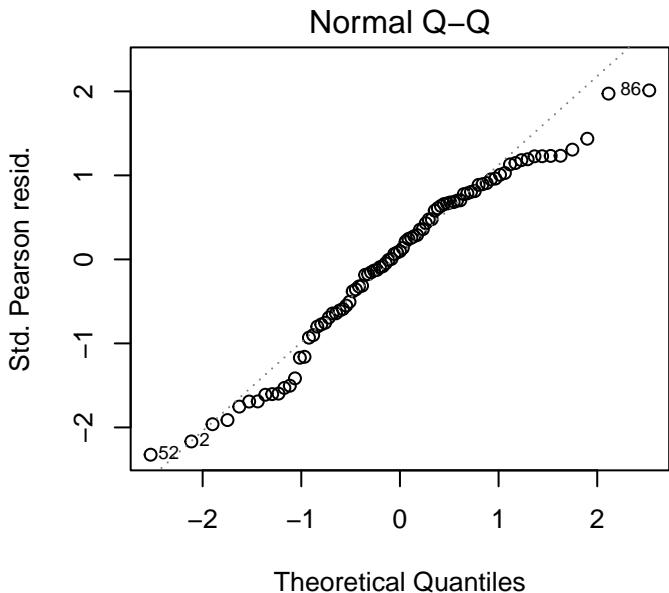
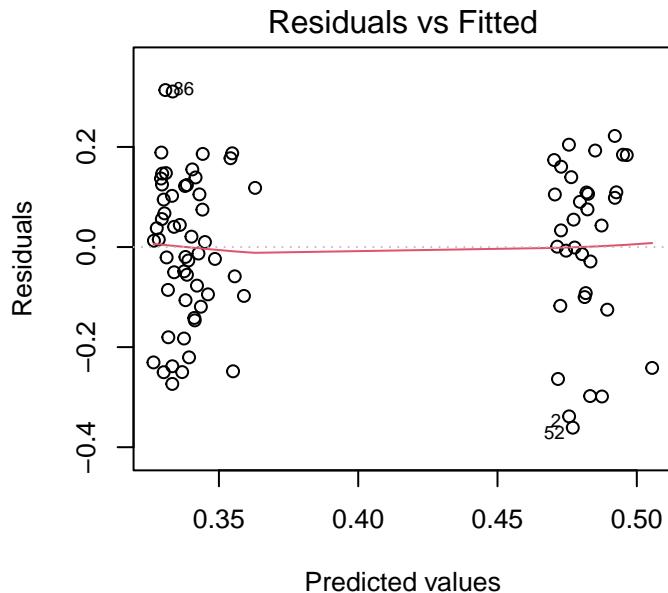
Scale–Location



Residuals vs Leverage

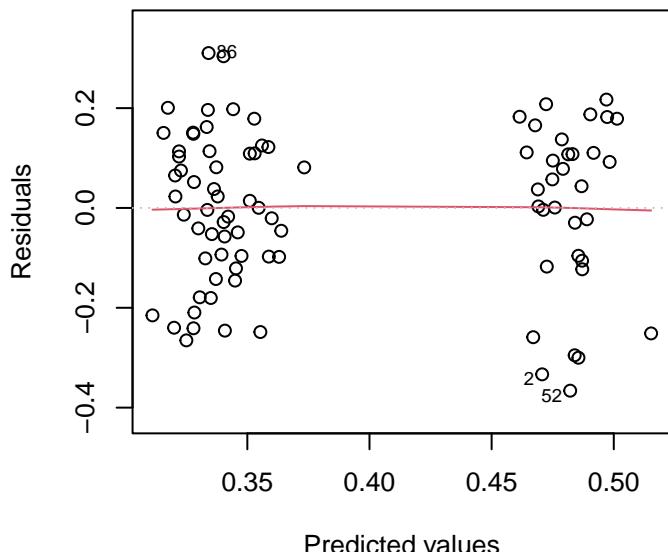


`glm(M.prime ~ fish + julian_date + temp + time_convert + 1)`

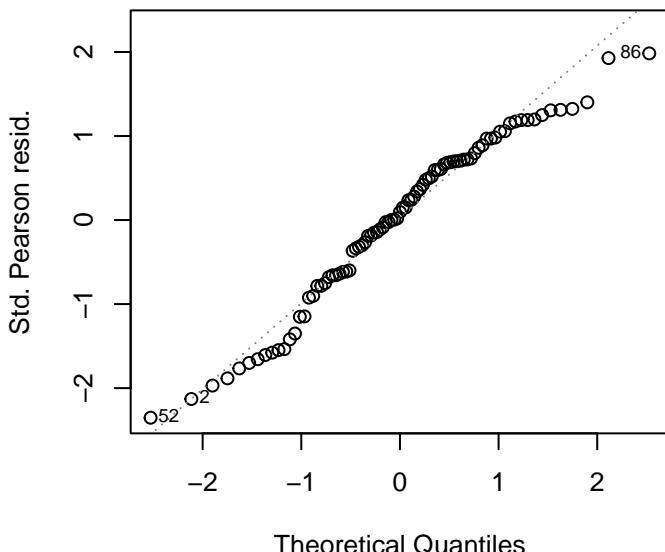


`glm(M.prime ~ area + fish + julian_date + temp + time_convert + 1)`

Residuals vs Fitted



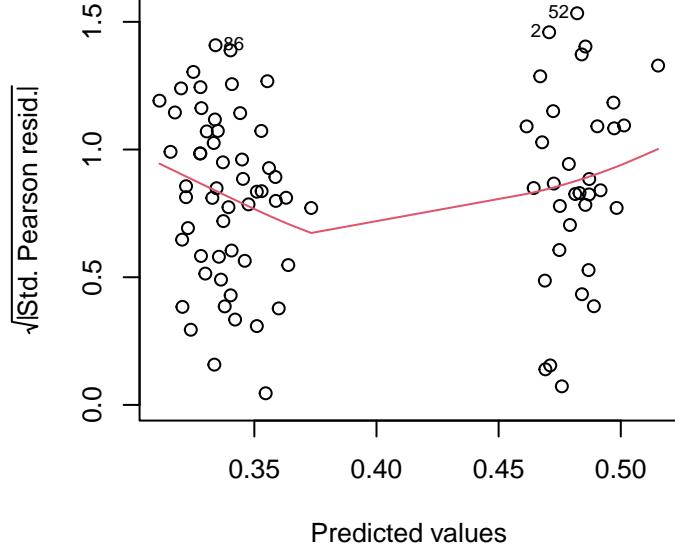
Normal Q–Q



Predicted values

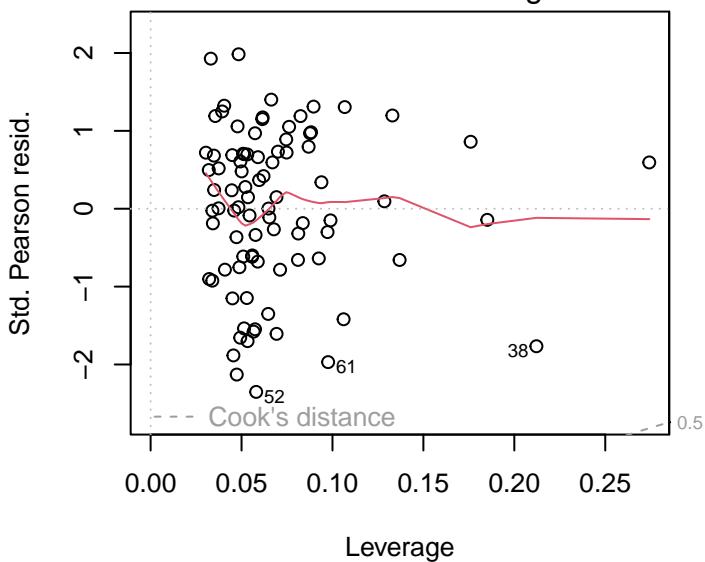
Theoretical Quantiles

Scale–Location



Predicted values

Residuals vs Leverage

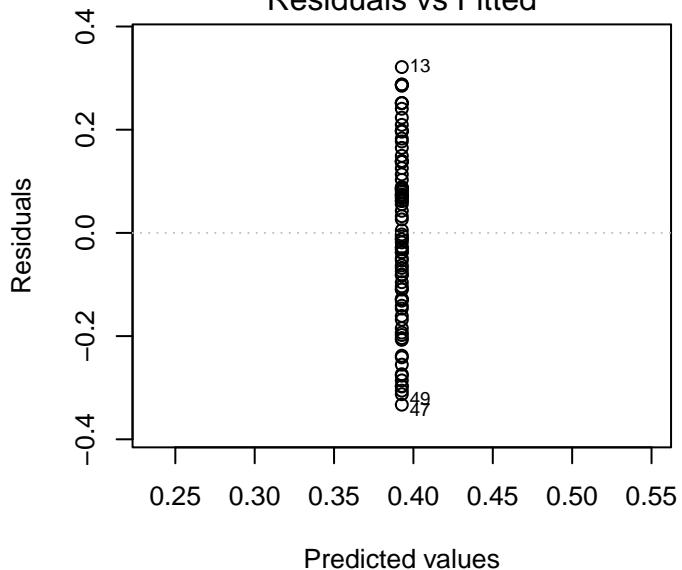


Leverage

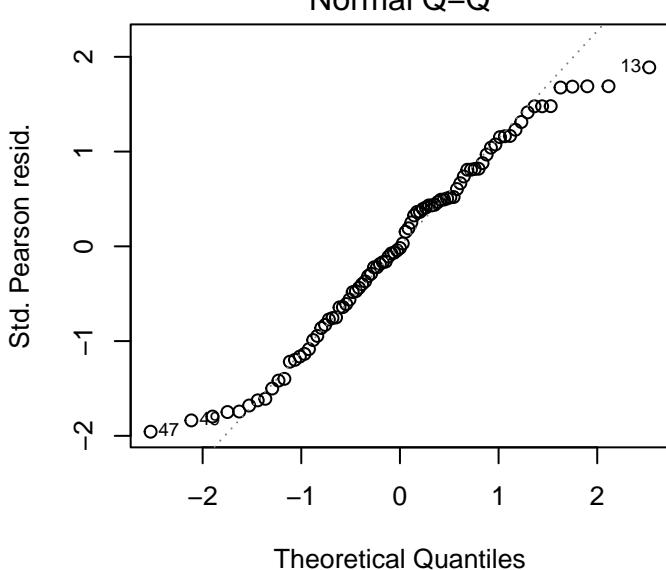
Cook's distance

$glm(M.\text{prime} \sim 1)$

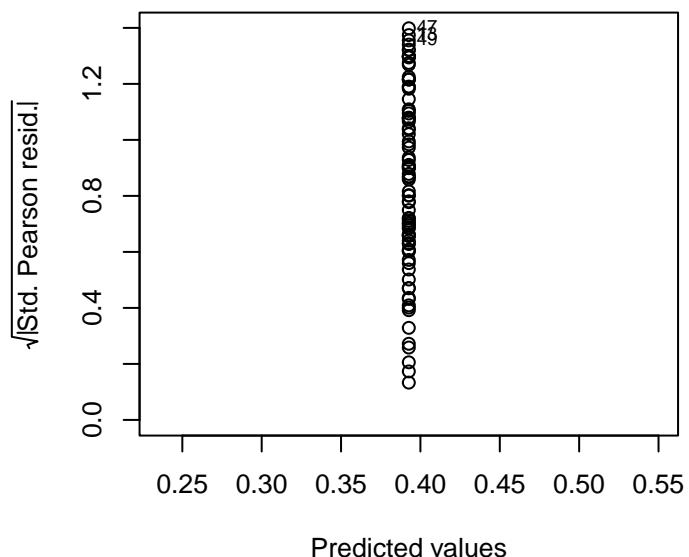
Residuals vs Fitted



Normal Q-Q



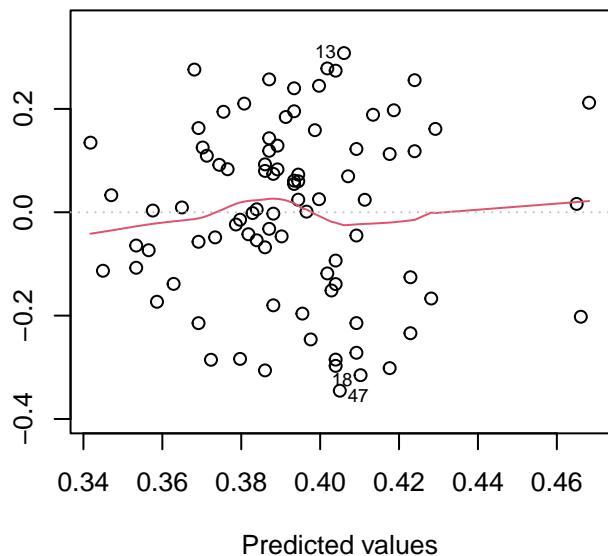
Scale–Location



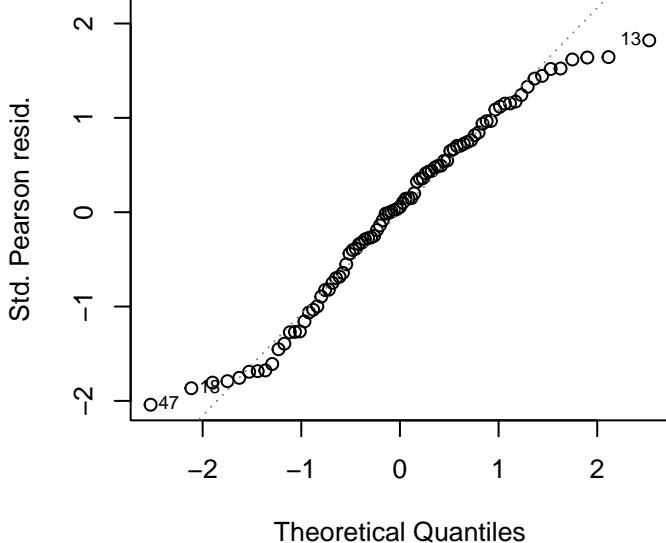
$\text{glm}(\text{M.prime} \sim \text{temp} + 1)$

Residuals vs Fitted

Residuals

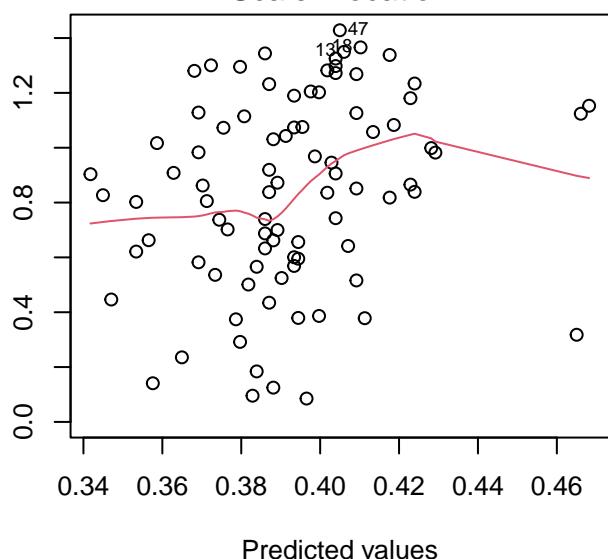


Normal Q-Q

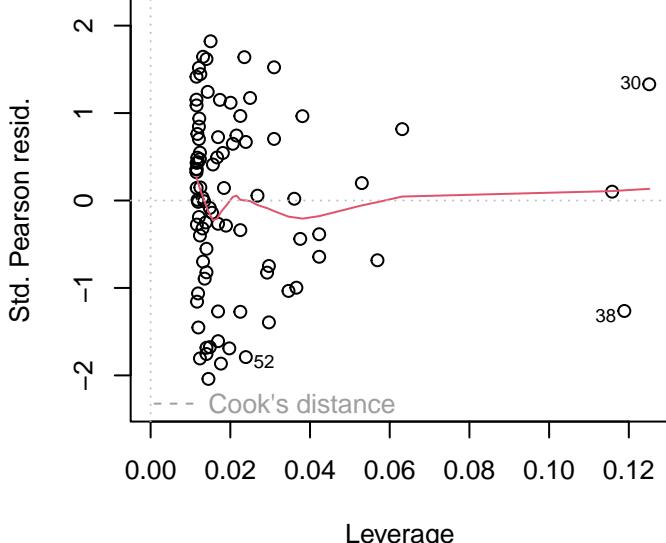


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

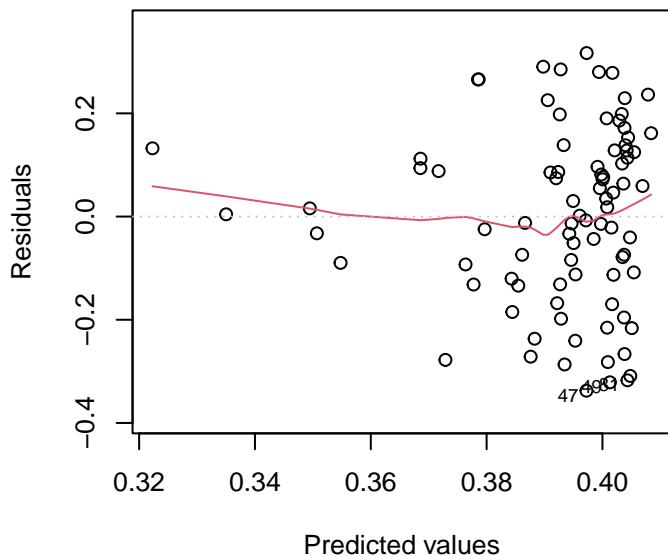


Residuals vs Leverage

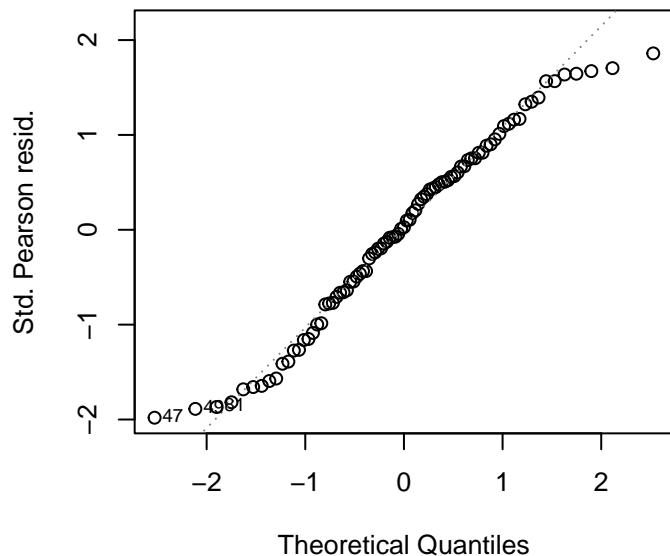


$\text{glm}(\text{M.prime} \sim \text{area} + 1)$

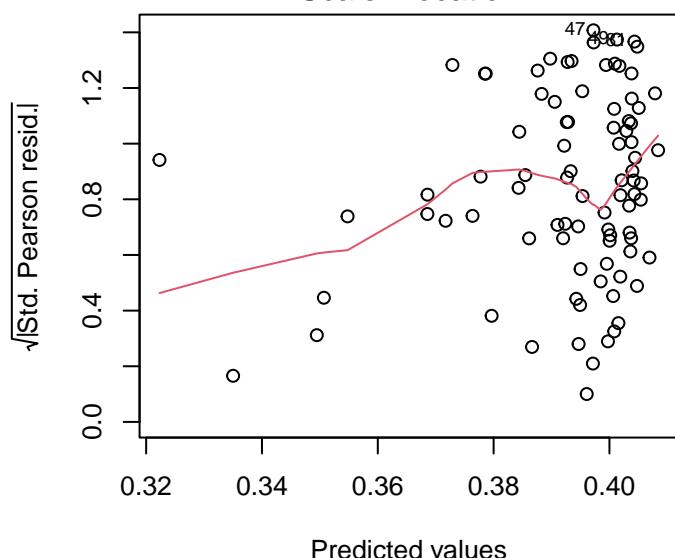
Residuals vs Fitted



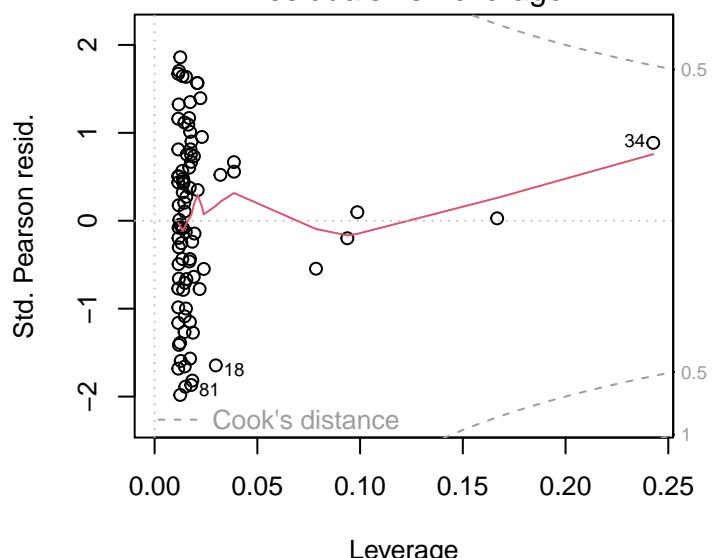
Normal Q–Q



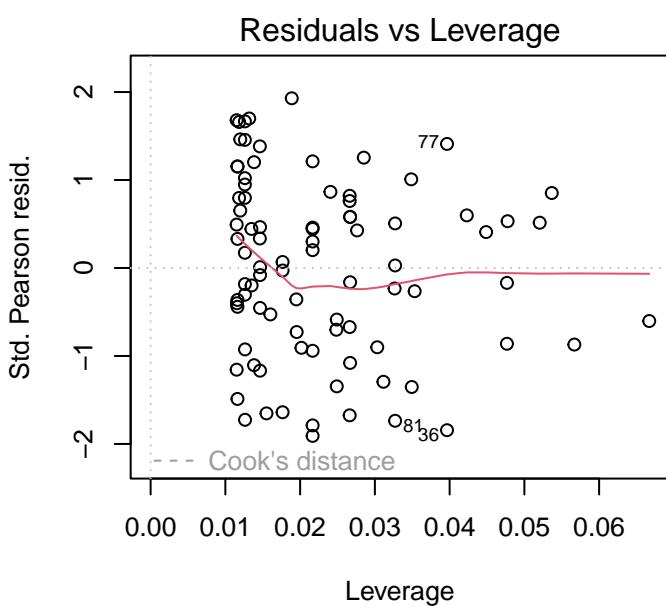
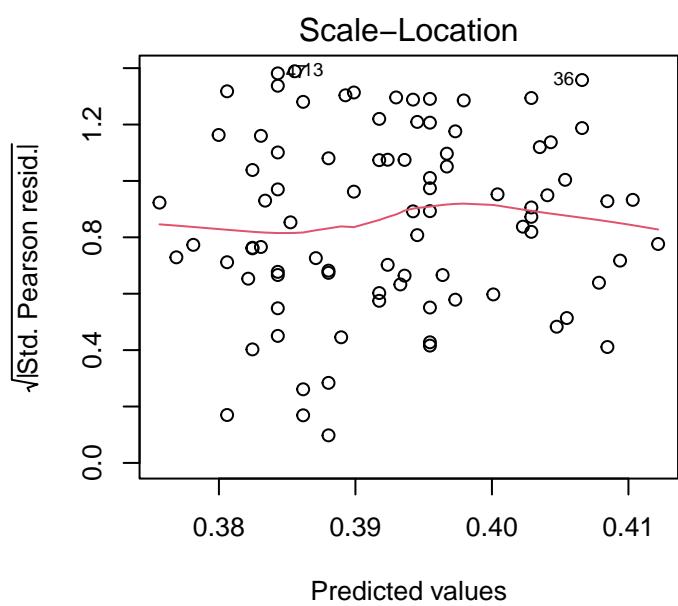
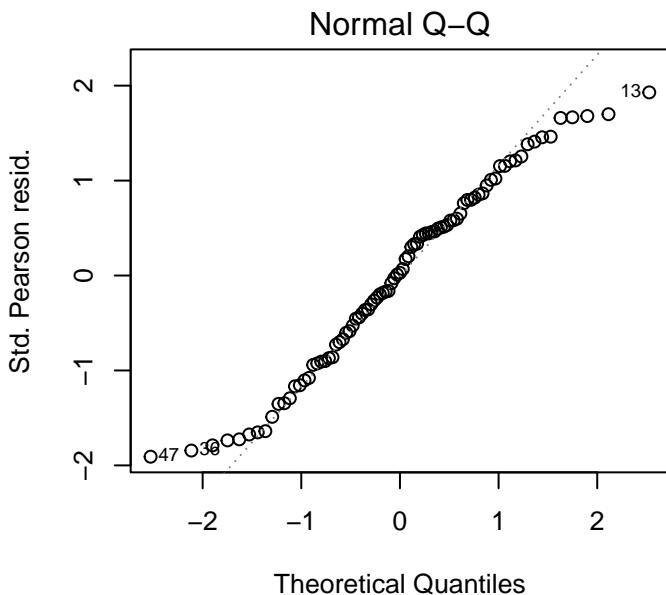
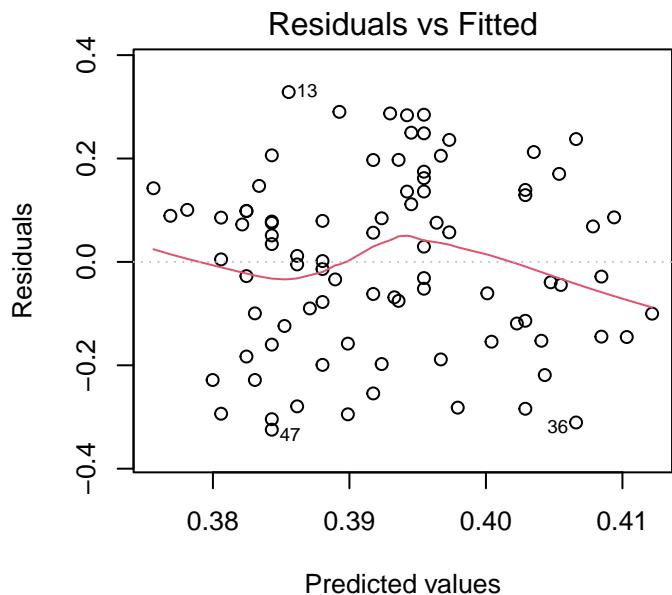
Scale–Location



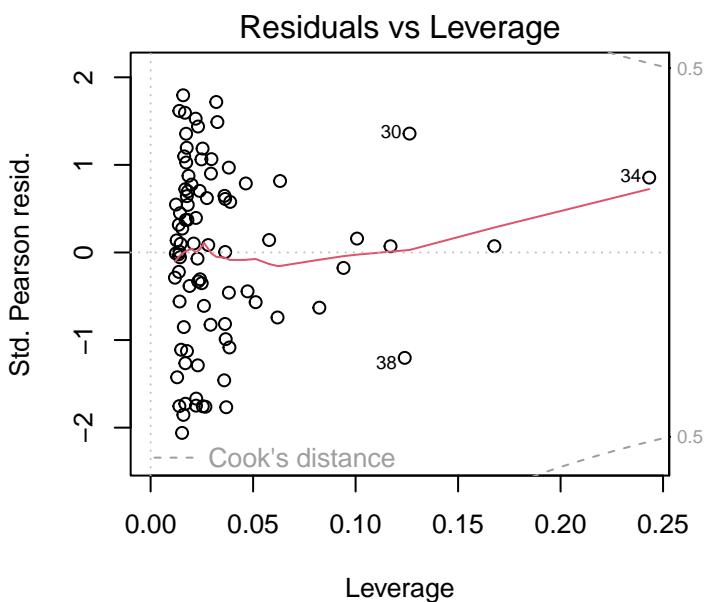
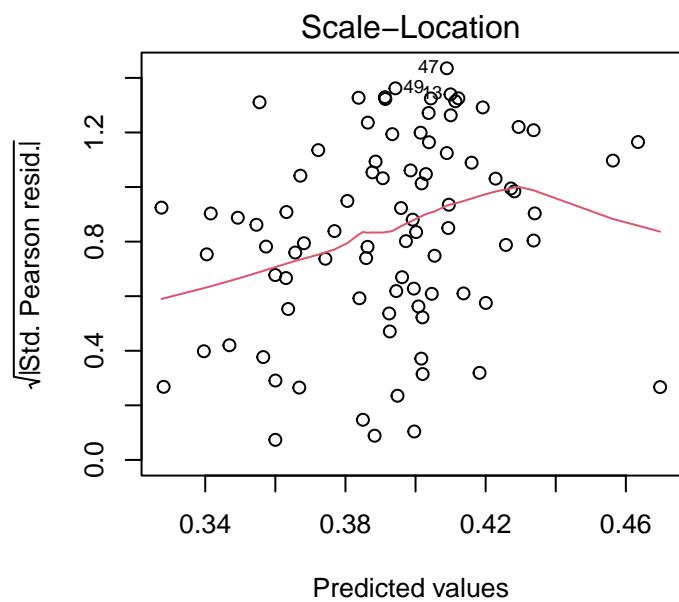
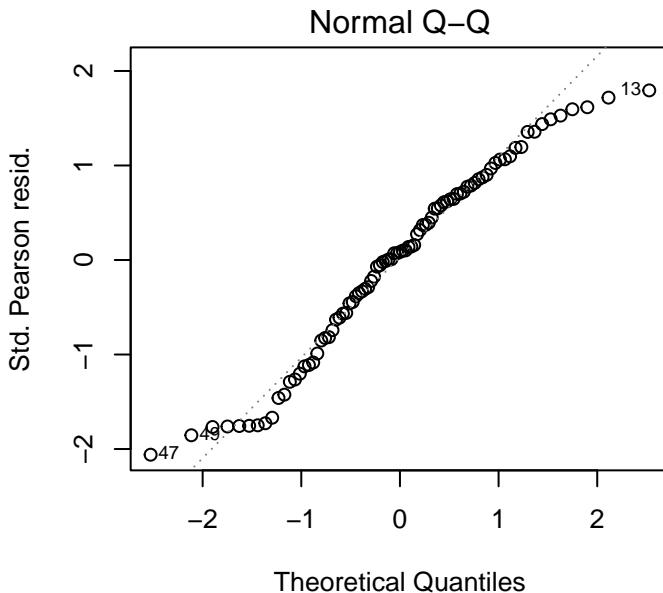
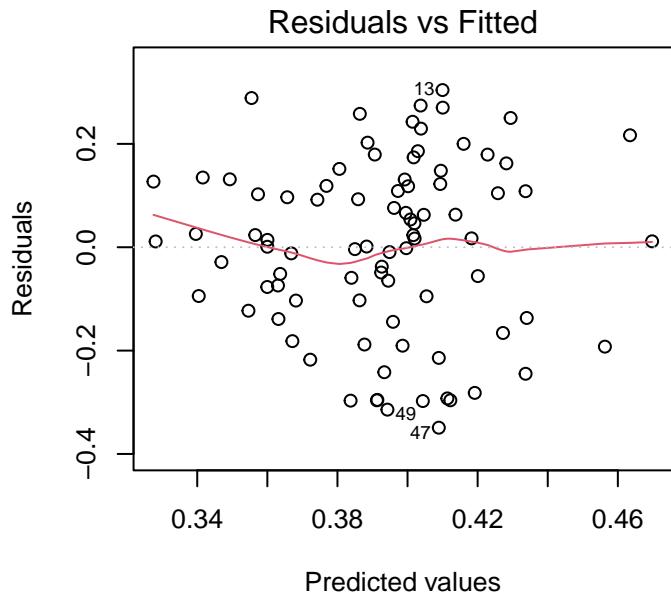
Residuals vs Leverage



`glm(M.prime ~ time_convert + 1)`



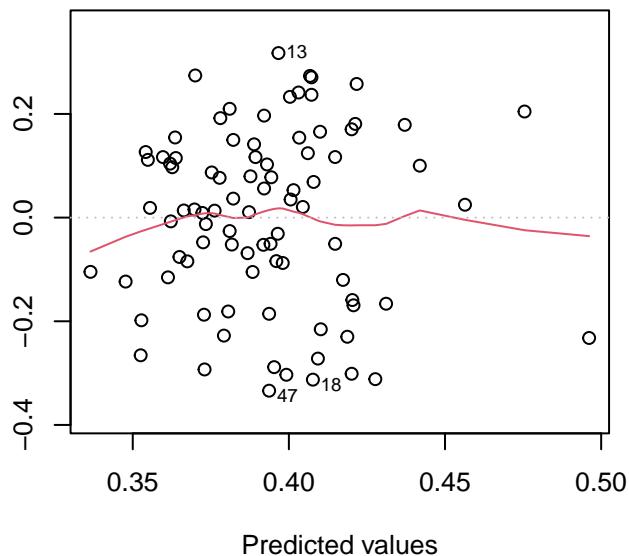
`glm(M.prime ~ area + temp + 1)`



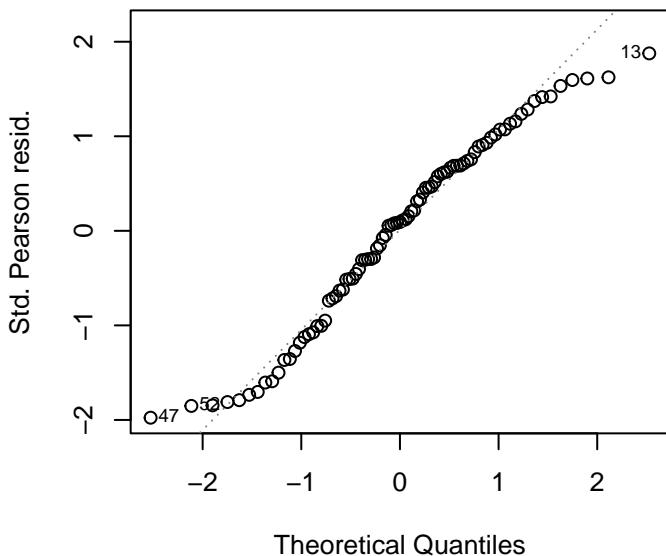
`glm(M.prime ~ temp + time_convert + 1)`

Residuals vs Fitted

Residuals

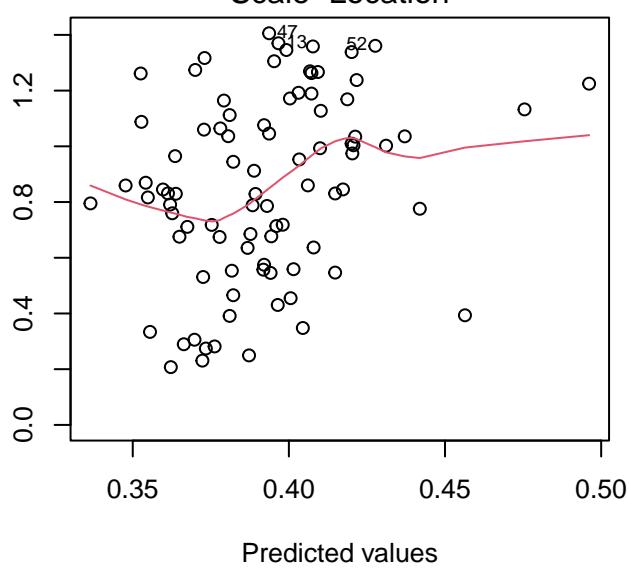


Normal Q–Q

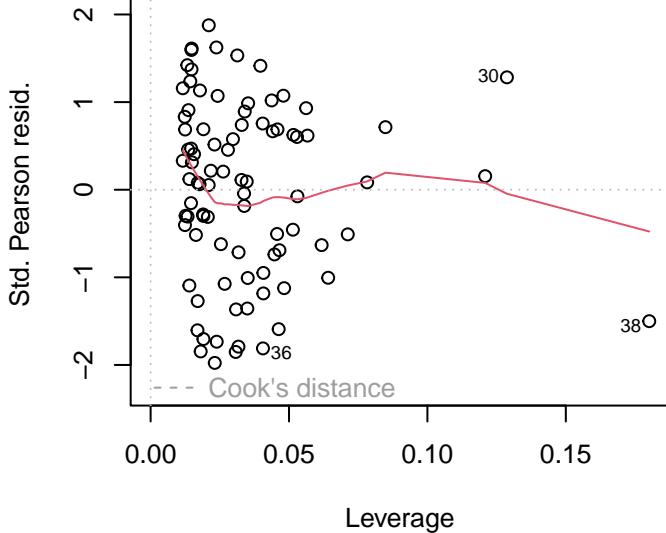


Scale–Location

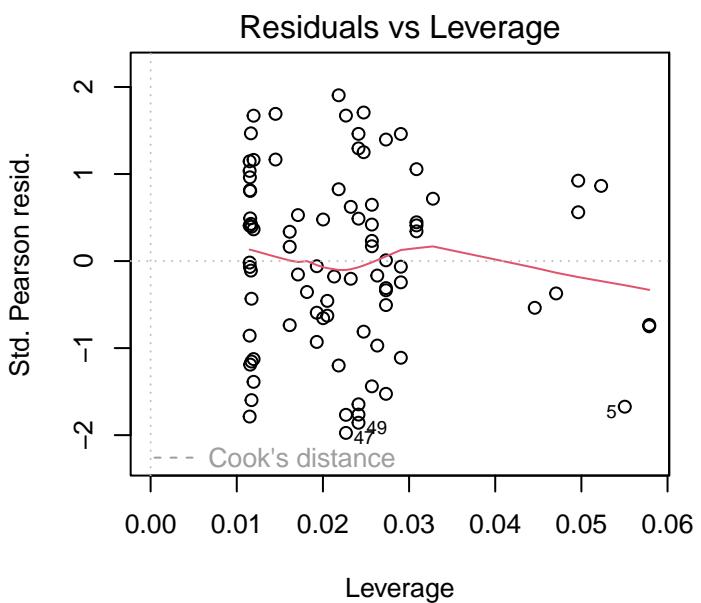
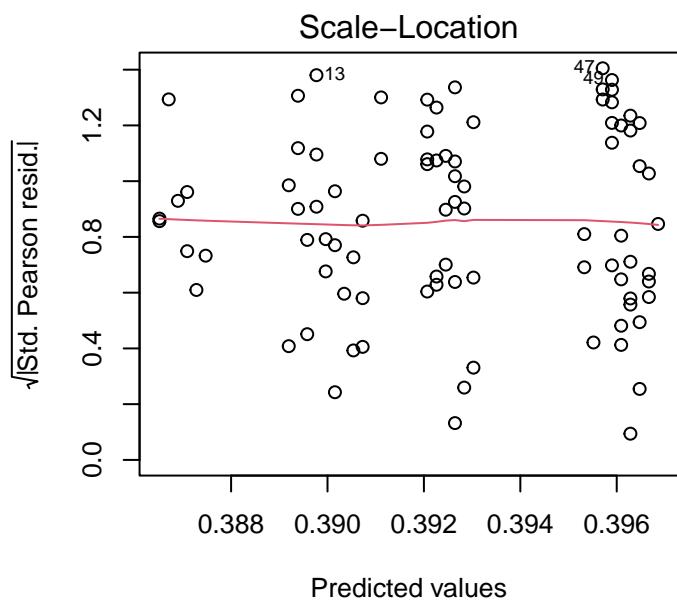
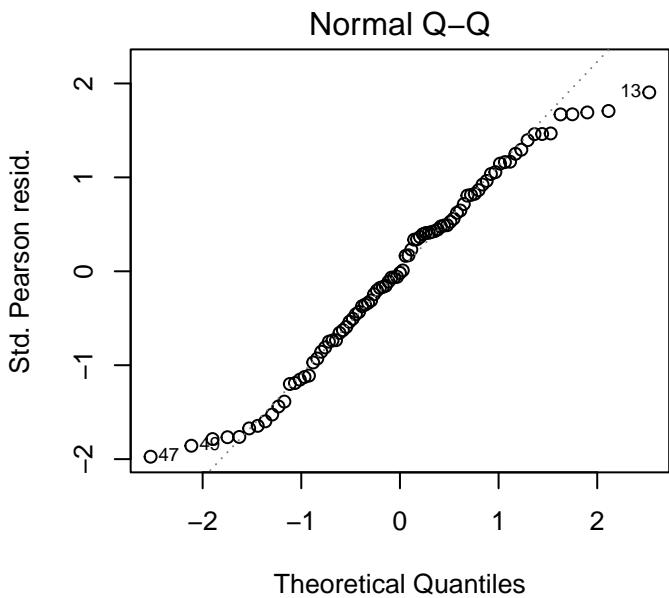
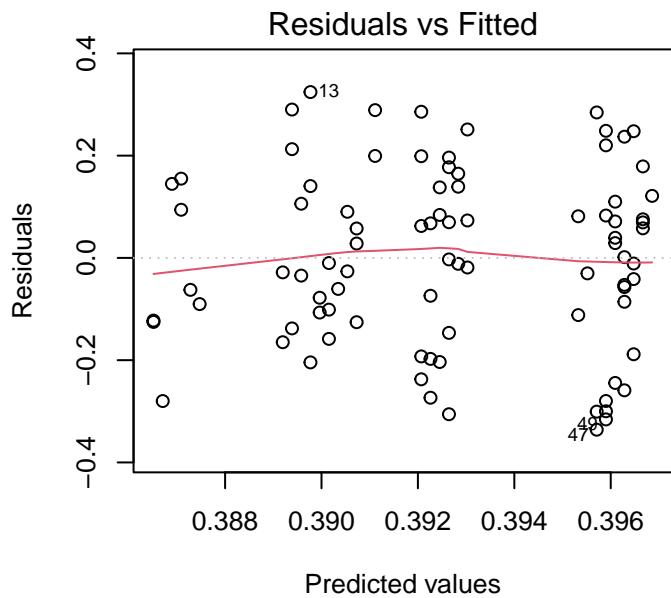
$\sqrt{|\text{Std. Pearson resid}|}$



Residuals vs Leverage



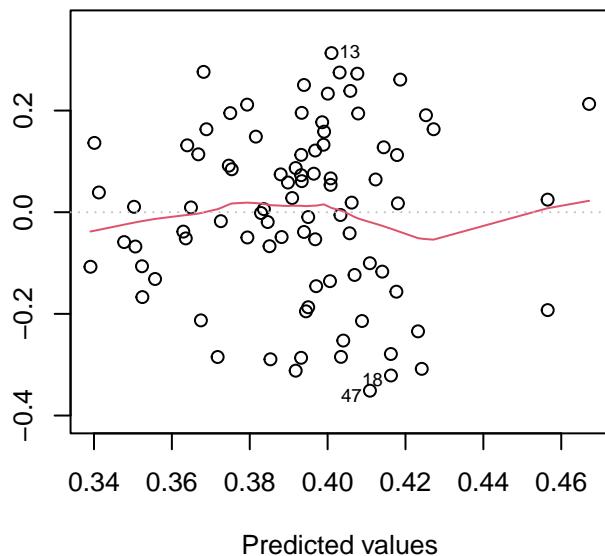
`glm(M.prime ~ julian_date + 1)`



`glm(M.prime ~ julian_date + temp + 1)`

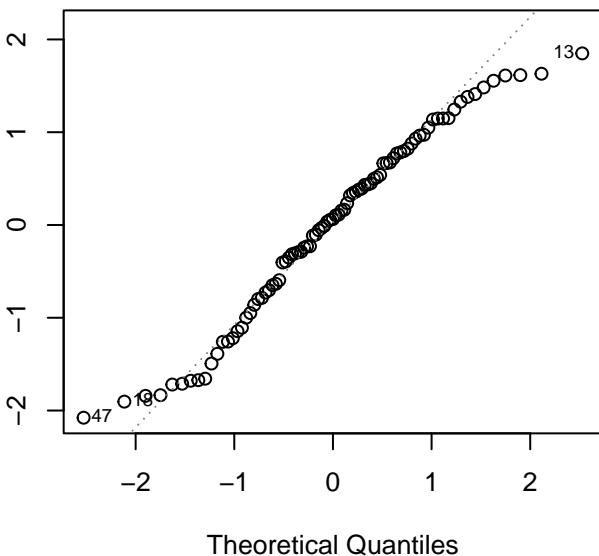
Residuals vs Fitted

Residuals



Normal Q-Q

Std. Pearson resid.

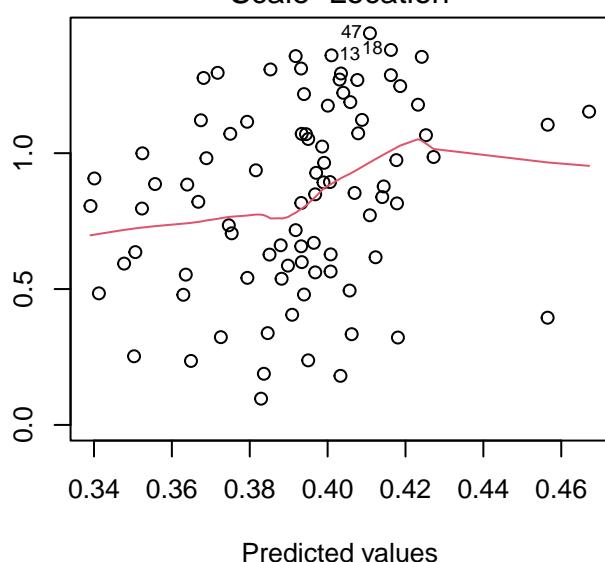


Predicted values

Theoretical Quantiles

Scale–Location

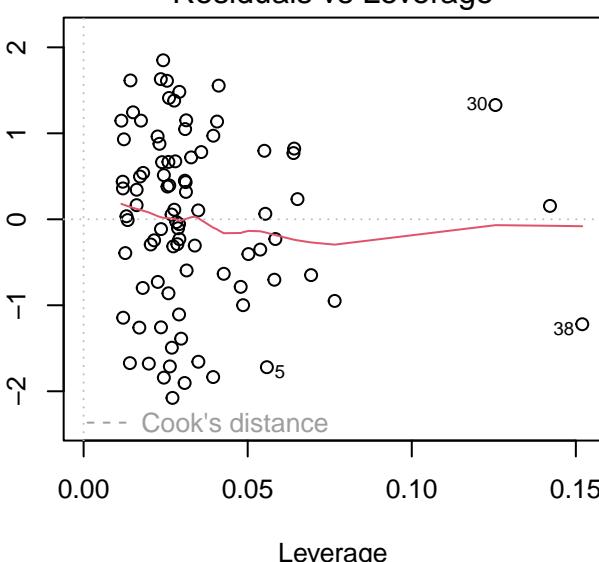
$\sqrt{|\text{Std. Pearson resid}|}$



Predicted values

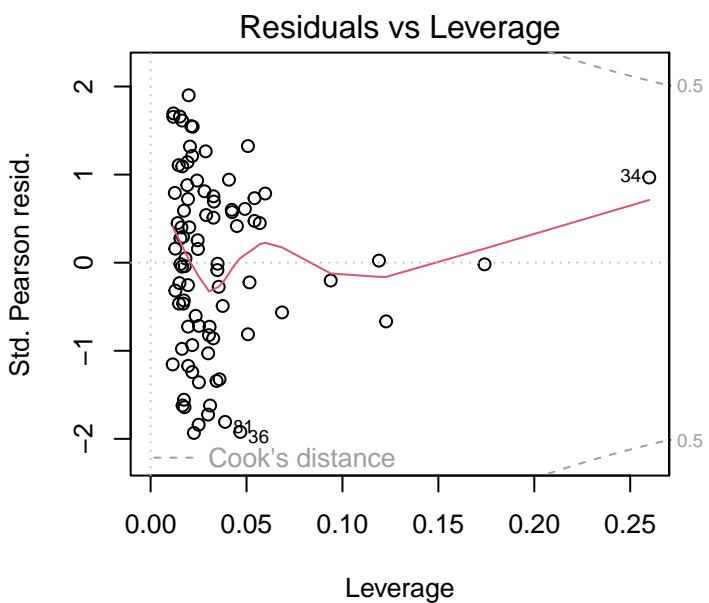
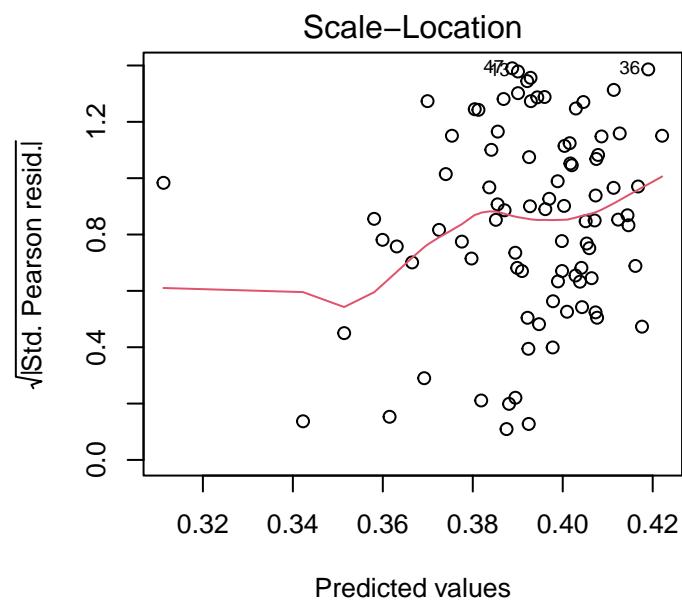
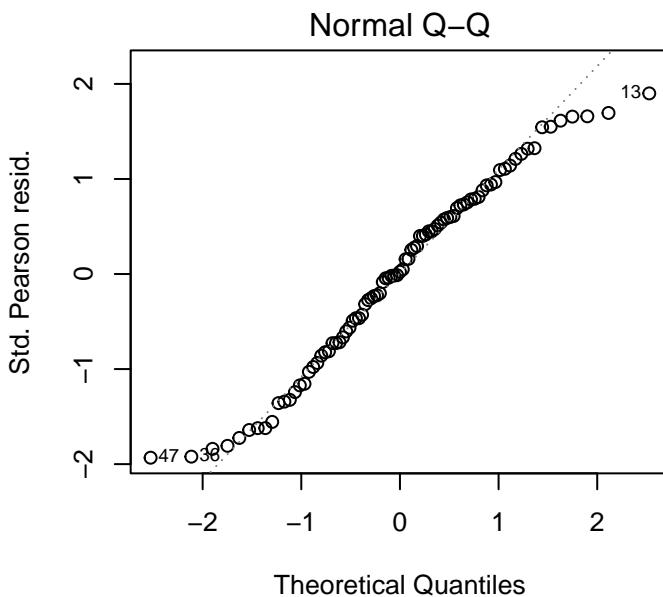
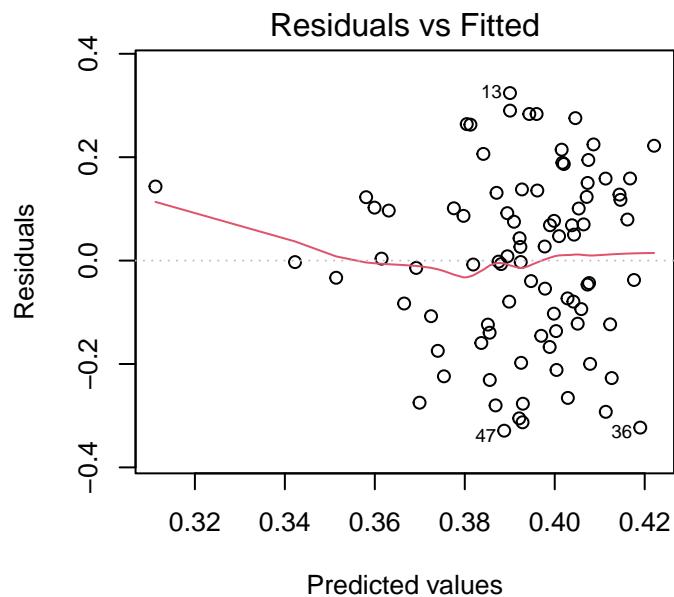
Residuals vs Leverage

Std. Pearson resid.

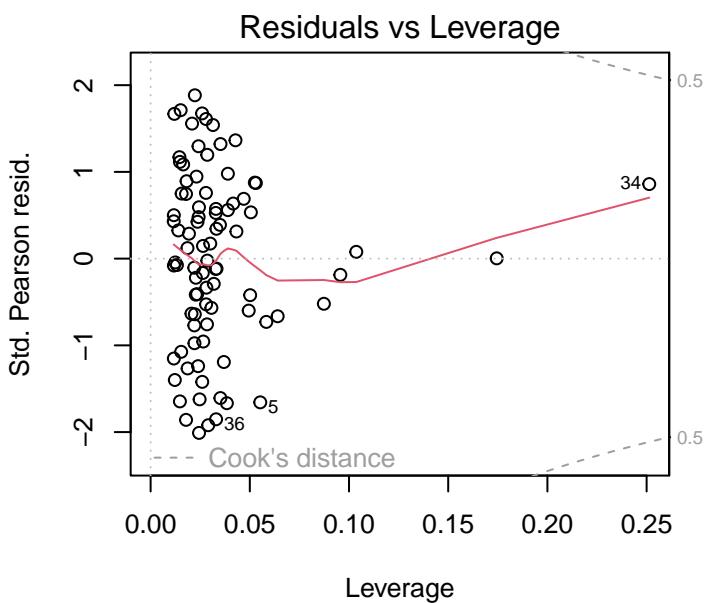
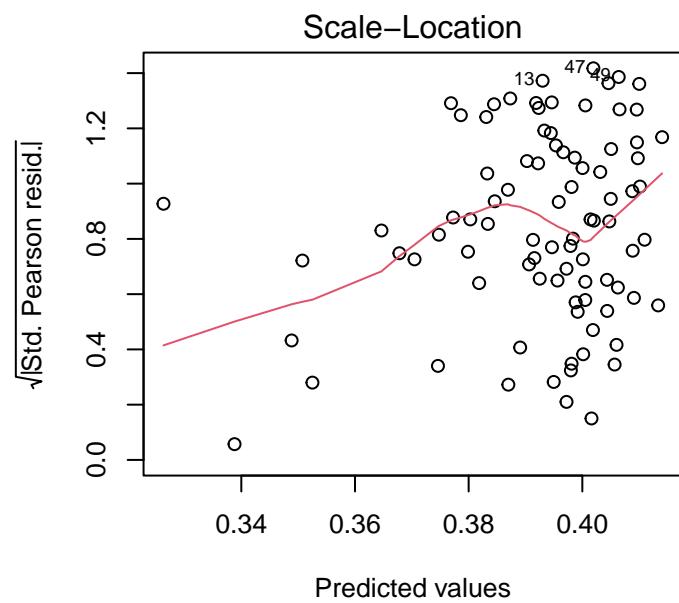
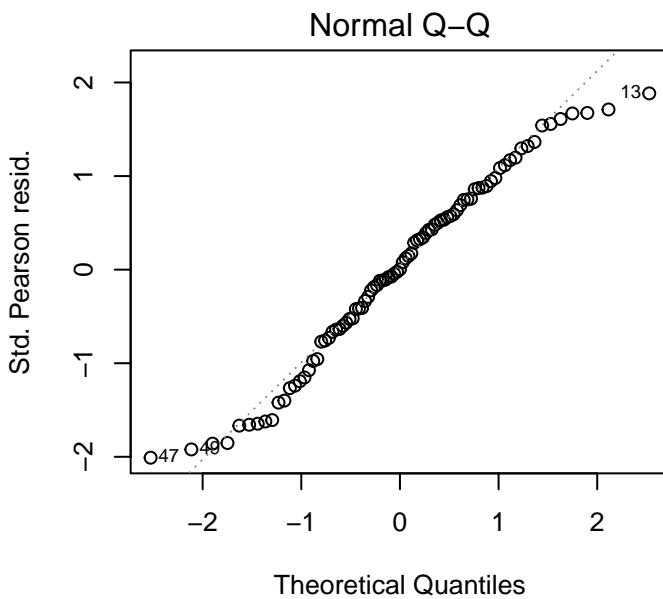
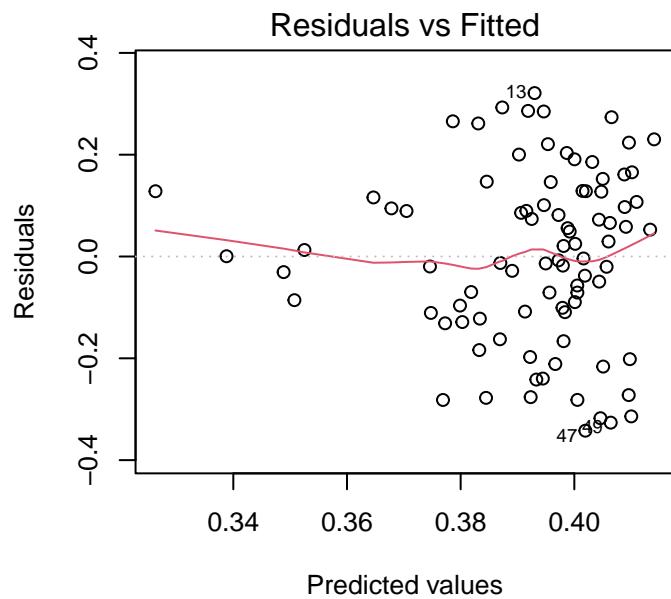


Leverage

`glm(M.prime ~ area + time_convert + 1)`



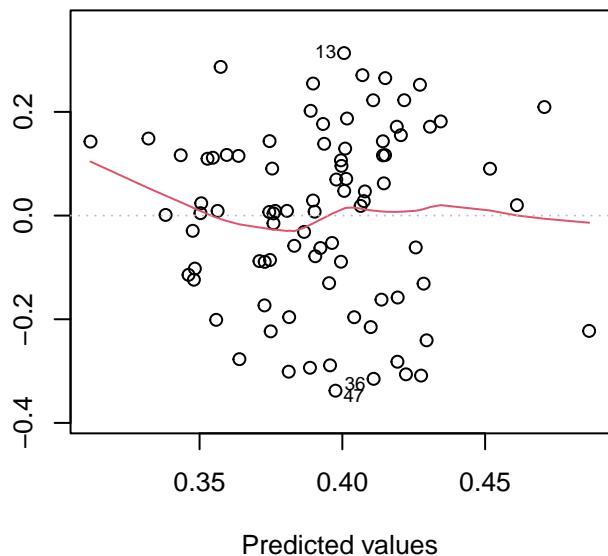
`glm(M.prime ~ area + julian_date + 1)`



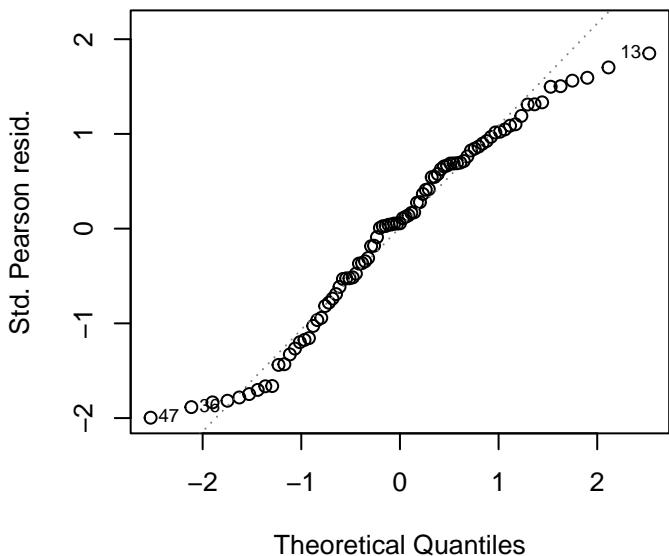
`glm(M.prime ~ area + temp + time_convert + 1)`

Residuals vs Fitted

Residuals

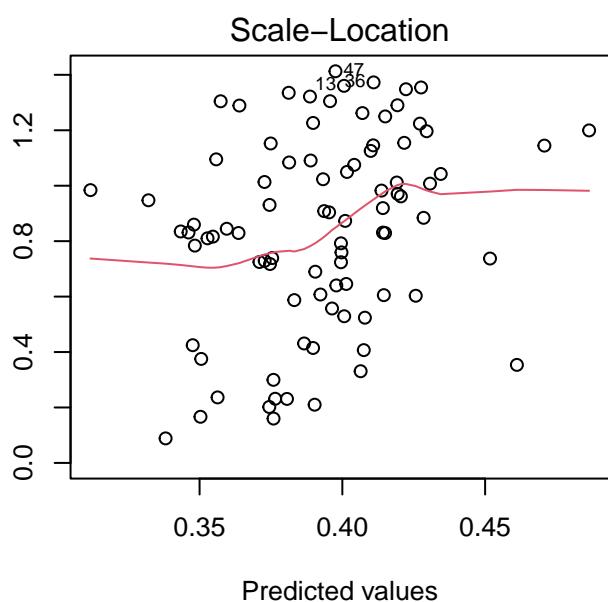


Normal Q–Q

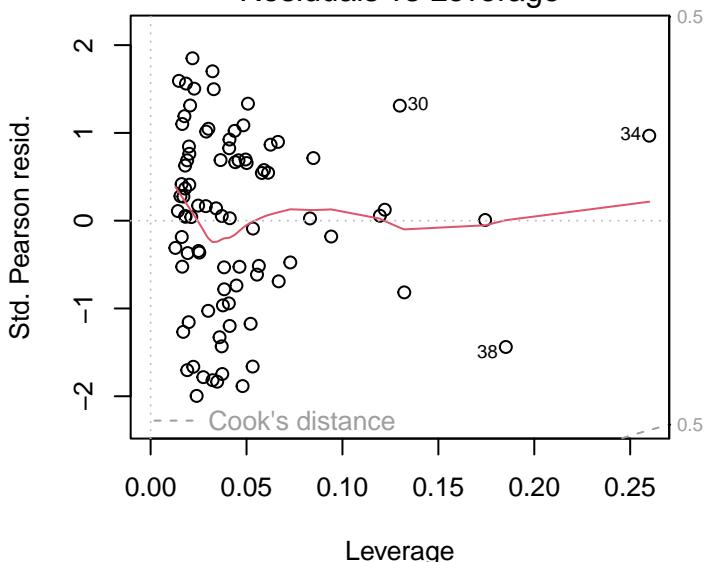


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

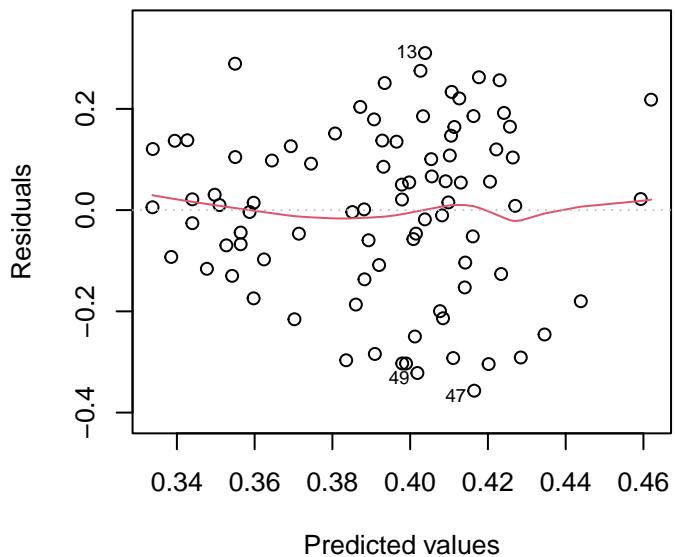


Residuals vs Leverage

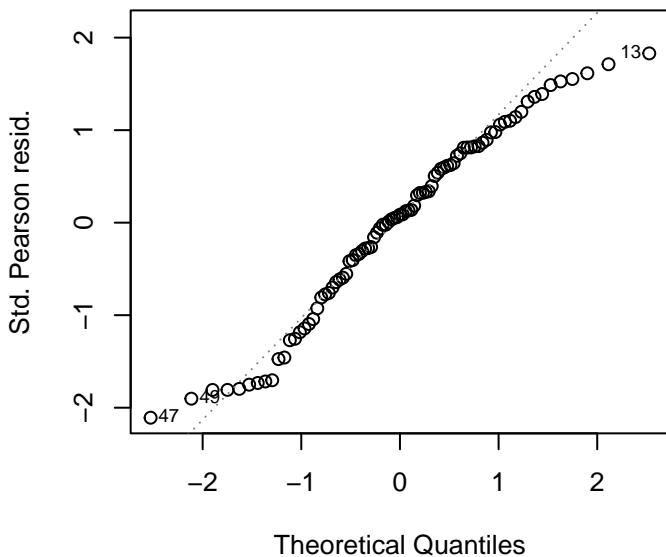


`glm(M.prime ~ area + julian_date + temp + 1)`

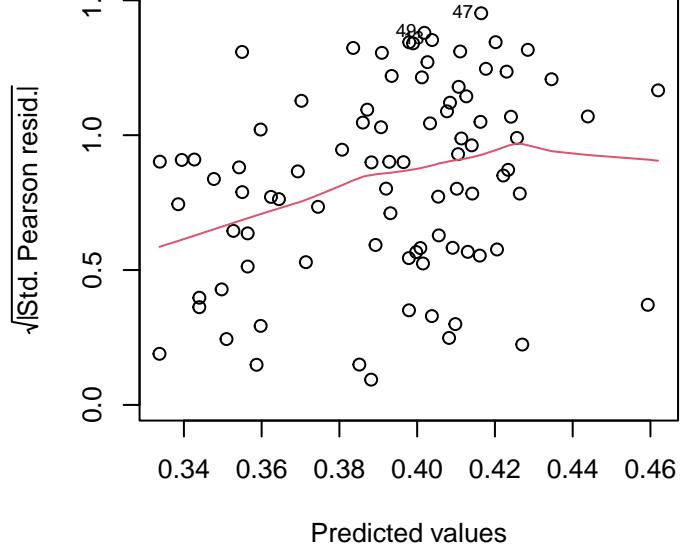
Residuals vs Fitted



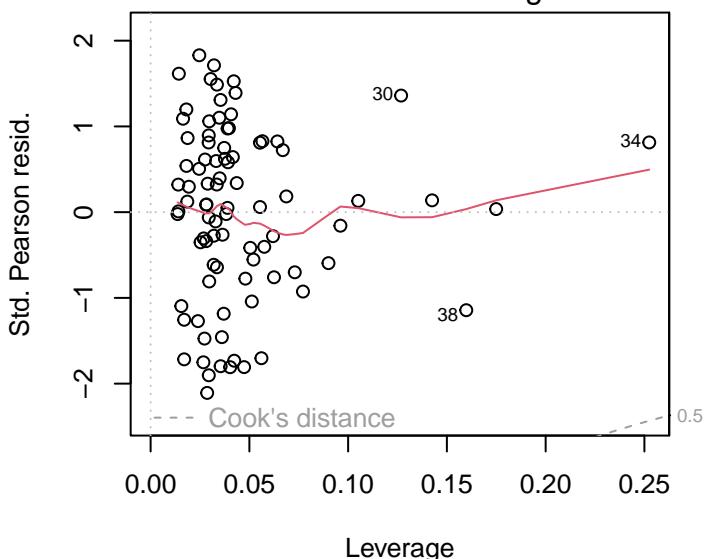
Normal Q-Q



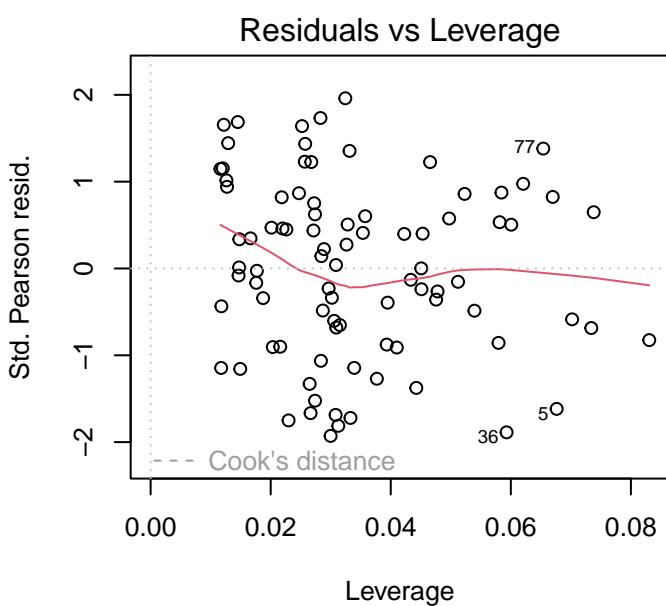
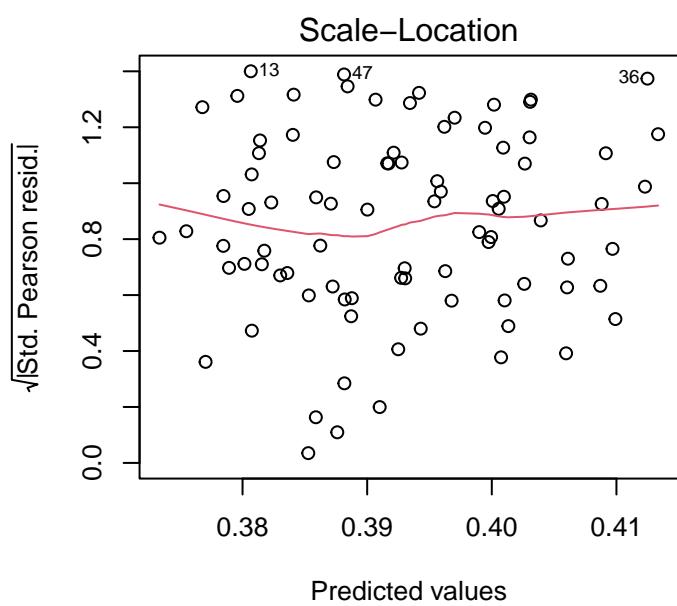
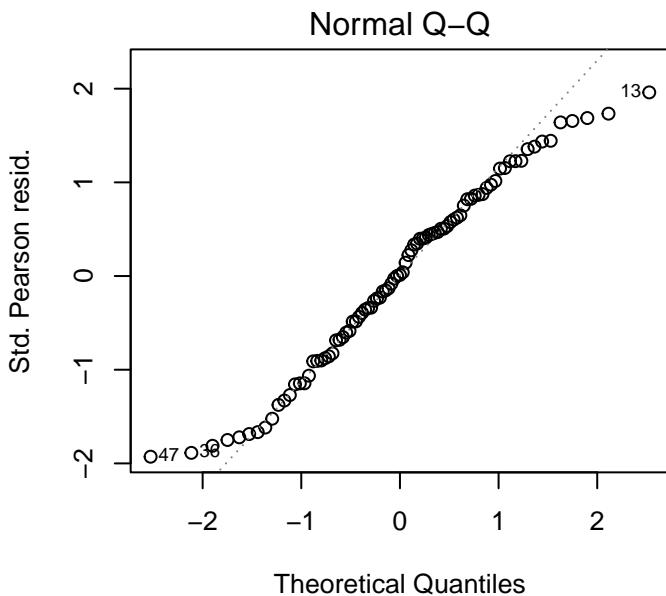
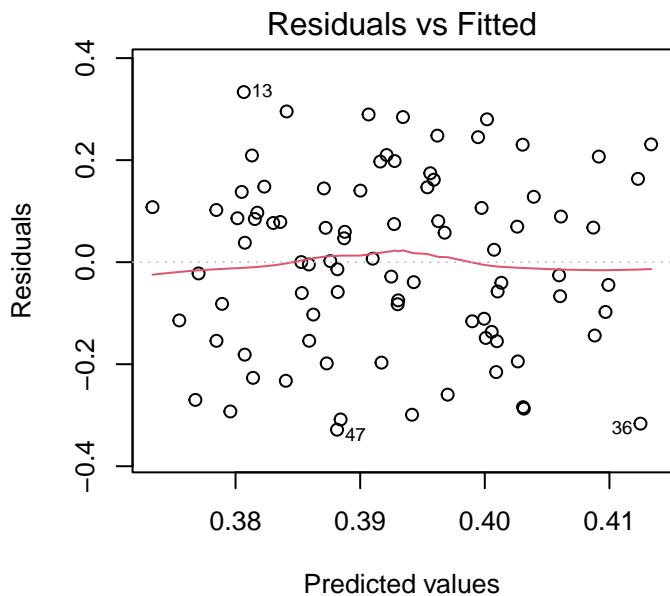
Scale–Location



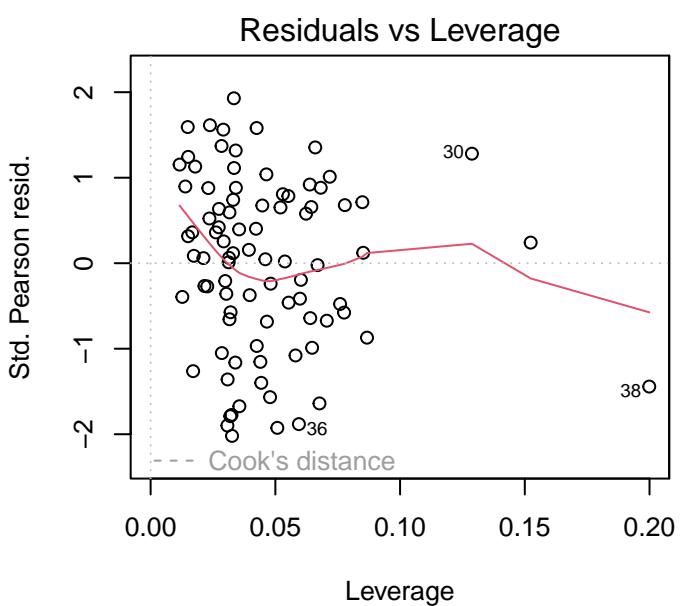
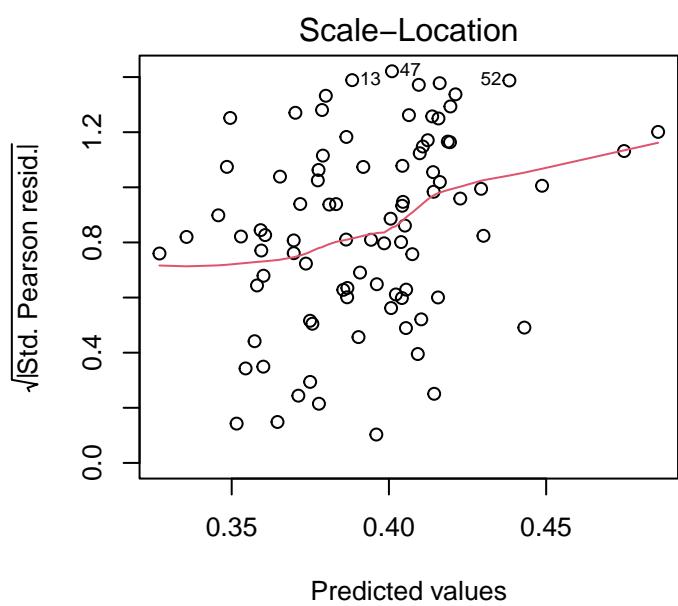
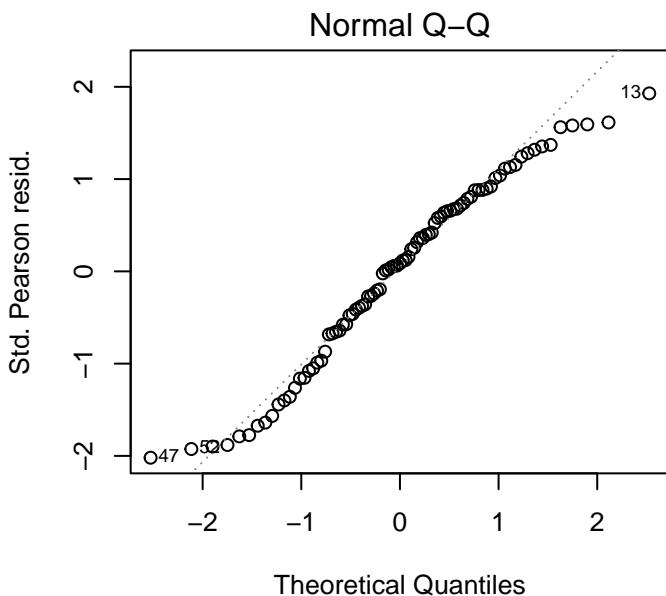
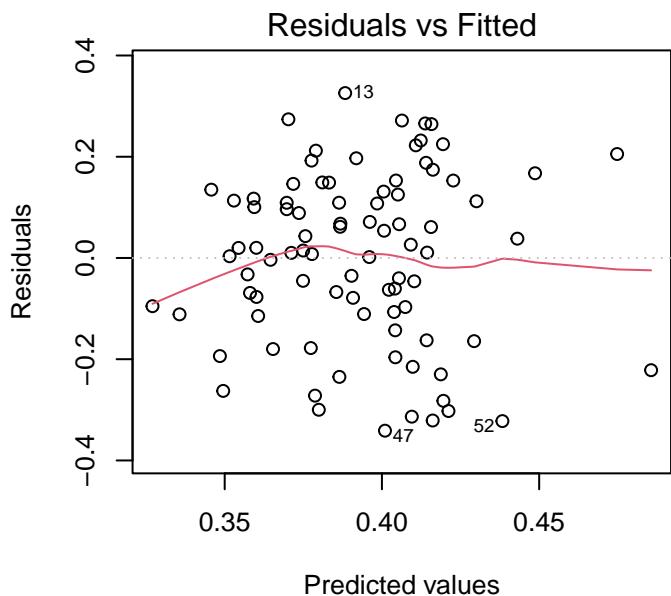
Residuals vs Leverage



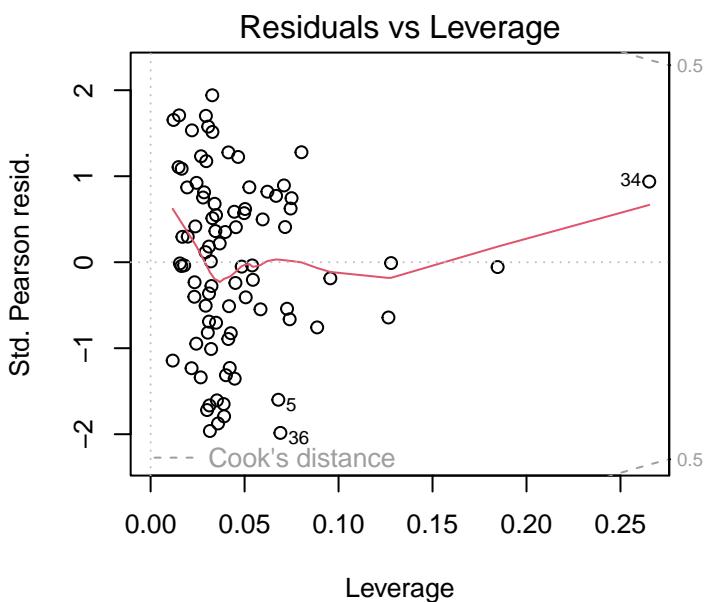
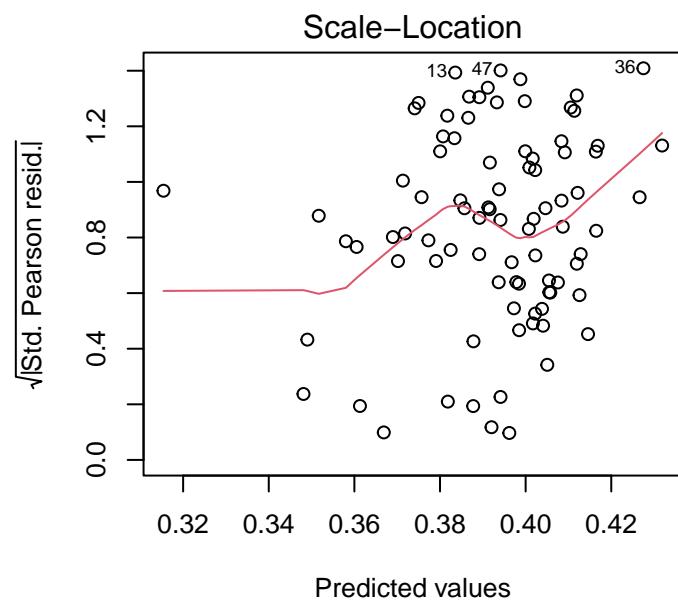
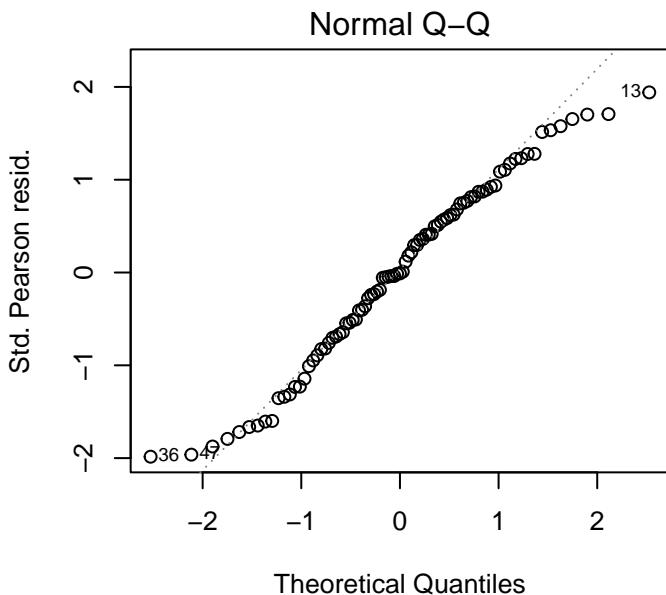
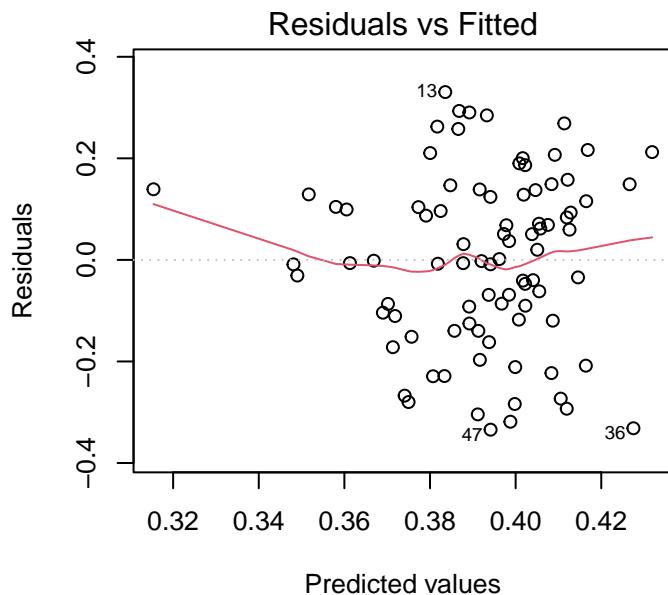
`glm(M.prime ~ julian_date + time_convert + 1)`



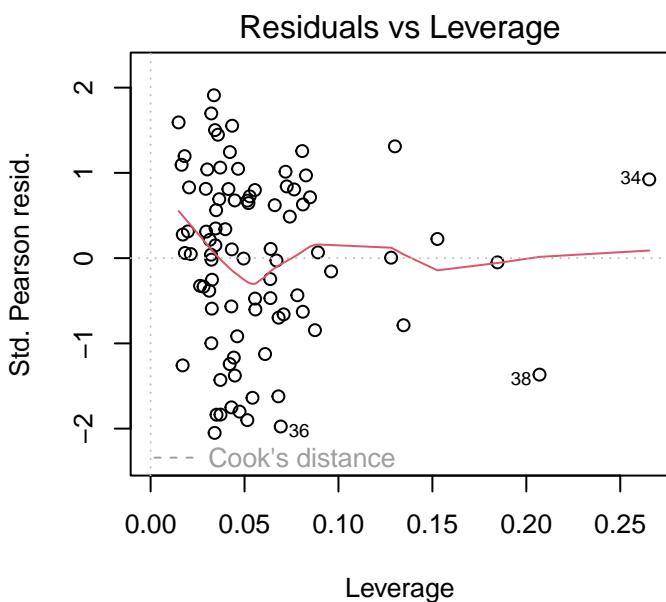
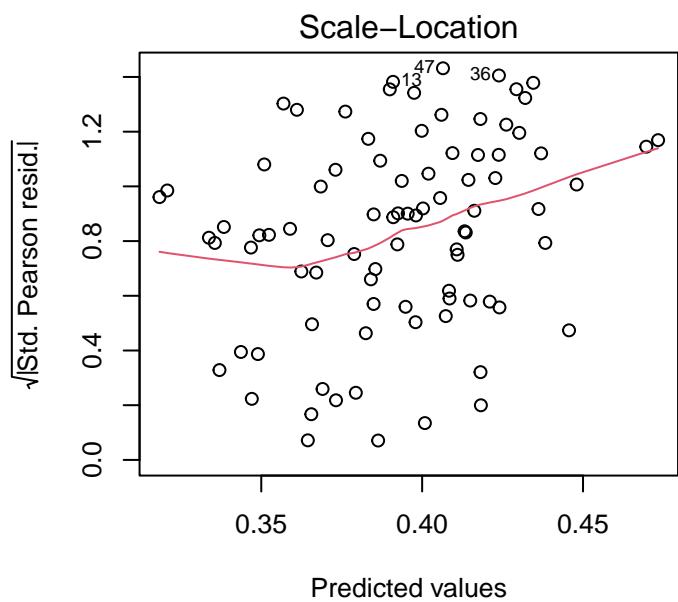
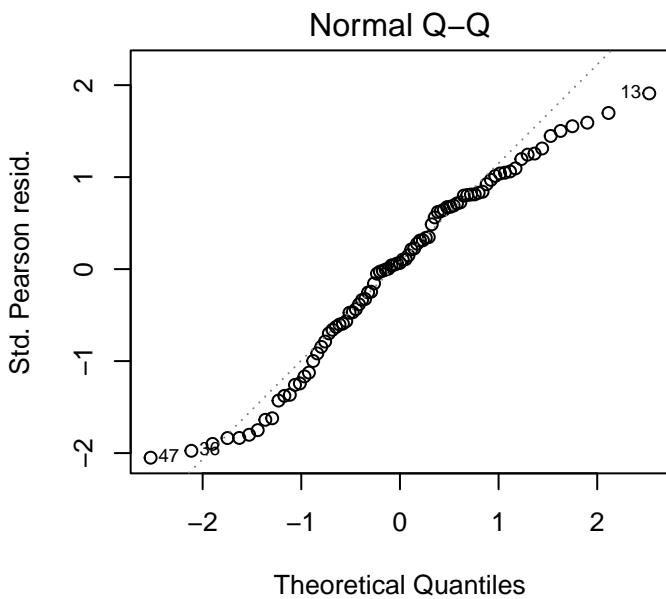
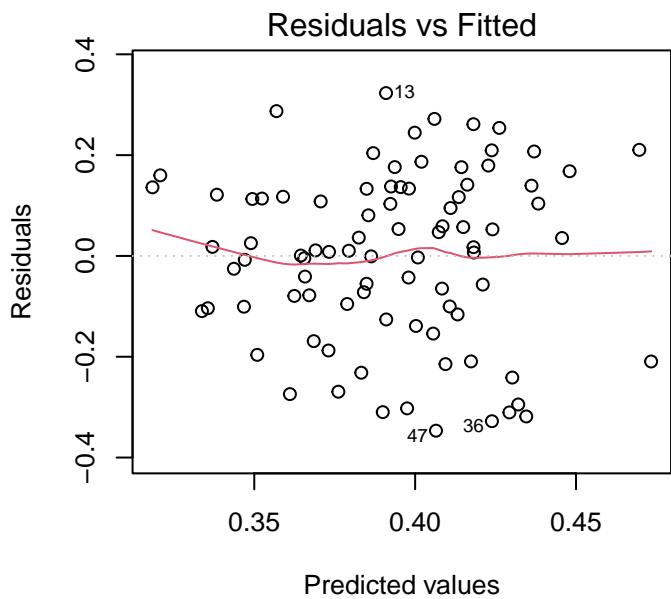
`glm(M.prime ~ julian_date + temp + time_convert + 1)`



`glm(M.prime ~ area + julian_date + time_convert + 1)`

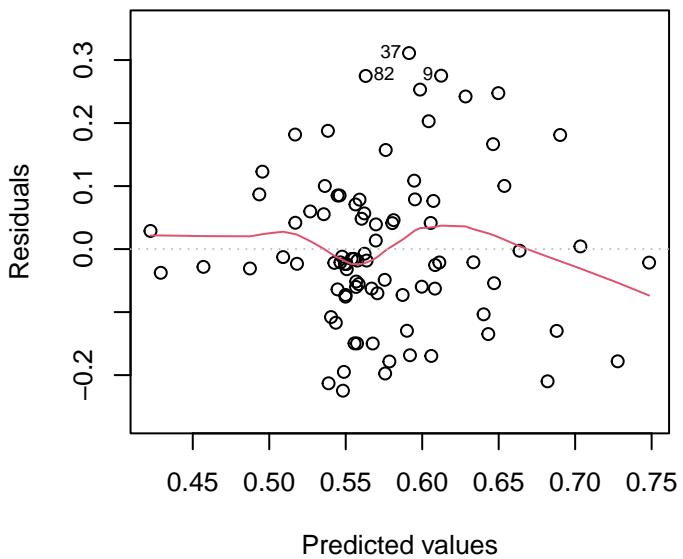


`glm(M.prime ~ area + julian_date + temp + time_convert + 1)`

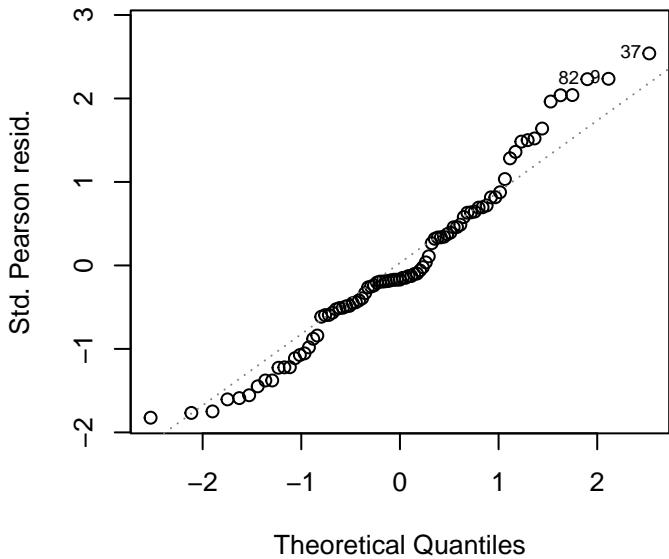


`glm(qEt ~ area + julian_date + temp + 1)`

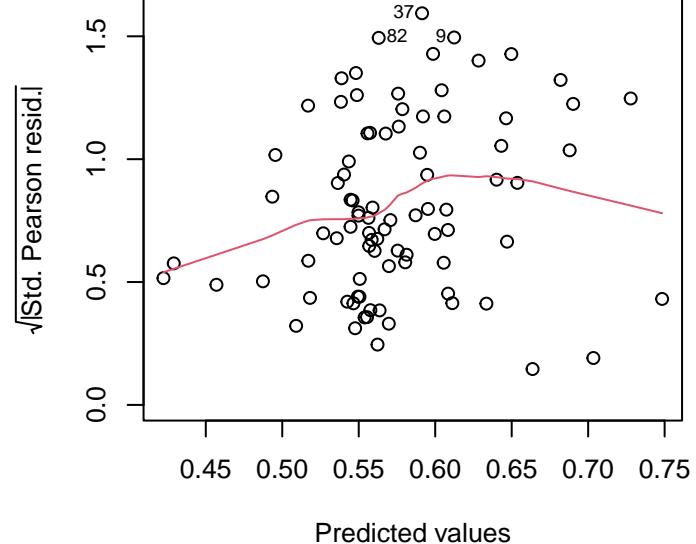
Residuals vs Fitted



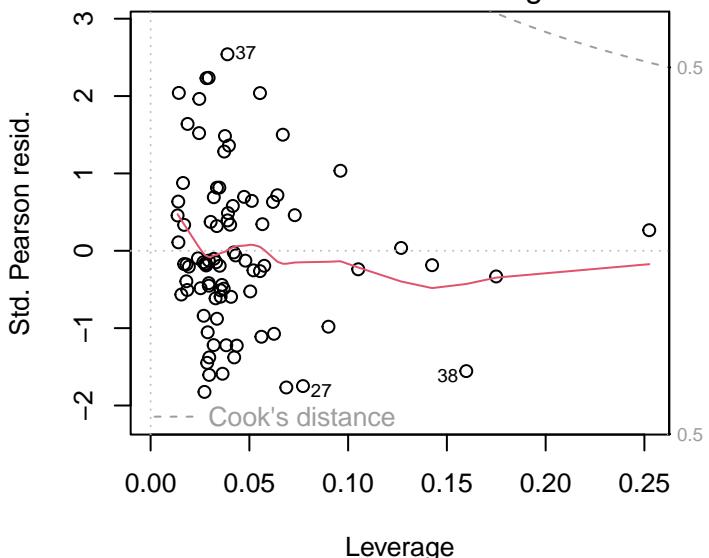
Normal Q–Q



Scale–Location

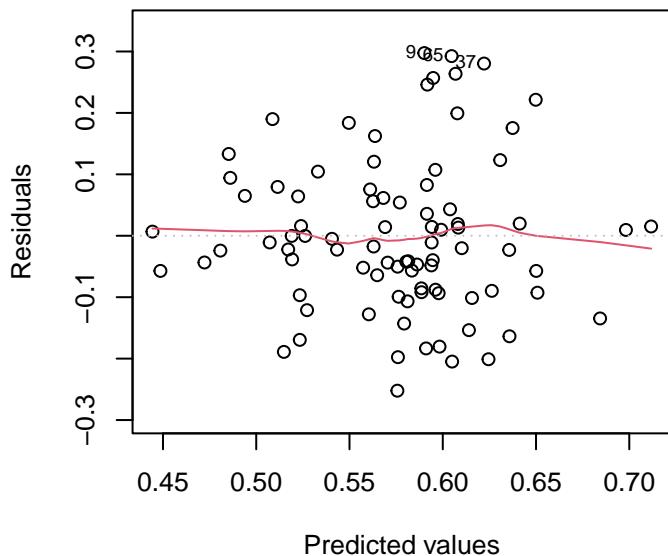


Residuals vs Leverage

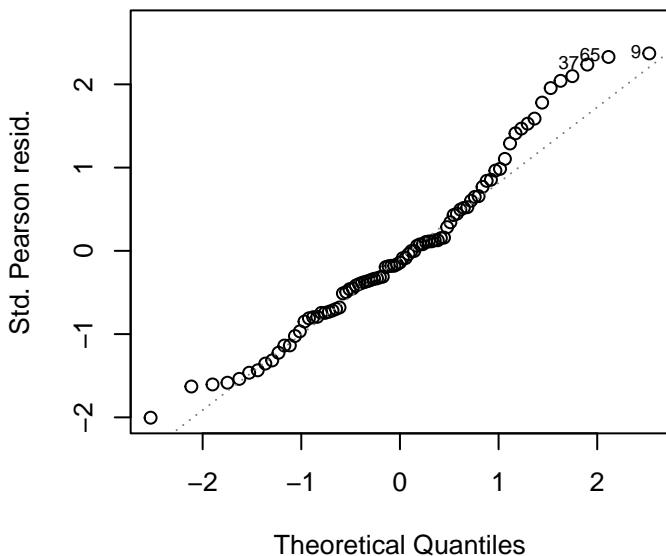


$glm(qEt \sim area + temp + 1)$

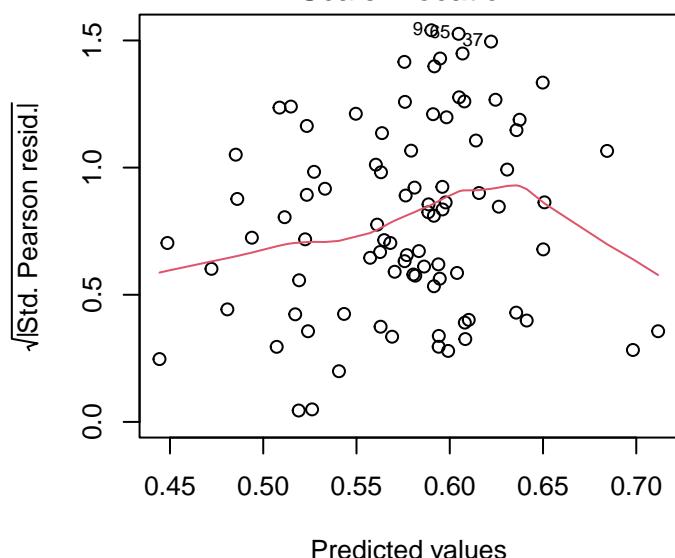
Residuals vs Fitted



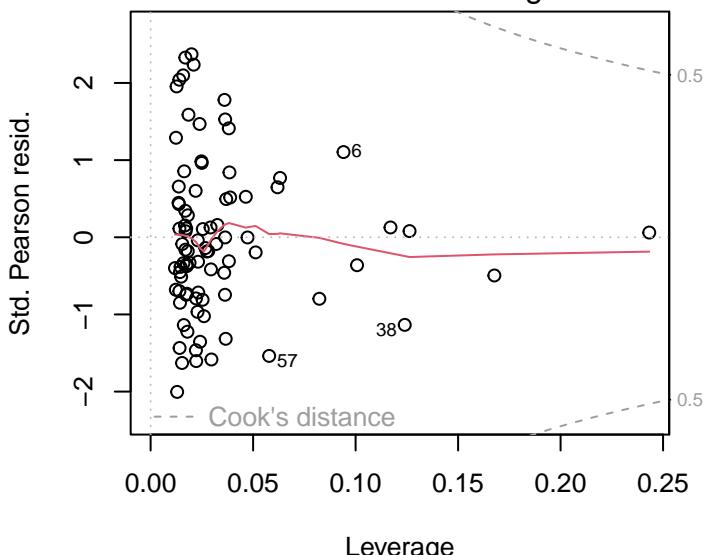
Normal Q-Q



Scale–Location

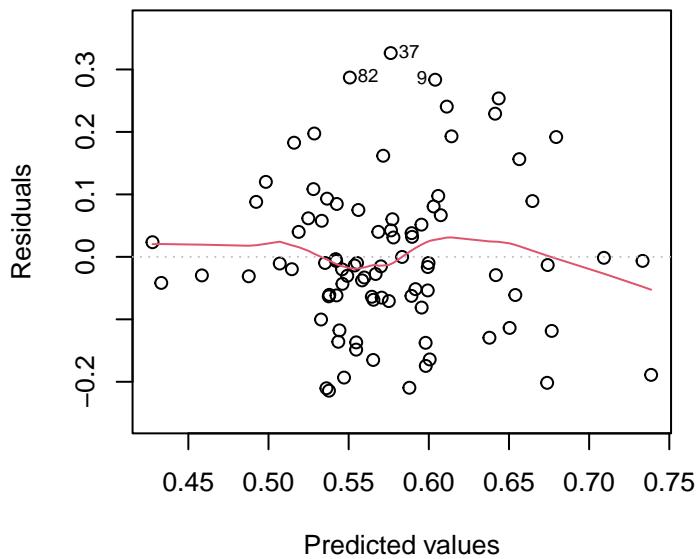


Residuals vs Leverage

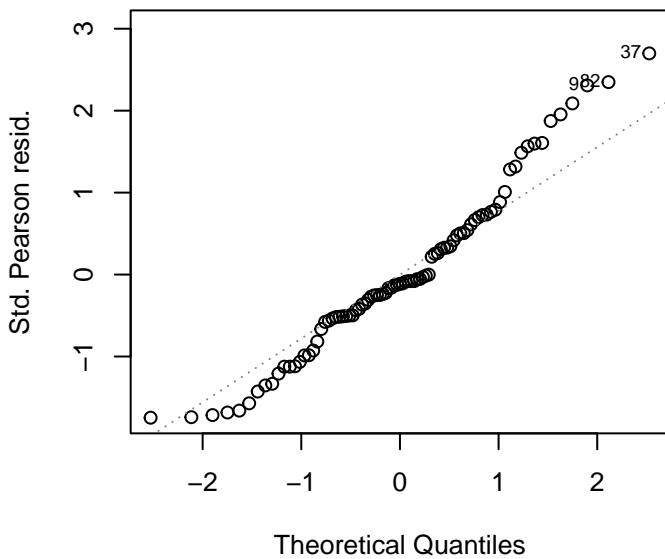


`glm(qEt ~ area + fish + julian_date + temp + 1)`

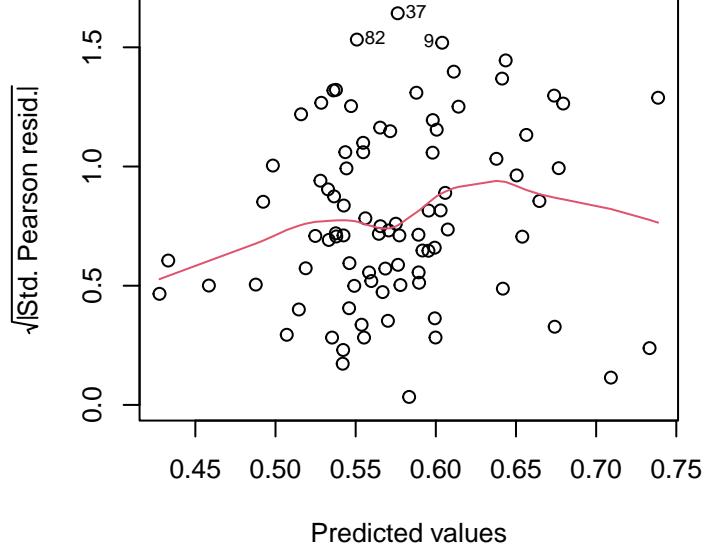
Residuals vs Fitted



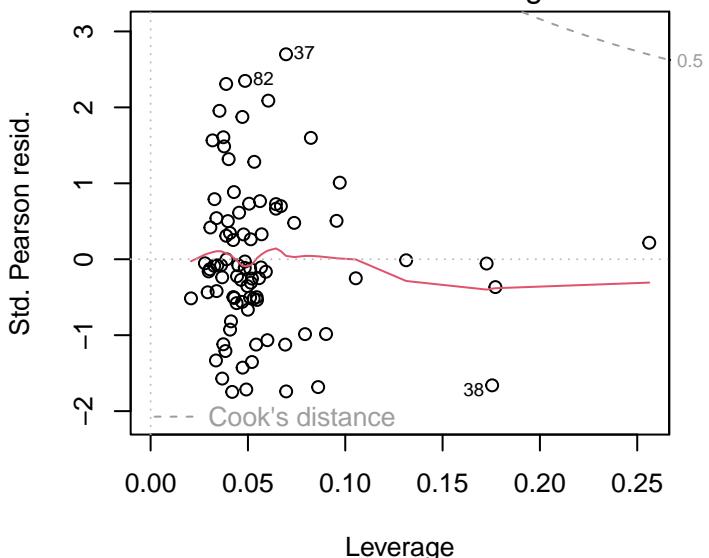
Normal Q–Q



Scale–Location

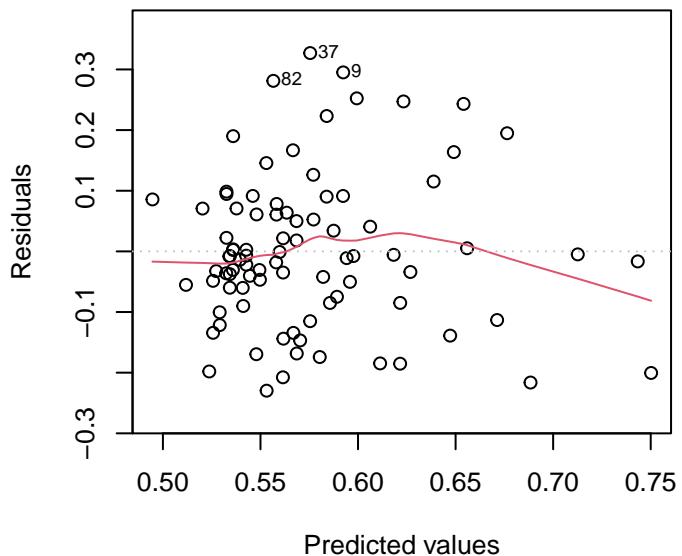


Residuals vs Leverage

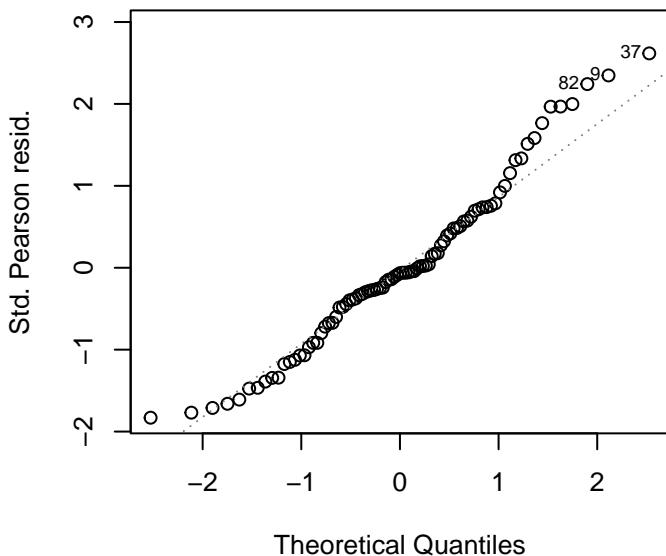


`glm(qEt ~ julian_date + temp + 1)`

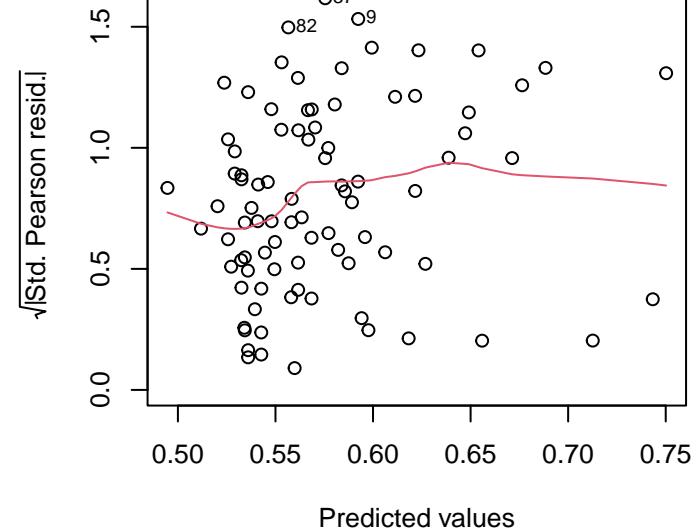
Residuals vs Fitted



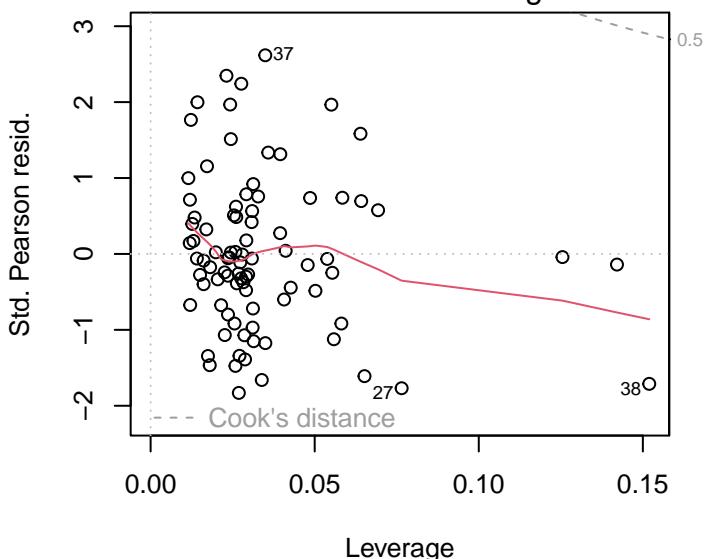
Normal Q-Q



Scale–Location

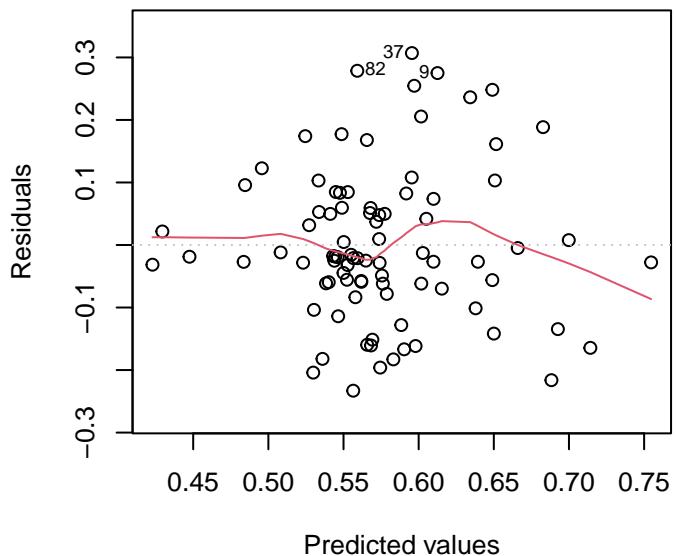


Residuals vs Leverage

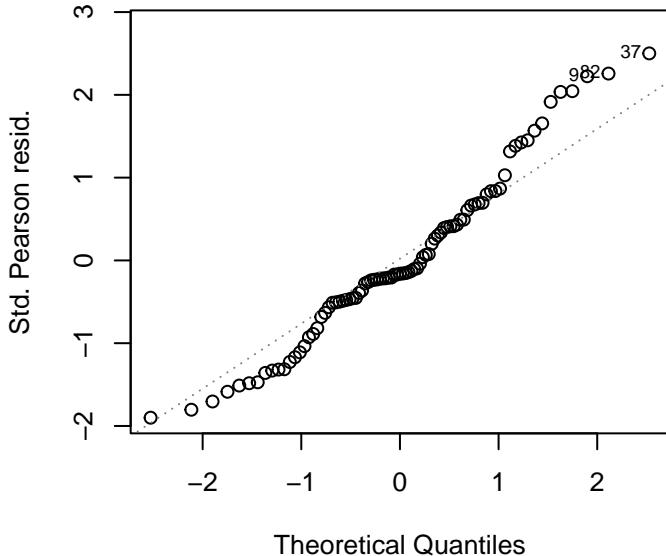


`glm(qEt ~ area + julian_date + temp + time_convert + 1)`

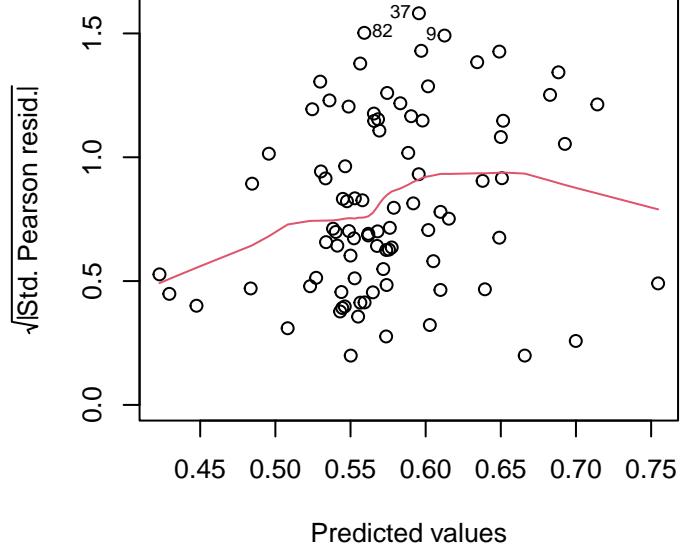
Residuals vs Fitted



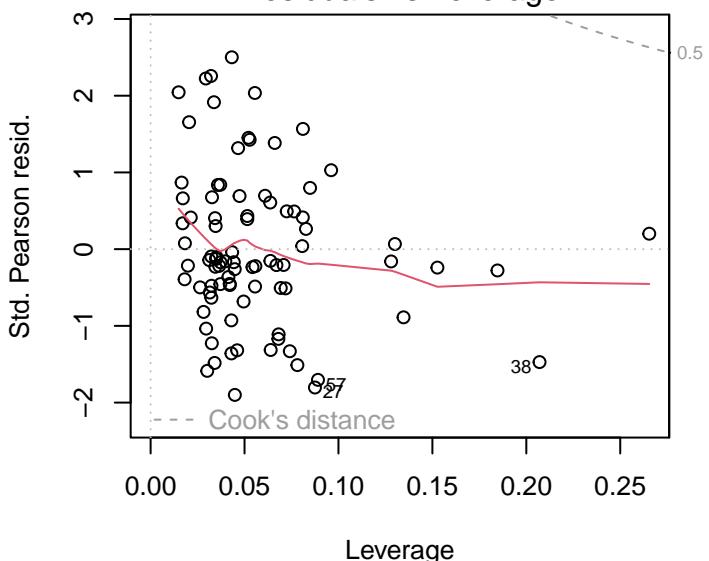
Normal Q–Q



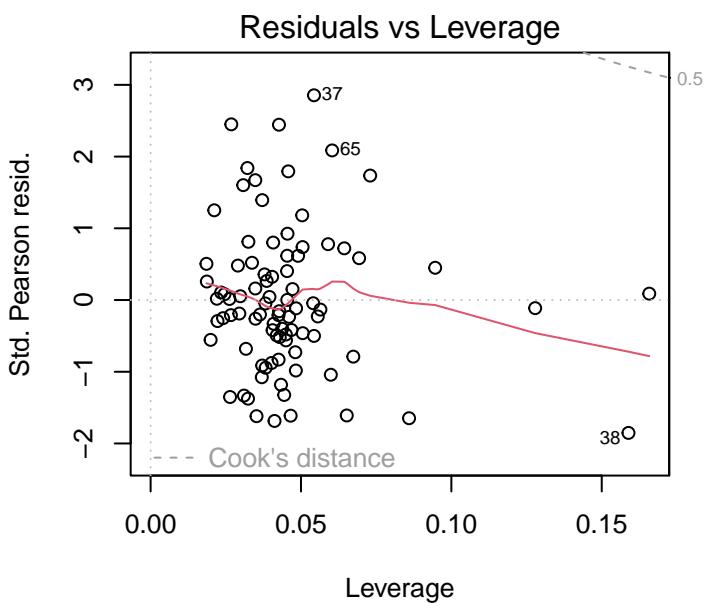
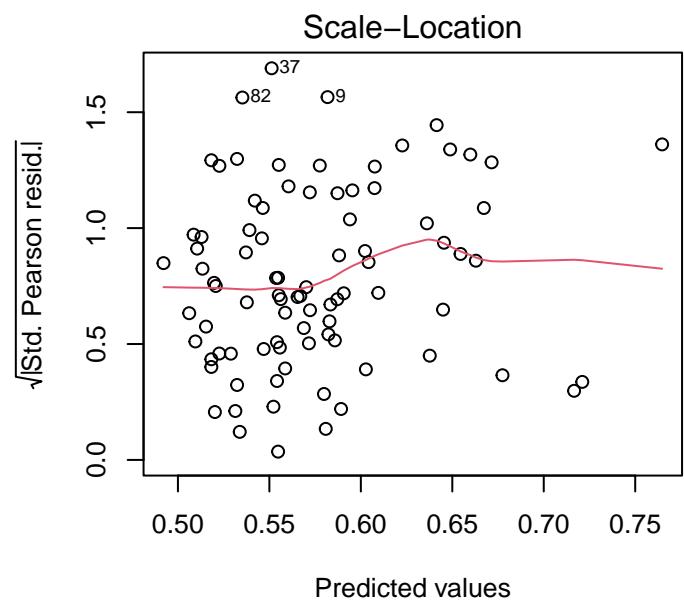
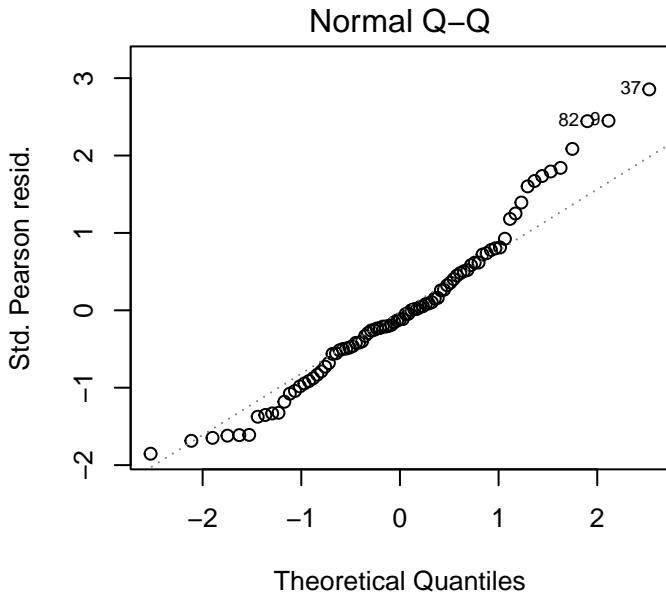
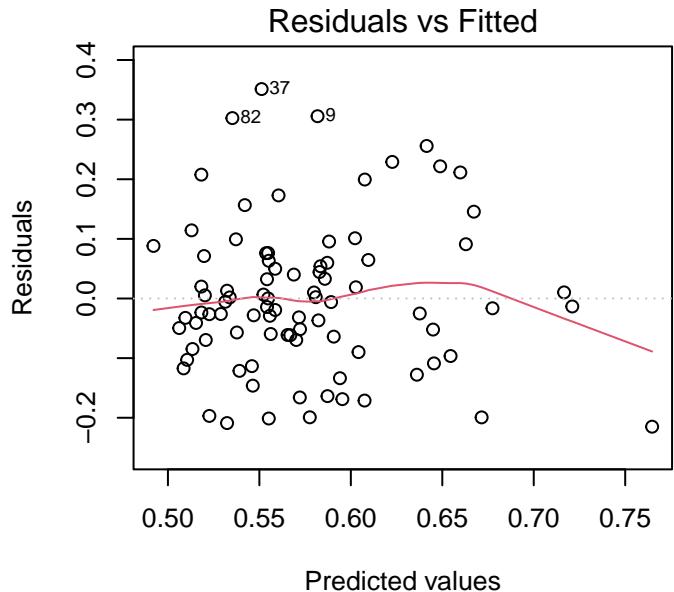
Scale–Location



Residuals vs Leverage

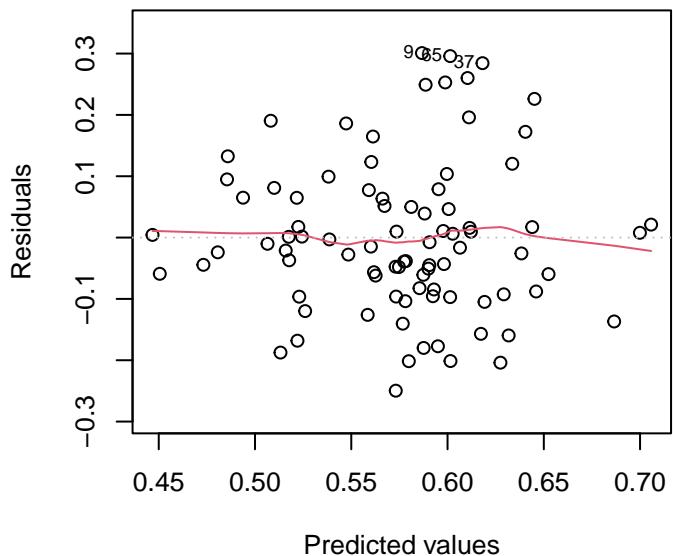


`glm(qEt ~ fish + julian_date + temp + 1)`

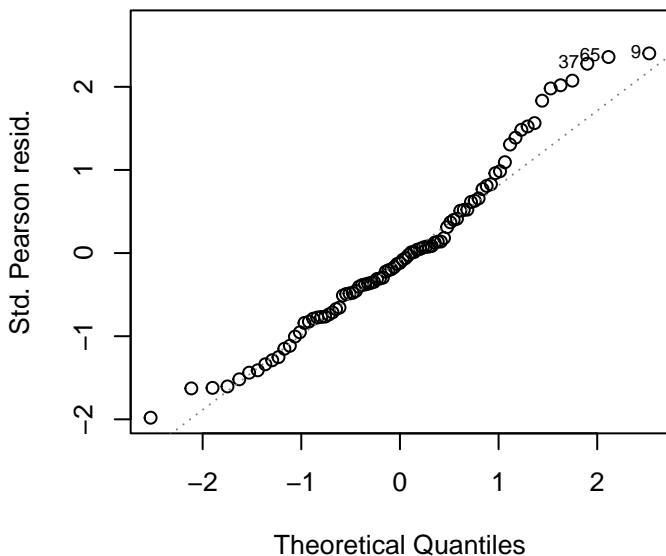


`glm(qEt ~ area + fish + temp + 1)`

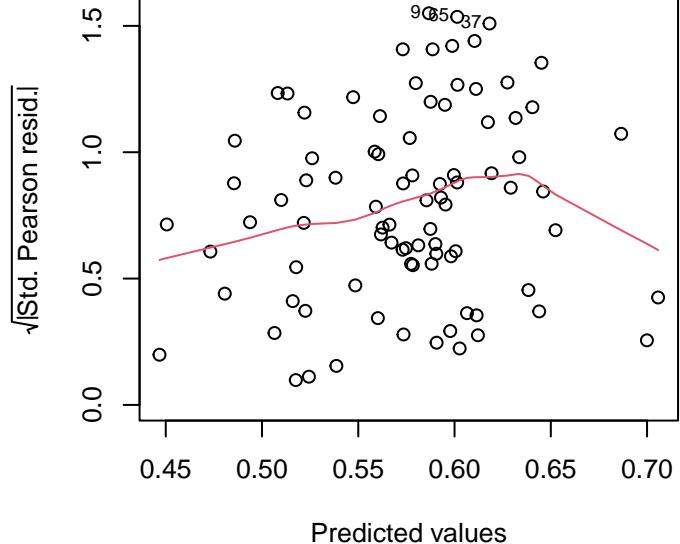
Residuals vs Fitted



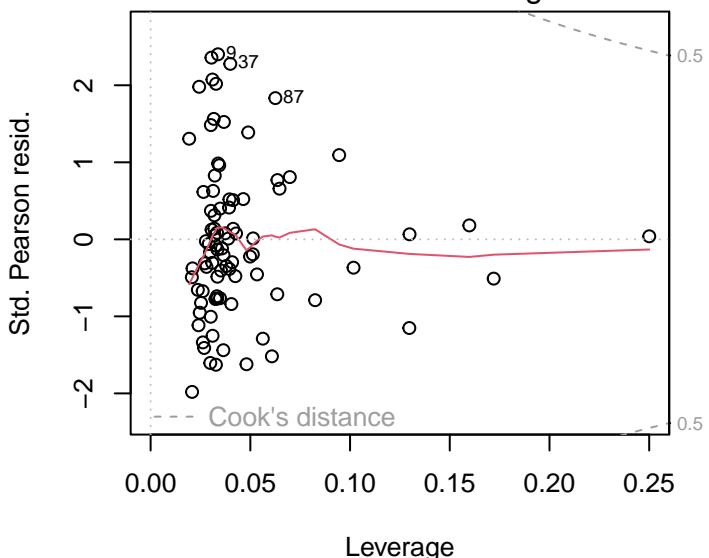
Normal Q–Q



Scale–Location

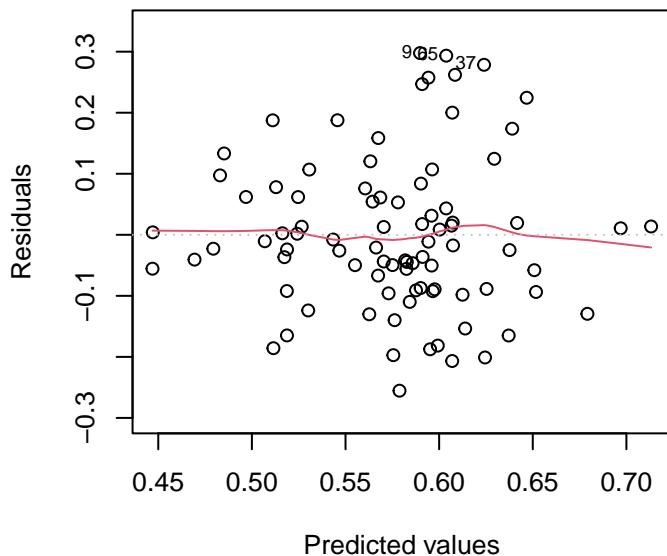


Residuals vs Leverage

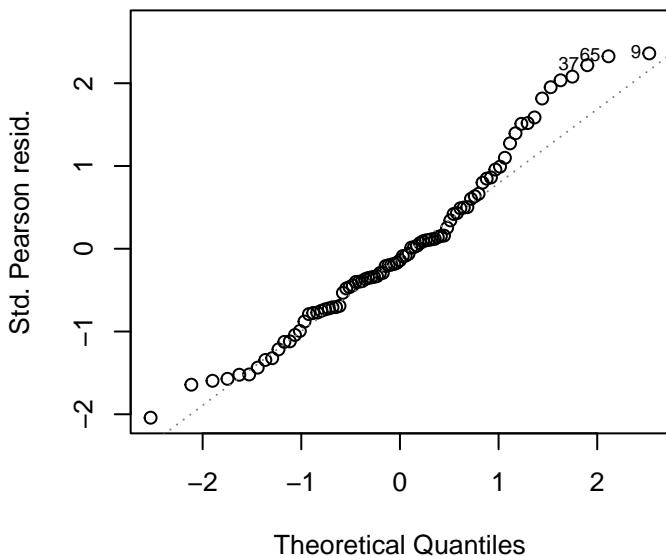


`glm(qEt ~ area + temp + time_convert + 1)`

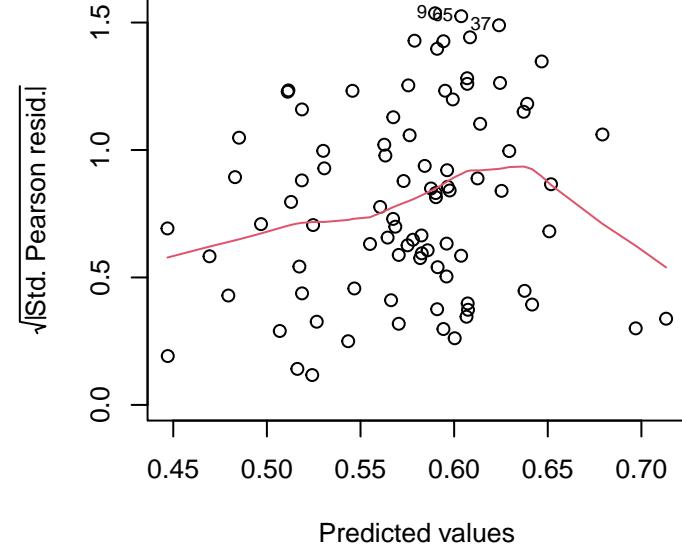
Residuals vs Fitted



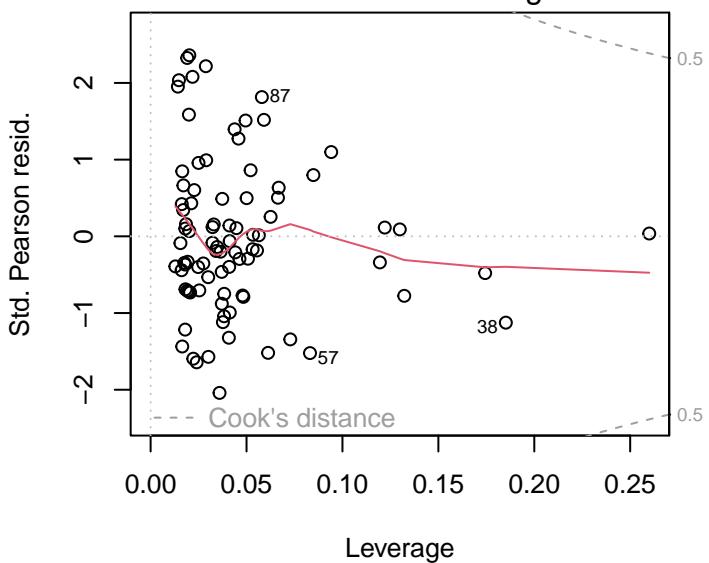
Normal Q–Q



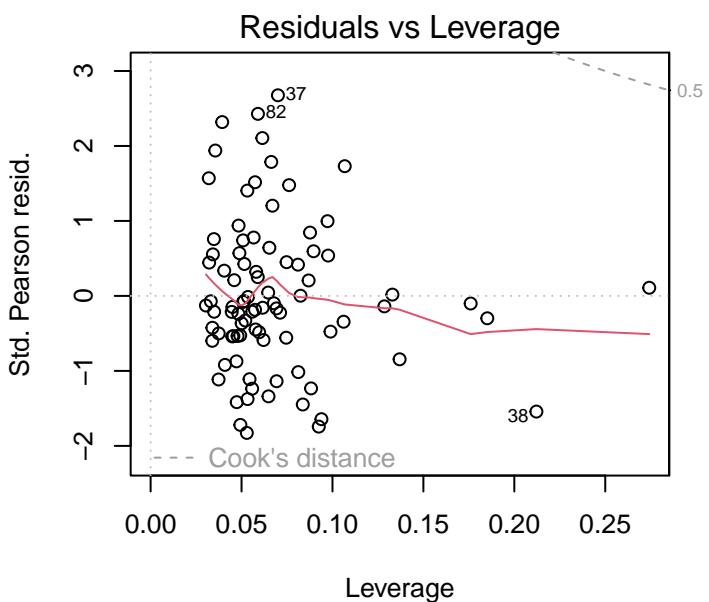
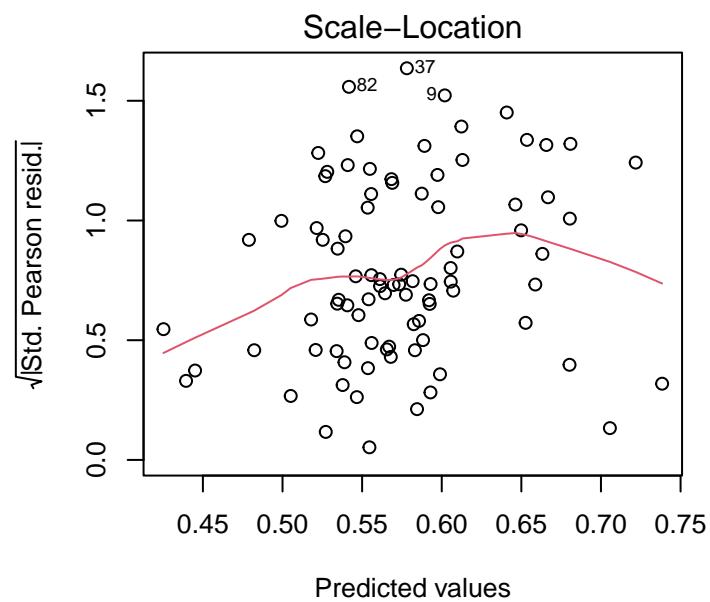
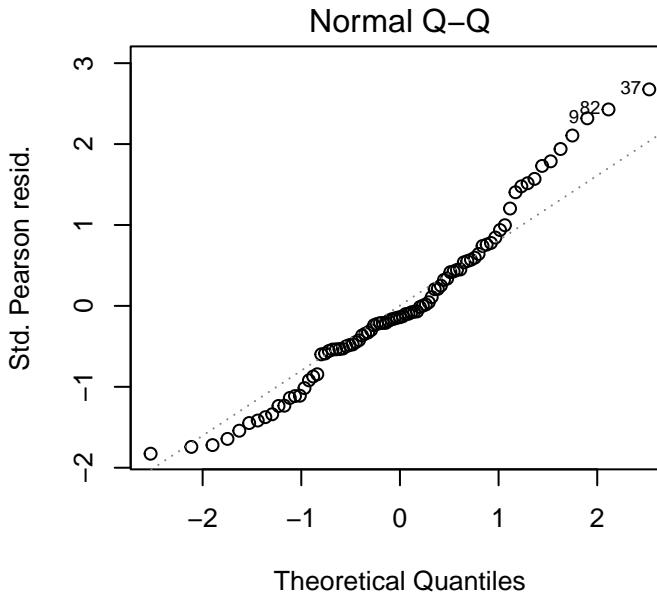
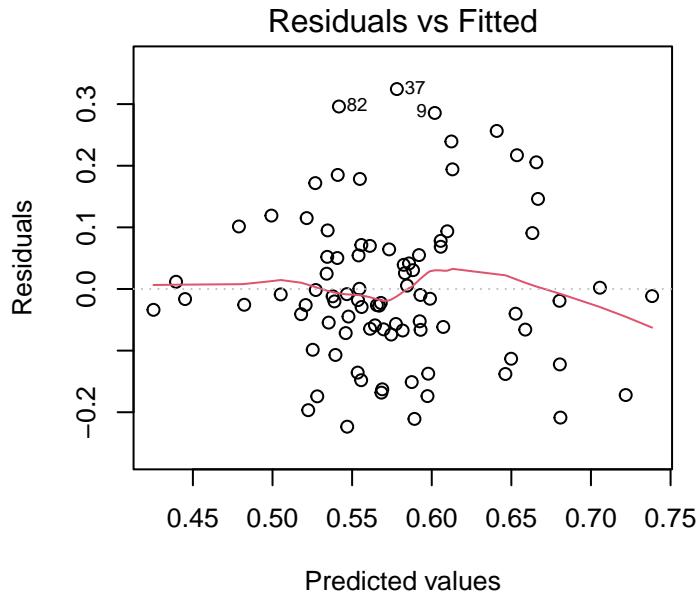
Scale–Location



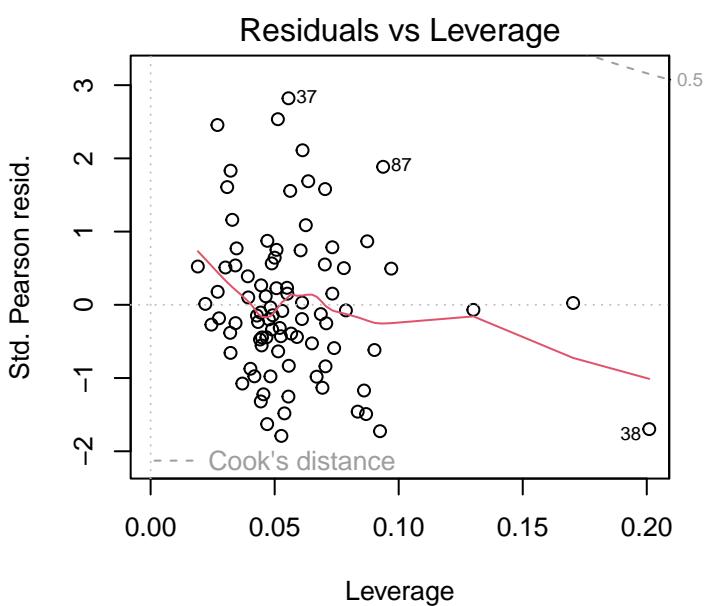
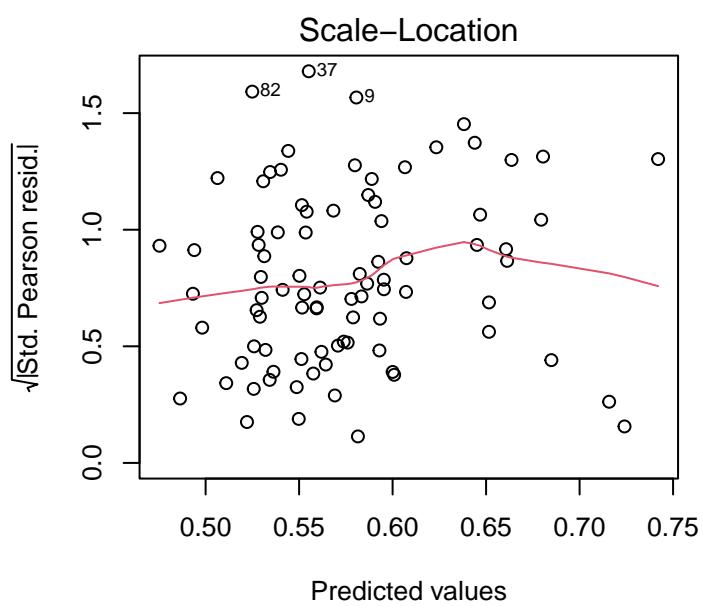
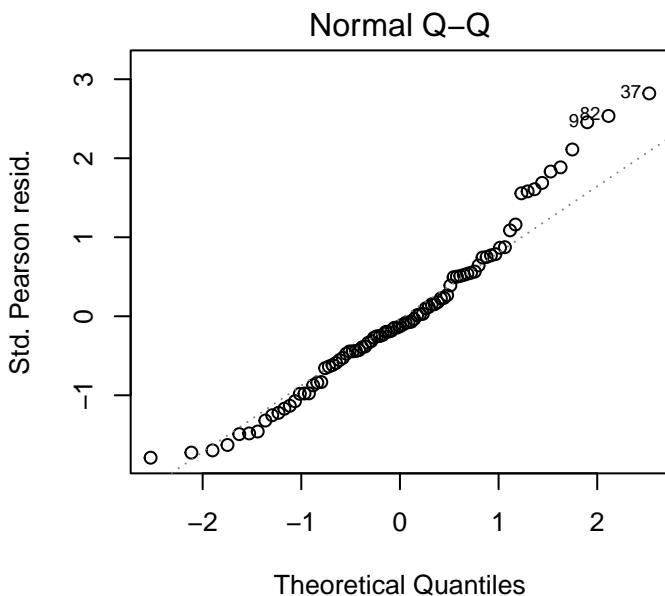
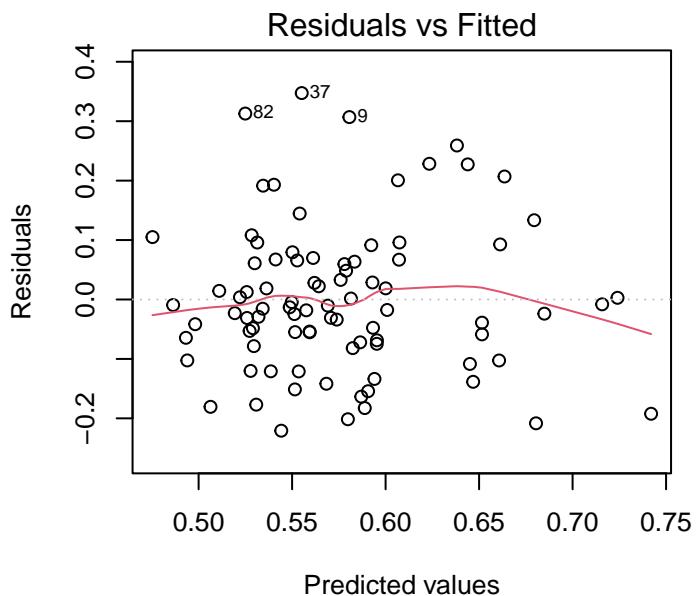
Residuals vs Leverage



`glm(qEt ~ area + fish + julian_date + temp + time_convert + 1)`

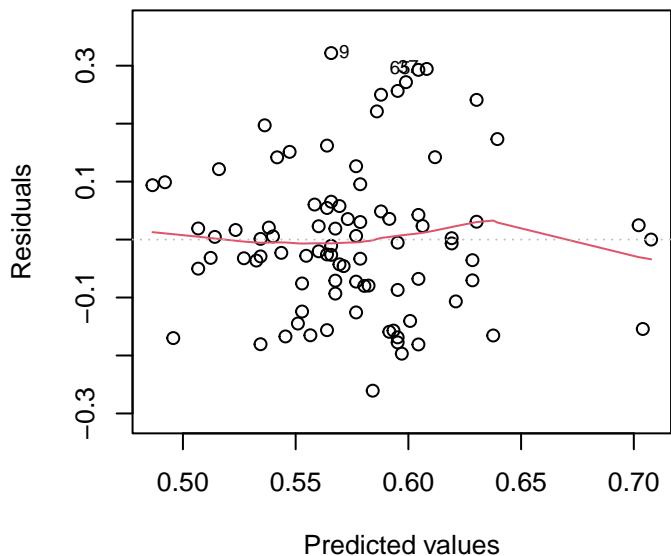


`glm(qEt ~ fish + julian_date + temp + time_convert + 1)`

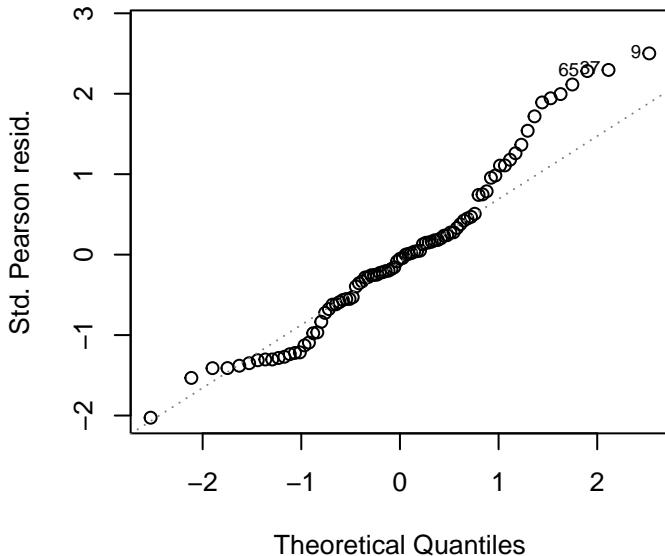


$glm(qEt \sim temp + 1)$

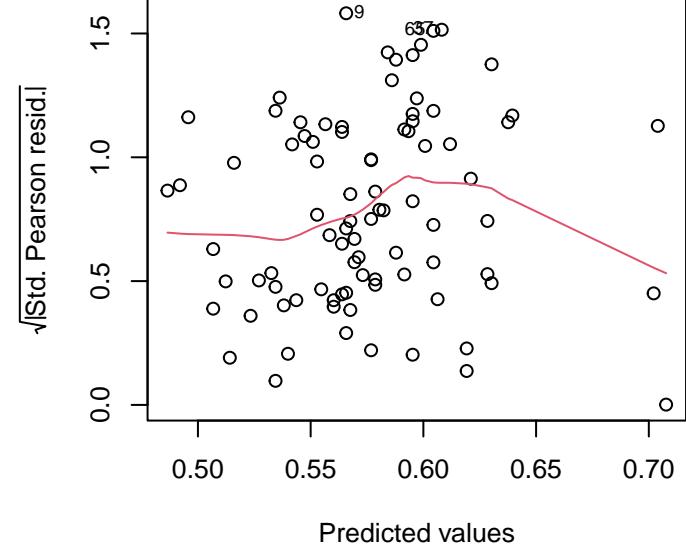
Residuals vs Fitted



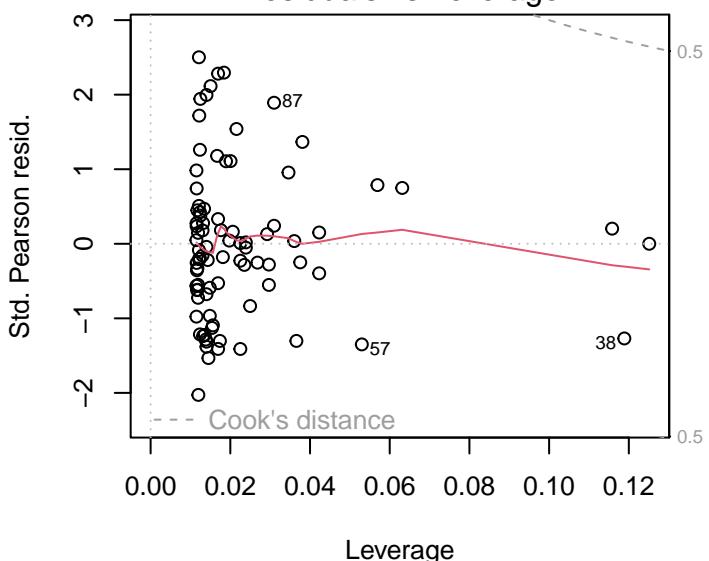
Normal Q–Q



Scale–Location

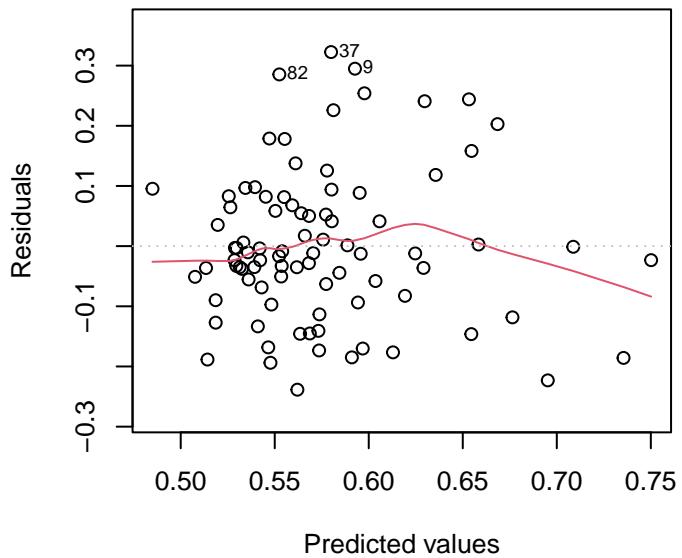


Residuals vs Leverage

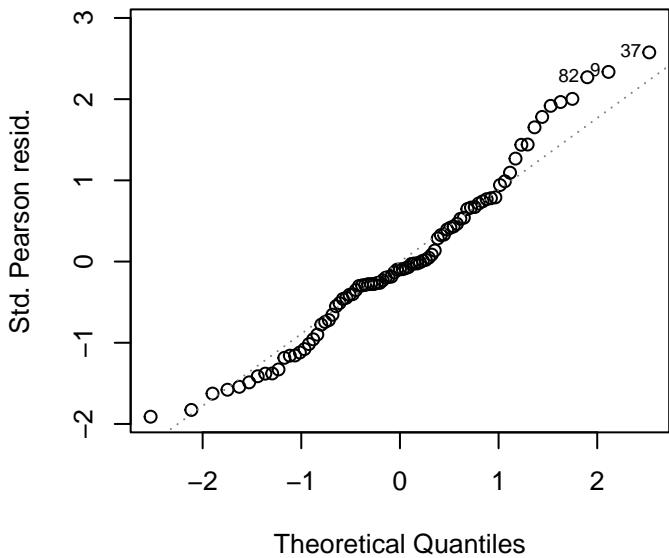


`glm(qEt ~ julian_date + temp + time_convert + 1)`

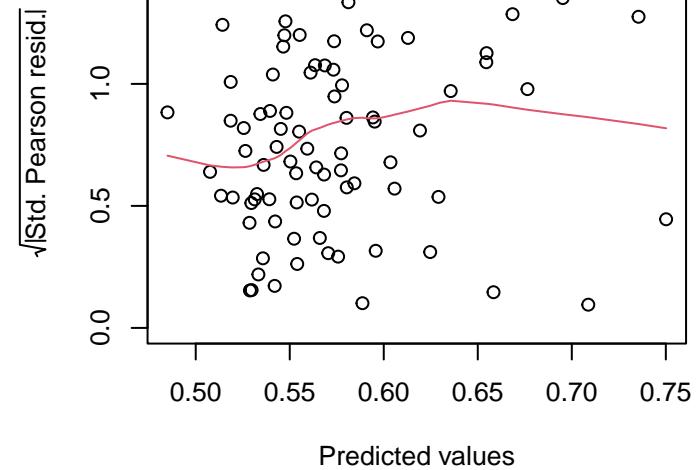
Residuals vs Fitted



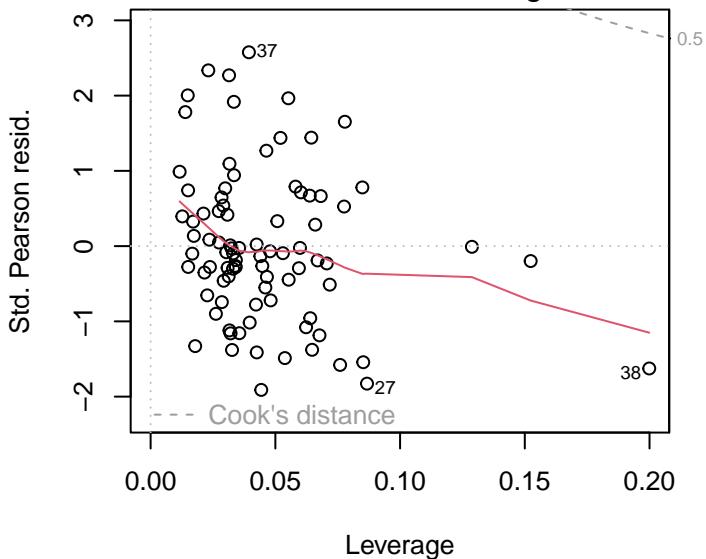
Normal Q-Q



Scale–Location

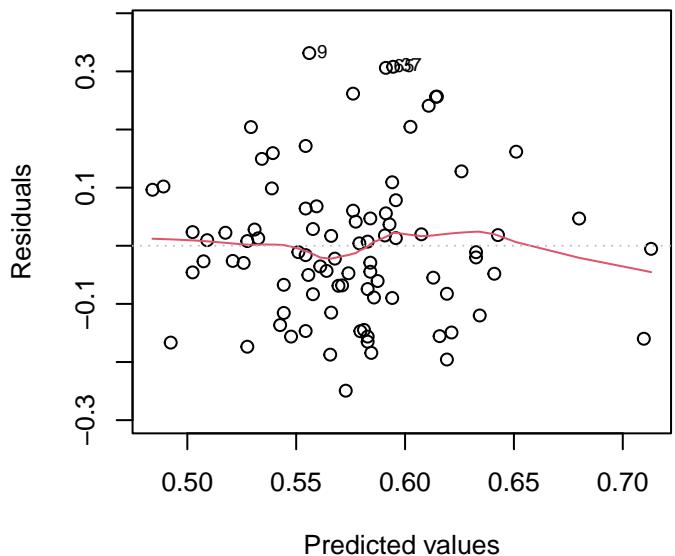


Residuals vs Leverage

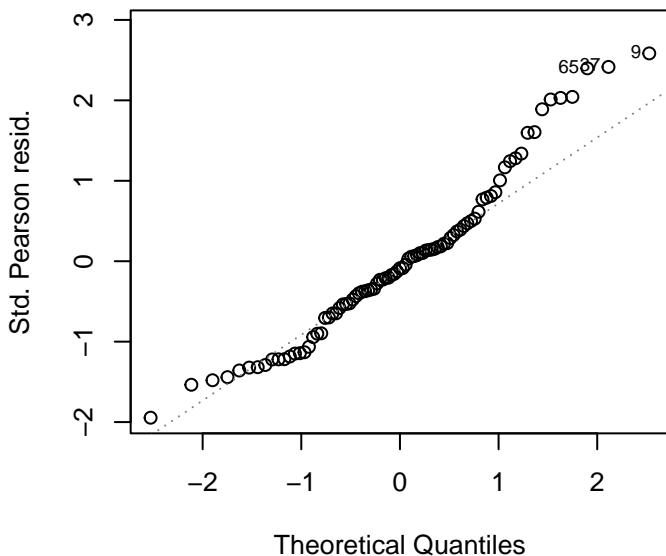


$\text{glm(qEt} \sim \text{fish + temp + 1)}$

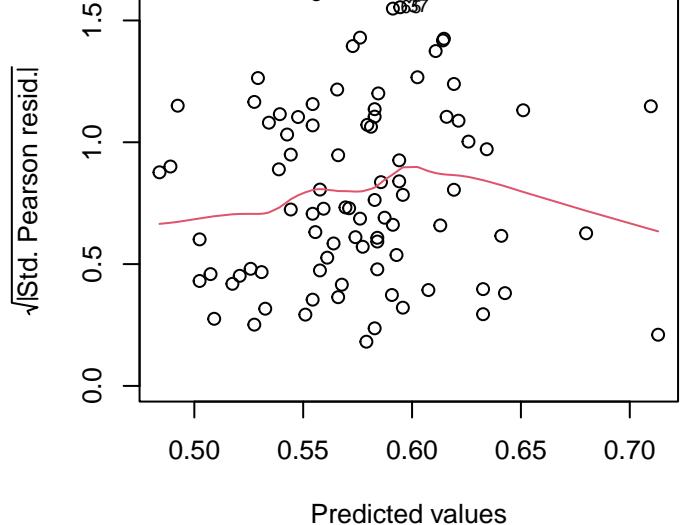
Residuals vs Fitted



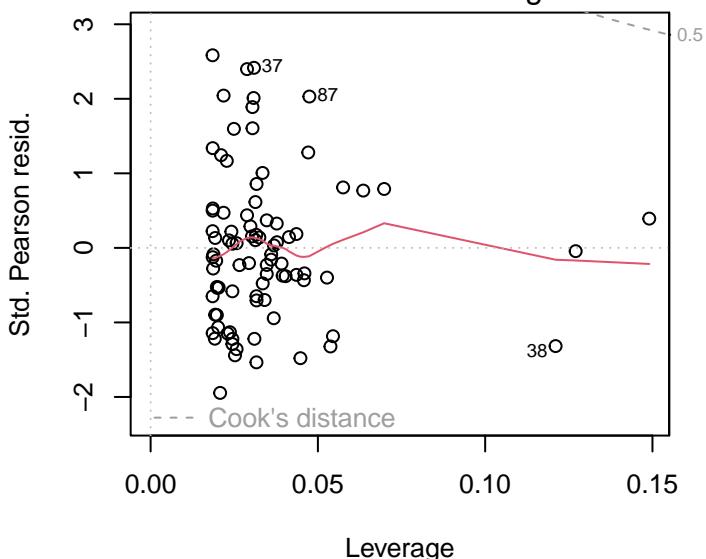
Normal Q-Q



Scale–Location

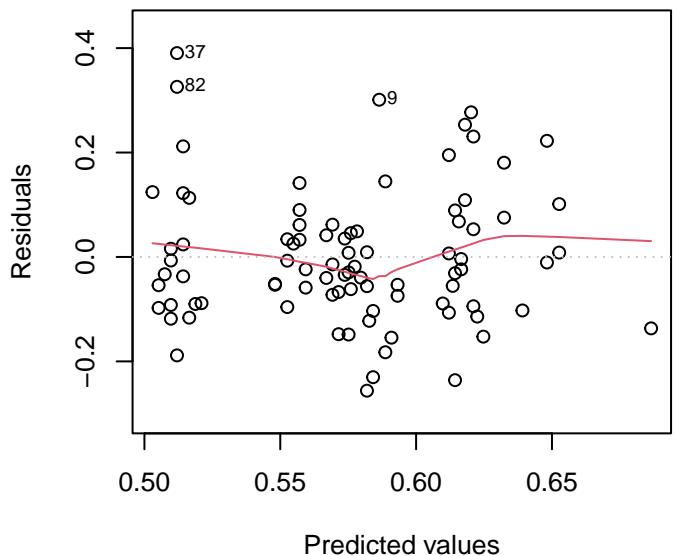


Residuals vs Leverage

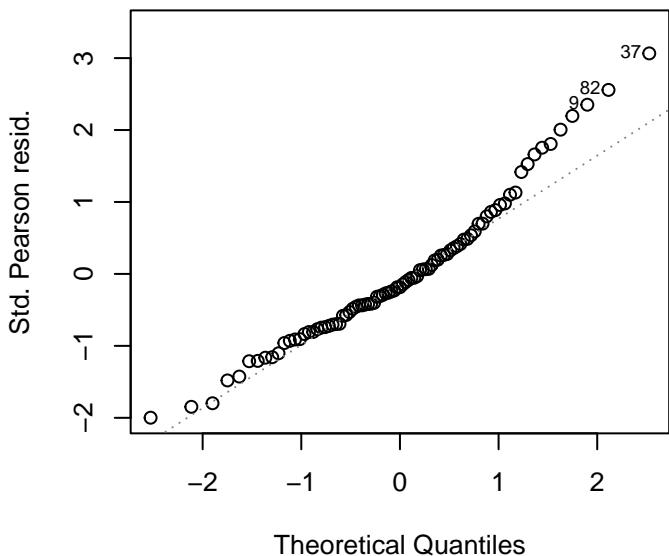


`glm(qEt ~ fish + julian_date + 1)`

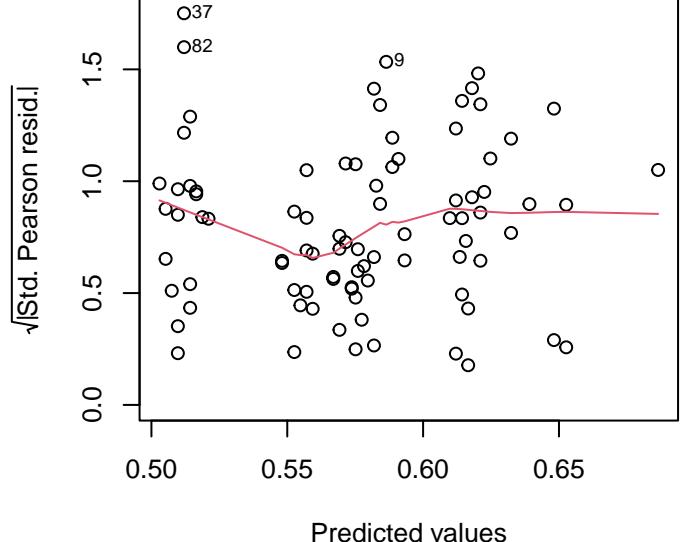
Residuals vs Fitted



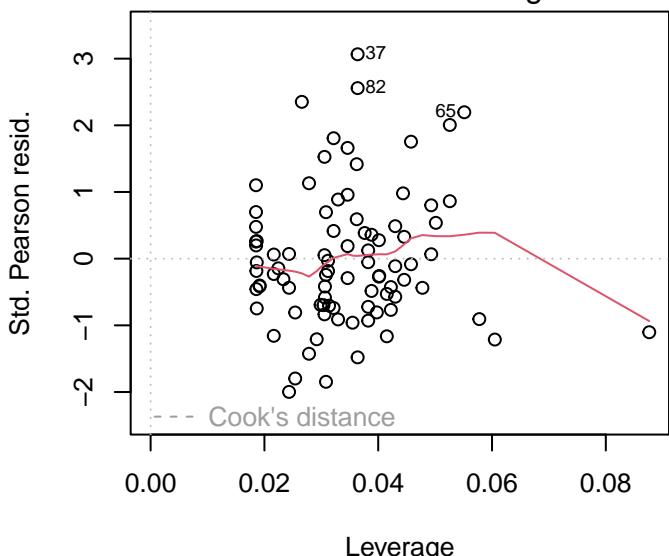
Normal Q–Q



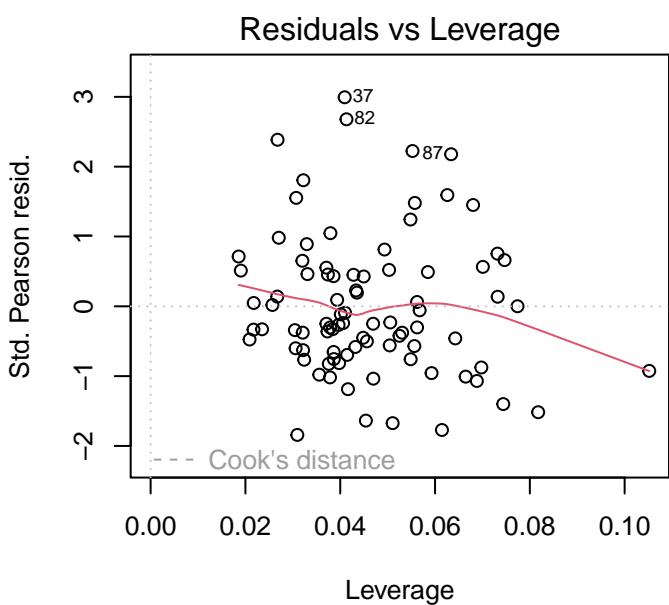
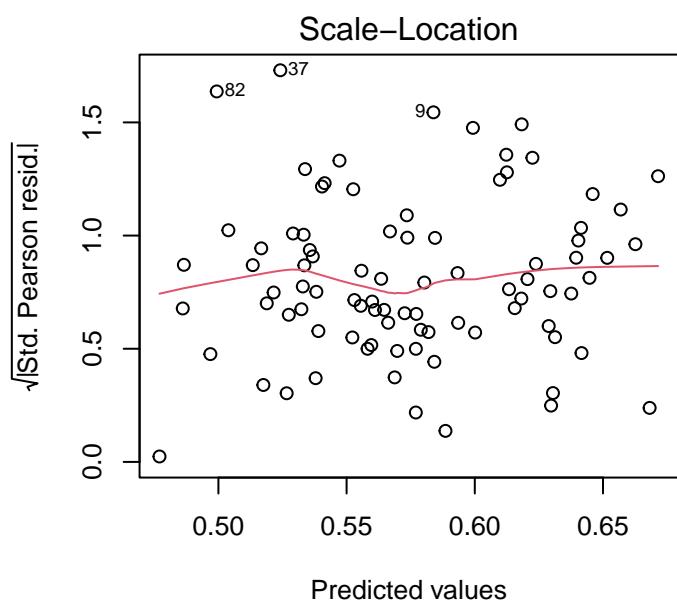
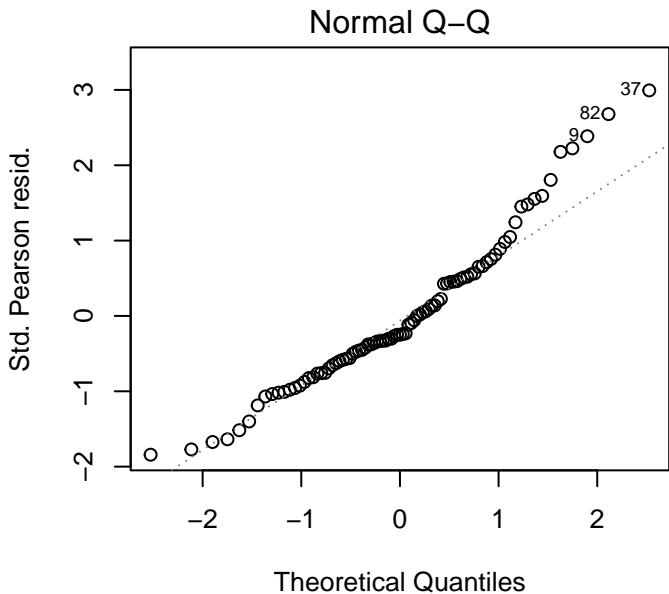
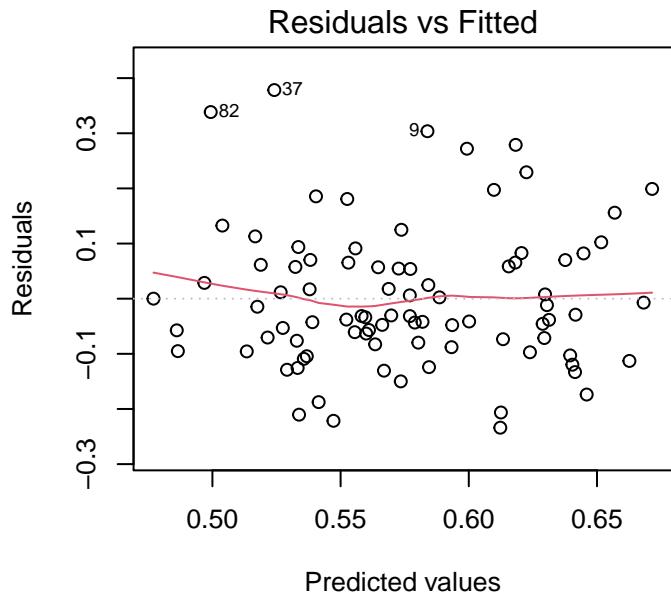
Scale–Location



Residuals vs Leverage

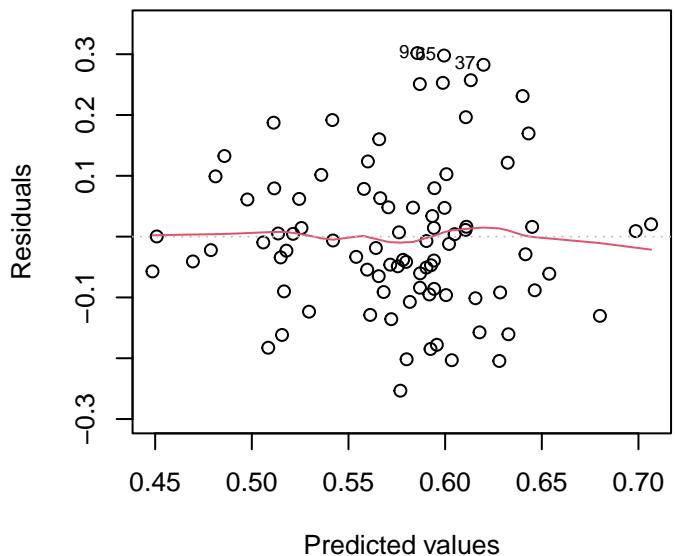


`glm(qEt ~ fish + julian_date + time_convert + 1)`

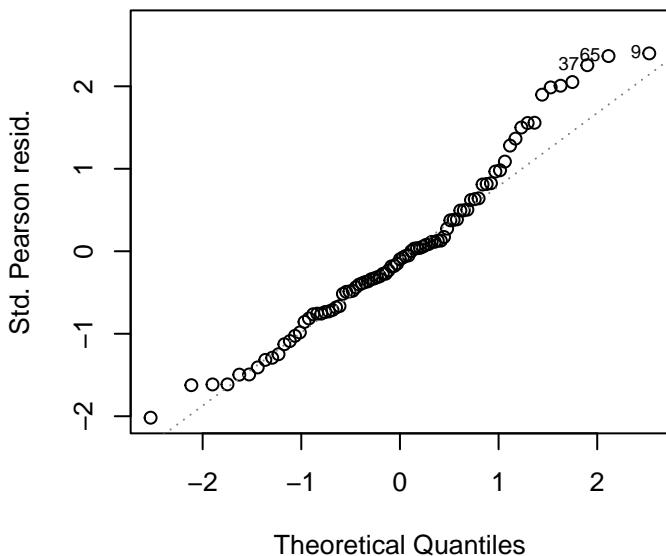


`glm(qEt ~ area + fish + temp + time_convert + 1)`

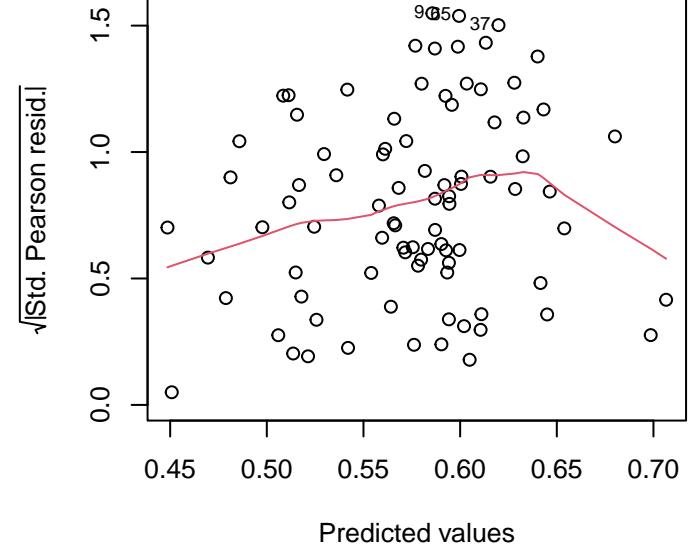
Residuals vs Fitted



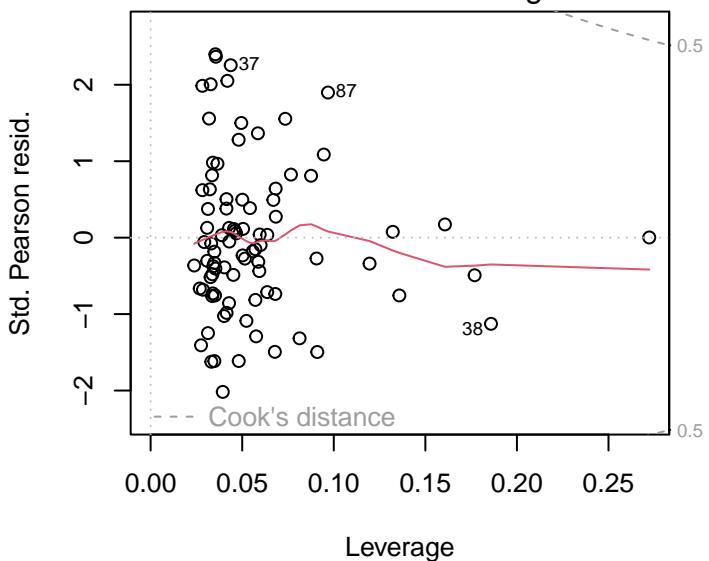
Normal Q-Q



Scale–Location

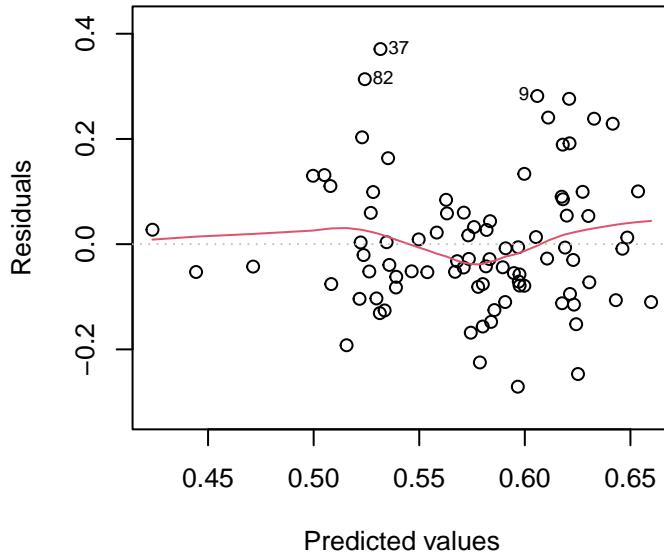


Residuals vs Leverage

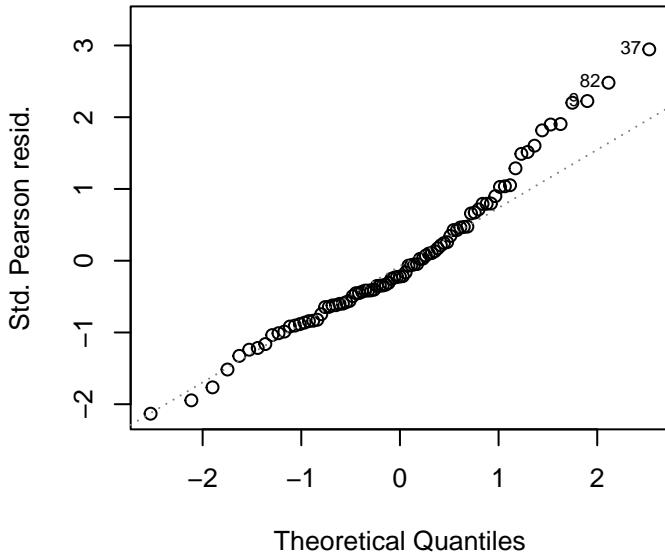


$\text{glm(qEt} \sim \text{area} + \text{fish} + \text{julian\_date} + 1)$

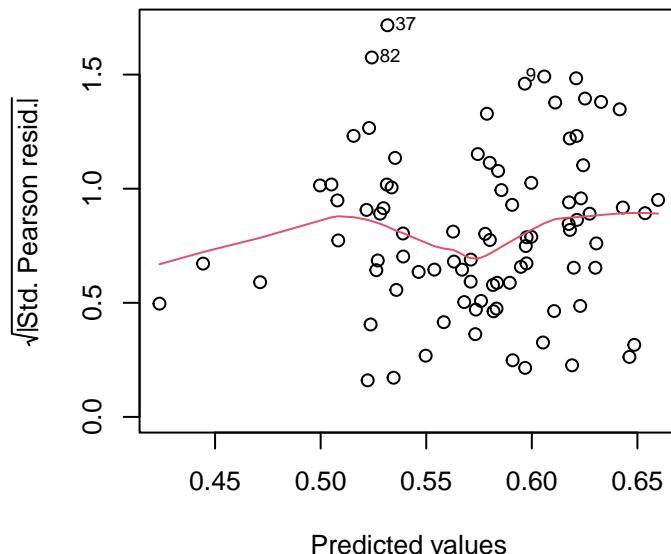
Residuals vs Fitted



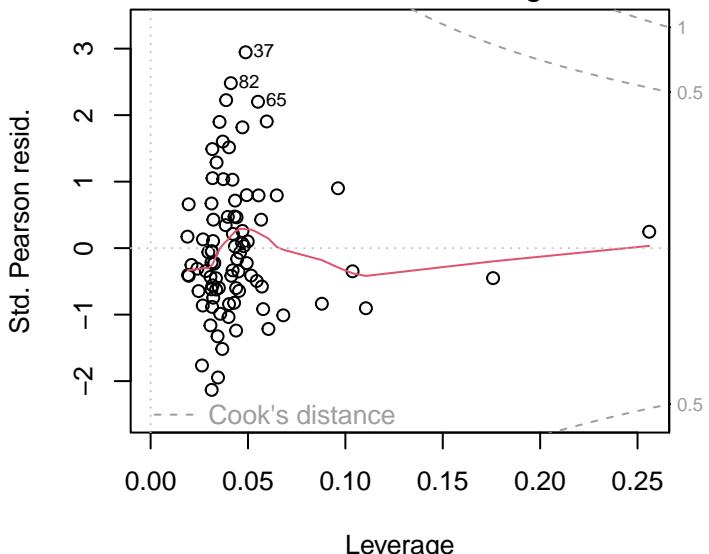
Normal Q–Q



Scale–Location

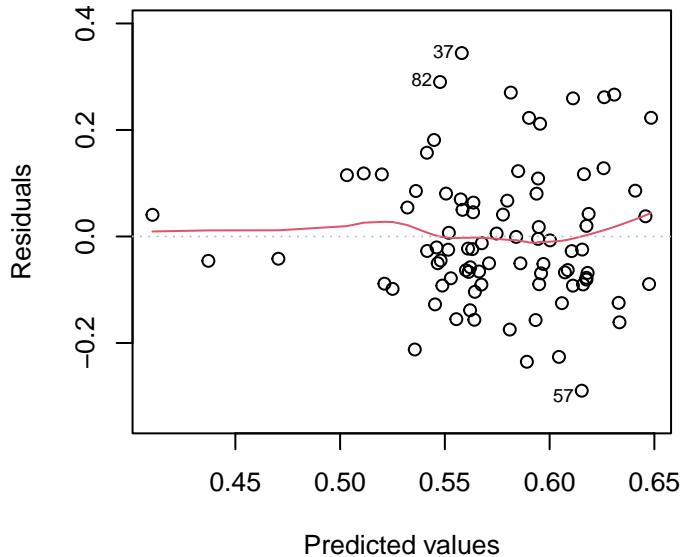


Residuals vs Leverage

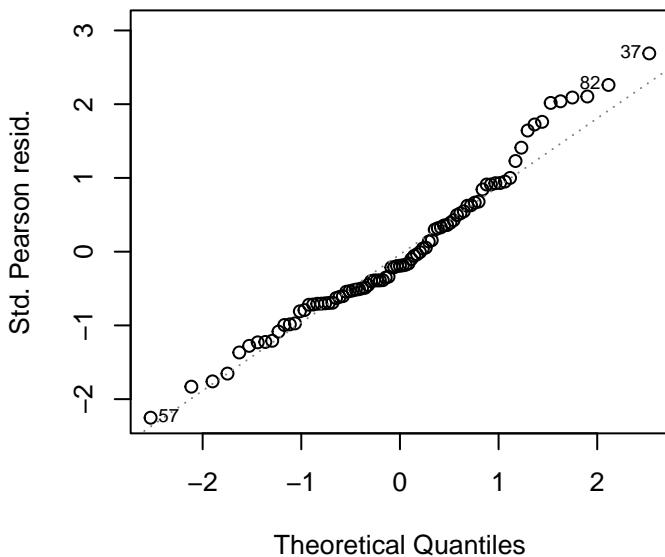


`glm(qEt ~ area + julian_date + 1)`

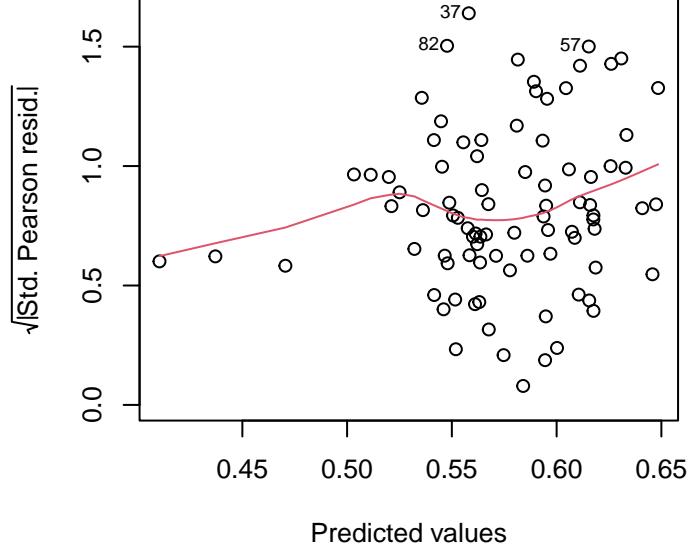
Residuals vs Fitted



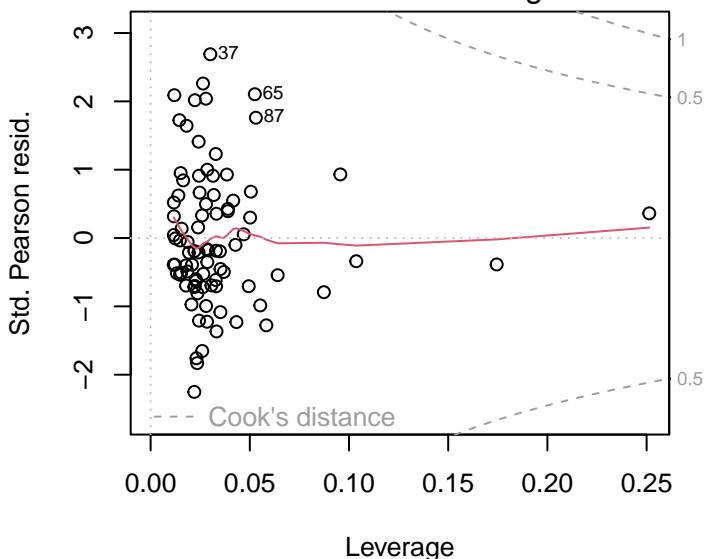
Normal Q-Q



Scale–Location

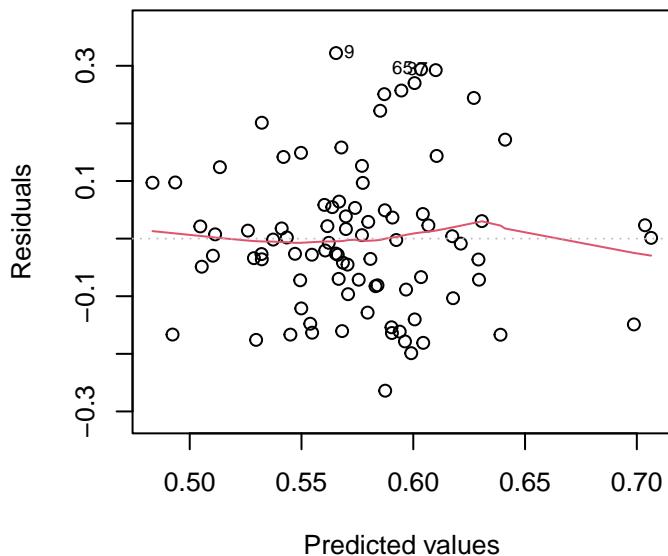


Residuals vs Leverage

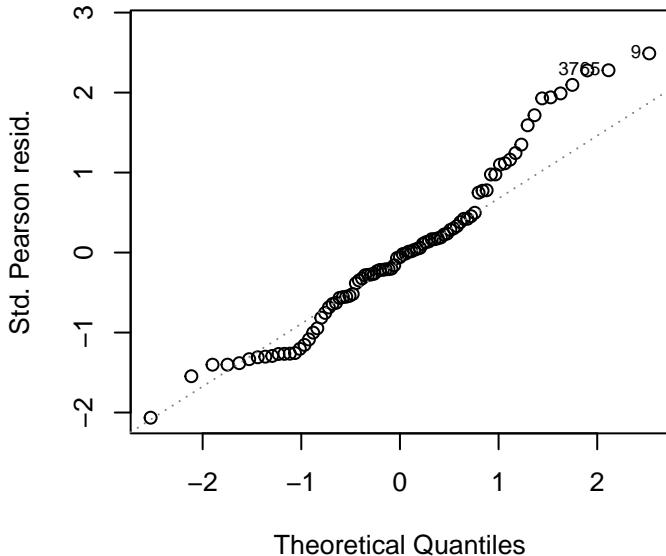


`glm(qEt ~ temp + time_convert + 1)`

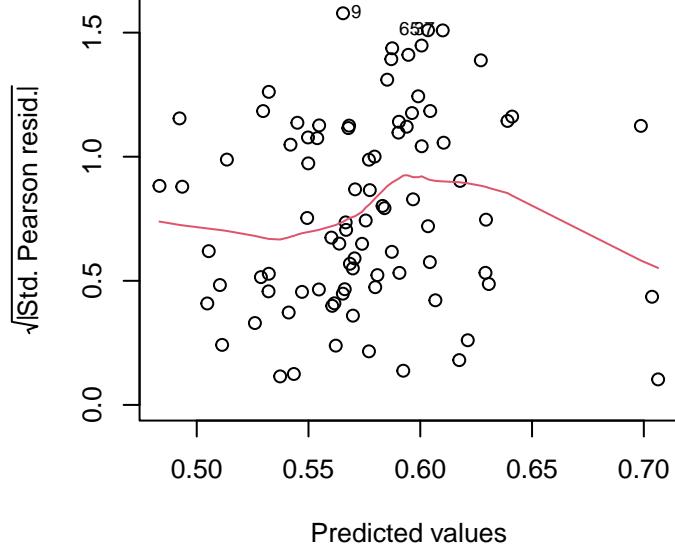
Residuals vs Fitted



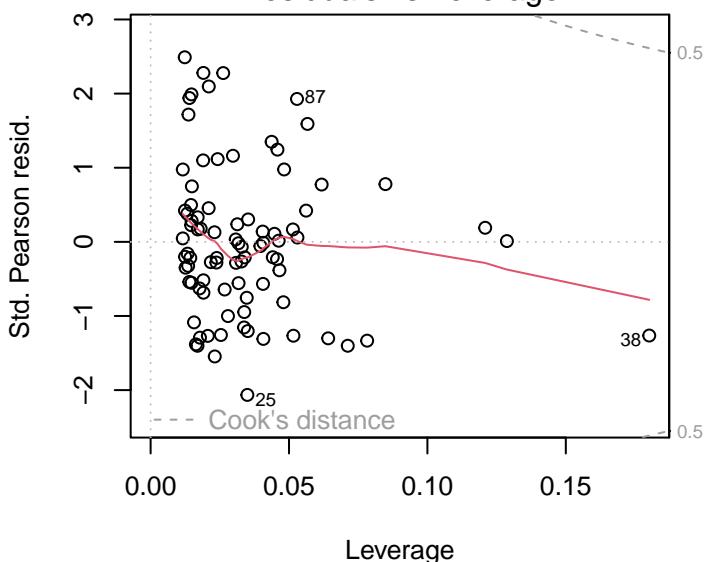
Normal Q–Q



Scale–Location

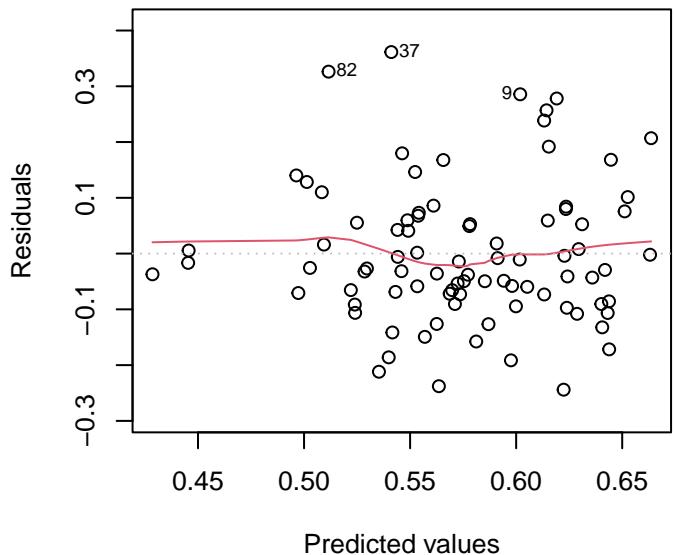


Residuals vs Leverage

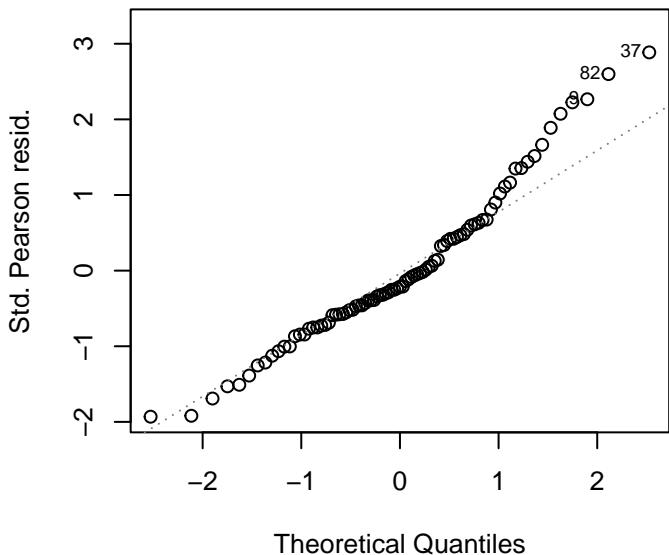


`glm(qEt ~ area + fish + julian_date + time_convert + 1)`

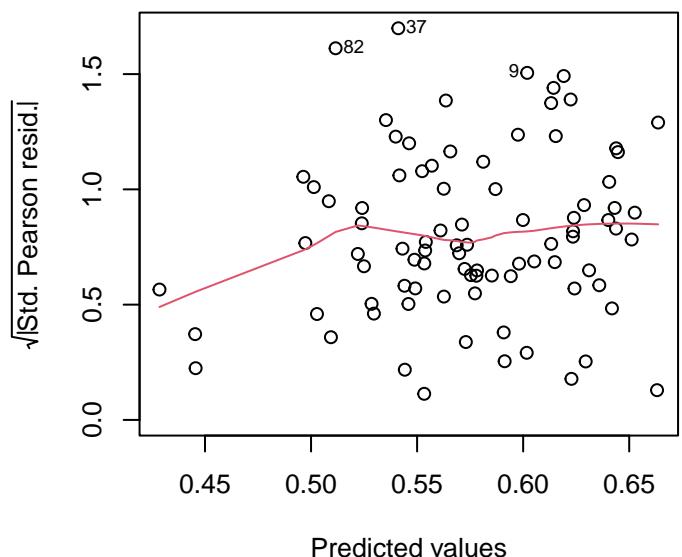
Residuals vs Fitted



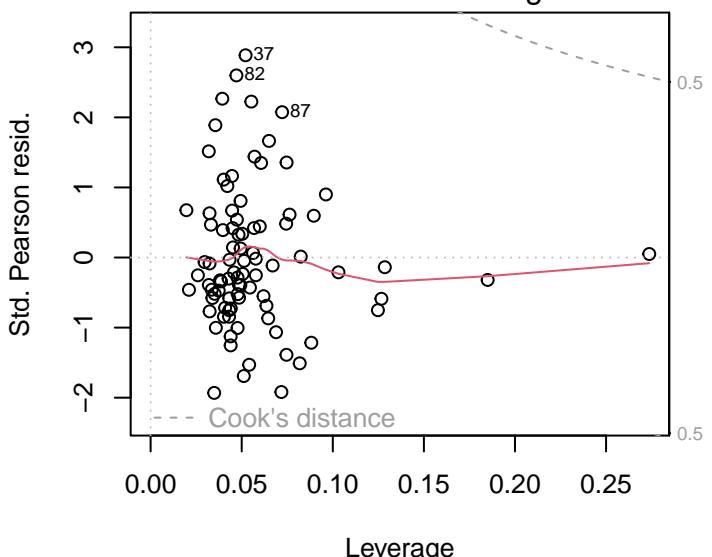
Normal Q-Q



Scale–Location

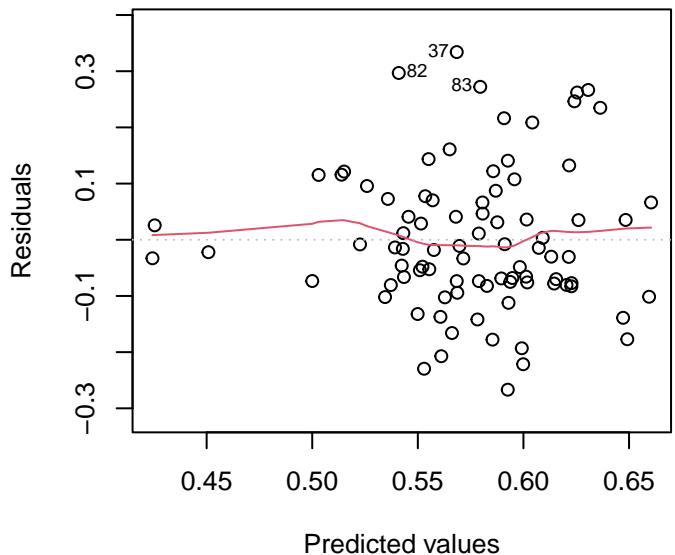


Residuals vs Leverage

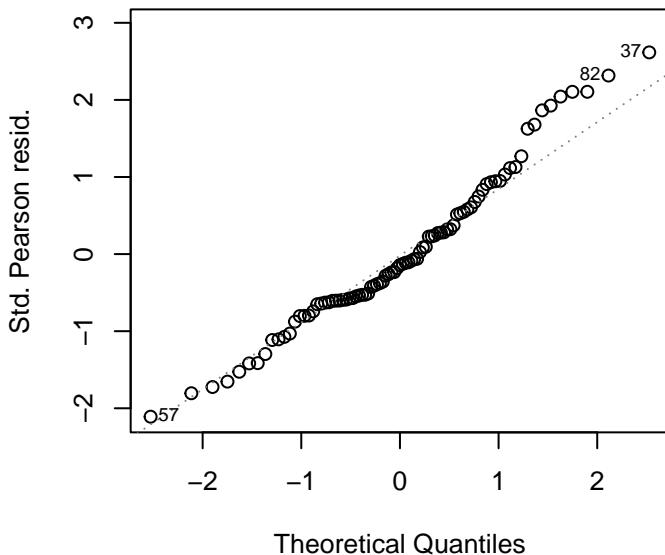


`glm(qEt ~ area + julian_date + time_convert + 1)`

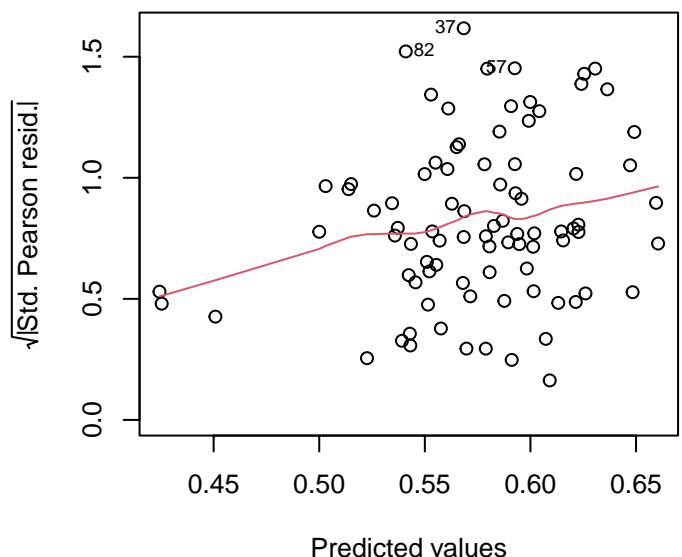
Residuals vs Fitted



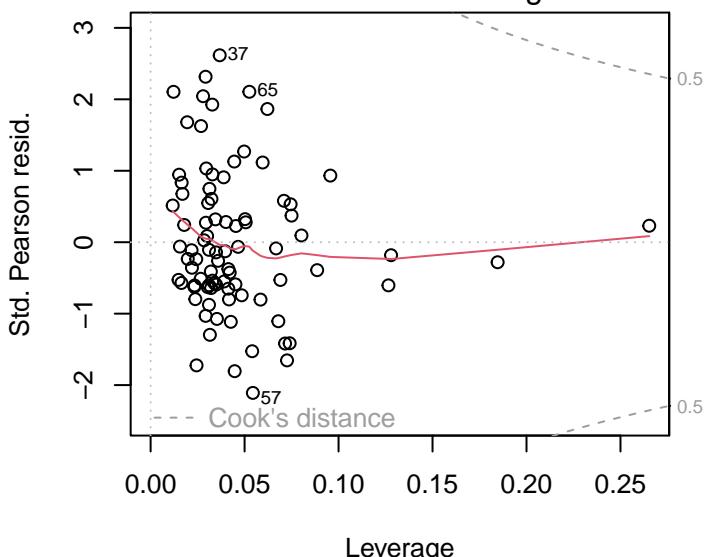
Normal Q-Q



Scale–Location

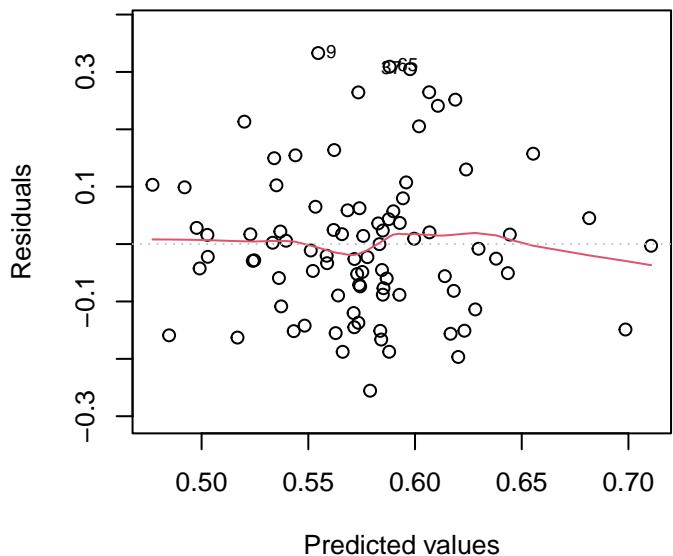


Residuals vs Leverage

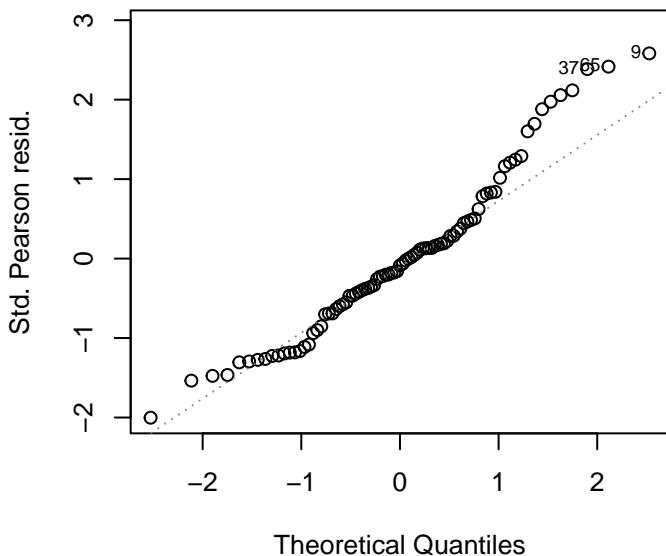


$\text{glm}(qEt \sim \text{fish} + \text{temp} + \text{time\_convert} + 1)$

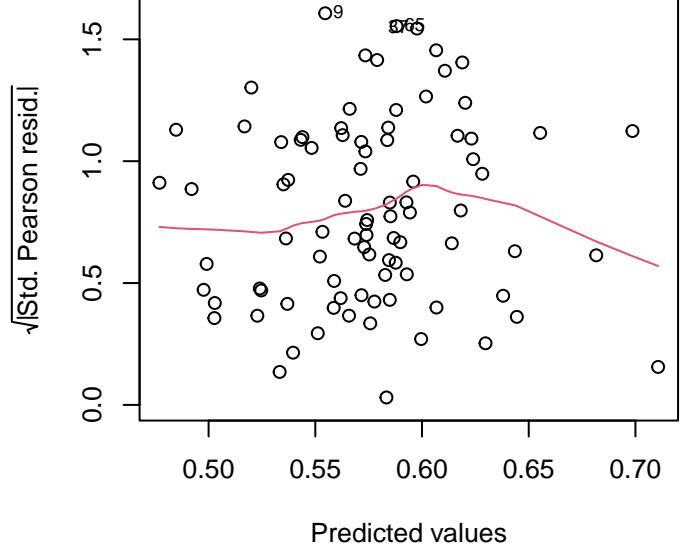
Residuals vs Fitted



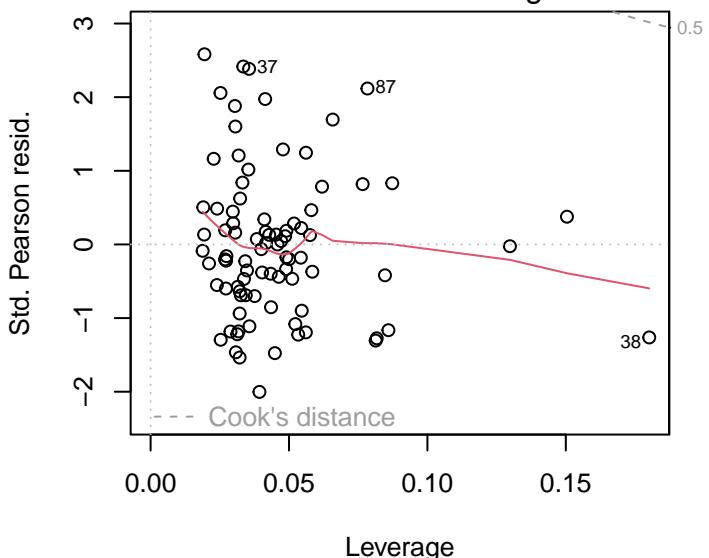
Normal Q–Q



Scale–Location

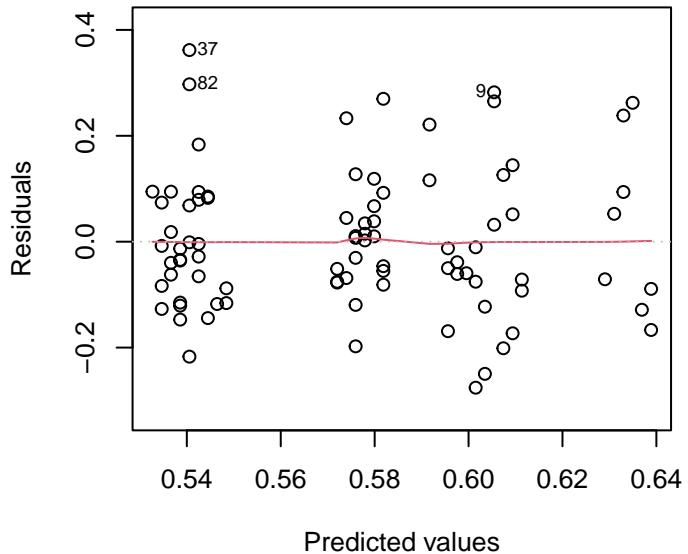


Residuals vs Leverage

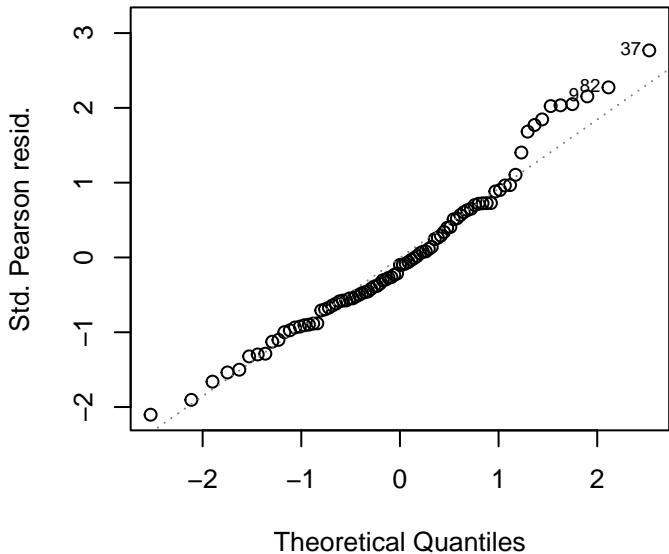


$\text{glm}(qEt \sim \text{julian\_date} + 1)$

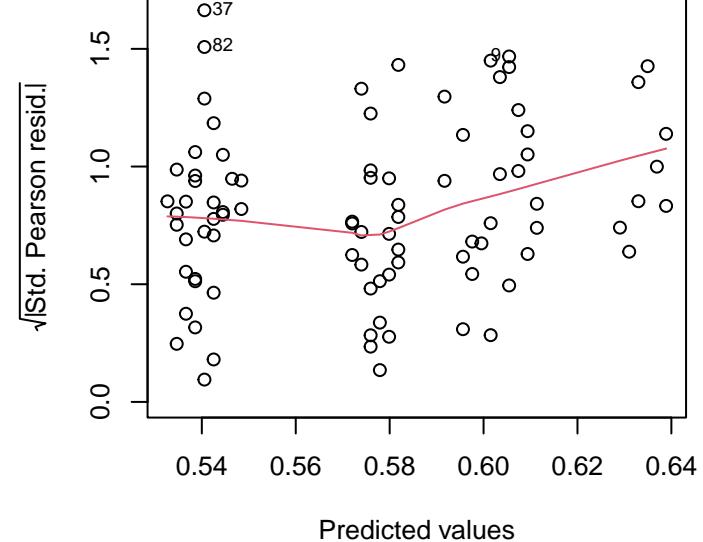
Residuals vs Fitted



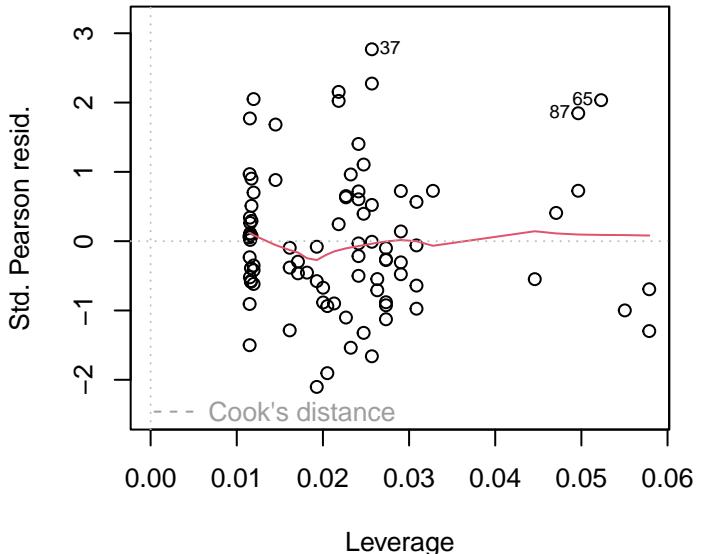
Normal Q-Q



Scale–Location

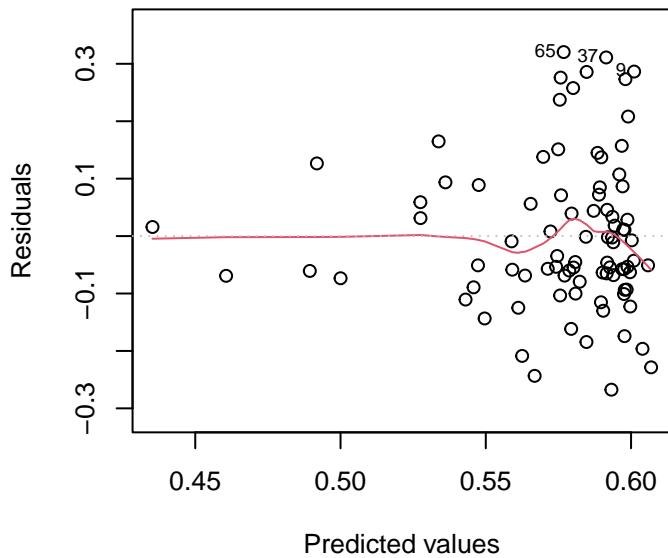


Residuals vs Leverage

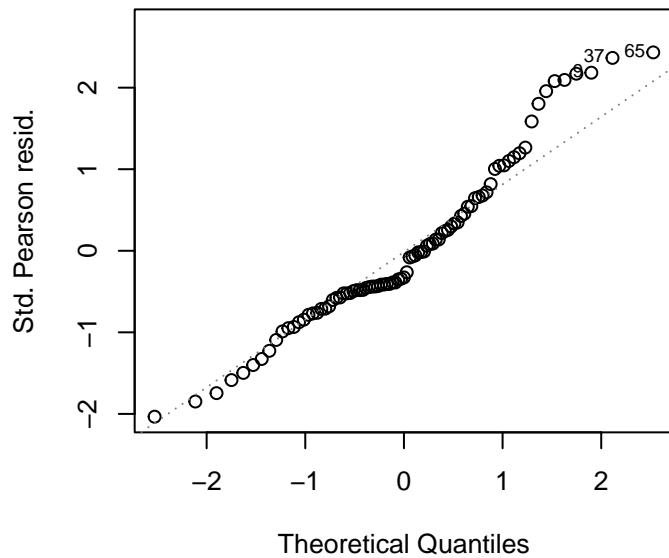


$\text{glm}(q\text{Et} \sim \text{area} + 1)$

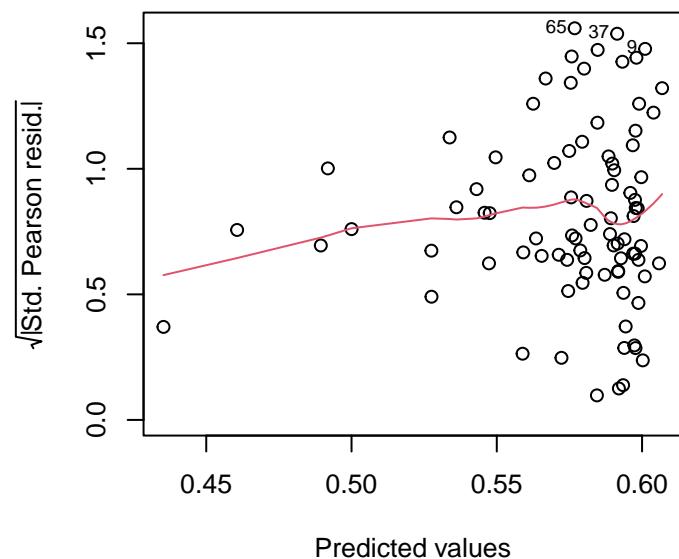
Residuals vs Fitted



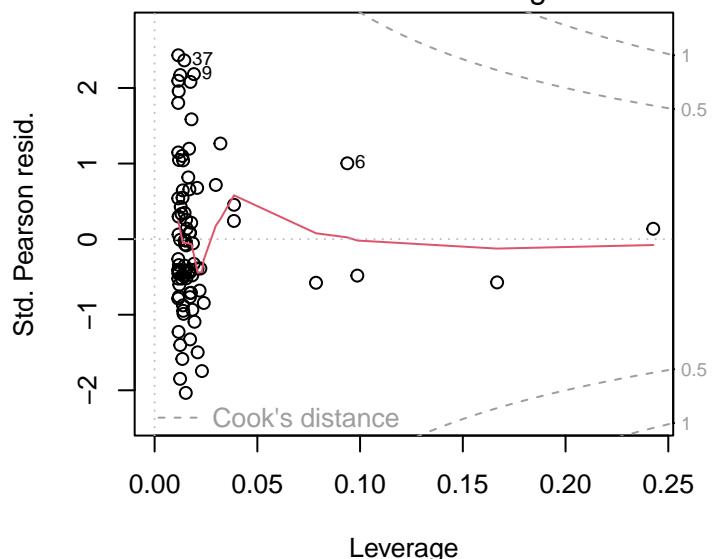
Normal Q–Q



Scale–Location

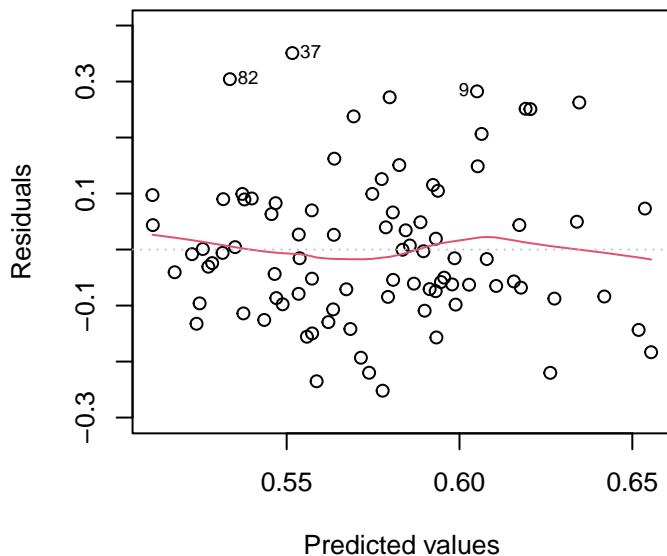


Residuals vs Leverage

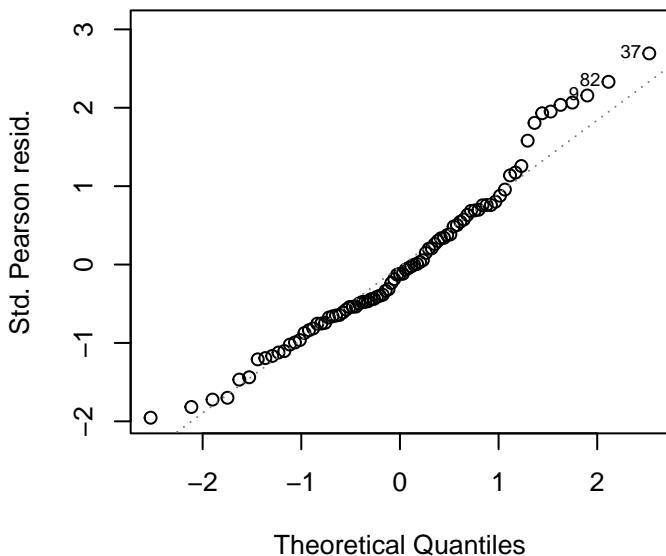


`glm(qEt ~ julian_date + time_convert + 1)`

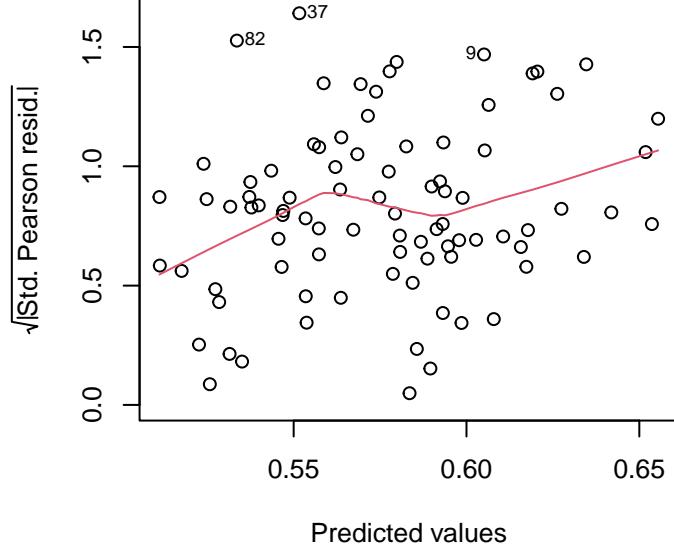
Residuals vs Fitted



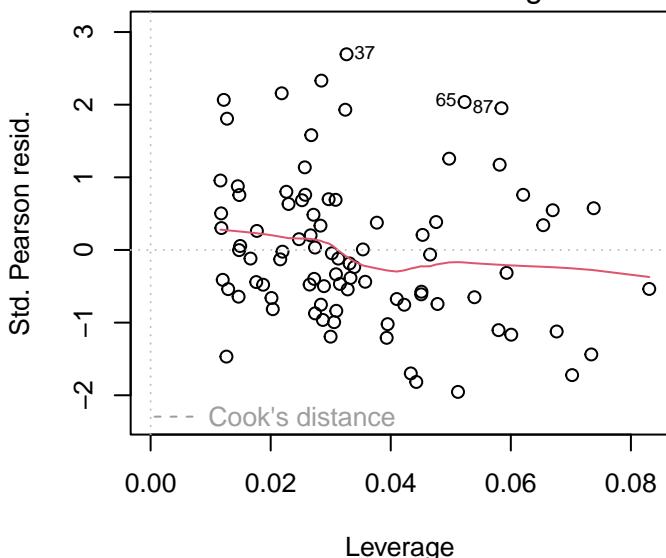
Normal Q–Q



Scale–Location

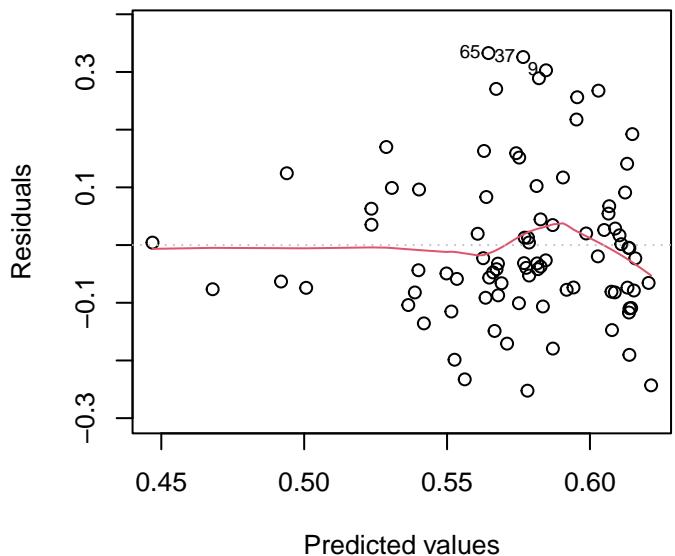


Residuals vs Leverage

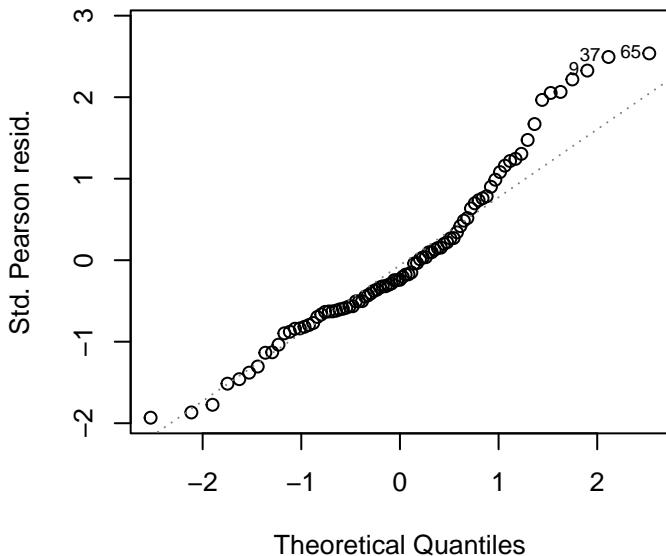


$\text{glm}(qEt \sim \text{area} + \text{fish} + 1)$

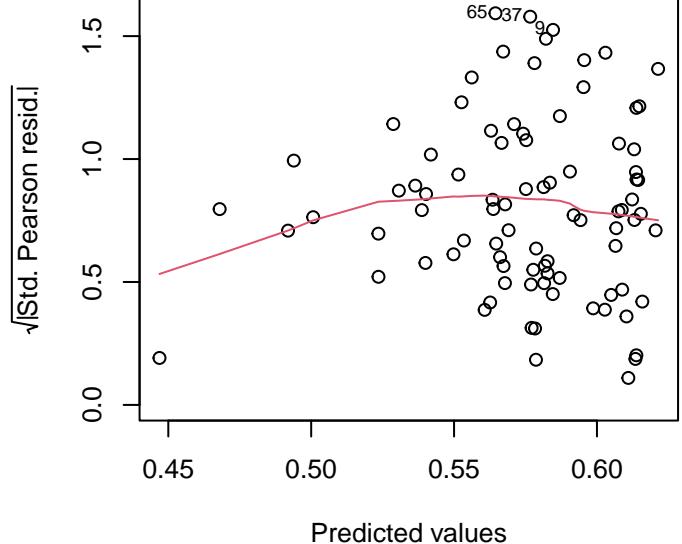
Residuals vs Fitted



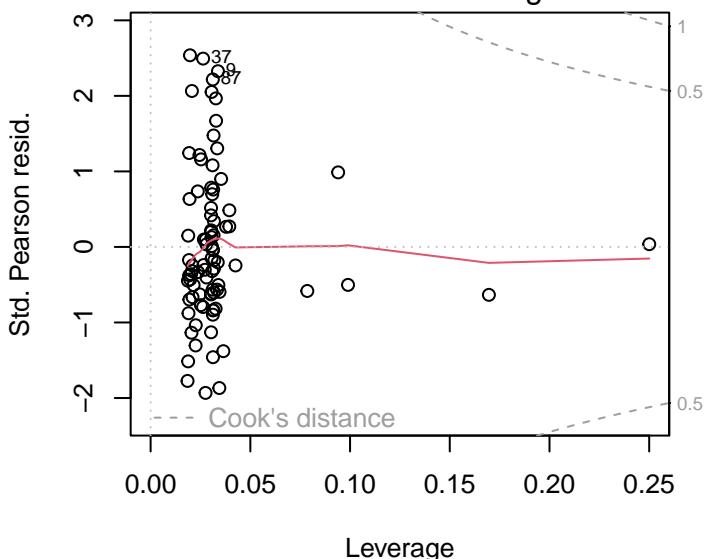
Normal Q–Q



Scale–Location

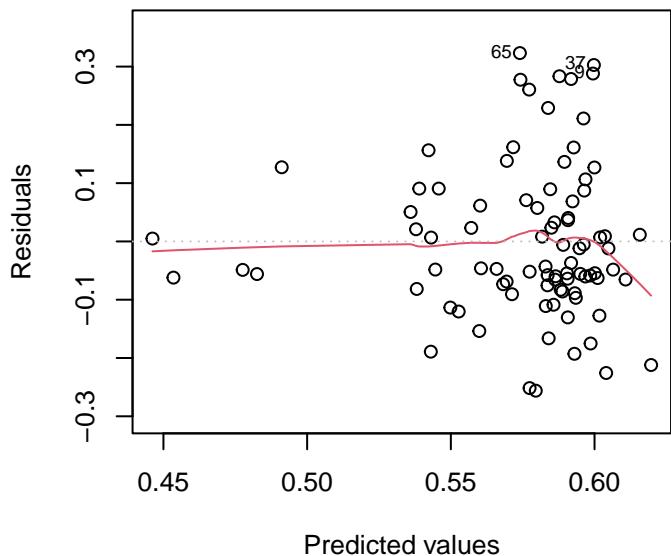


Residuals vs Leverage

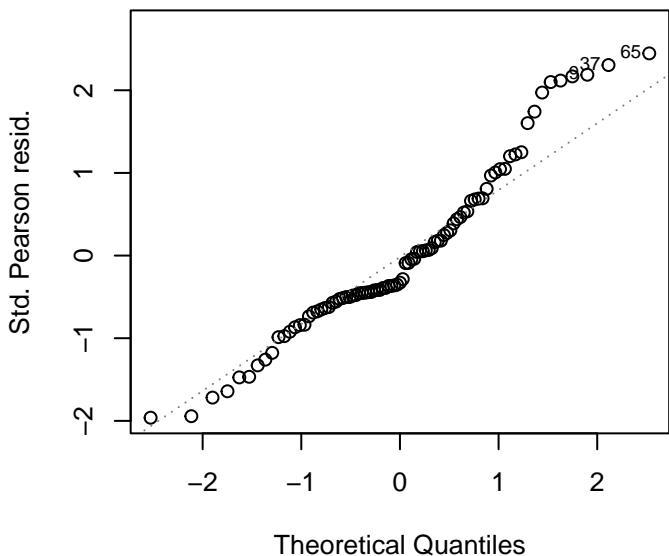


$\text{glm(qEt} \sim \text{area} + \text{time\_convert} + 1)$

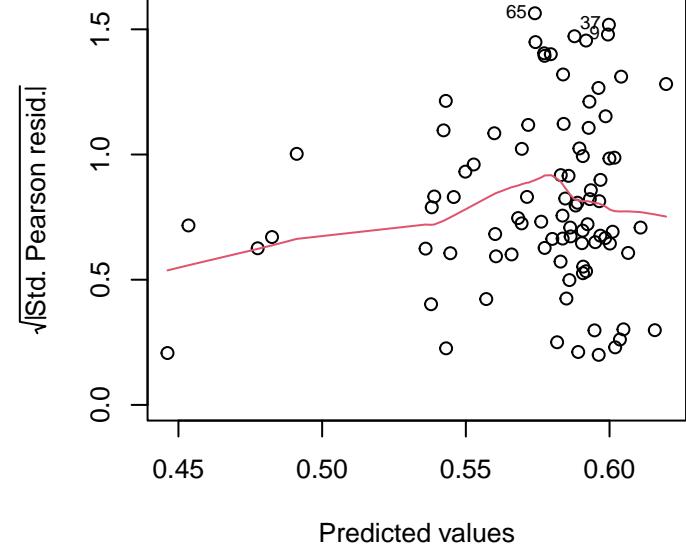
Residuals vs Fitted



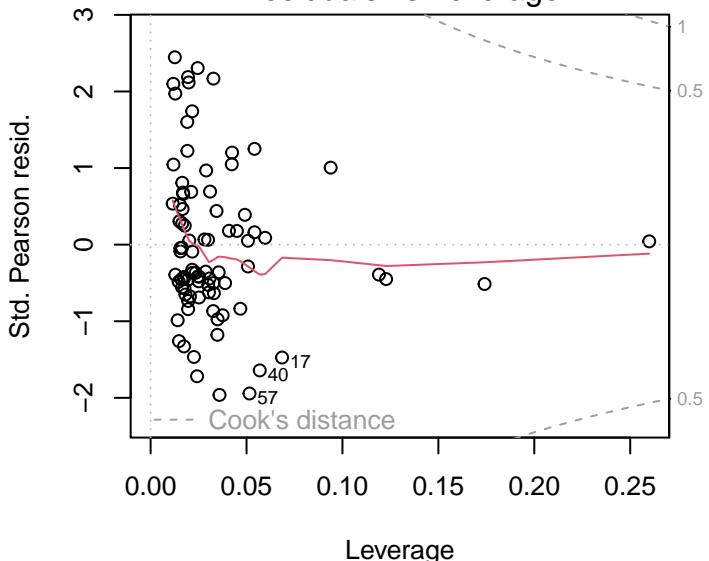
Normal Q–Q



Scale–Location

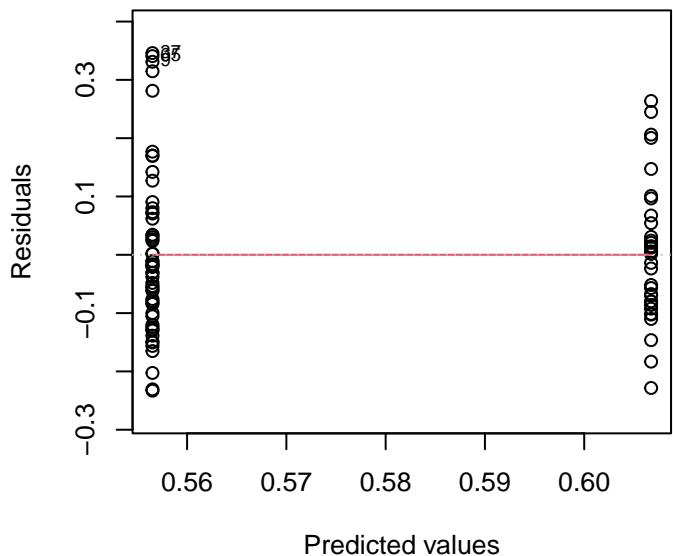


Residuals vs Leverage

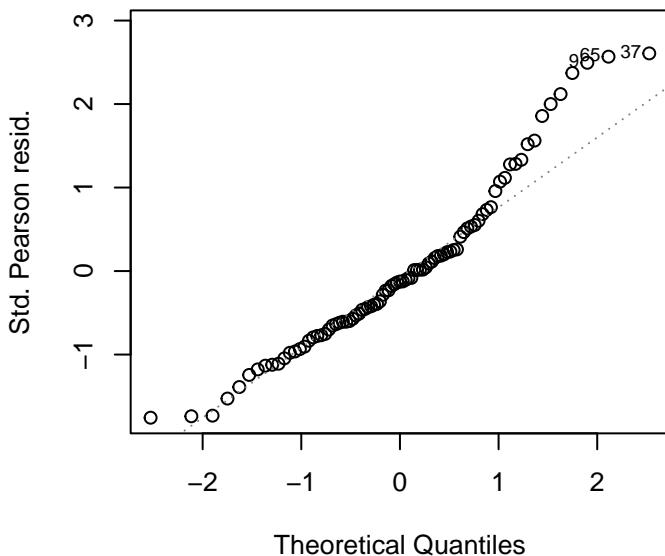


$\text{glm(qEt} \sim \text{fish} + 1)$

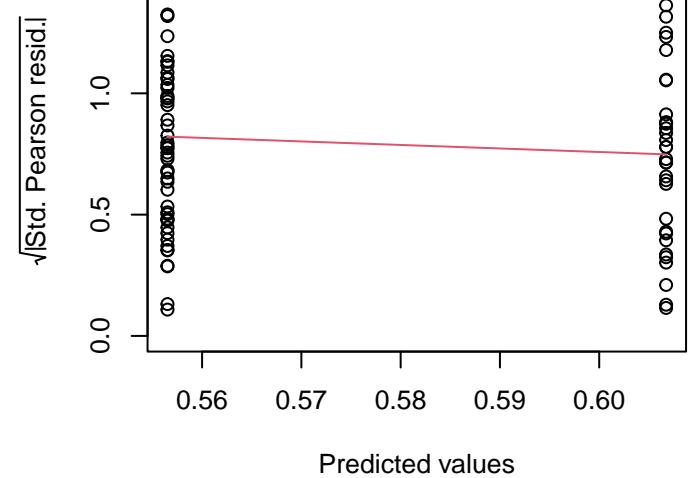
Residuals vs Fitted



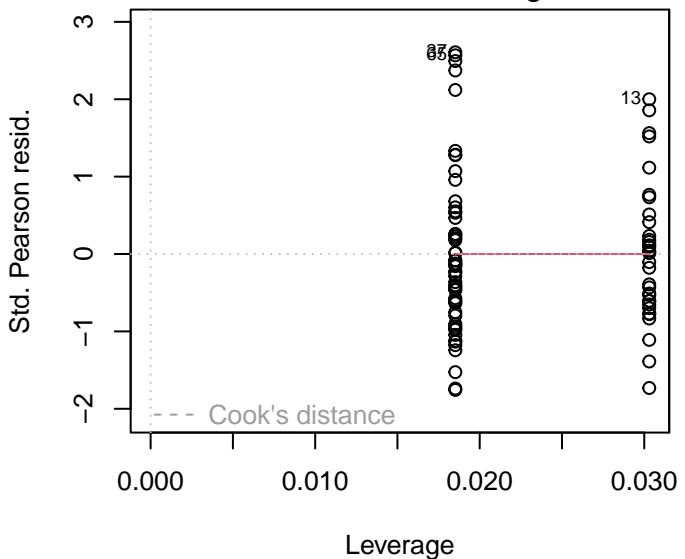
Normal Q-Q



Scale–Location

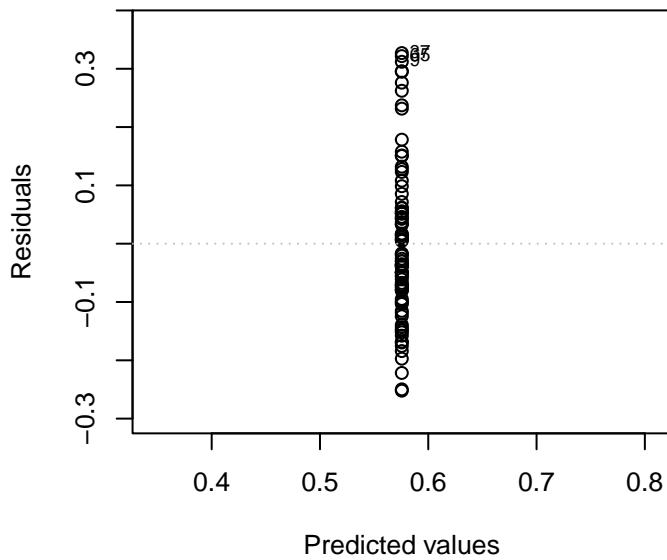


Residuals vs Leverage

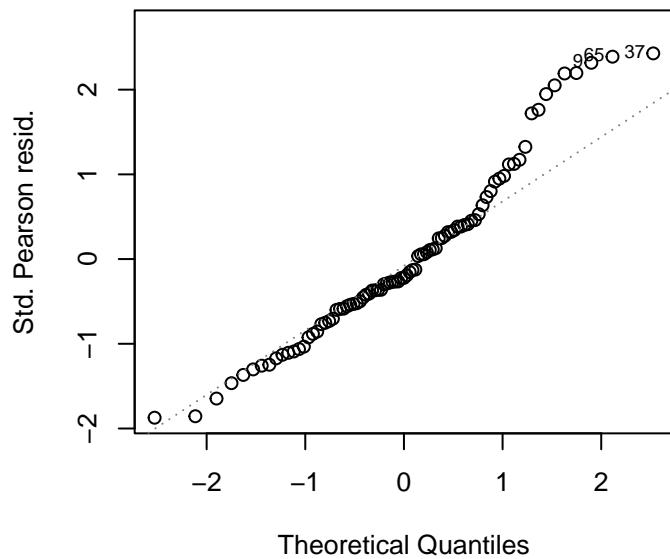


$glm(qEt \sim 1)$

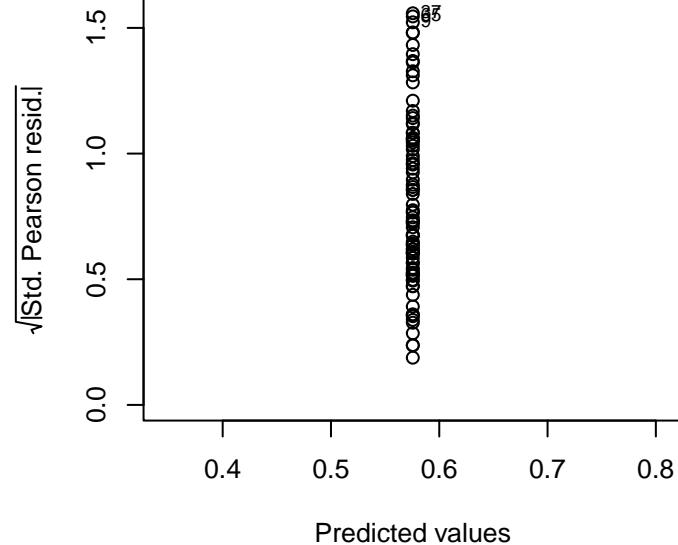
Residuals vs Fitted



Normal Q-Q

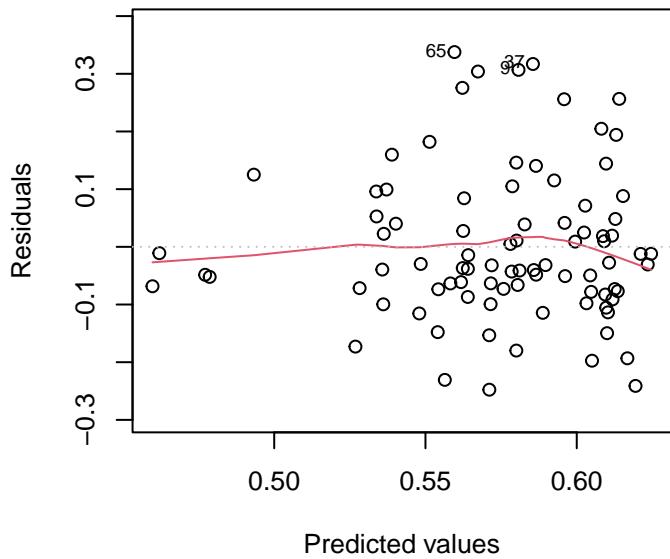


Scale–Location

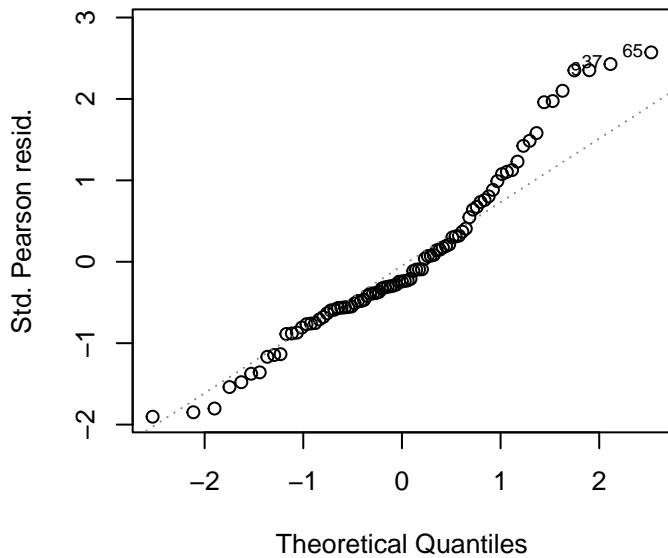


`glm(qEt ~ area + fish + time_convert + 1)`

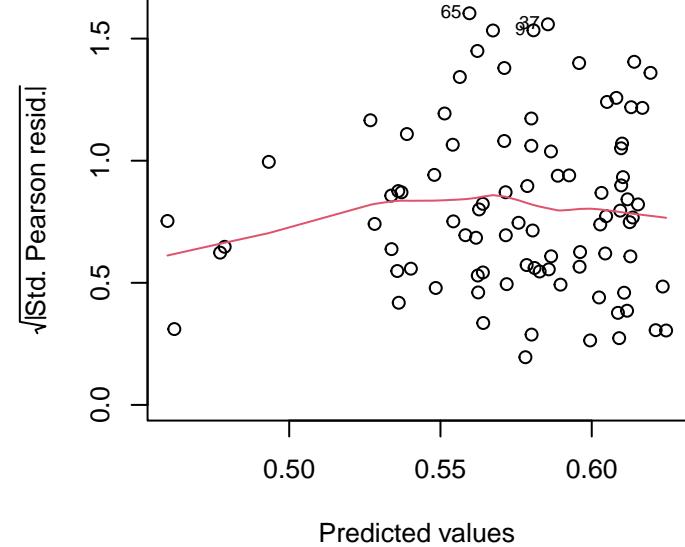
Residuals vs Fitted



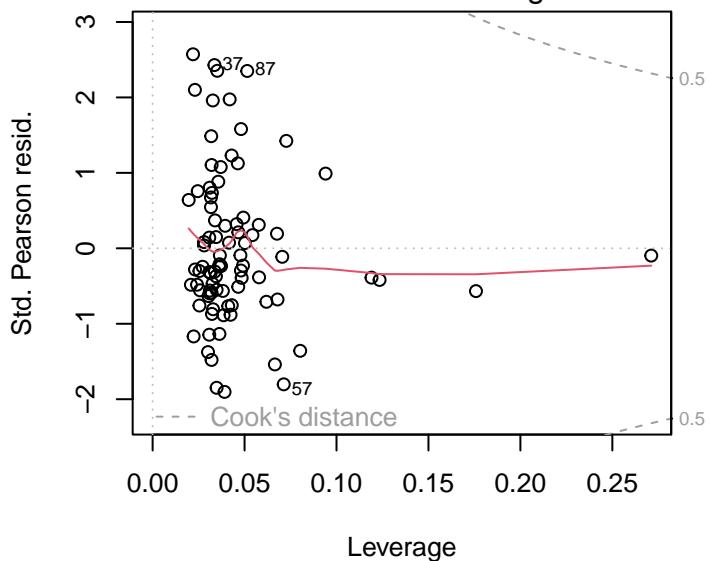
Normal Q–Q



Scale–Location

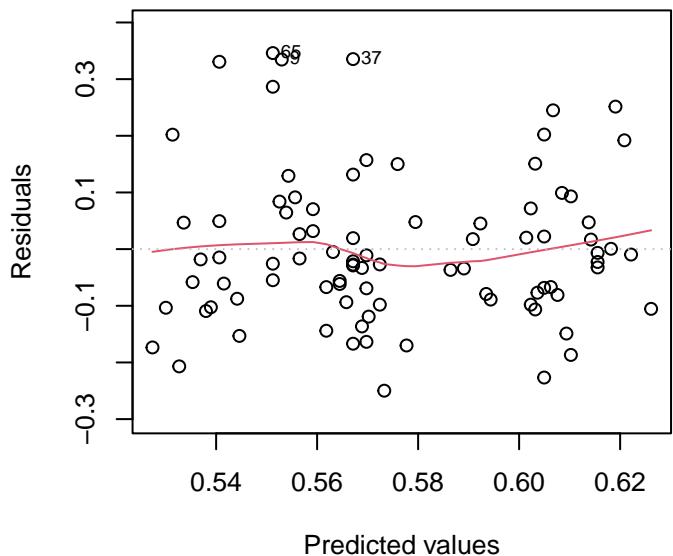


Residuals vs Leverage

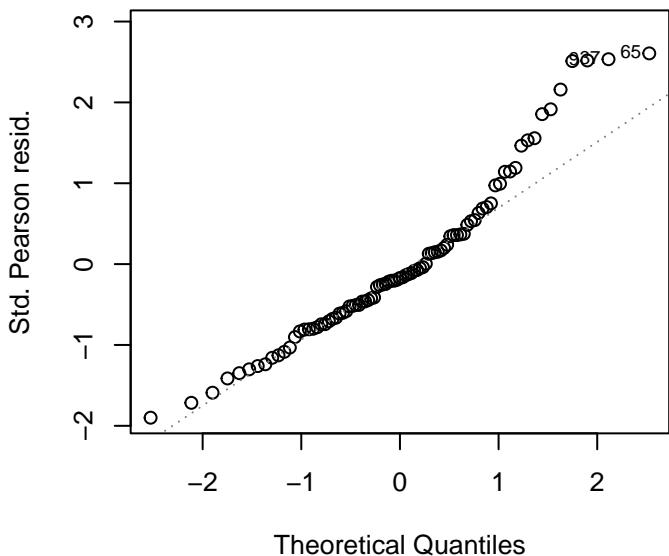


`glm(qEt ~ fish + time_convert + 1)`

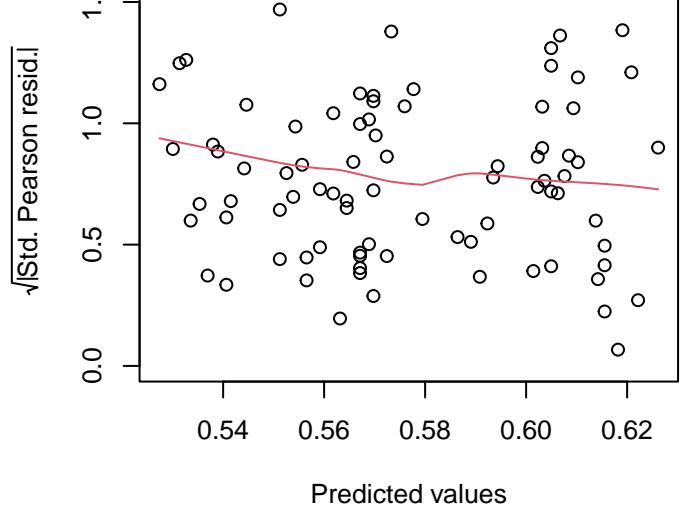
Residuals vs Fitted



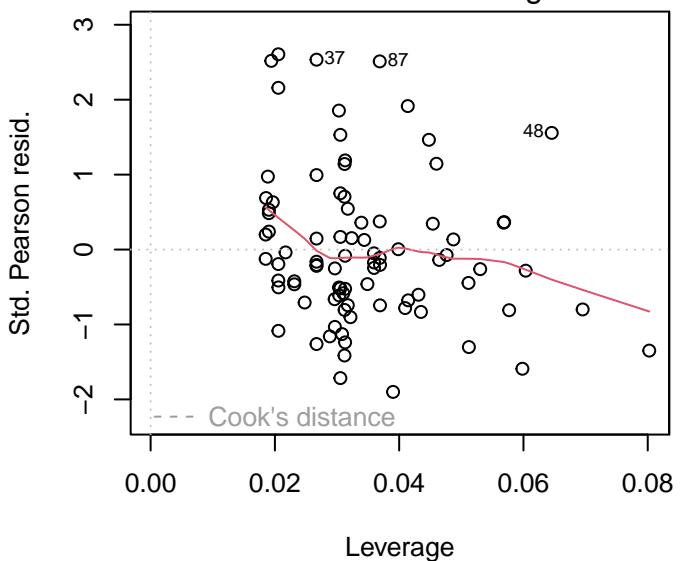
Normal Q-Q



Scale–Location

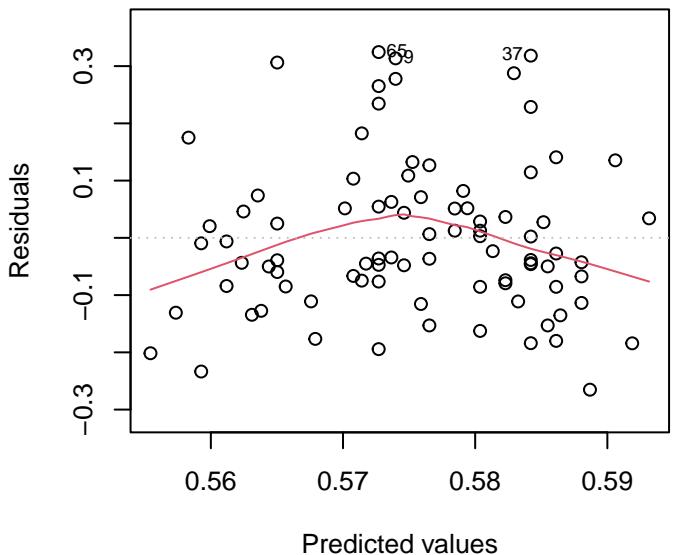


Residuals vs Leverage

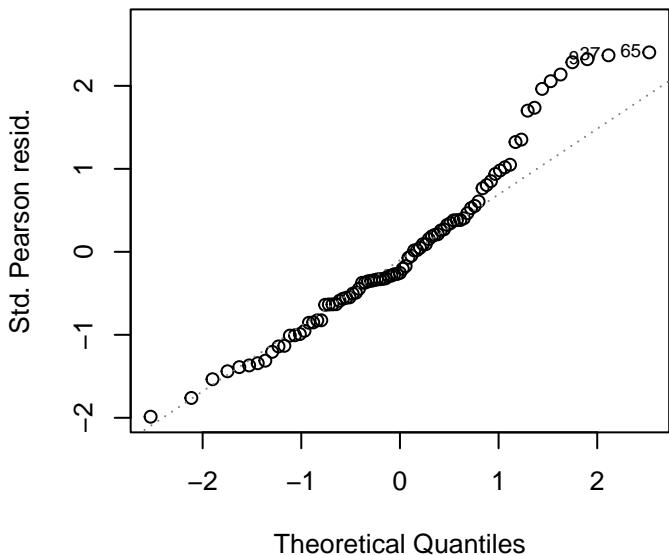


$\text{glm}(qEt \sim \text{time\_convert} + 1)$

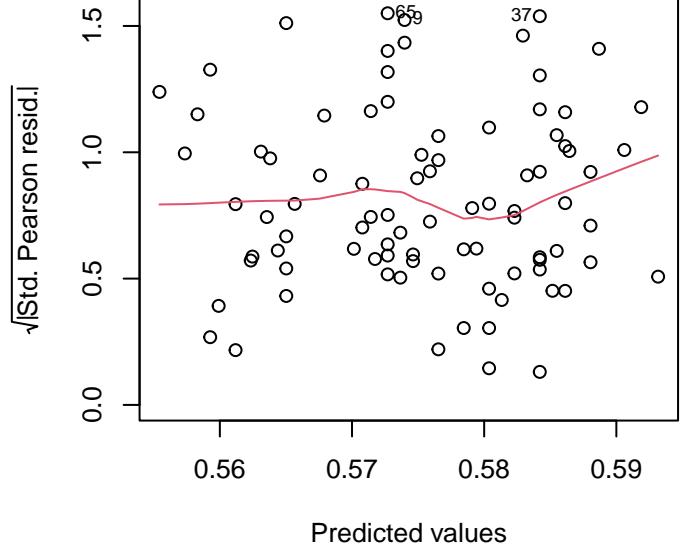
Residuals vs Fitted



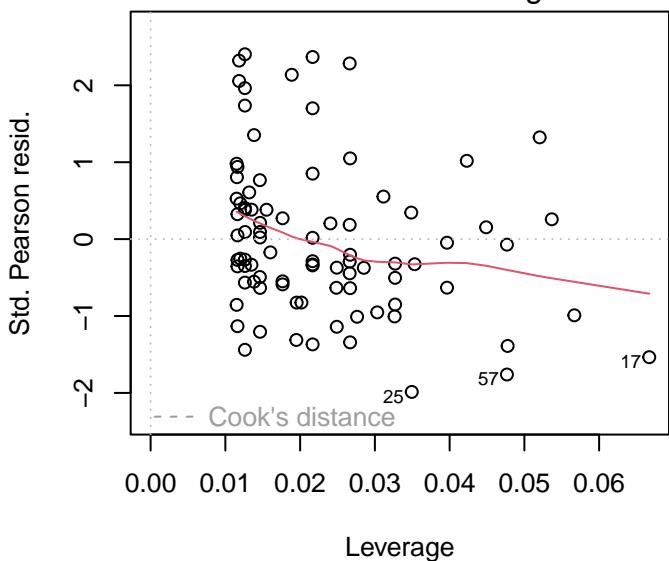
Normal Q–Q



Scale–Location

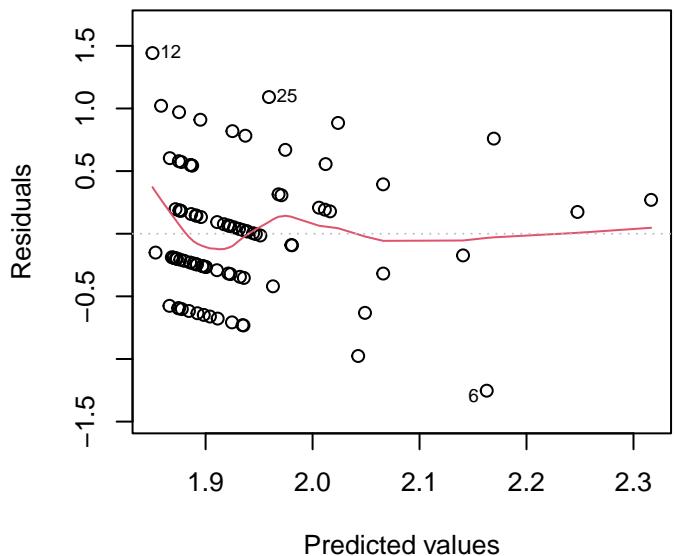


Residuals vs Leverage

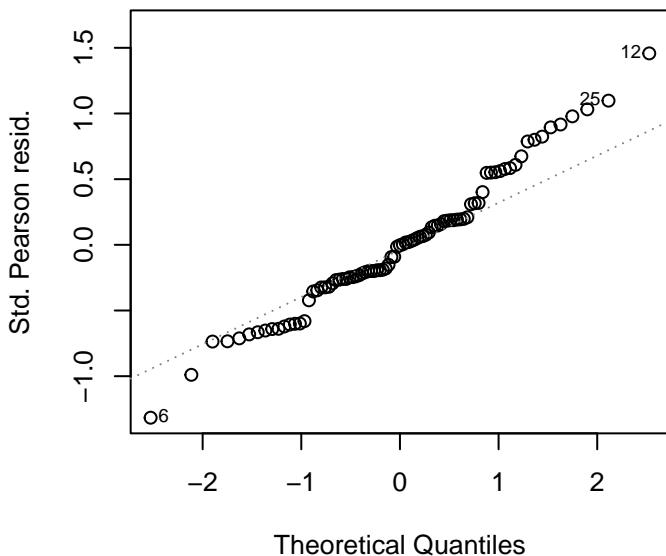


`glm(nsp ~ area + 1)`

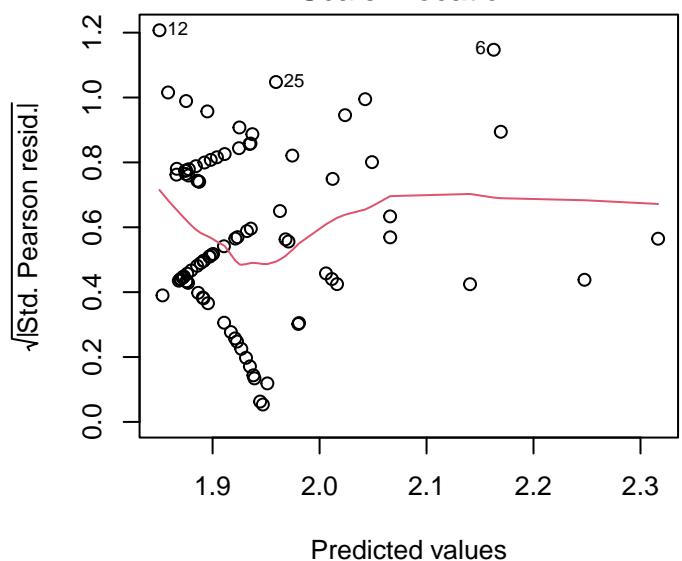
Residuals vs Fitted



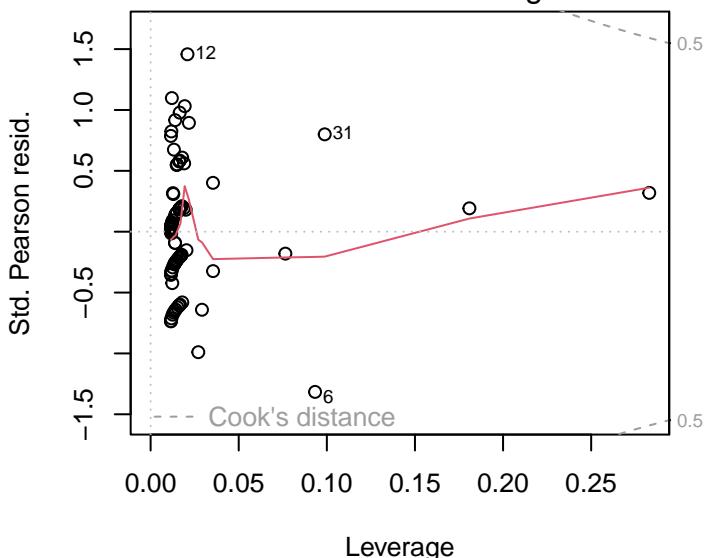
Normal Q-Q



Scale–Location

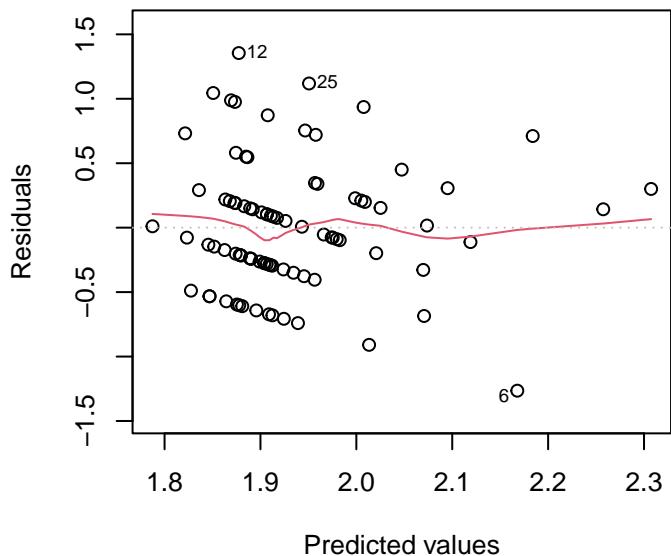


Residuals vs Leverage

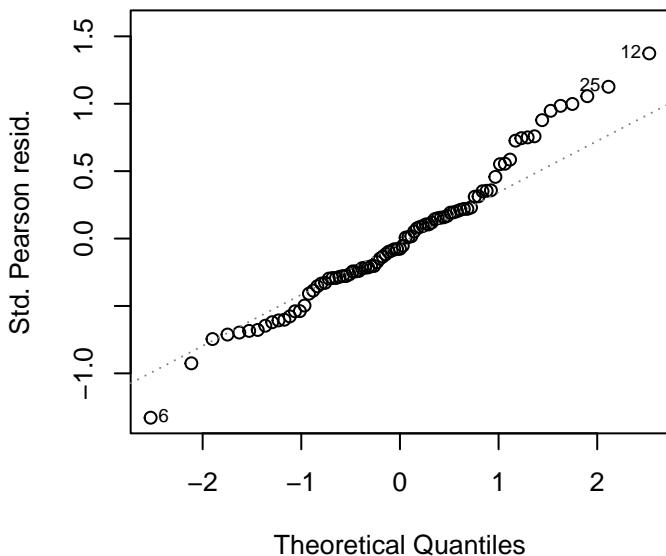


$\text{glm}(\text{nsp} \sim \text{area} + \text{temp} + 1)$

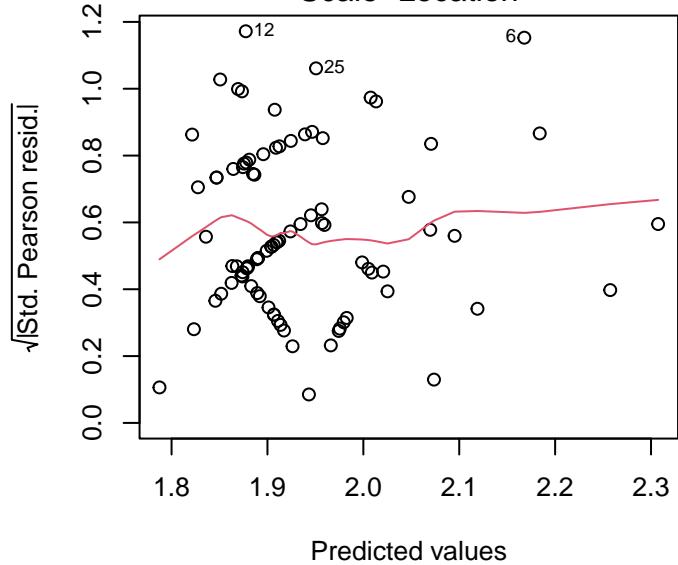
Residuals vs Fitted



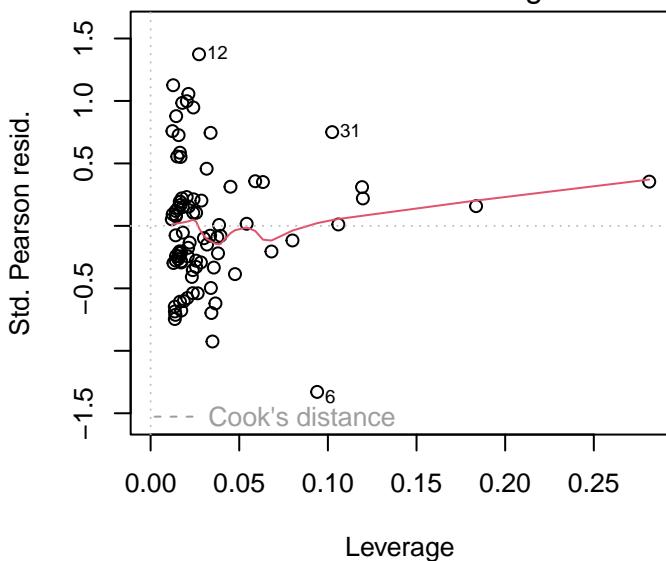
Normal Q-Q



Scale–Location

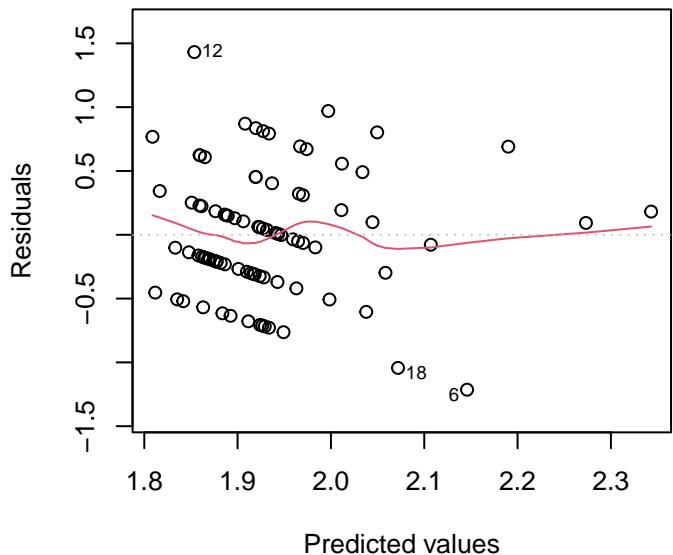


Residuals vs Leverage

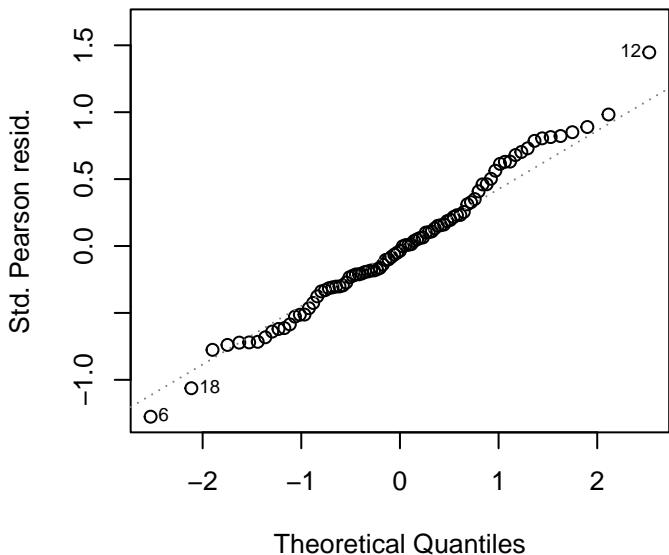


`glm(nsp ~ area + julian_date + 1)`

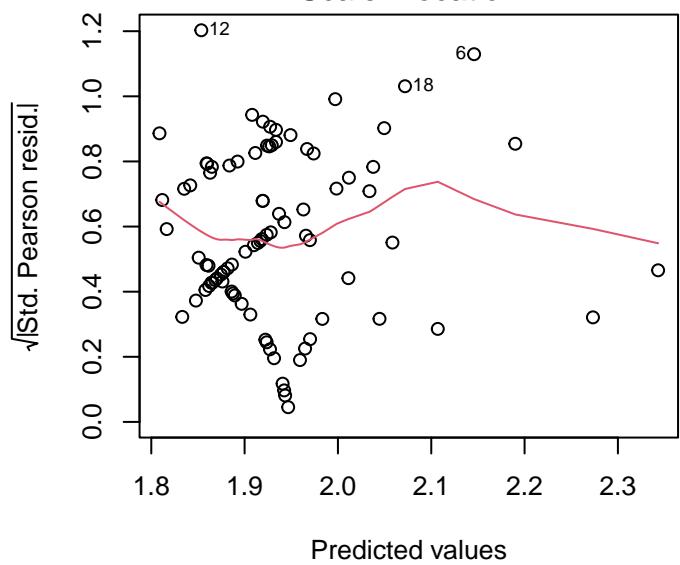
Residuals vs Fitted



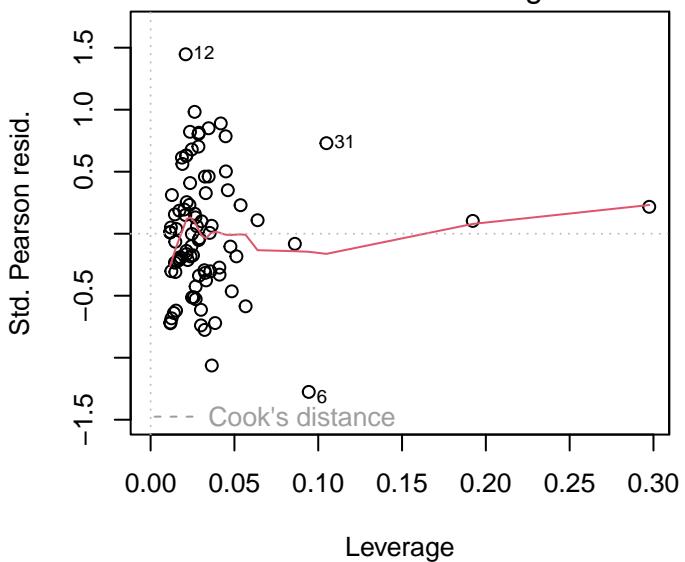
Normal Q-Q



Scale–Location

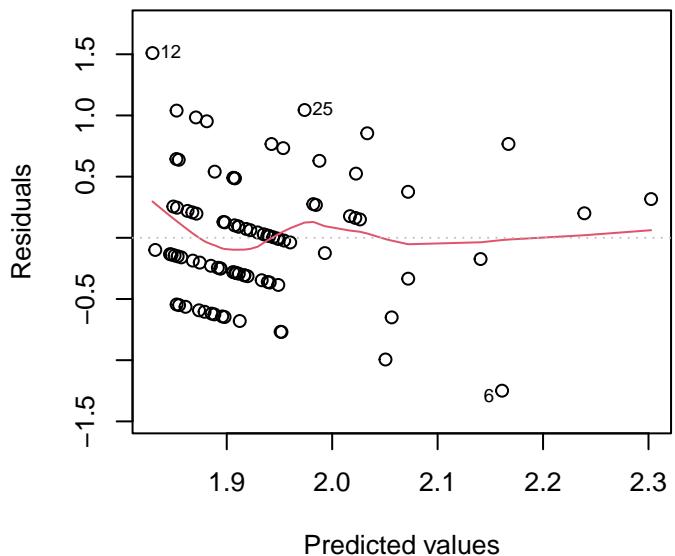


Residuals vs Leverage

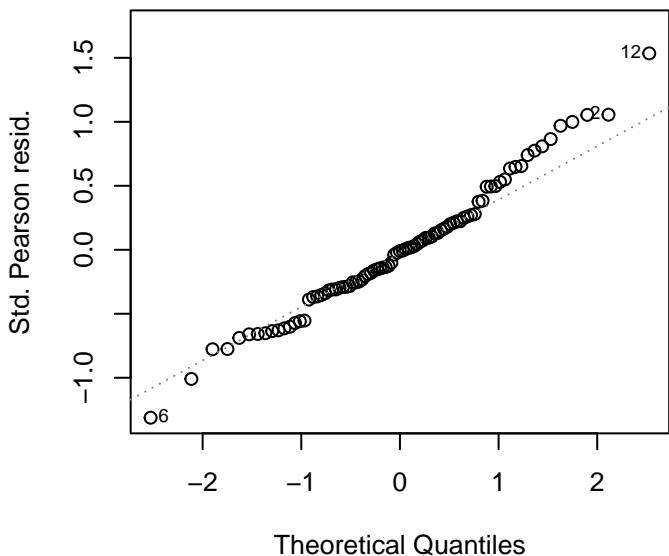


`glm(nsp ~ area + fish + 1)`

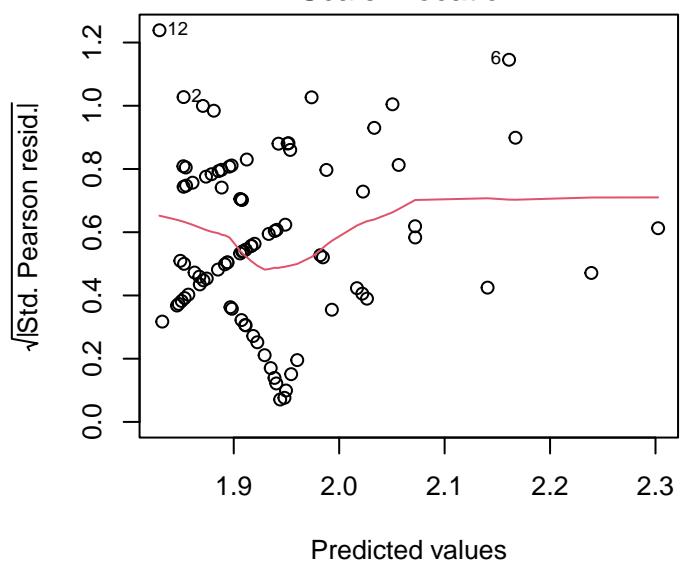
Residuals vs Fitted



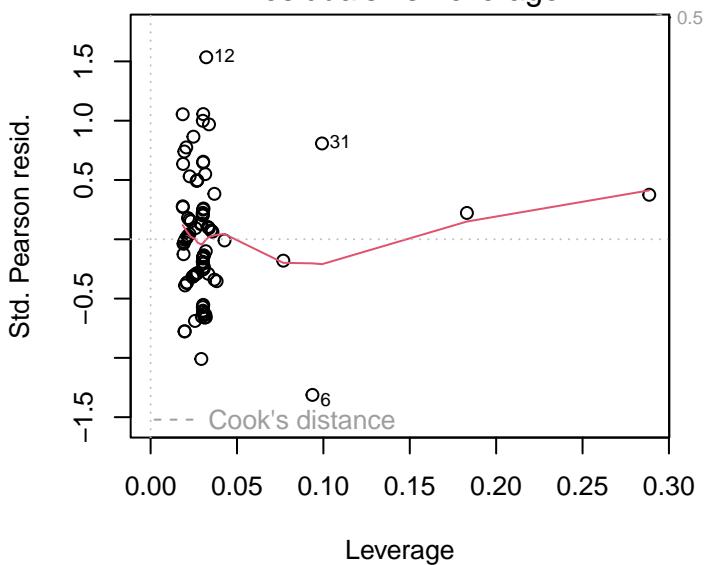
Normal Q-Q



Scale–Location

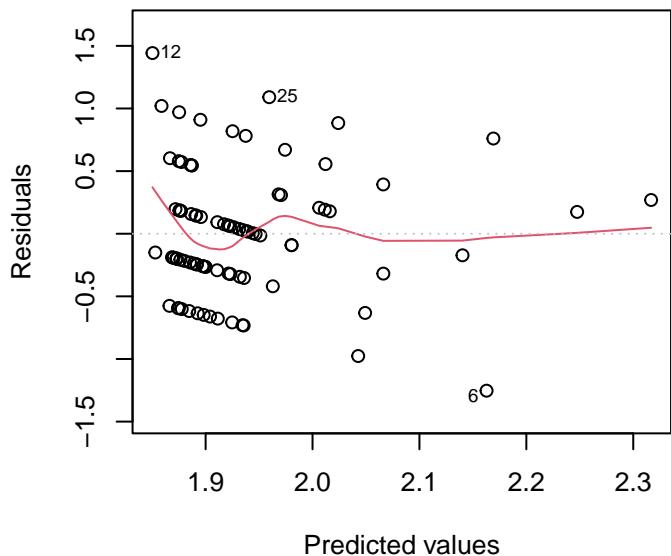


Residuals vs Leverage

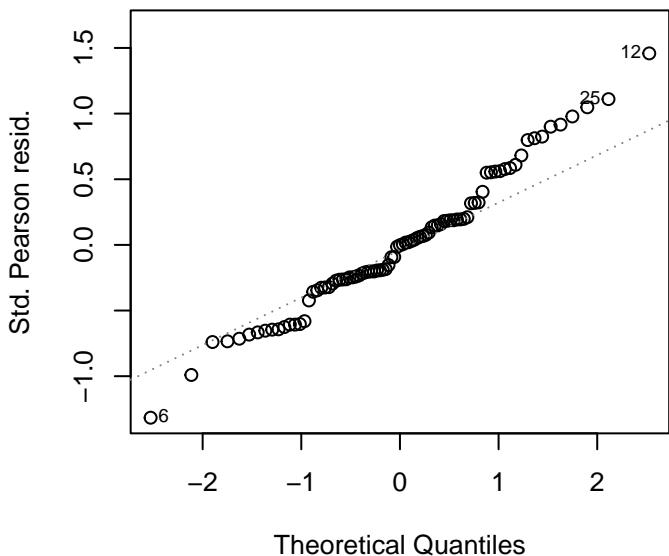


`glm(nsp ~ area + time_convert + 1)`

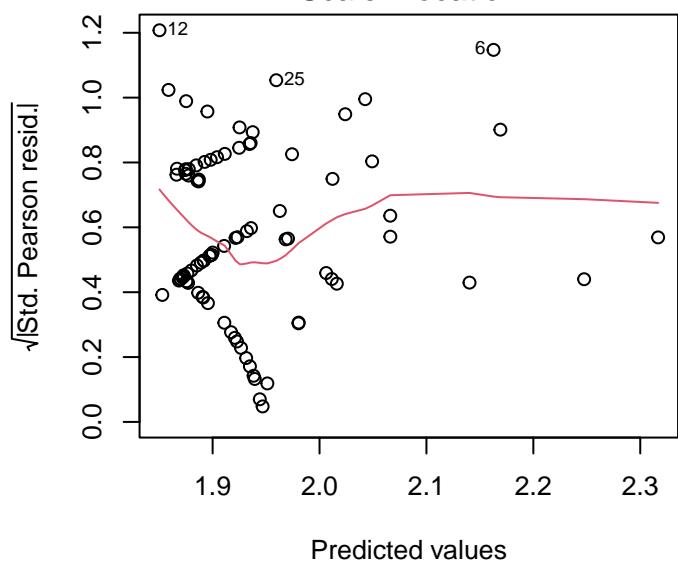
Residuals vs Fitted



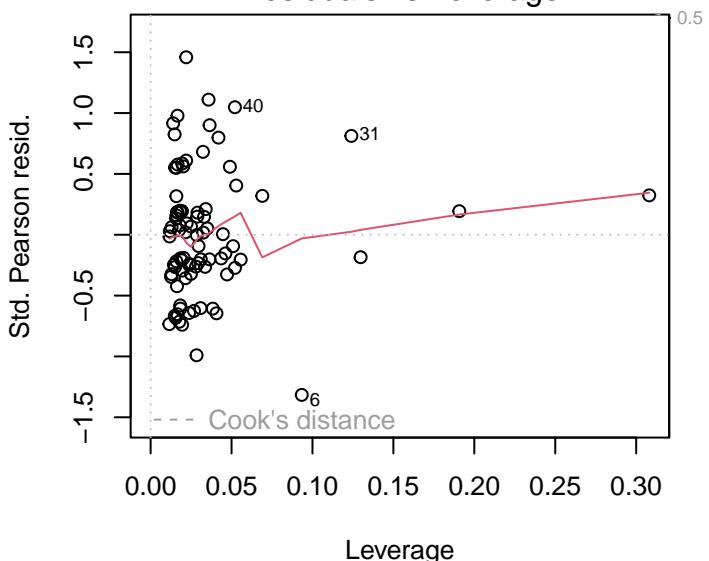
Normal Q-Q



Scale–Location

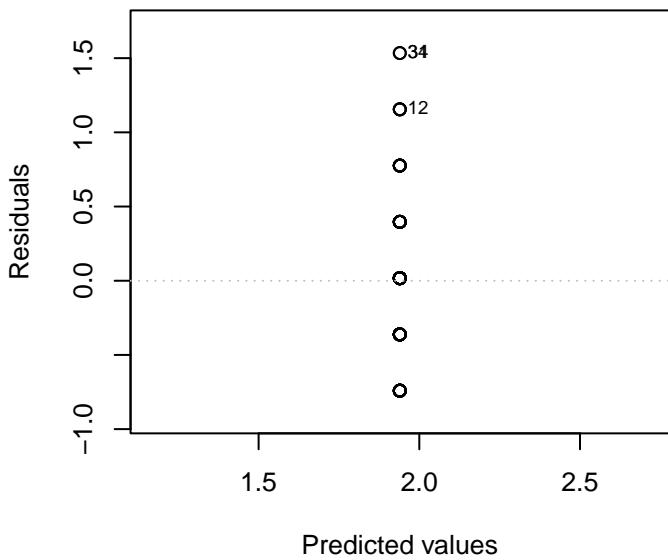


Residuals vs Leverage

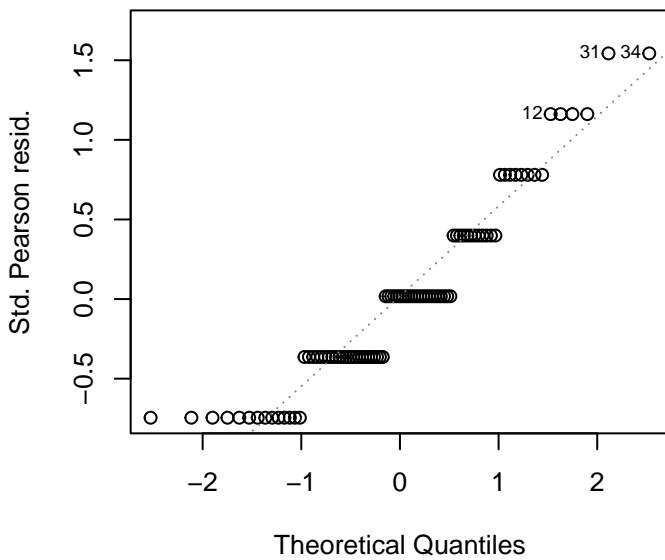


`glm(nsp ~ 1)`

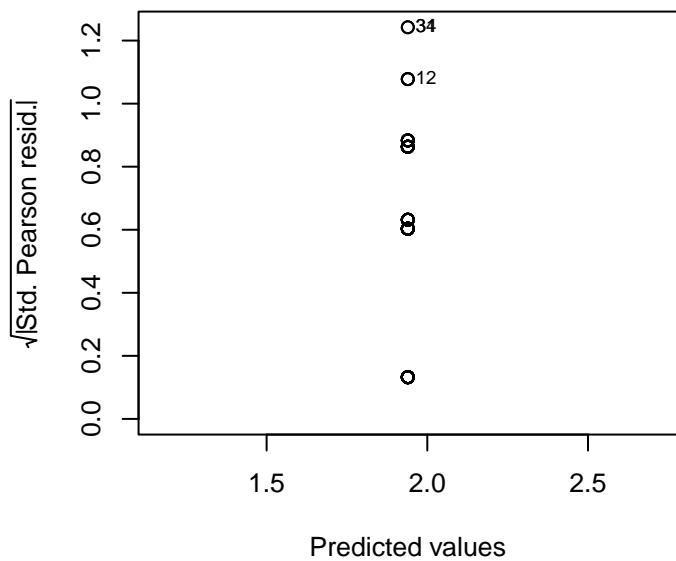
Residuals vs Fitted



Normal Q-Q

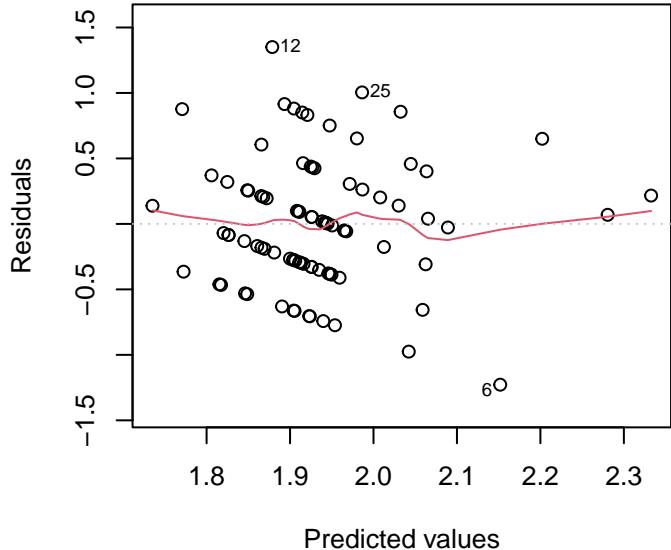


Scale–Location

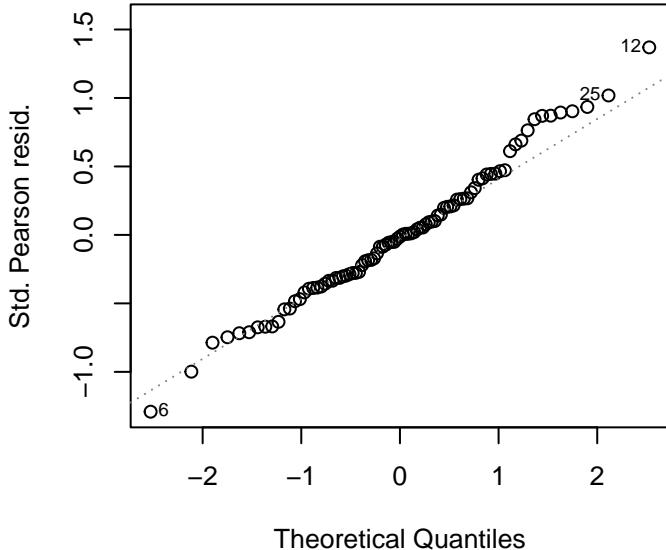


`glm(nsp ~ area + julian_date + temp + 1)`

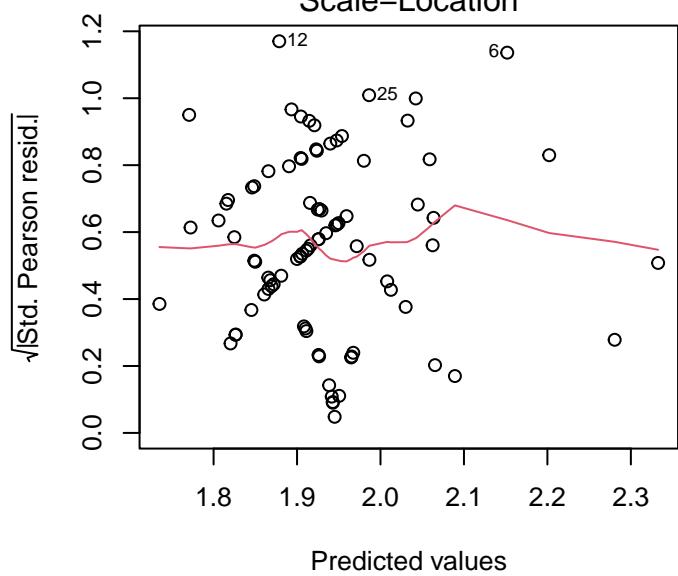
Residuals vs Fitted



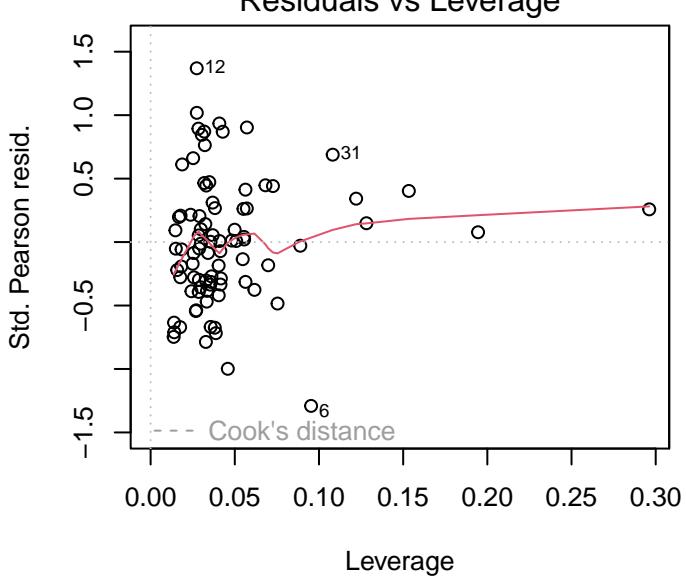
Normal Q-Q



Scale–Location

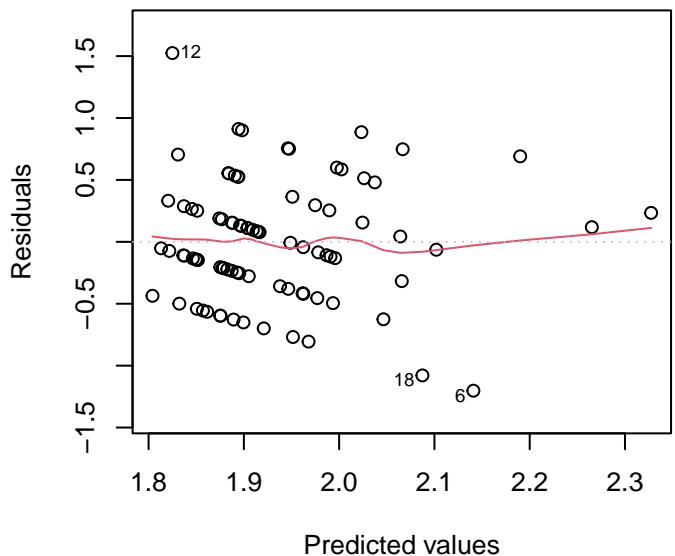


Residuals vs Leverage

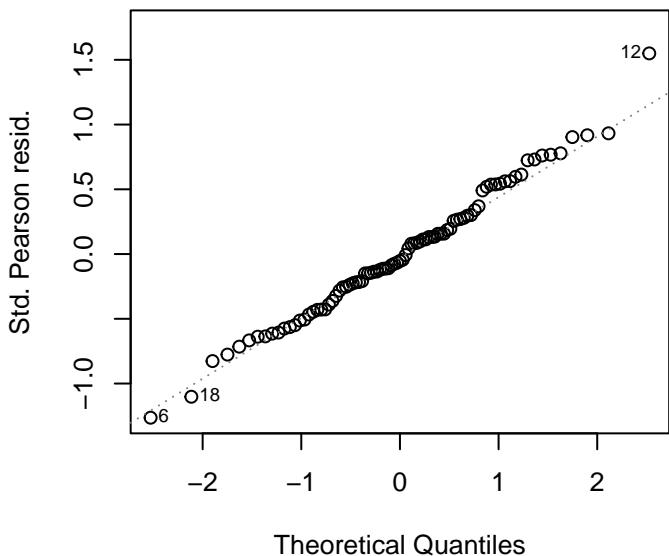


`glm(nsp ~ area + fish + julian_date + 1)`

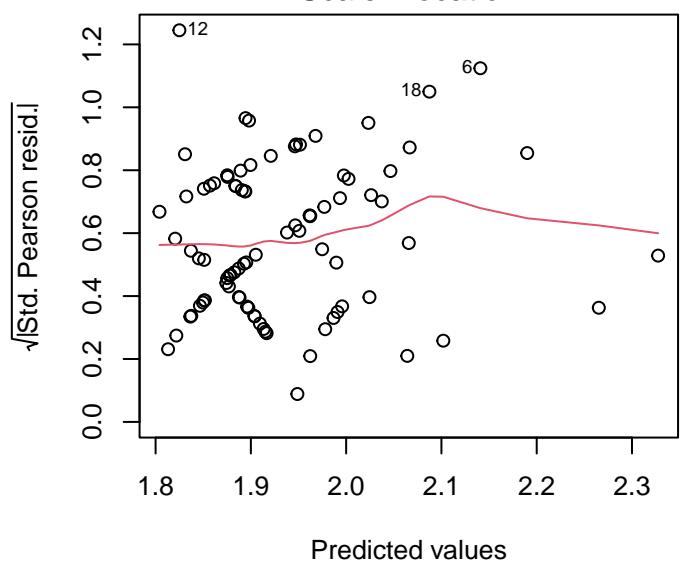
Residuals vs Fitted



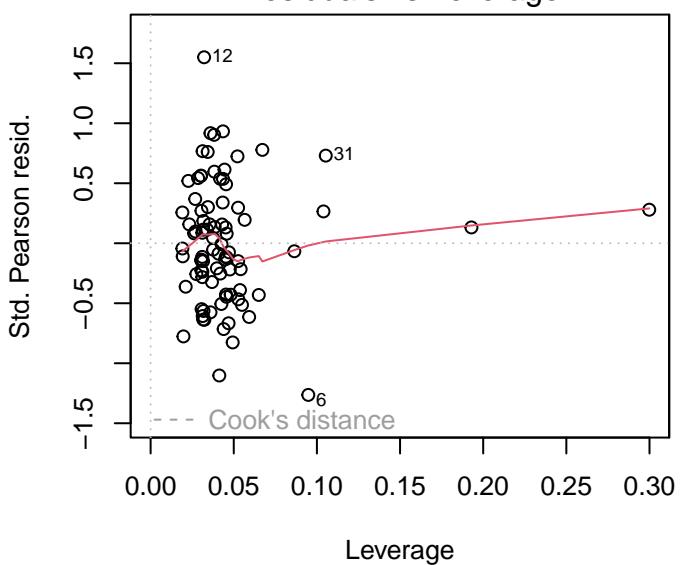
Normal Q-Q



Scale–Location

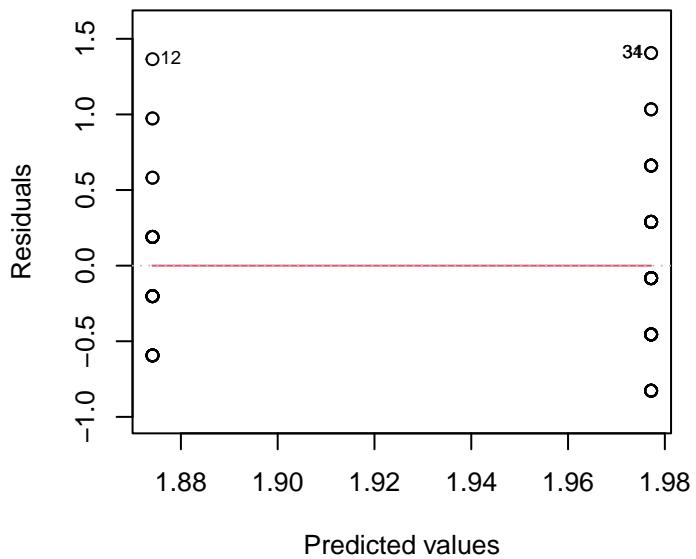


Residuals vs Leverage

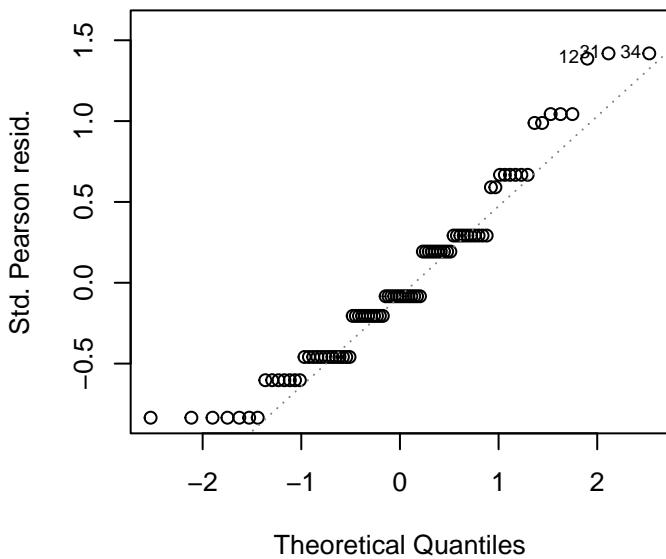


`glm(nsp ~ fish + 1)`

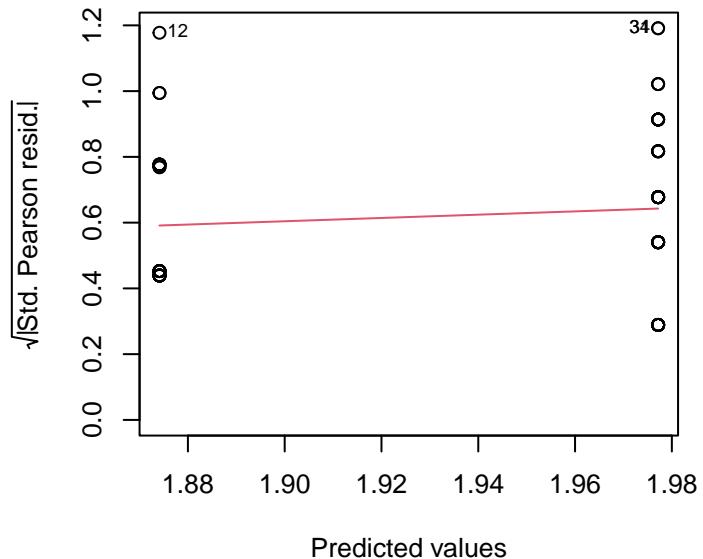
Residuals vs Fitted



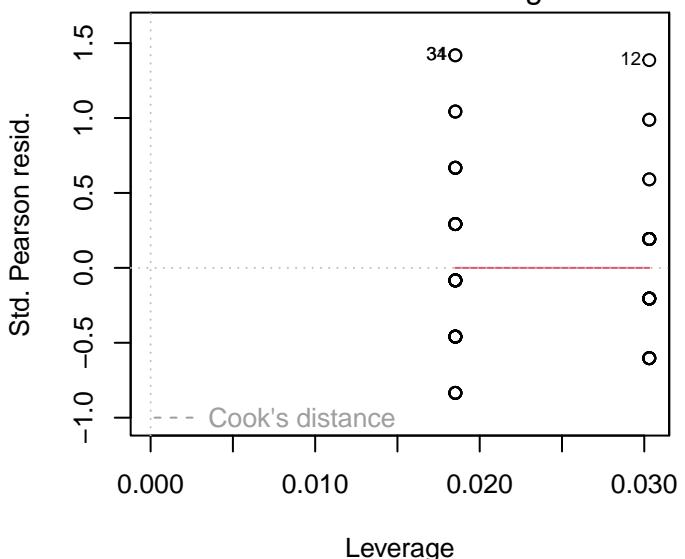
Normal Q–Q



Scale–Location

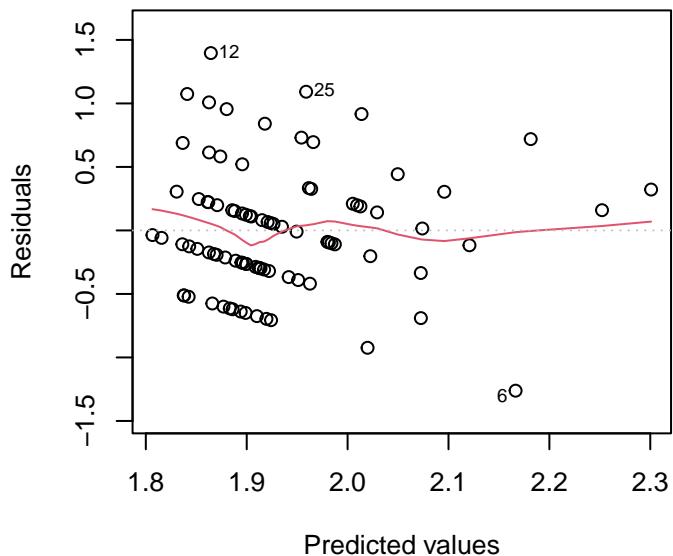


Residuals vs Leverage

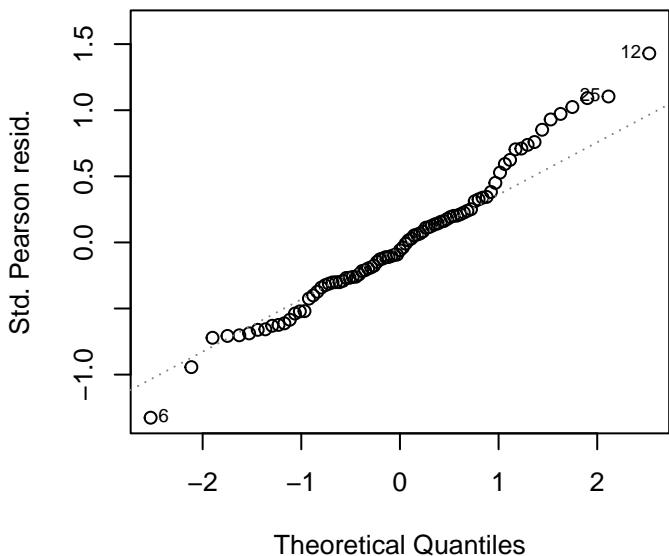


`glm(nsp ~ area + fish + temp + 1)`

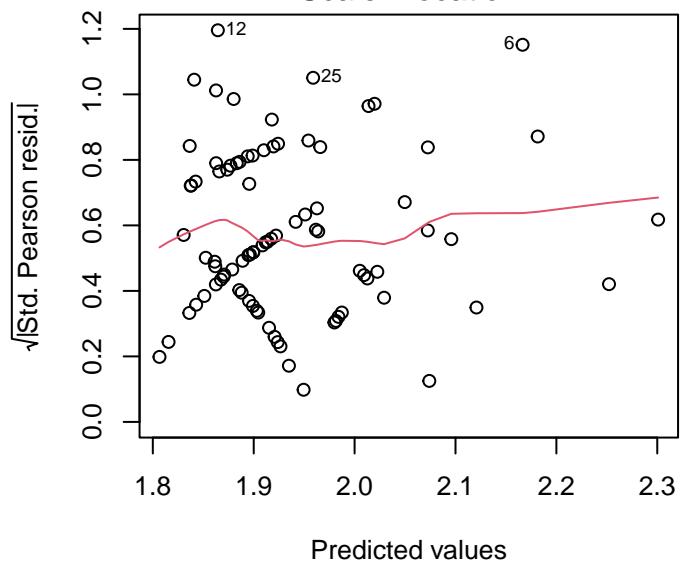
Residuals vs Fitted



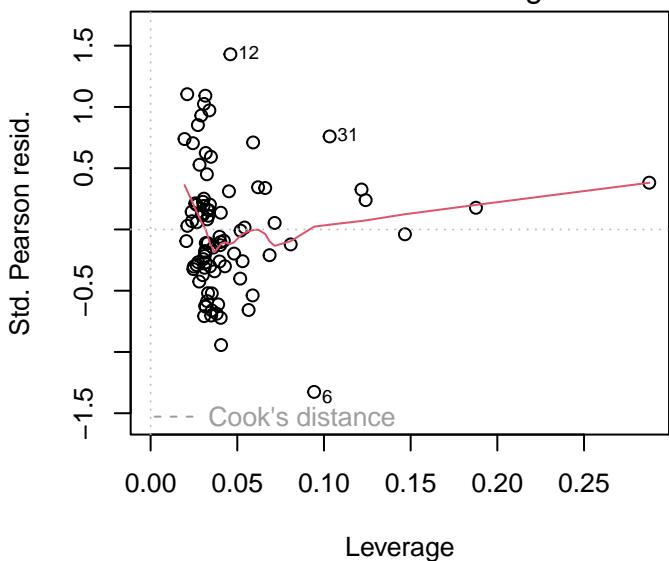
Normal Q-Q



Scale–Location

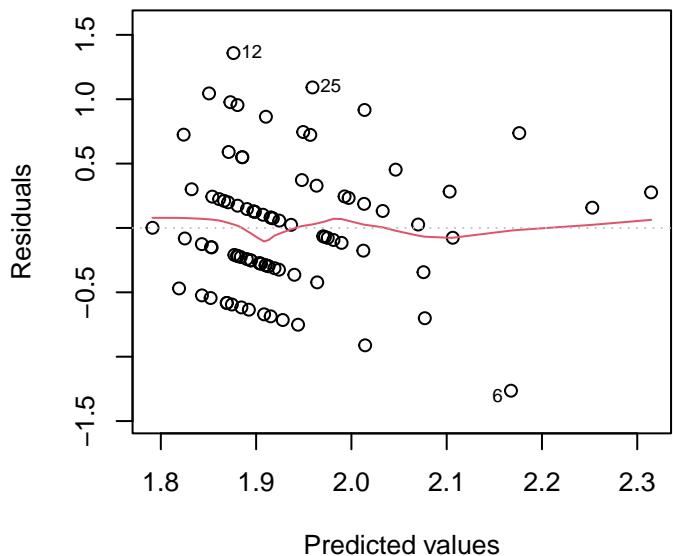


Residuals vs Leverage

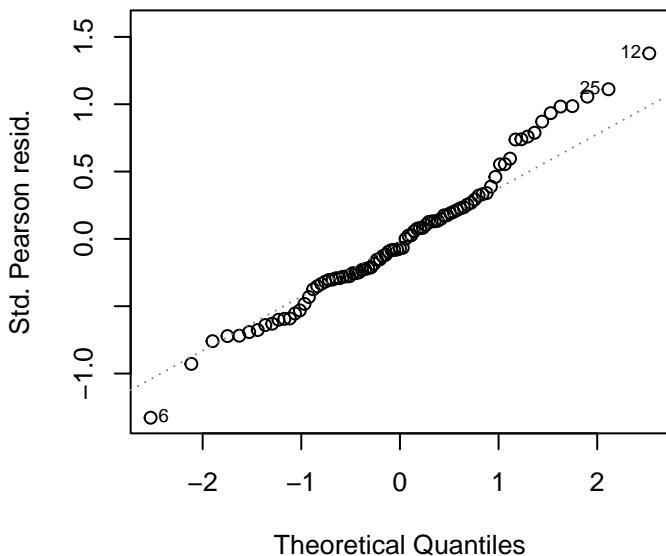


`glm(nsp ~ area + temp + time_convert + 1)`

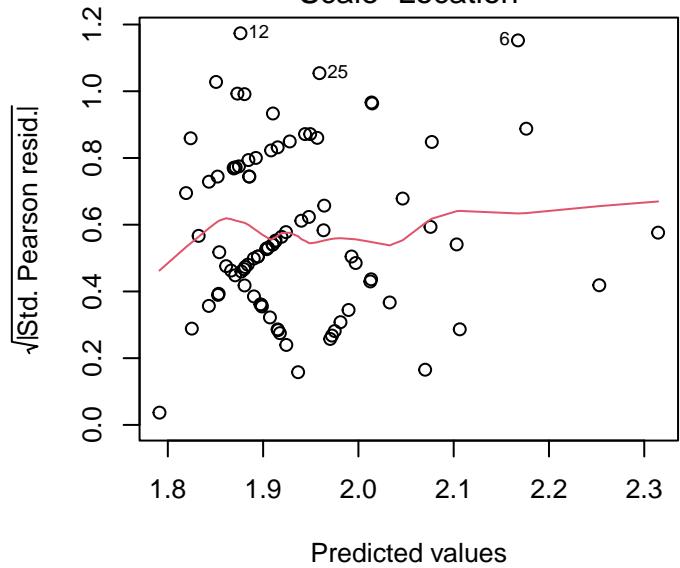
Residuals vs Fitted



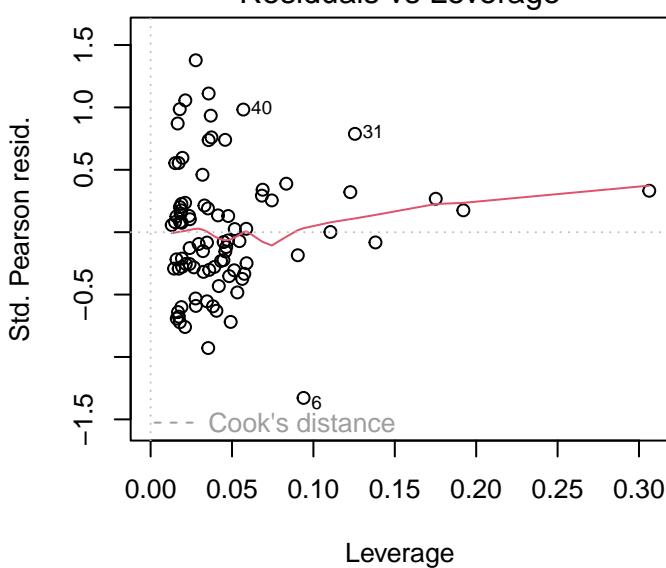
Normal Q-Q



Scale–Location

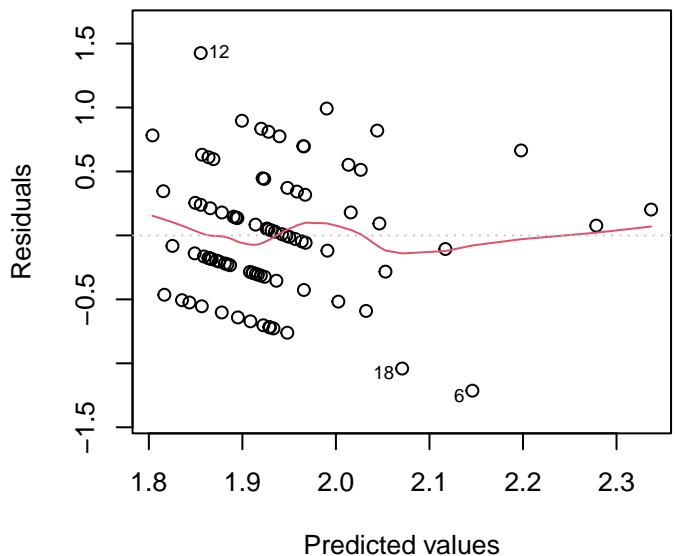


Residuals vs Leverage

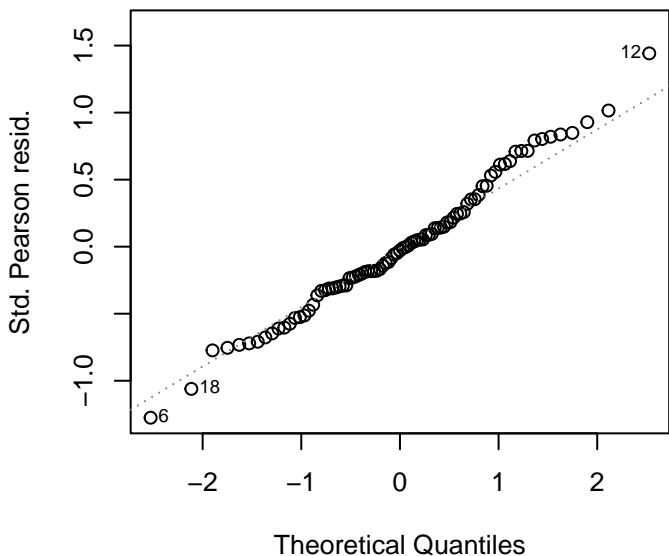


`glm(nsp ~ area + julian_date + time_convert + 1)`

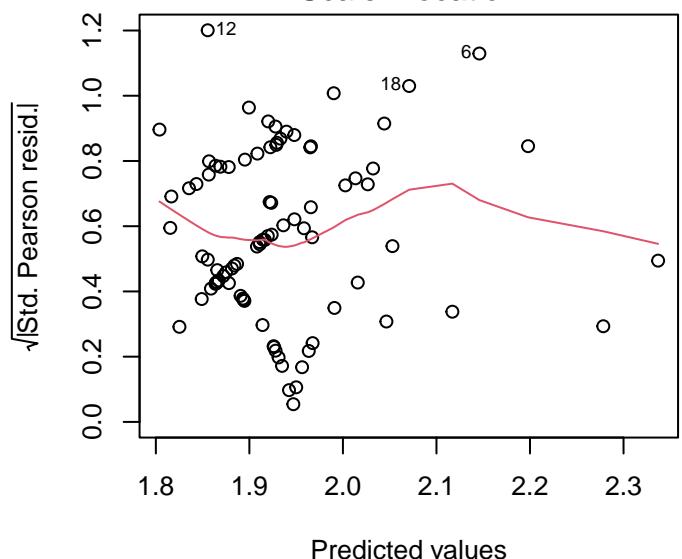
Residuals vs Fitted



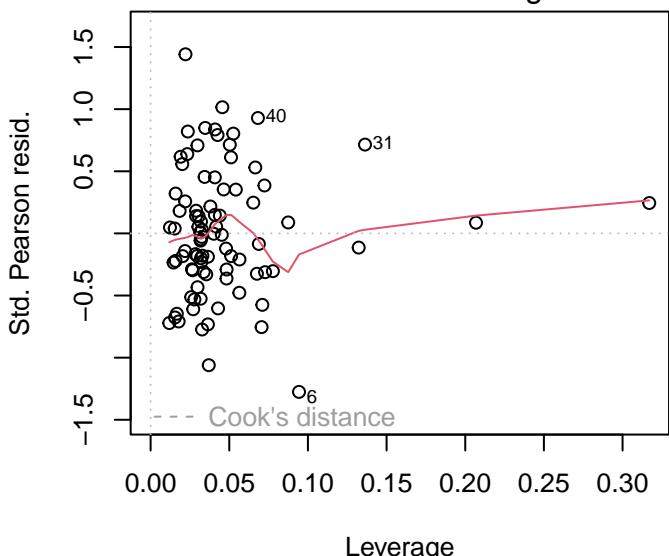
Normal Q–Q



Scale–Location

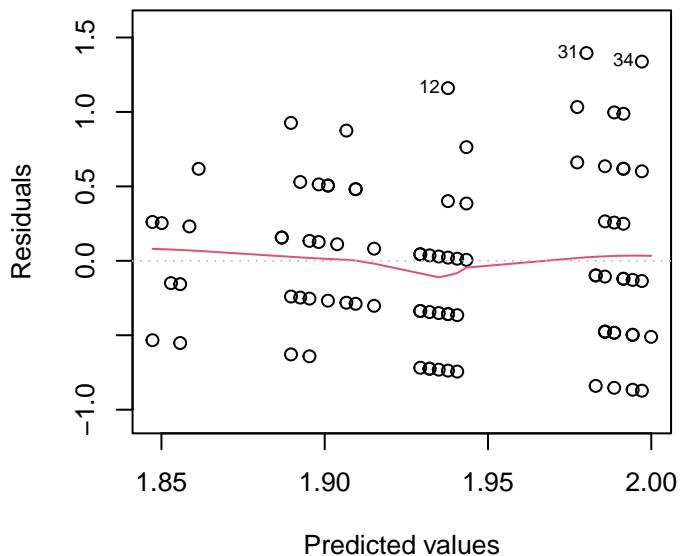


Residuals vs Leverage

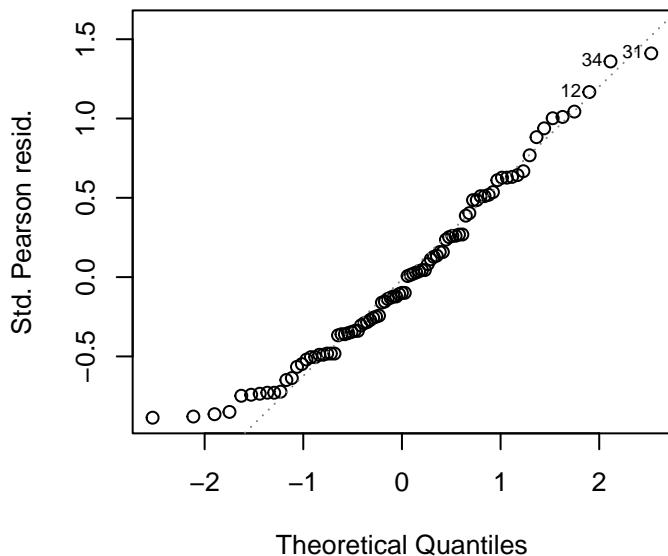


`glm(nsp ~ julian_date + 1)`

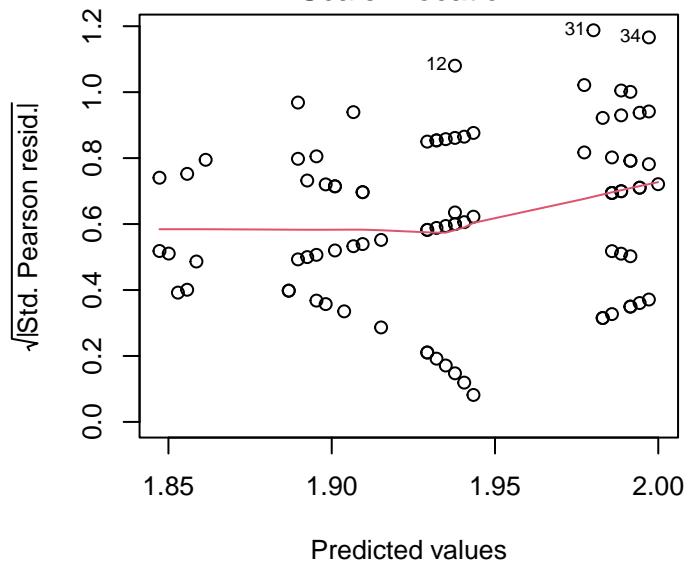
Residuals vs Fitted



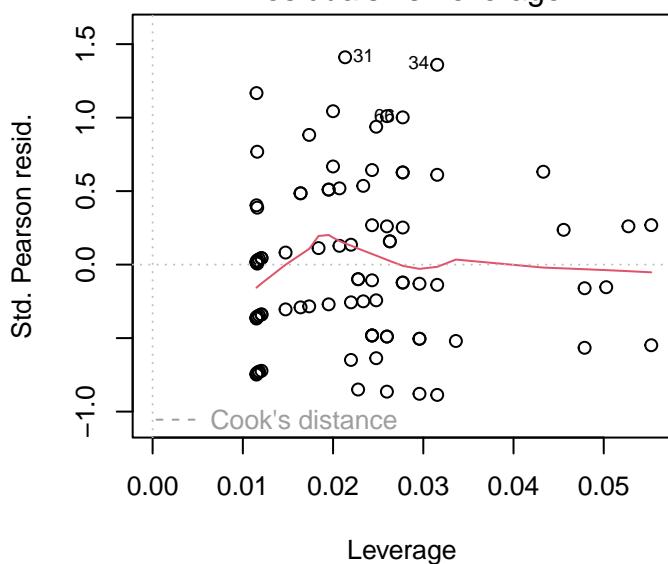
Normal Q–Q



Scale–Location

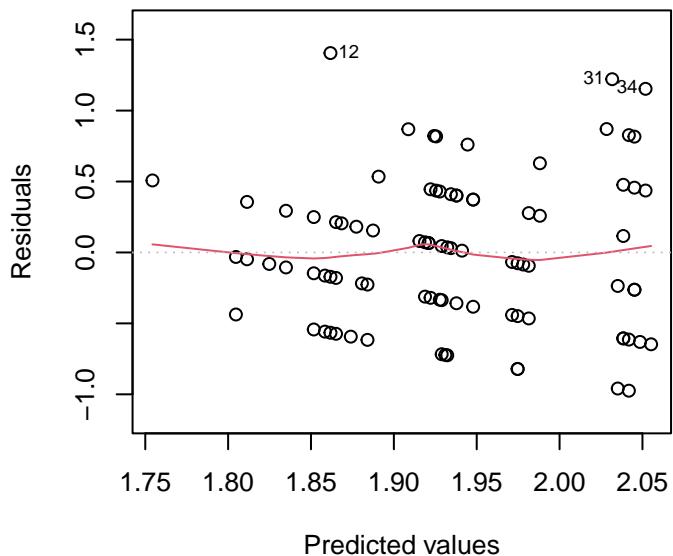


Residuals vs Leverage

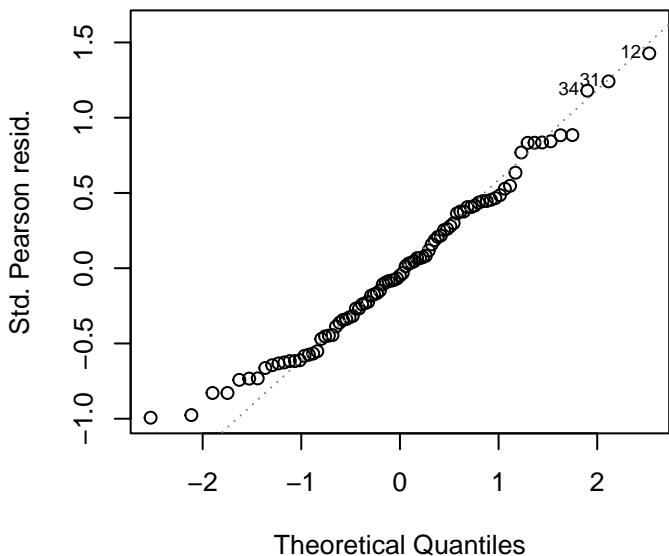


`glm(nsp ~ fish + julian_date + 1)`

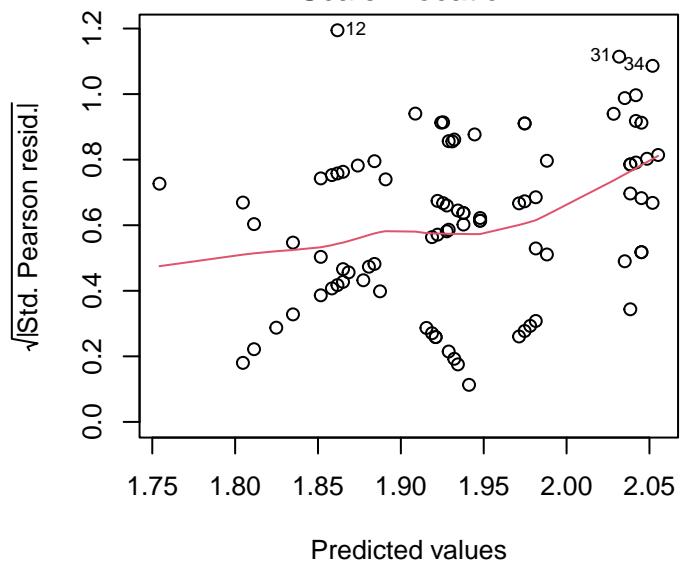
Residuals vs Fitted



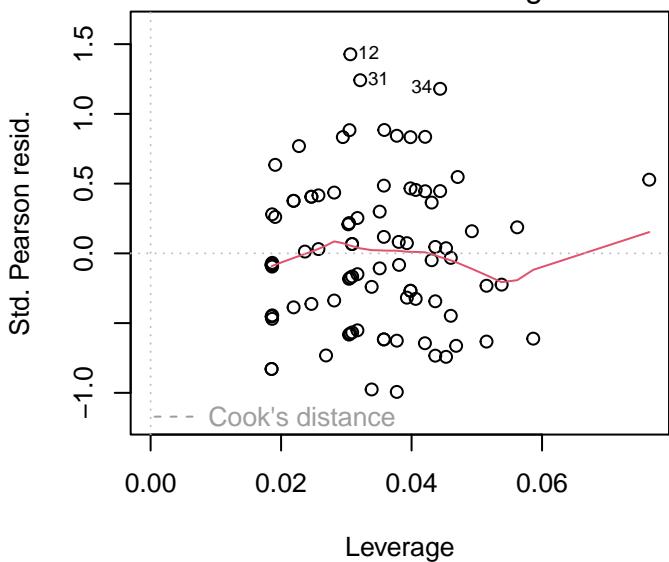
Normal Q-Q



Scale–Location

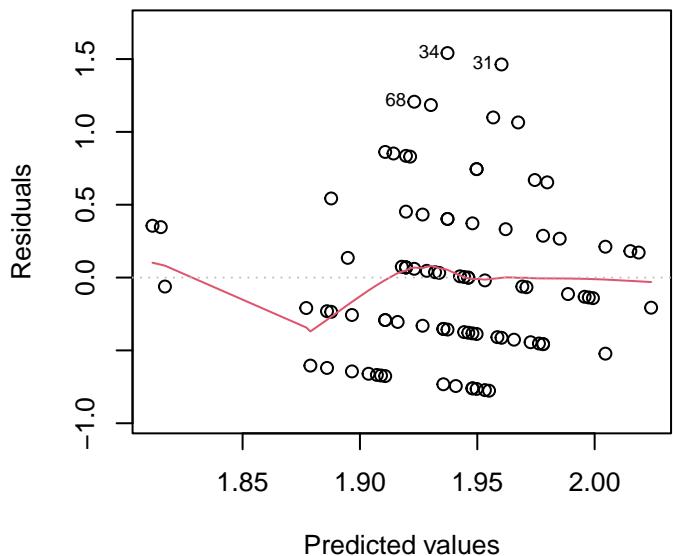


Residuals vs Leverage

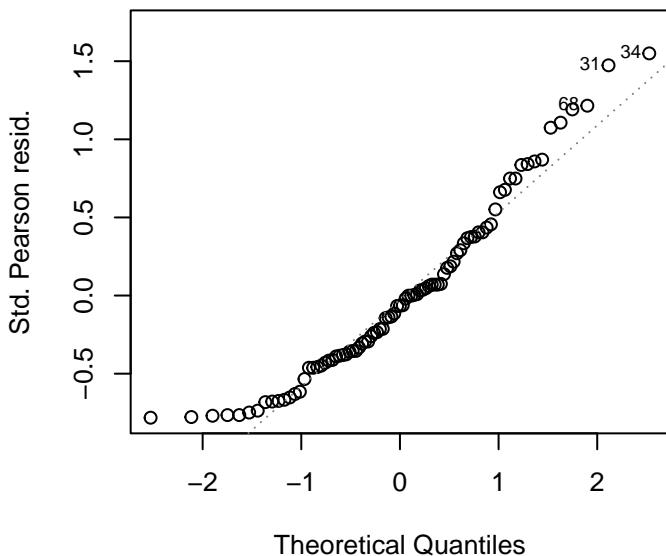


`glm(nsp ~ temp + 1)`

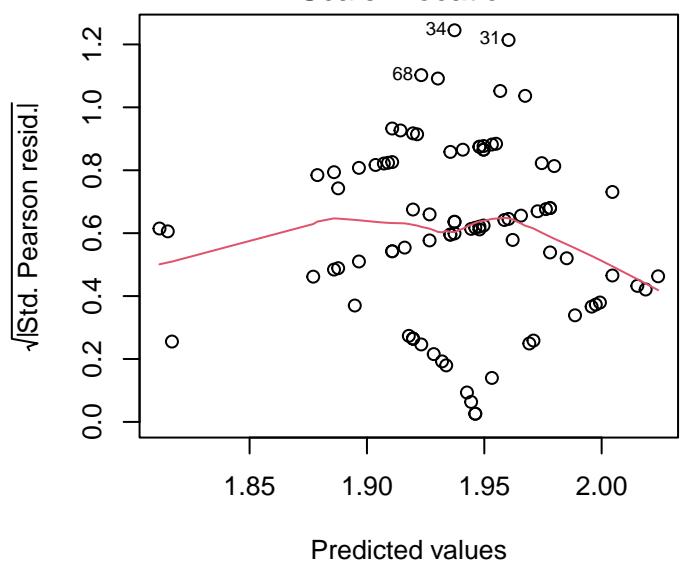
Residuals vs Fitted



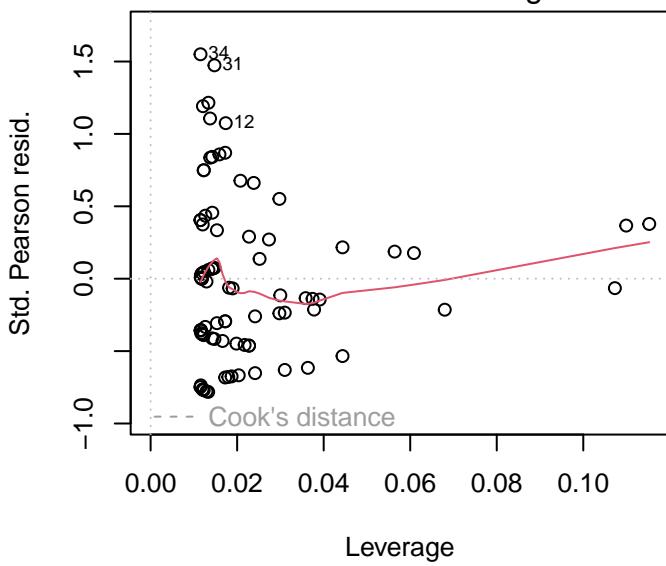
Normal Q-Q



Scale–Location

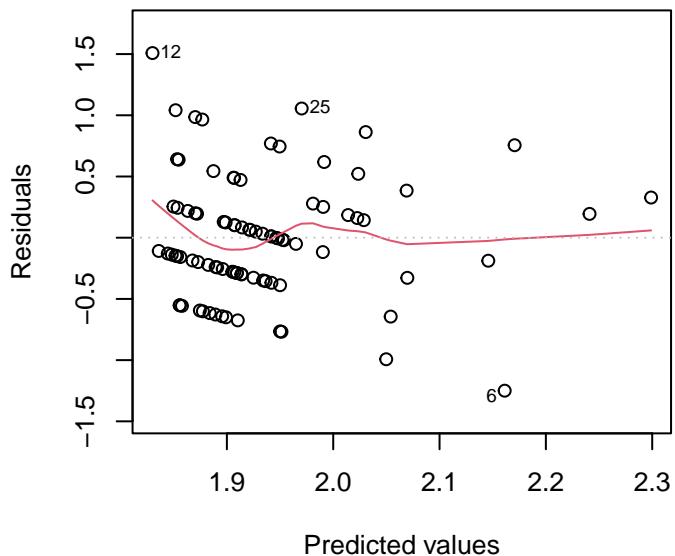


Residuals vs Leverage

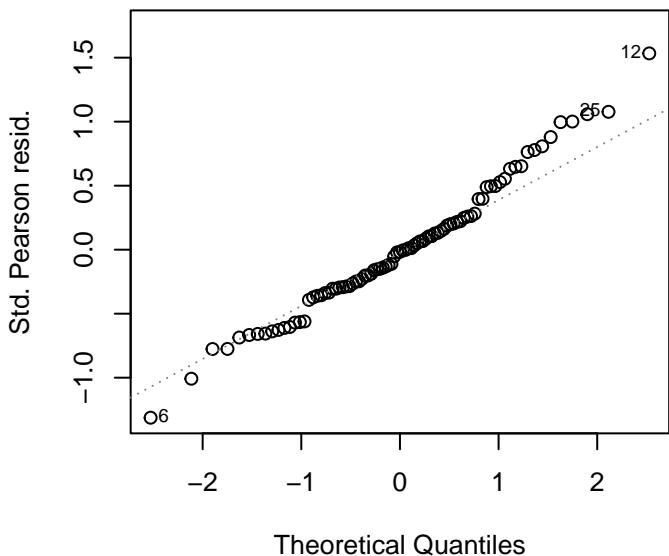


`glm(nsp ~ area + fish + time_convert + 1)`

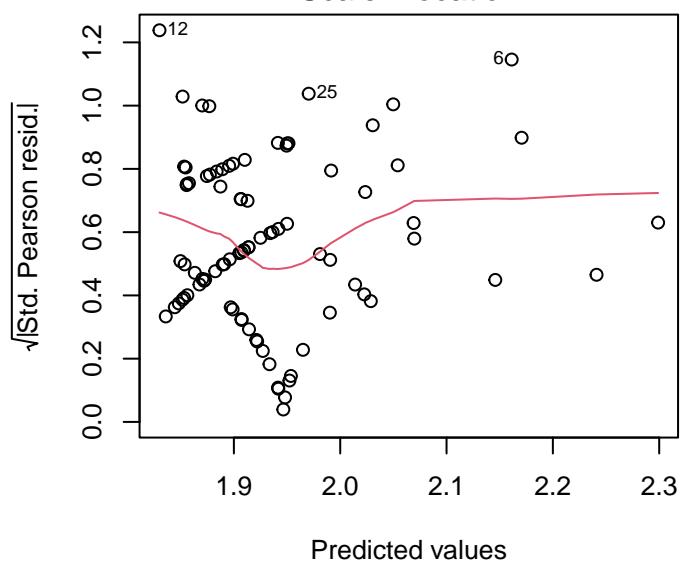
Residuals vs Fitted



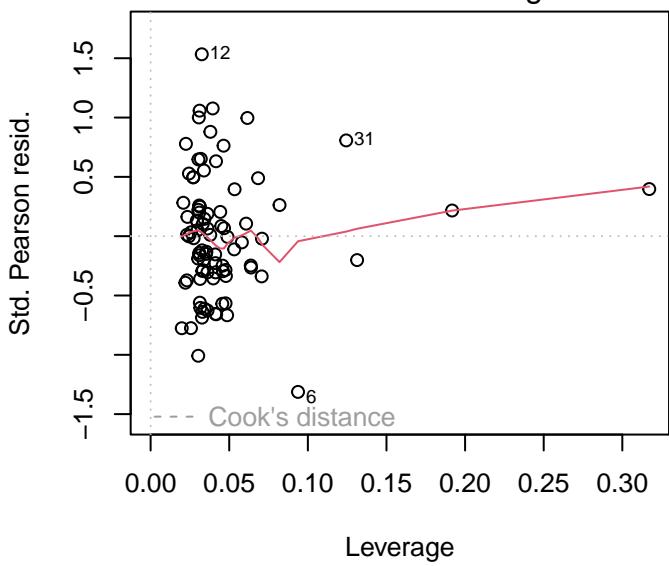
Normal Q-Q



Scale–Location

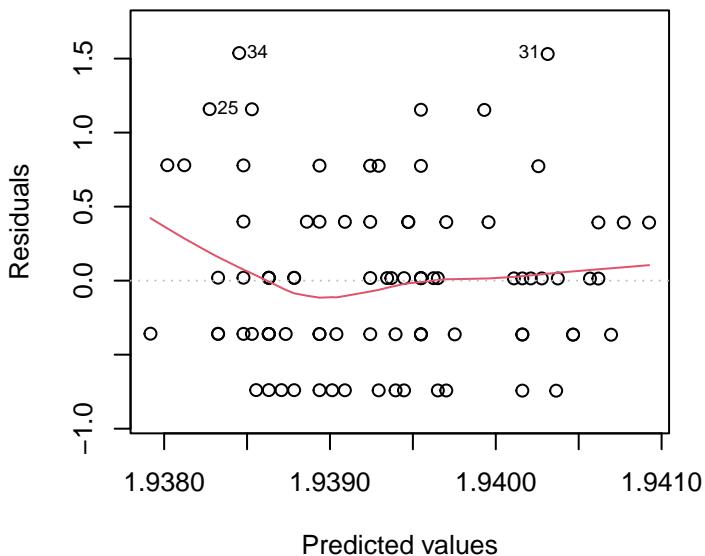


Residuals vs Leverage

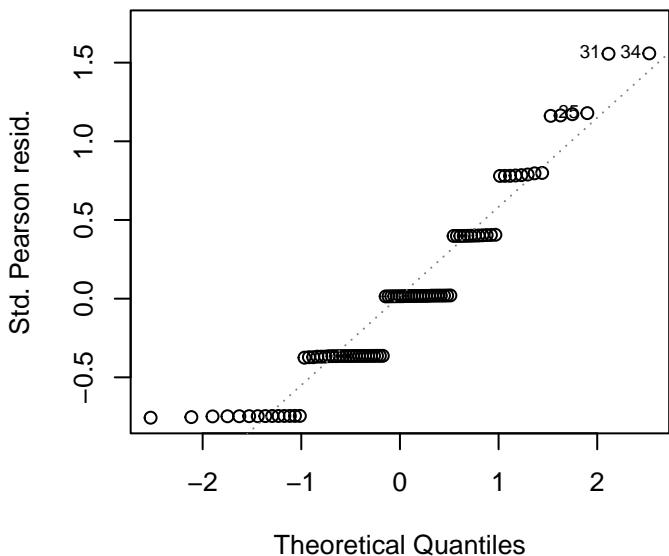


`glm(nsp ~ time_convert + 1)`

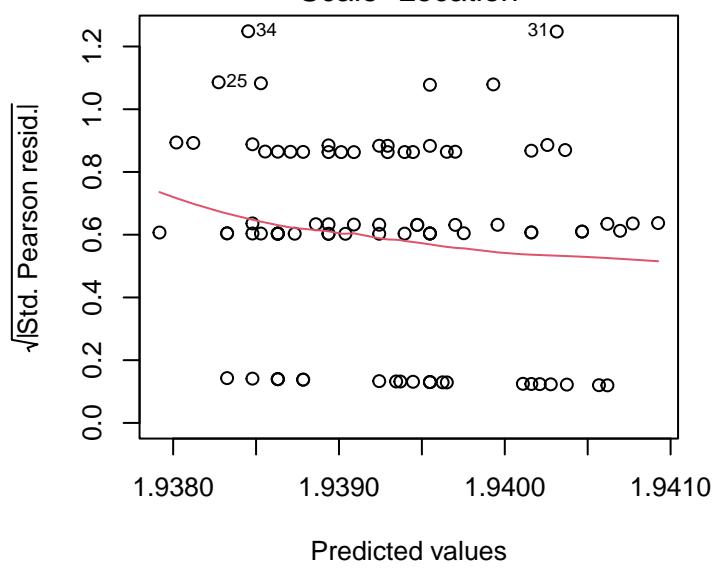
Residuals vs Fitted



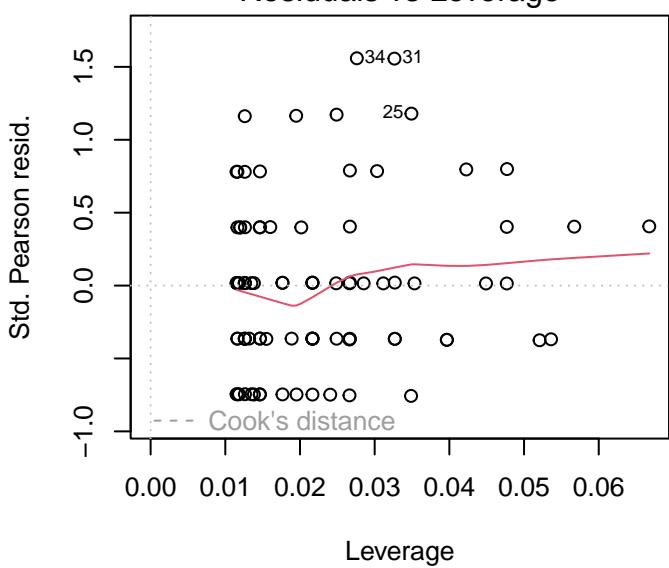
Normal Q-Q



Scale–Location

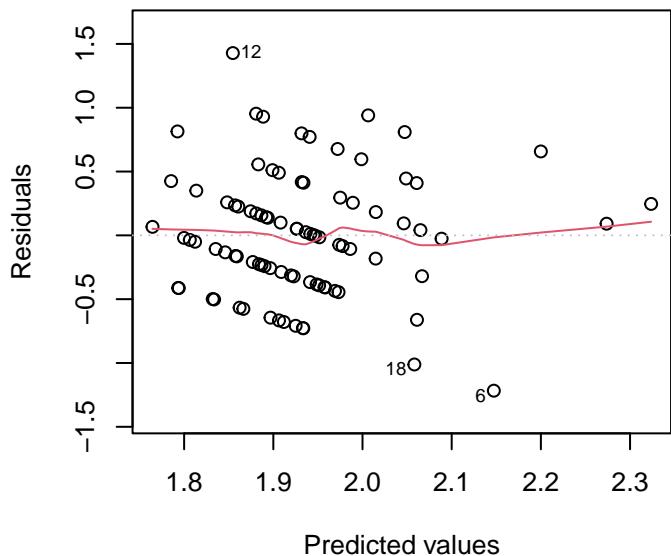


Residuals vs Leverage

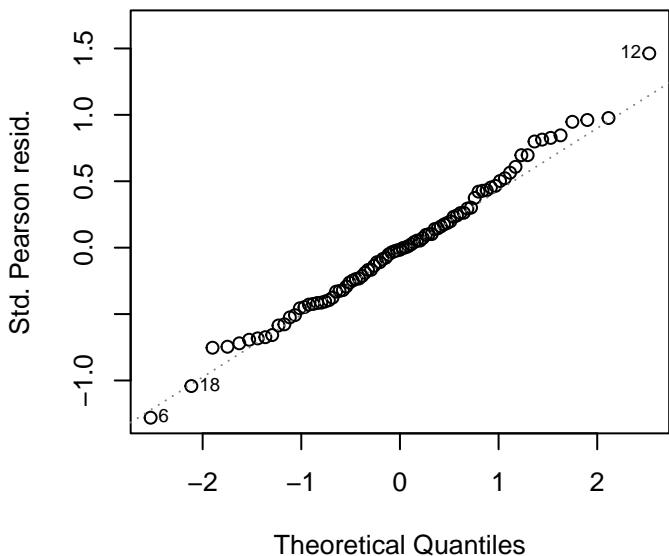


`glm(nsp ~ area + fish + julian_date + temp + 1)`

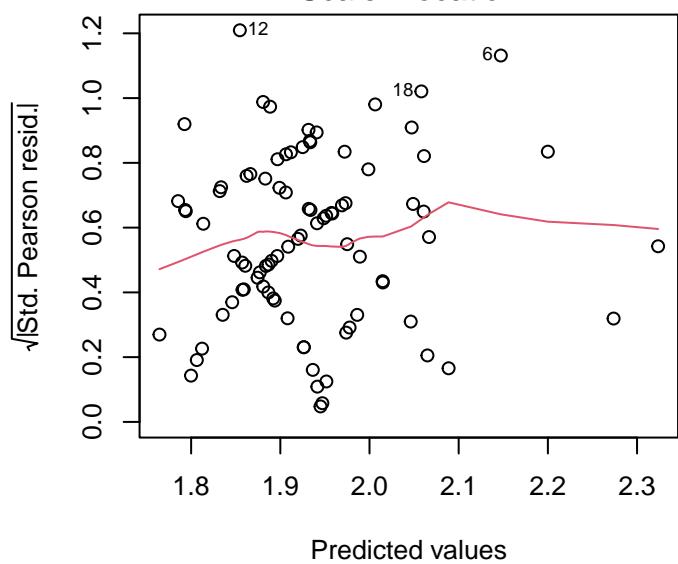
Residuals vs Fitted



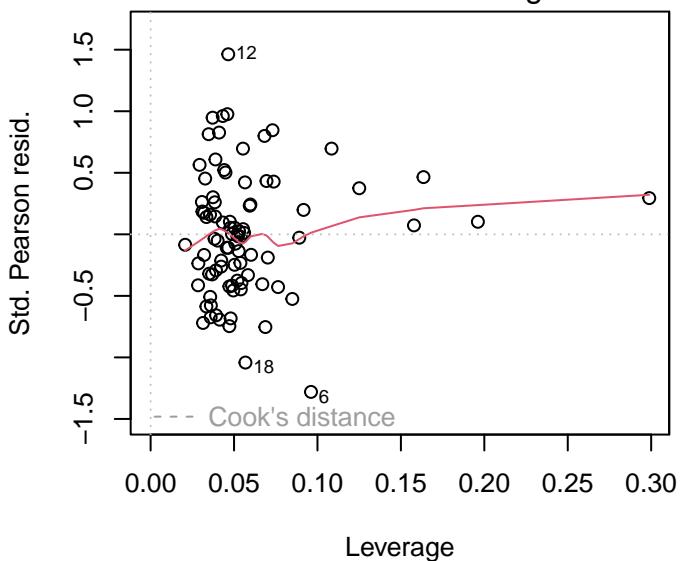
Normal Q-Q



Scale–Location

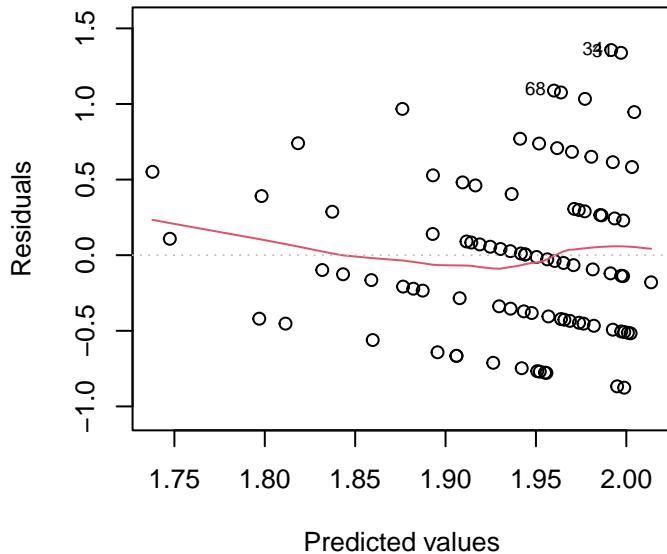


Residuals vs Leverage

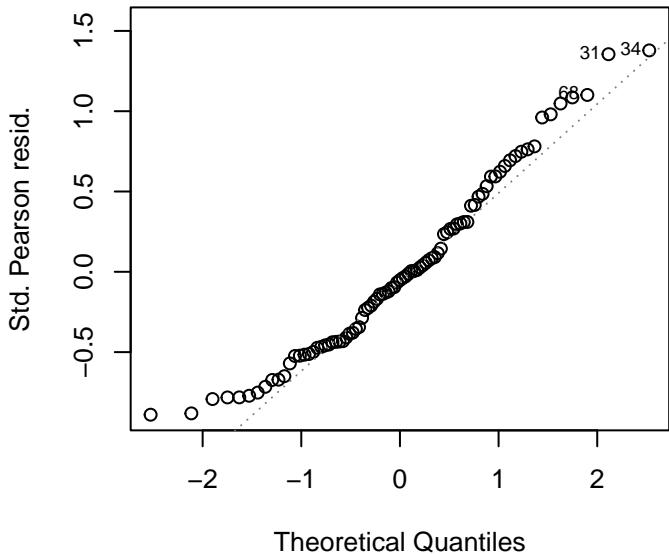


`glm(nsp ~ julian_date + temp + 1)`

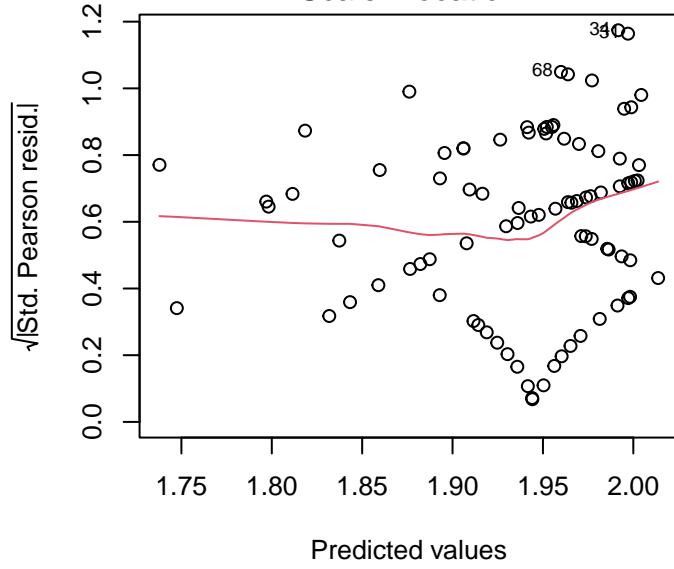
Residuals vs Fitted



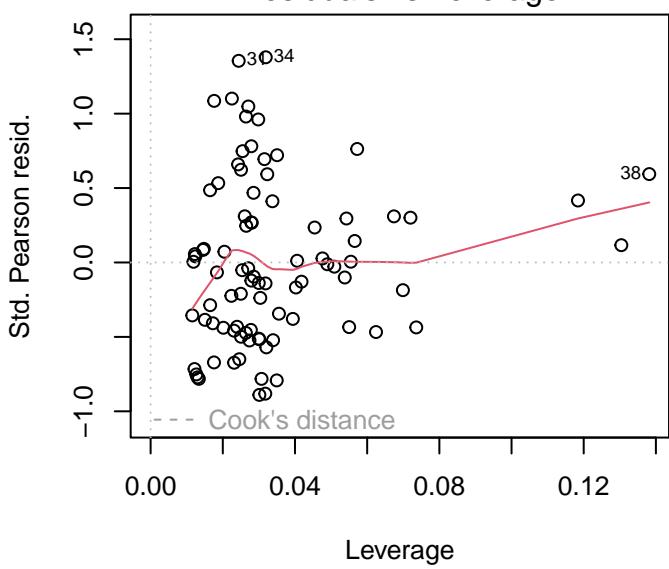
Normal Q-Q



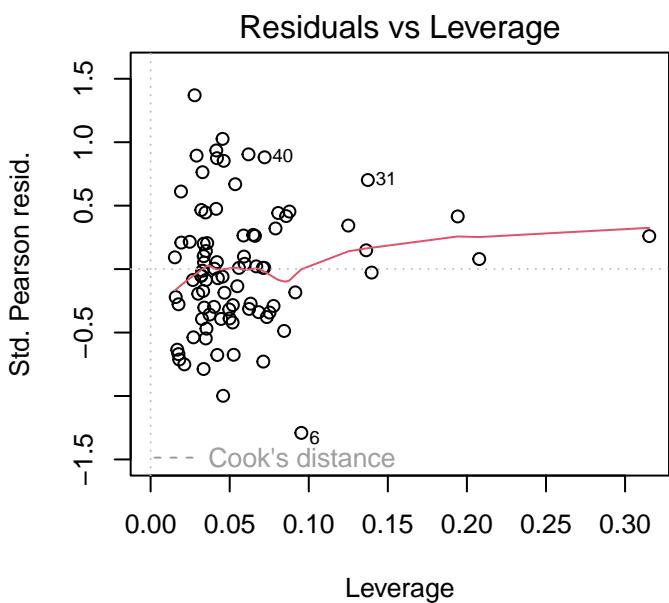
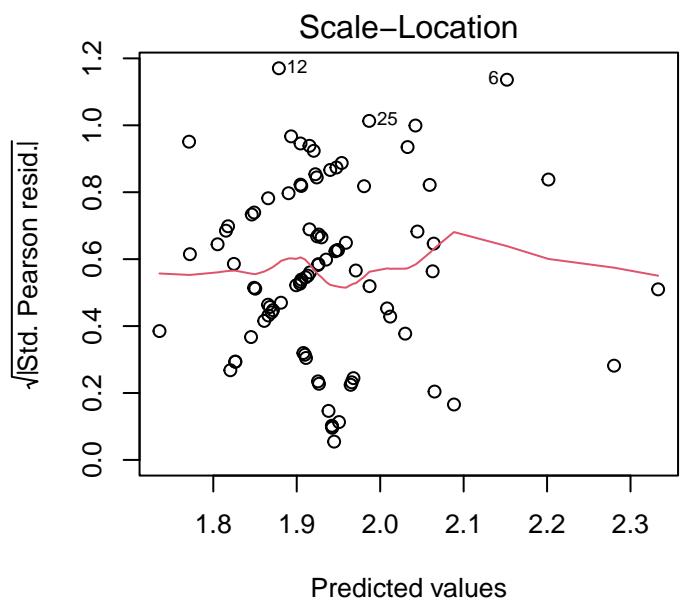
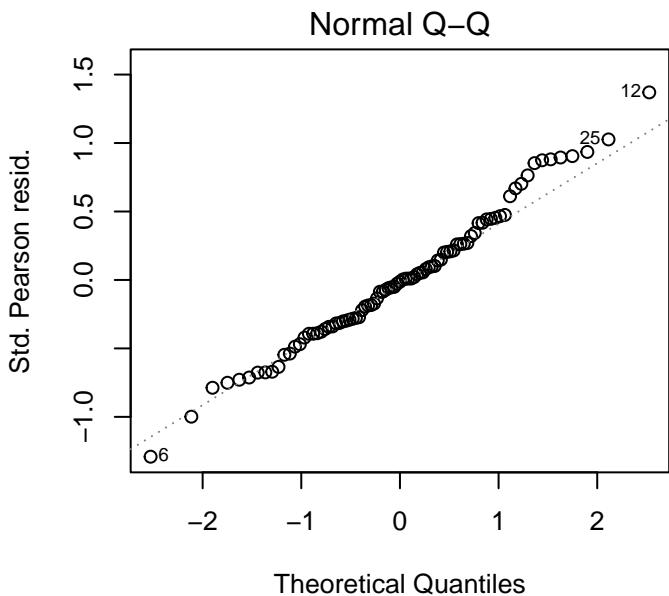
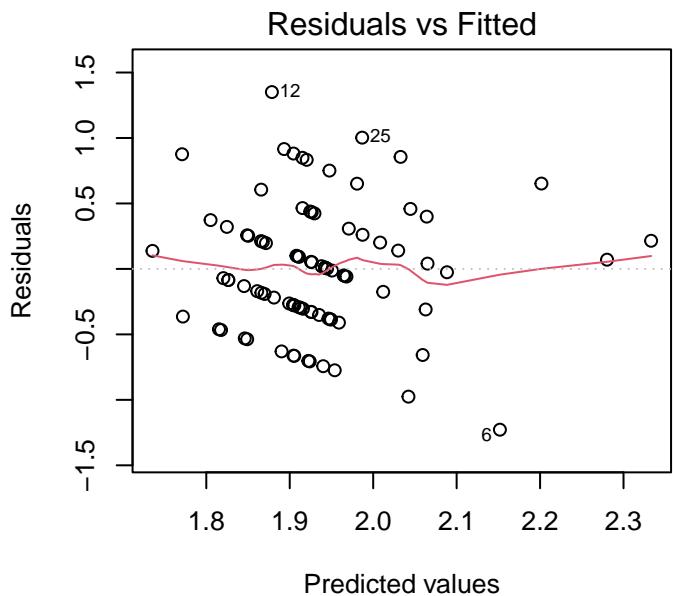
Scale–Location



Residuals vs Leverage

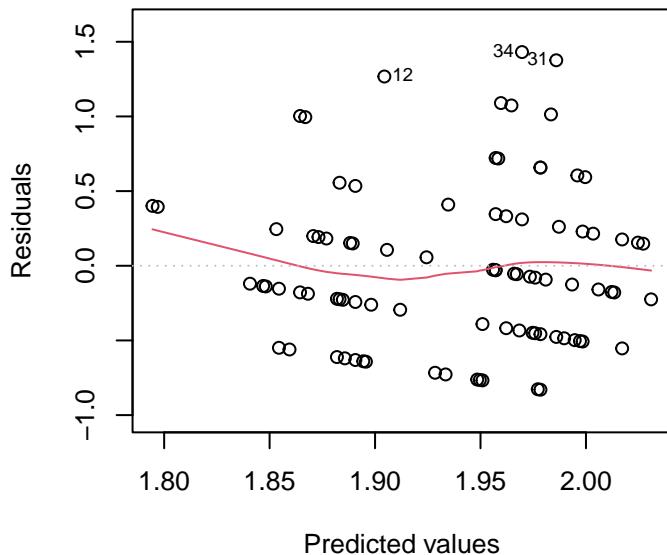


`glm(nsp ~ area + julian_date + temp + time_convert + 1)`

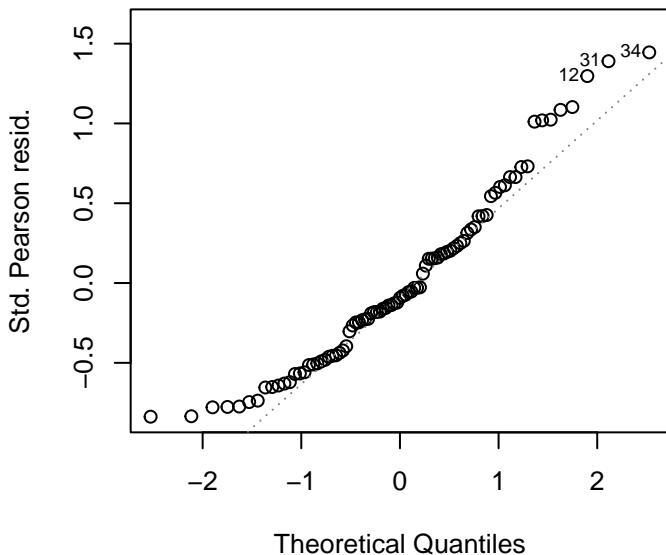


`glm(nsp ~ fish + temp + 1)`

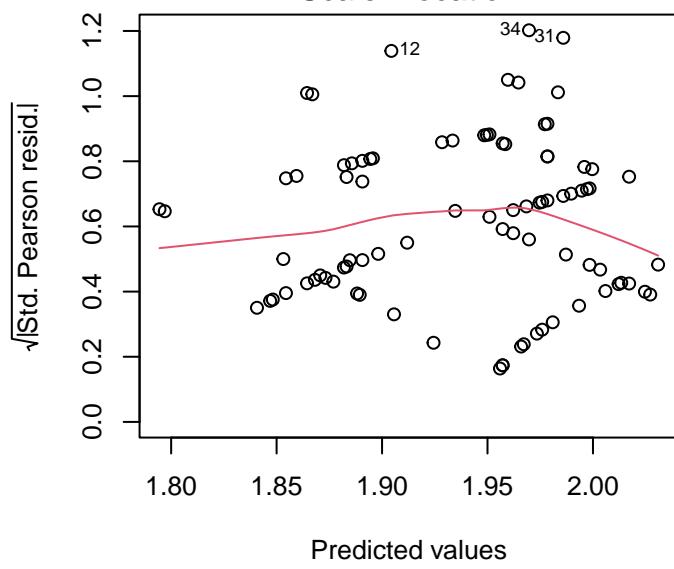
Residuals vs Fitted



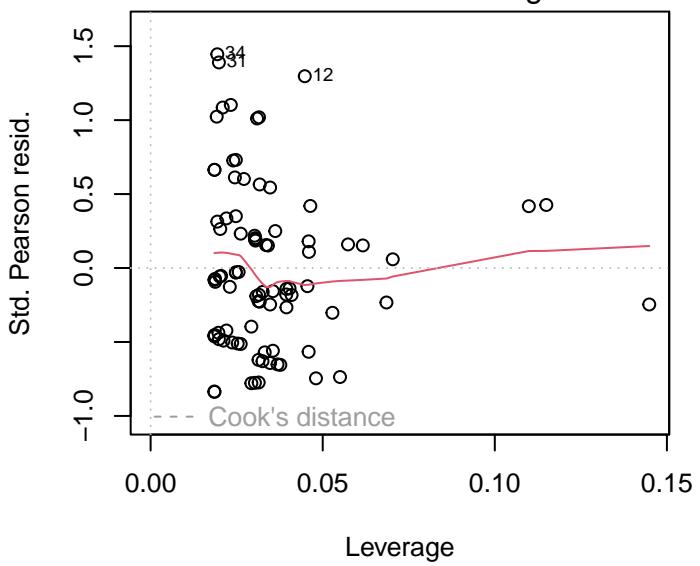
Normal Q-Q



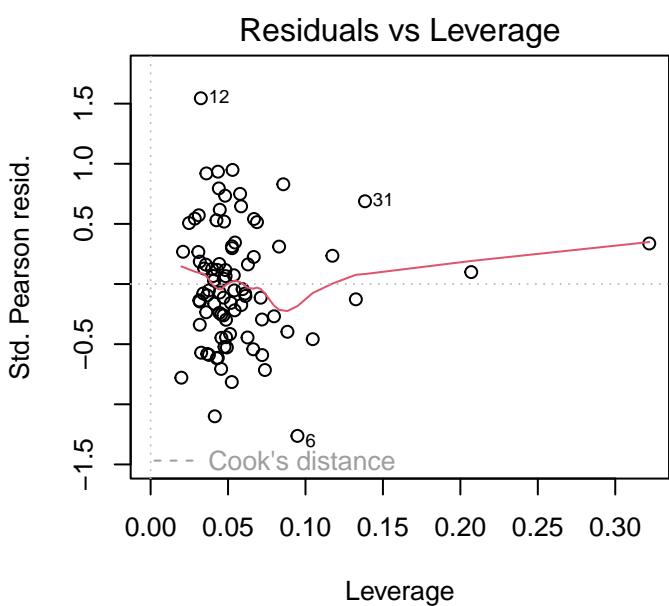
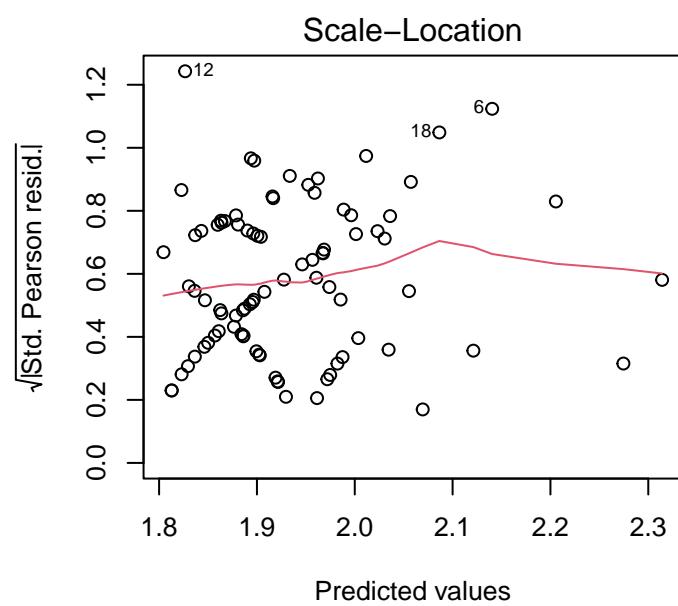
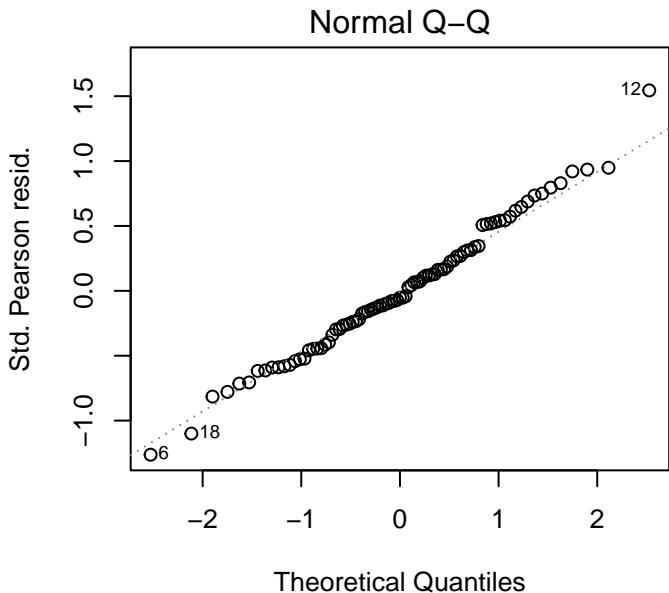
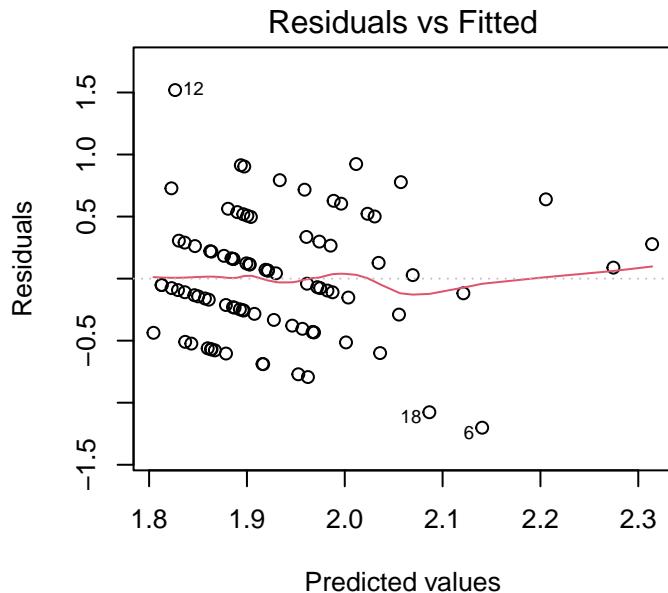
Scale–Location



Residuals vs Leverage

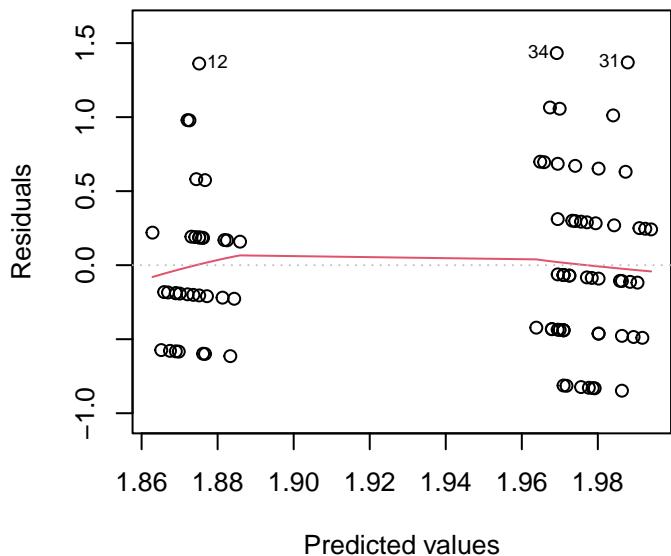


`glm(nsp ~ area + fish + julian_date + time_convert + 1)`

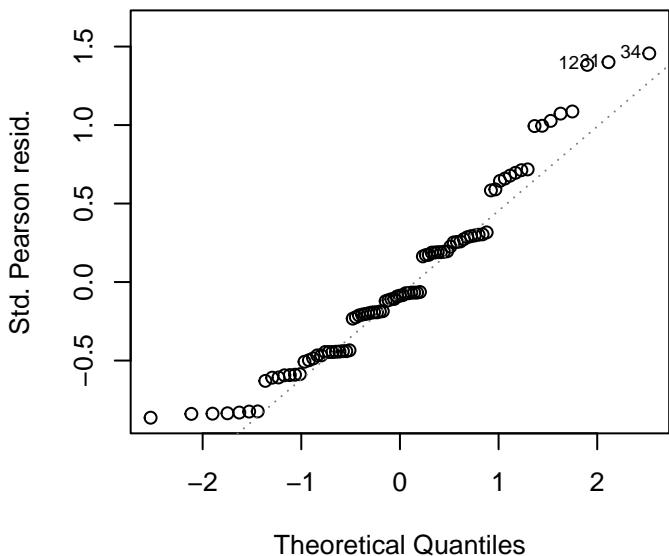


`glm(nsp ~ fish + time_convert + 1)`

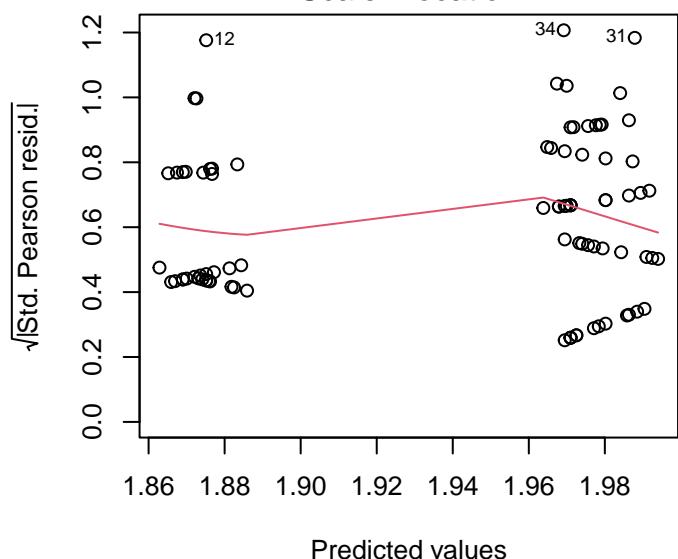
Residuals vs Fitted



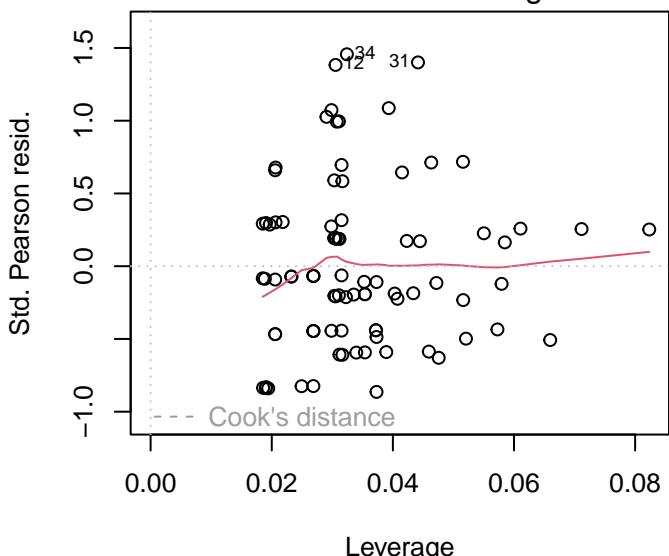
Normal Q-Q



Scale–Location

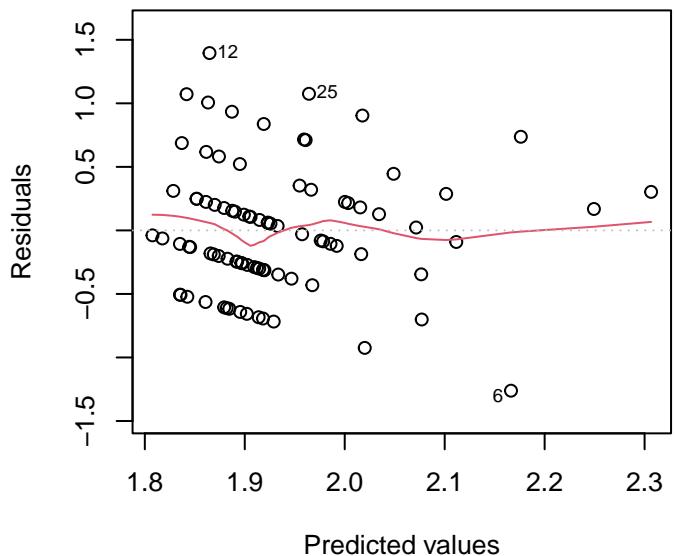


Residuals vs Leverage

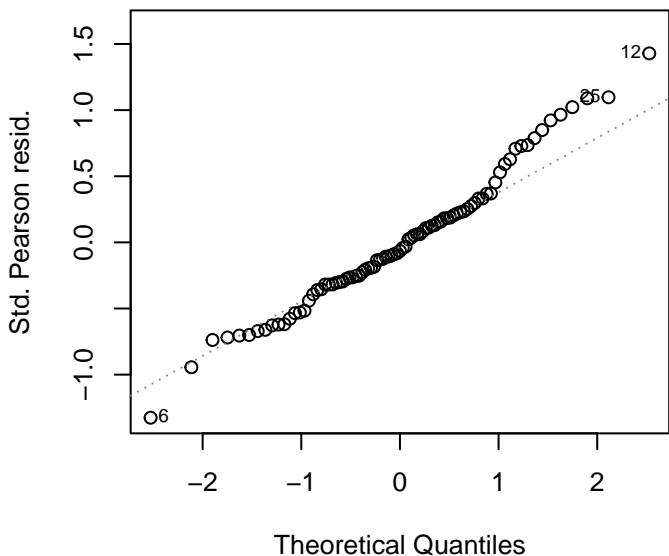


`glm(nsp ~ area + fish + temp + time_convert + 1)`

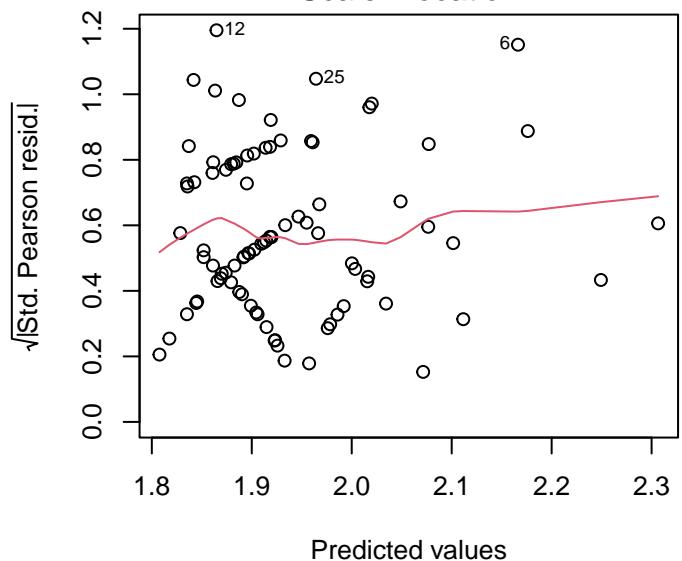
Residuals vs Fitted



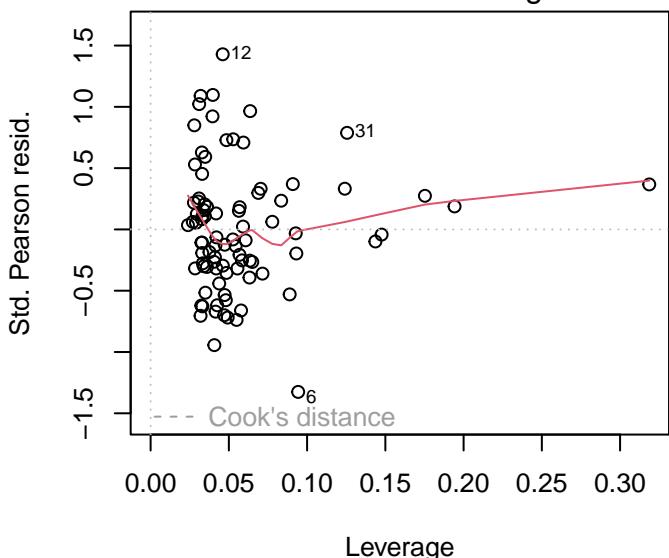
Normal Q–Q



Scale–Location

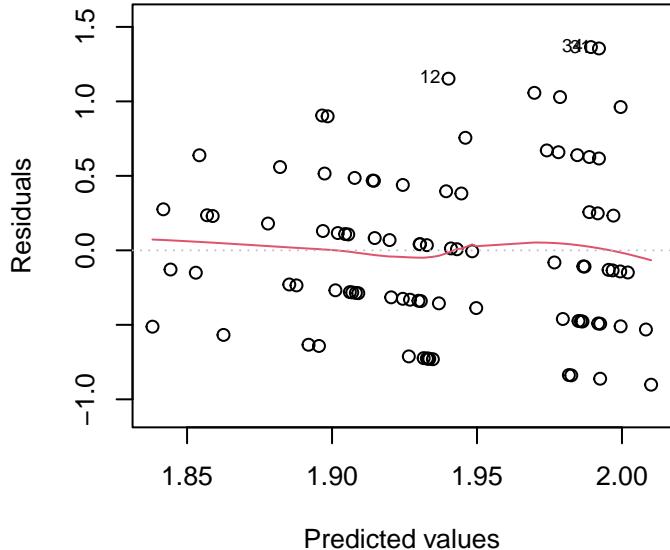


Residuals vs Leverage

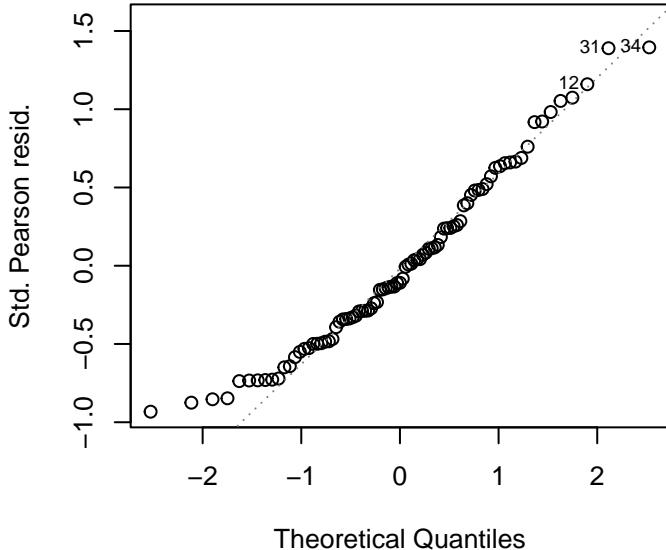


`glm(nsp ~ julian_date + time_convert + 1)`

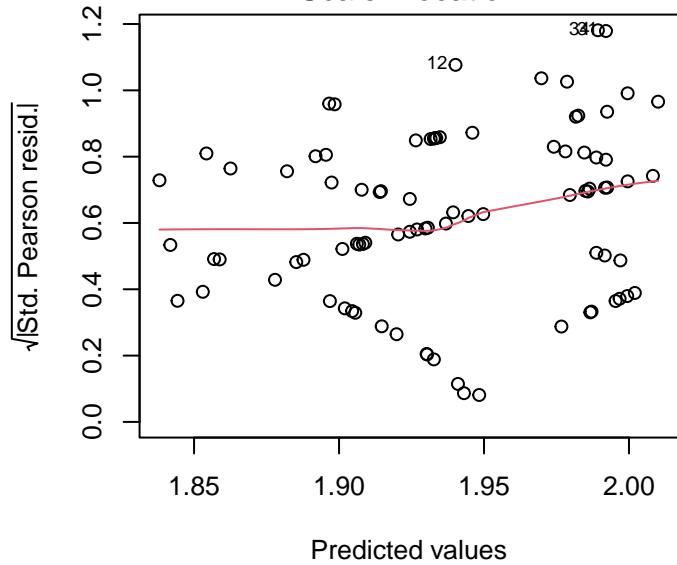
Residuals vs Fitted



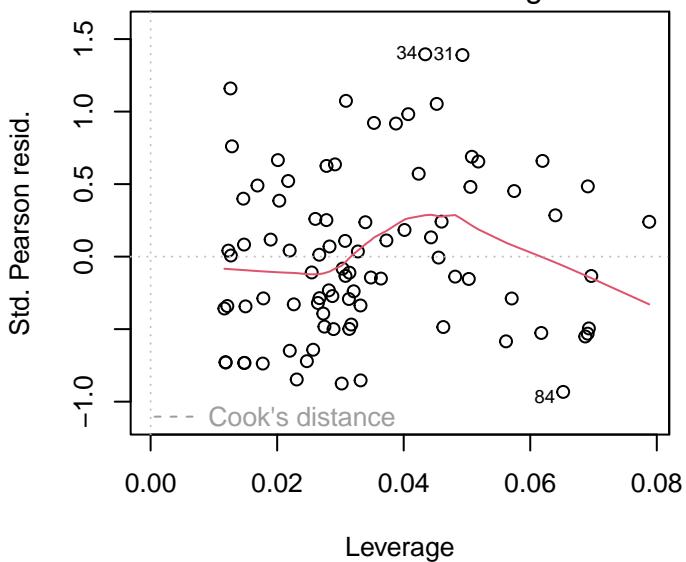
Normal Q-Q



Scale–Location

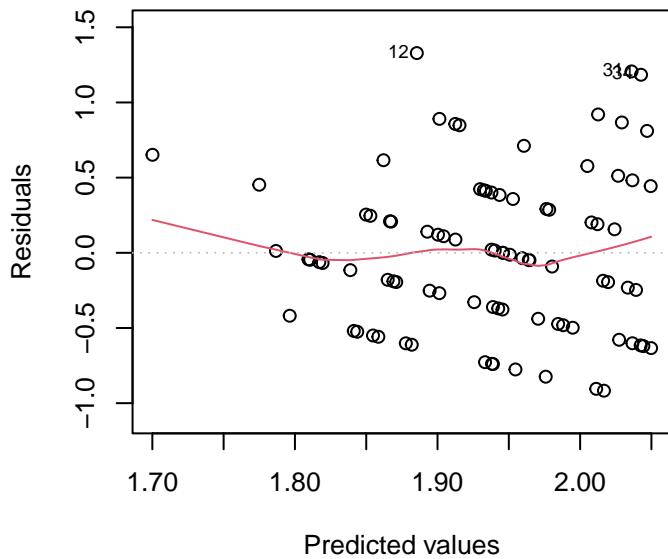


Residuals vs Leverage

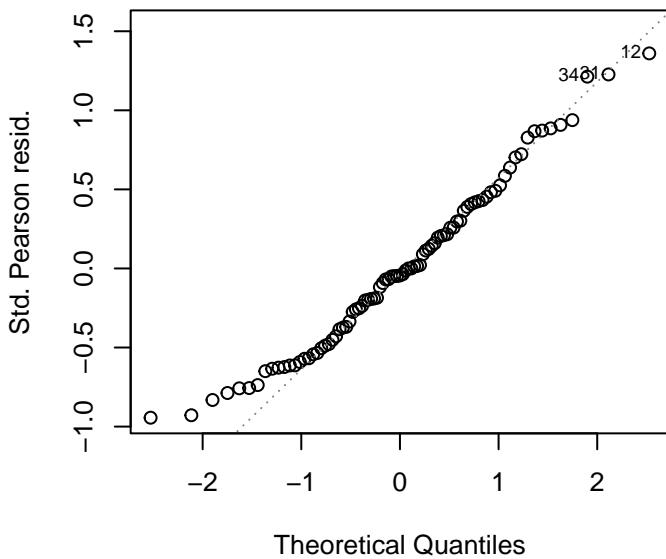


`glm(nsp ~ fish + julian_date + temp + 1)`

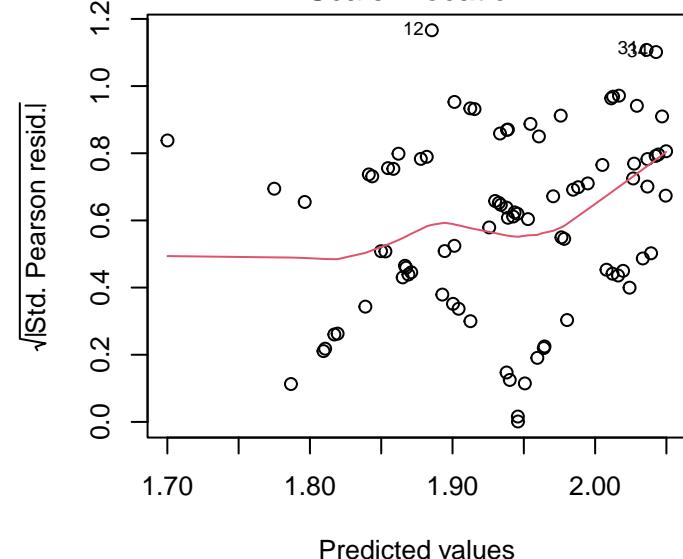
Residuals vs Fitted



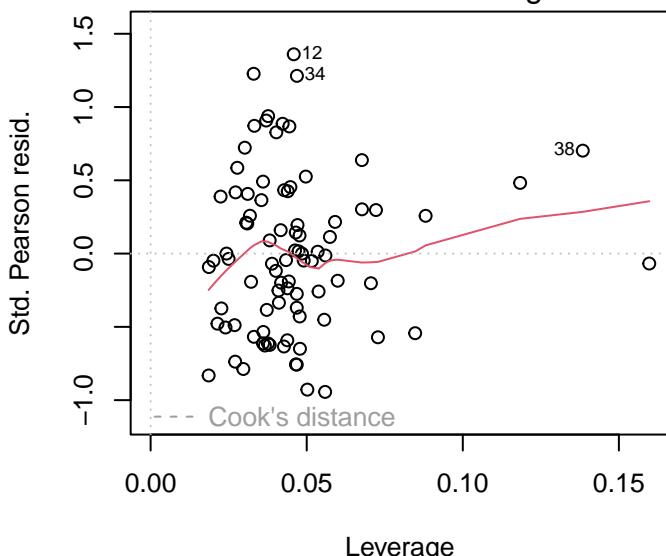
Normal Q-Q



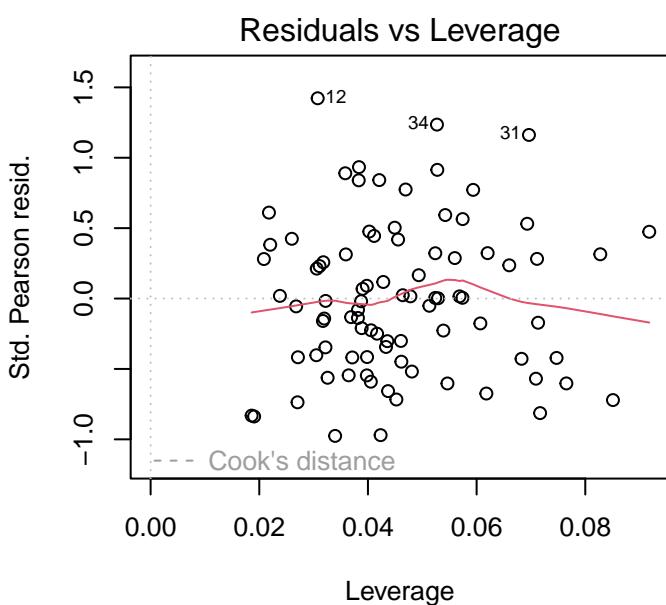
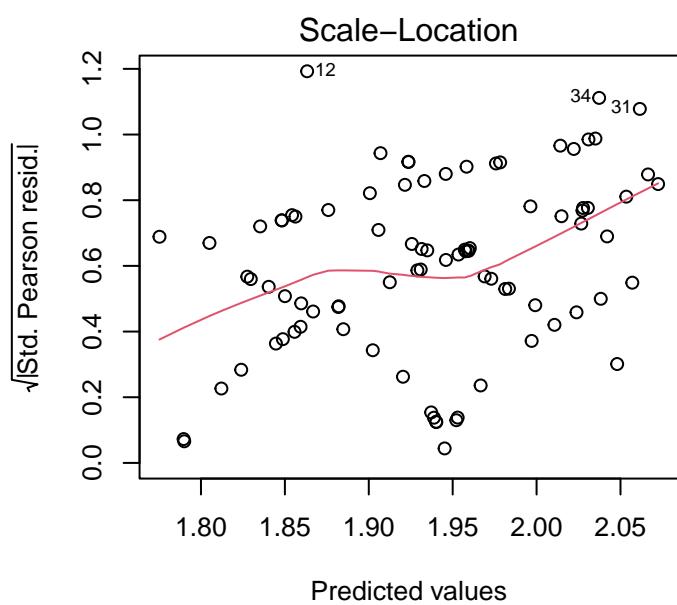
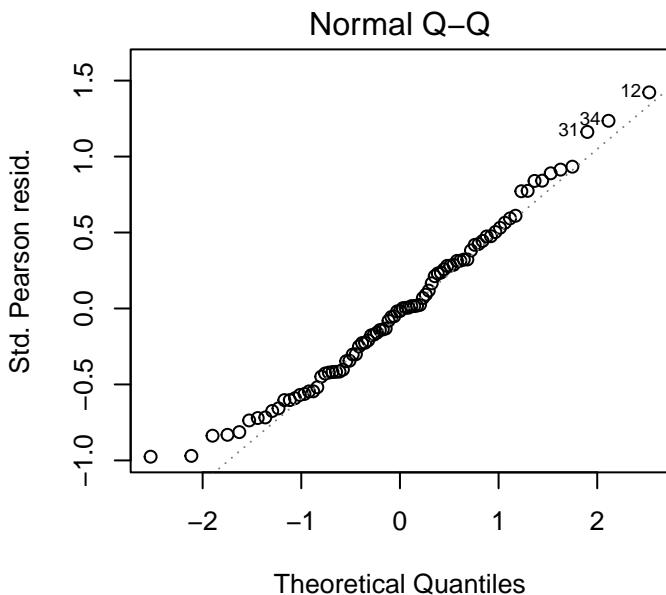
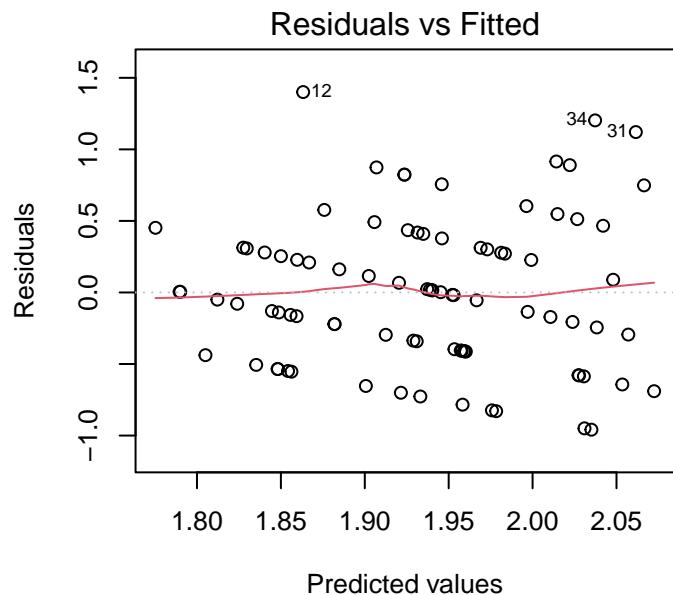
Scale–Location



Residuals vs Leverage

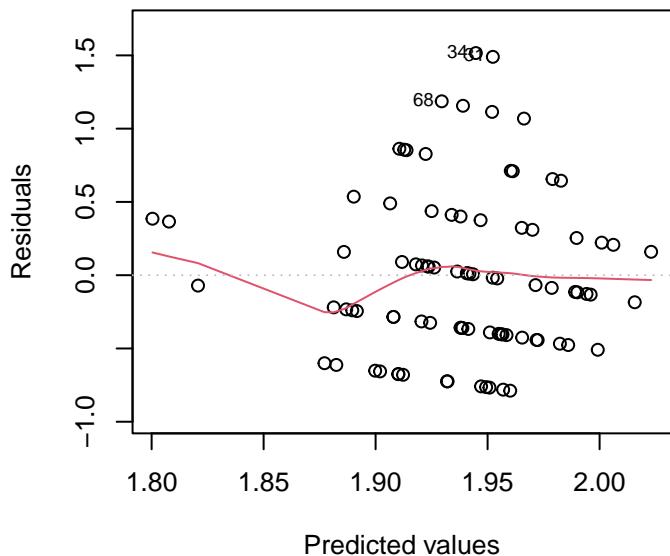


`glm(nsp ~ fish + julian_date + time_convert + 1)`

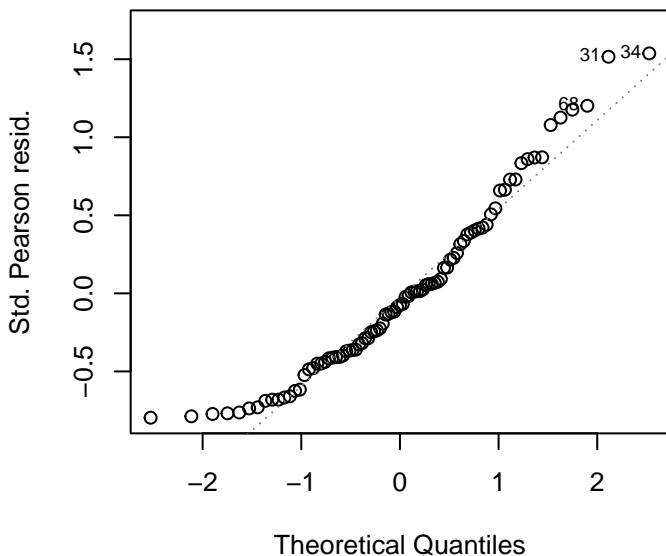


`glm(nsp ~ temp + time_convert + 1)`

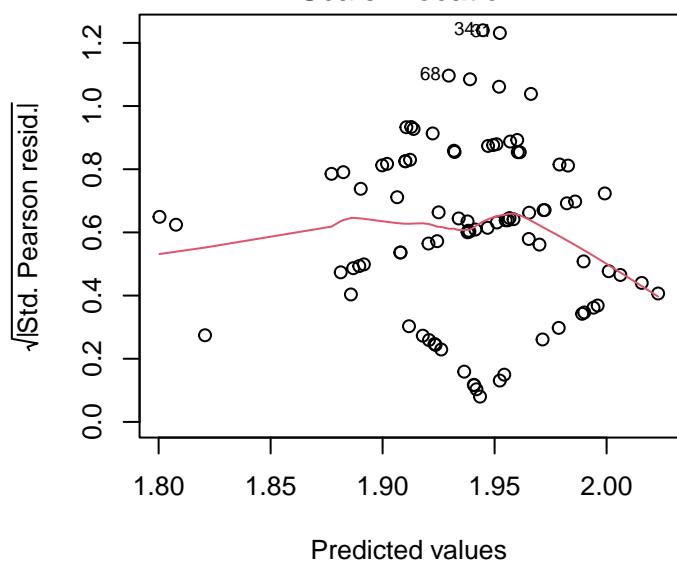
Residuals vs Fitted



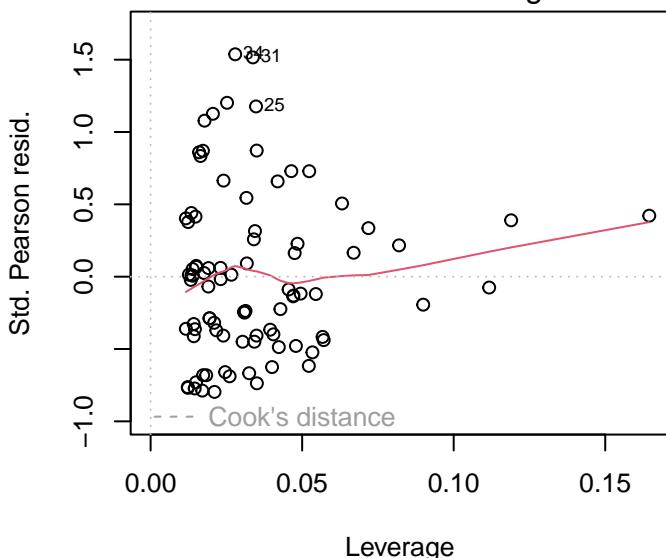
Normal Q-Q



Scale–Location

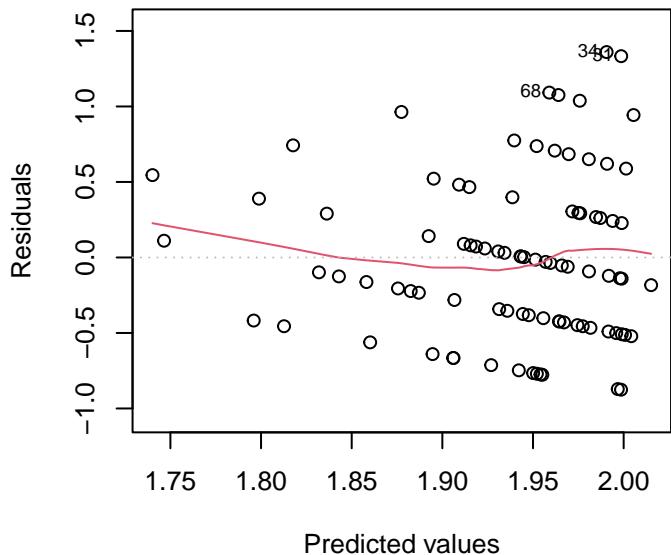


Residuals vs Leverage

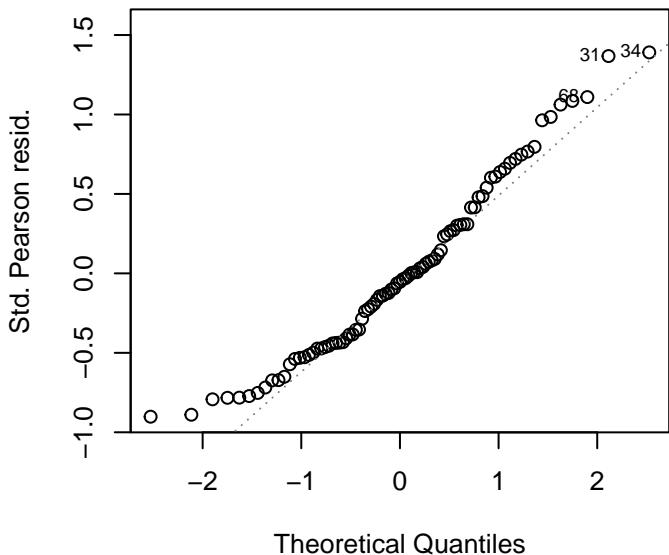


`glm(nsp ~ julian_date + temp + time_convert + 1)`

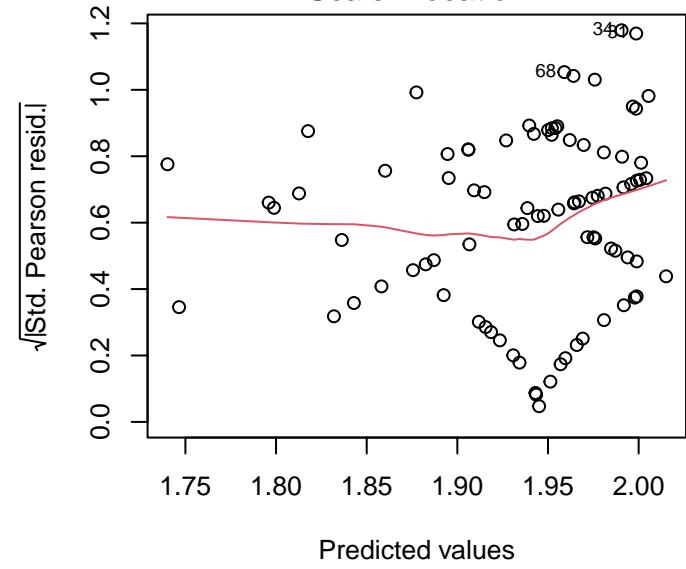
Residuals vs Fitted



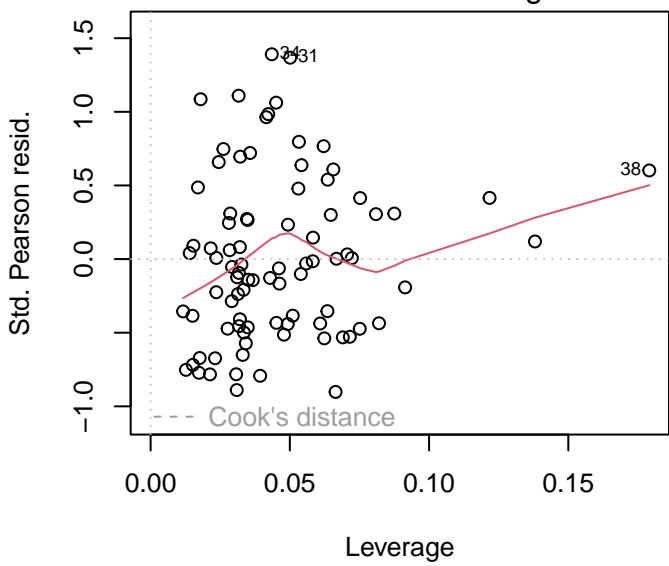
Normal Q–Q



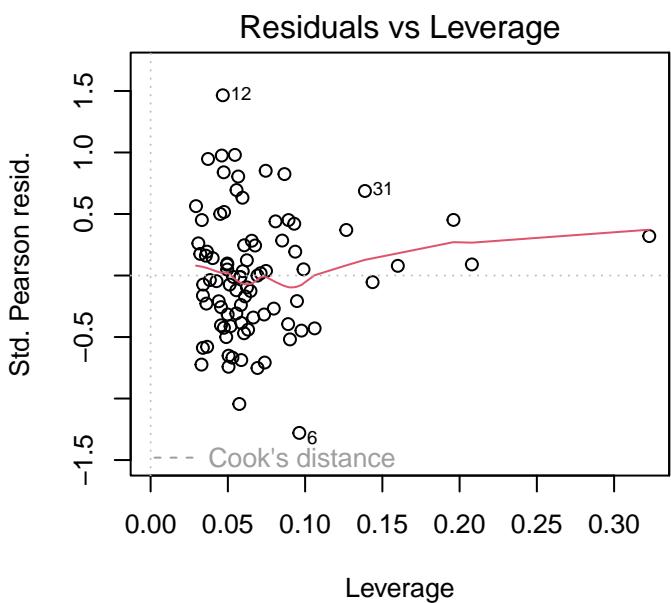
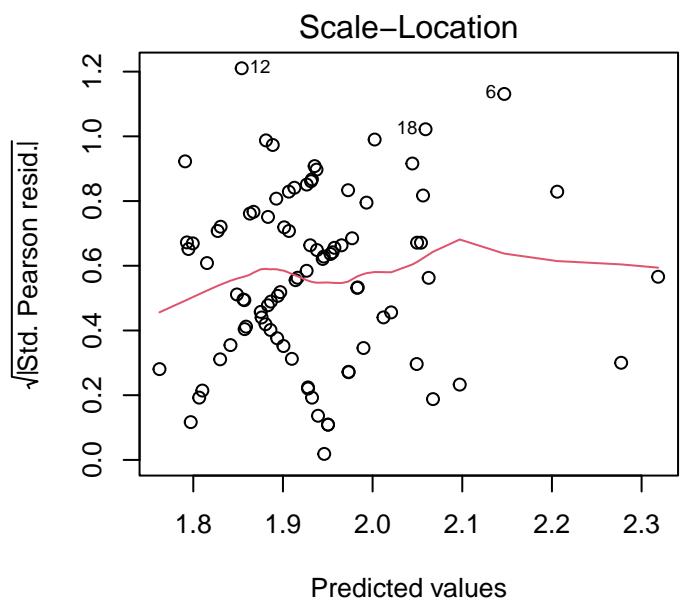
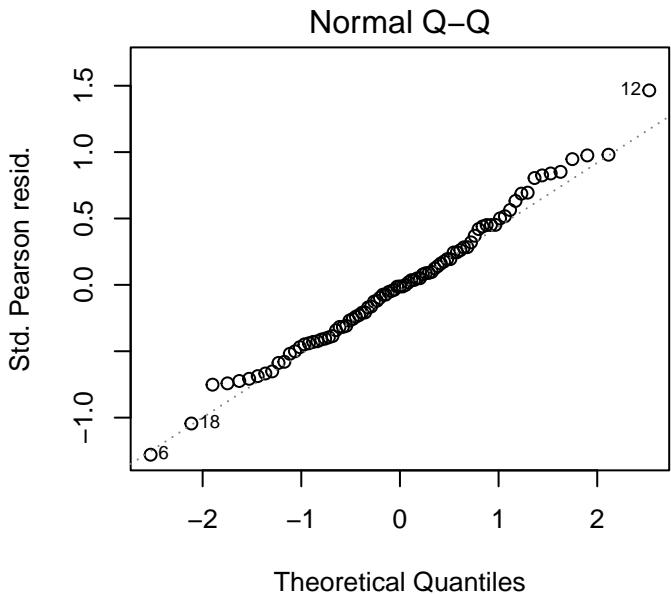
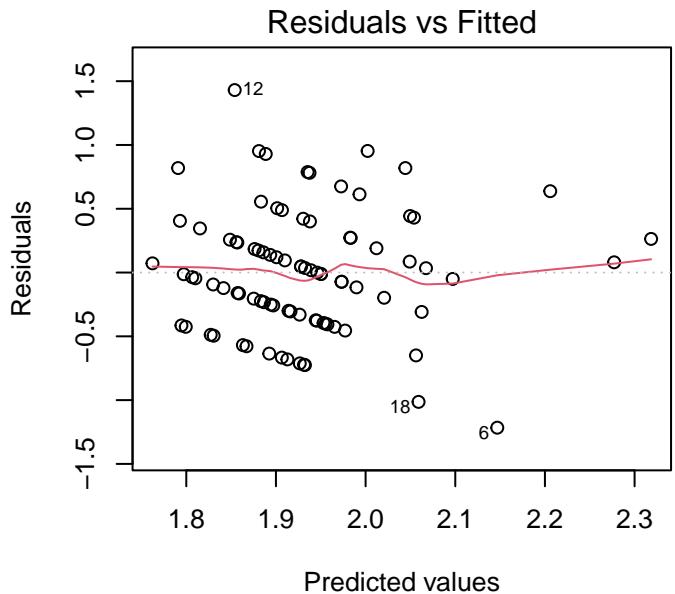
Scale–Location



Residuals vs Leverage

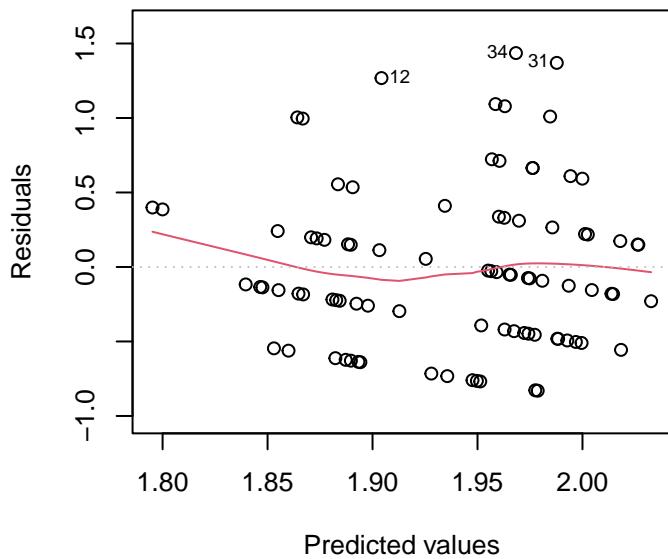


`glm(nsp ~ area + fish + julian_date + temp + time_convert + 1)`

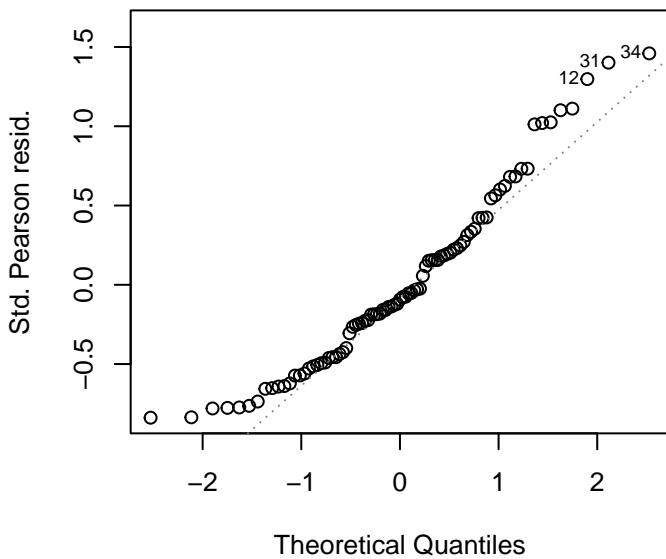


`glm(nsp ~ fish + temp + time_convert + 1)`

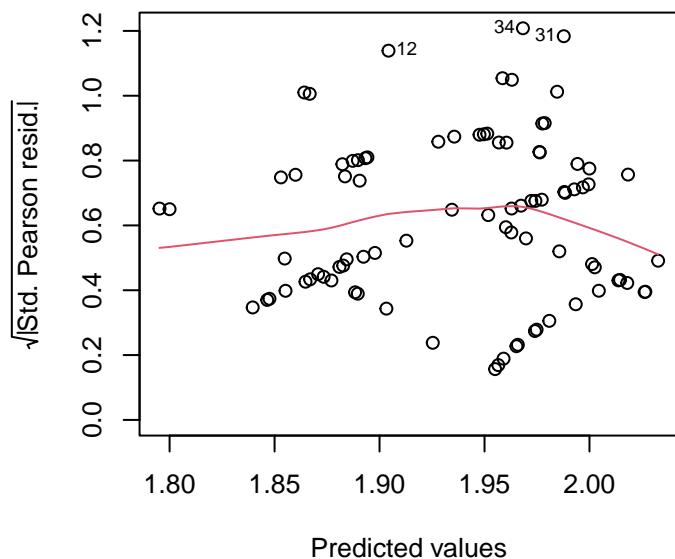
Residuals vs Fitted



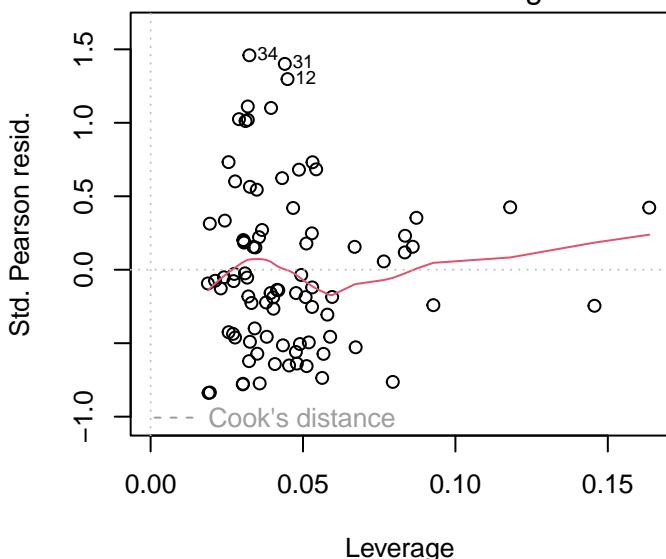
Normal Q–Q



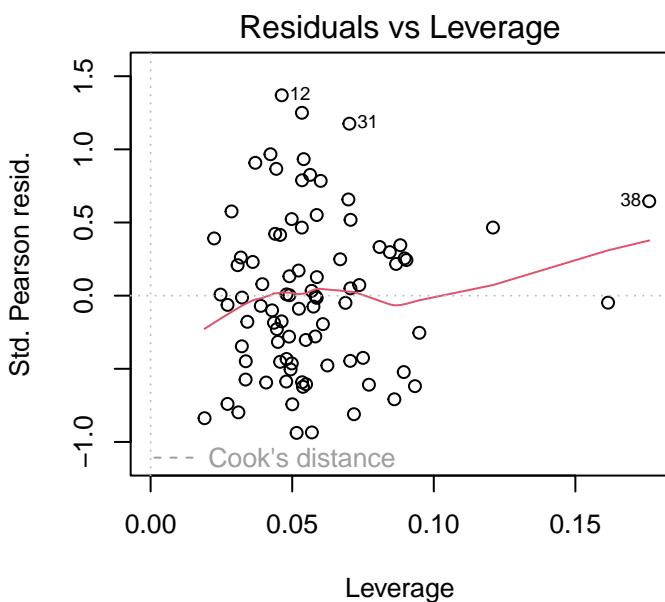
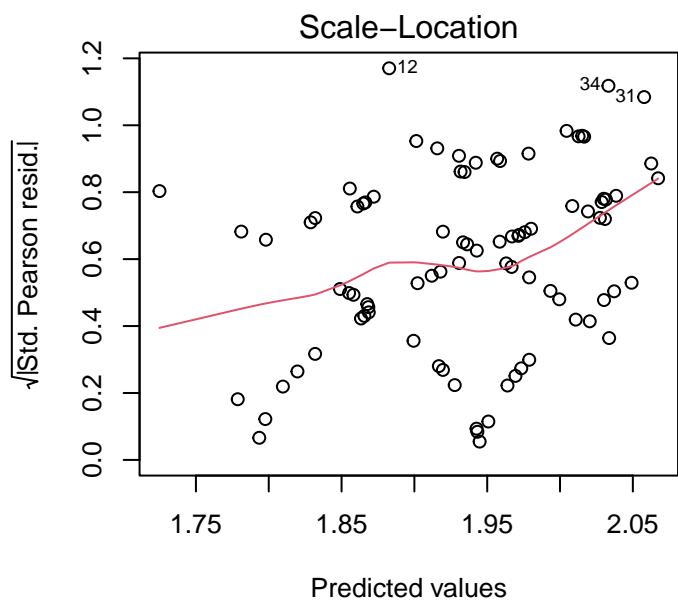
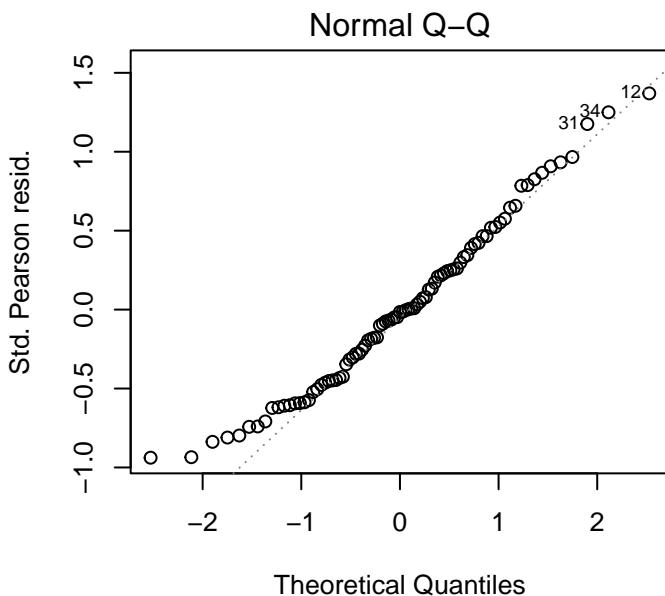
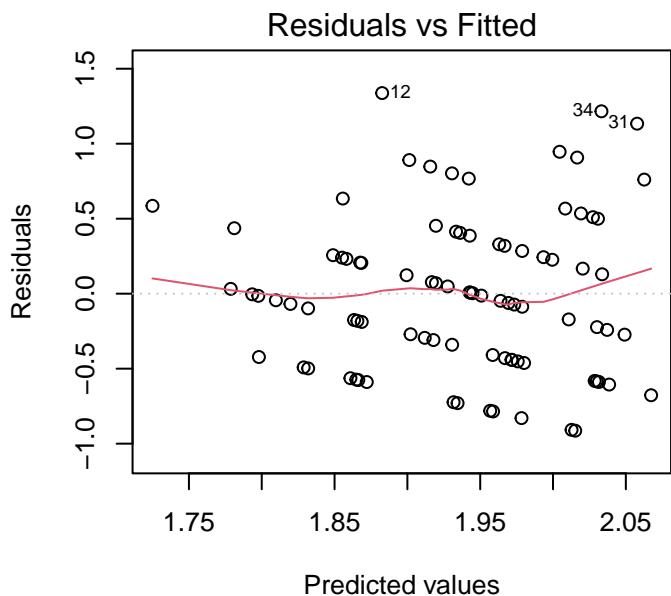
Scale–Location



Residuals vs Leverage

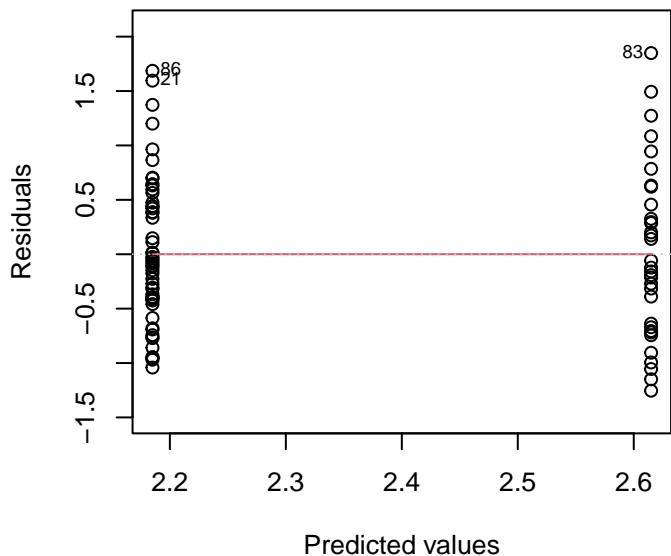


`glm(nsp ~ fish + julian_date + temp + time_convert + 1)`

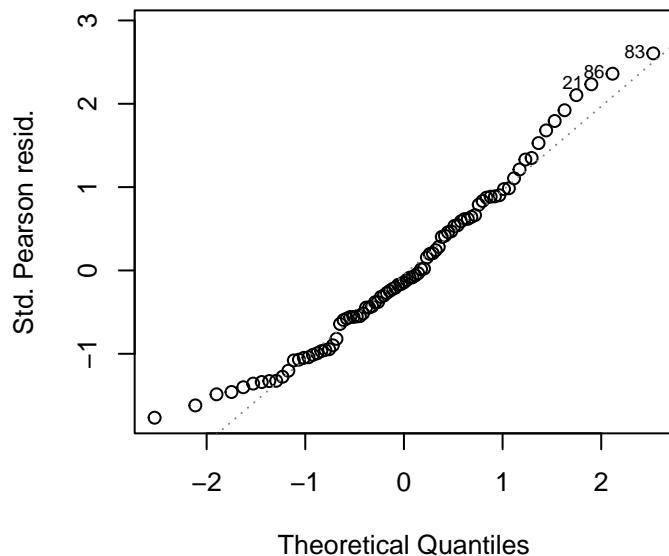


$glm(qDTM \sim fish + 1)$

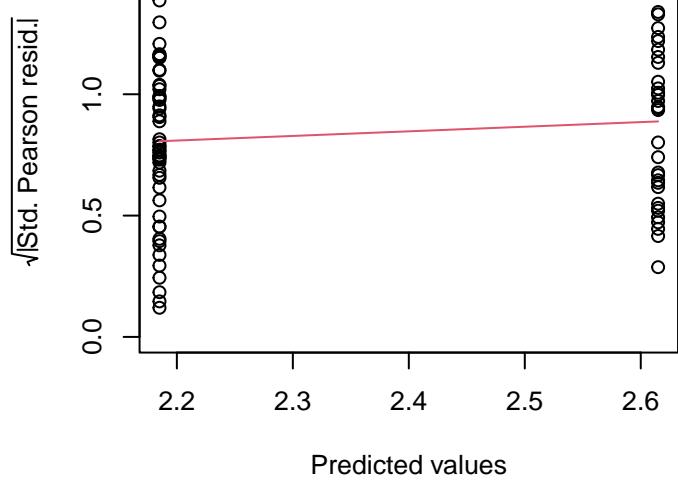
Residuals vs Fitted



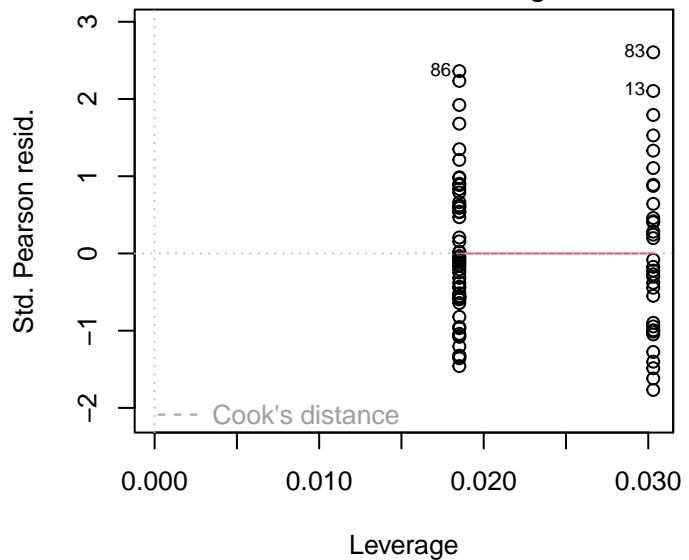
Normal Q-Q



Scale–Location

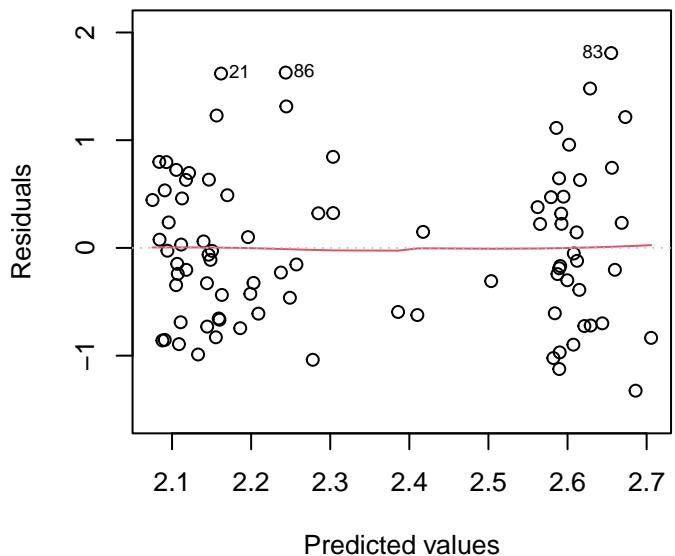


Residuals vs Leverage

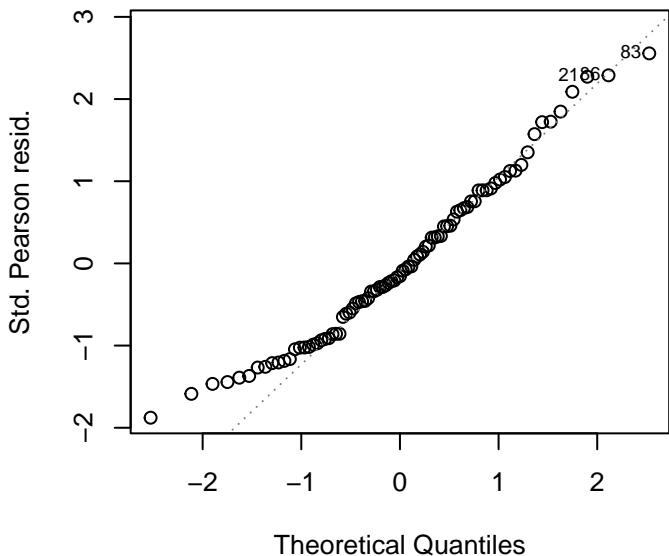


$\text{glm}(\text{qDTM} \sim \text{area} + \text{fish} + 1)$

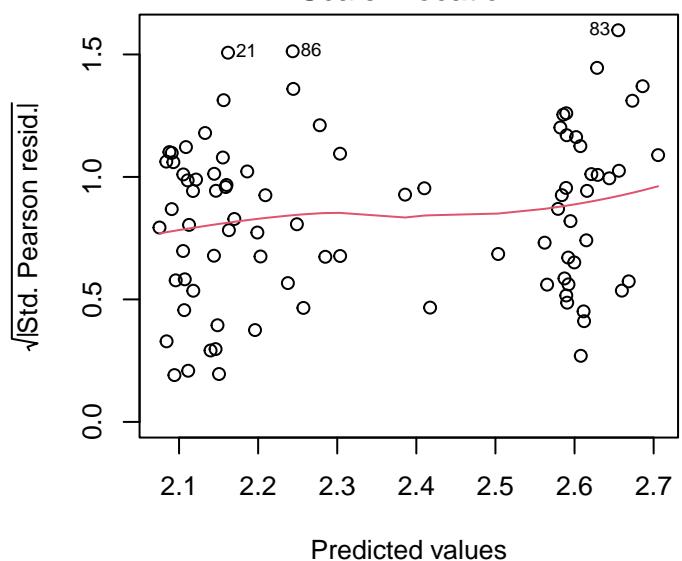
Residuals vs Fitted



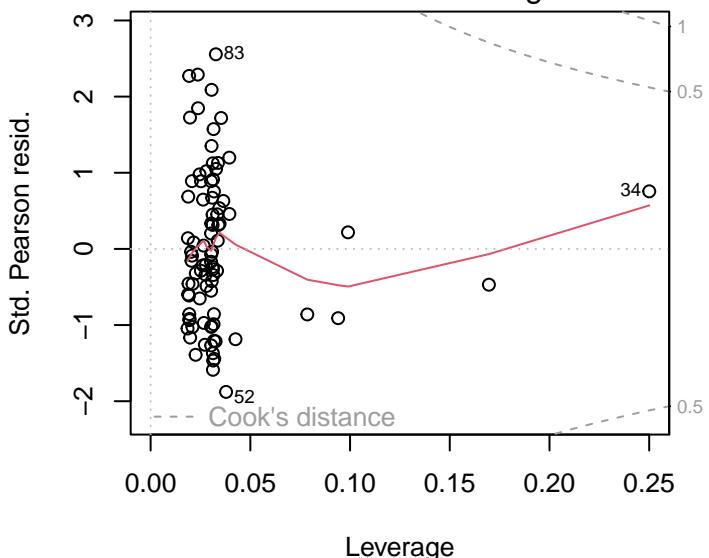
Normal Q–Q



Scale–Location

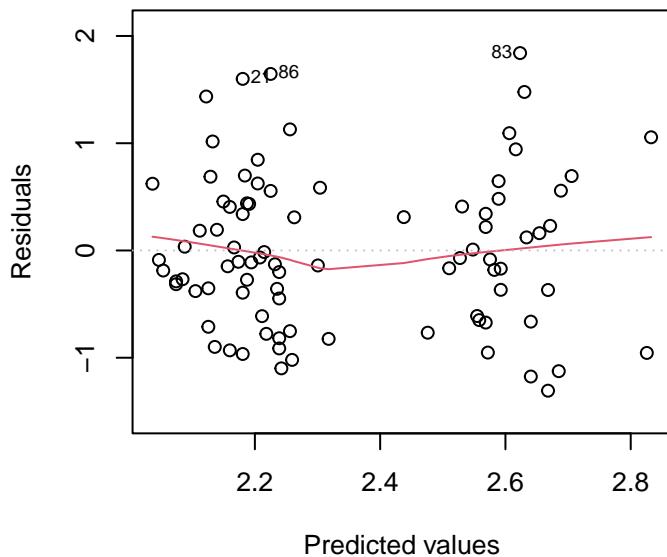


Residuals vs Leverage

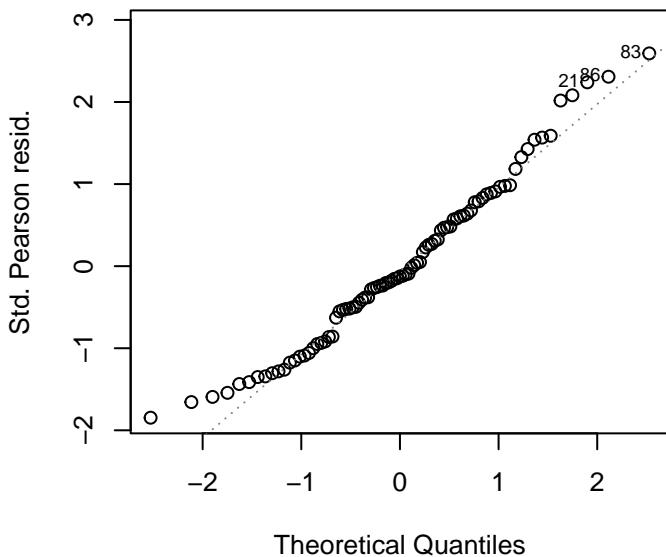


$\text{glm}(\text{qDTM} \sim \text{fish} + \text{temp} + 1)$

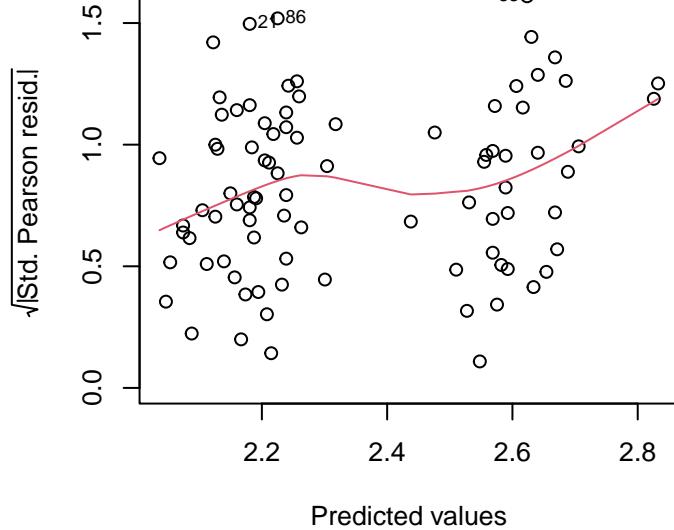
Residuals vs Fitted



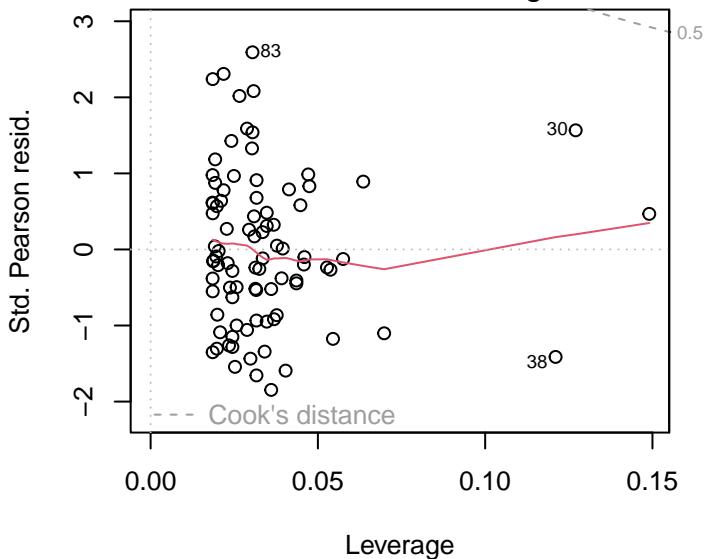
Normal Q-Q



Scale–Location

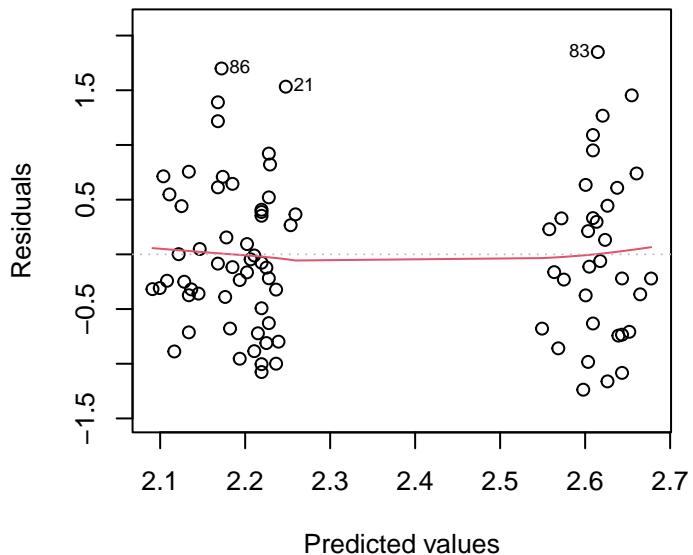


Residuals vs Leverage

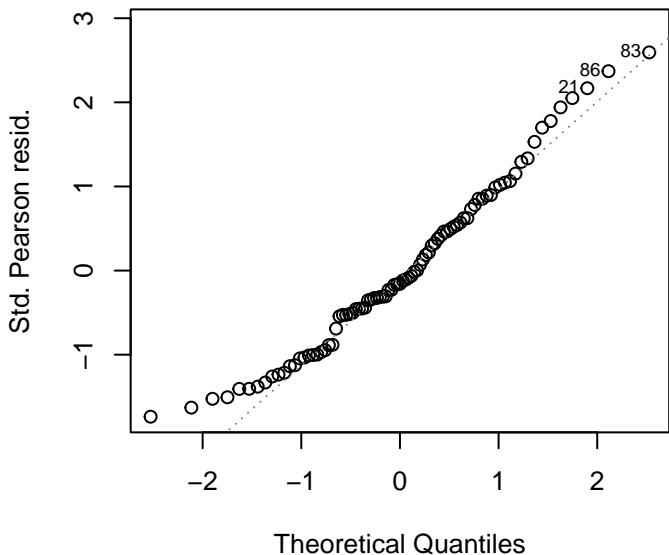


`glm(qDTM ~ fish + time_convert + 1)`

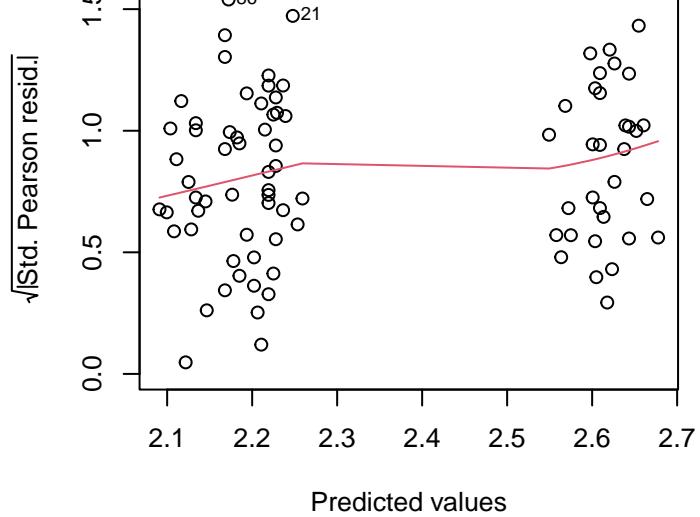
Residuals vs Fitted



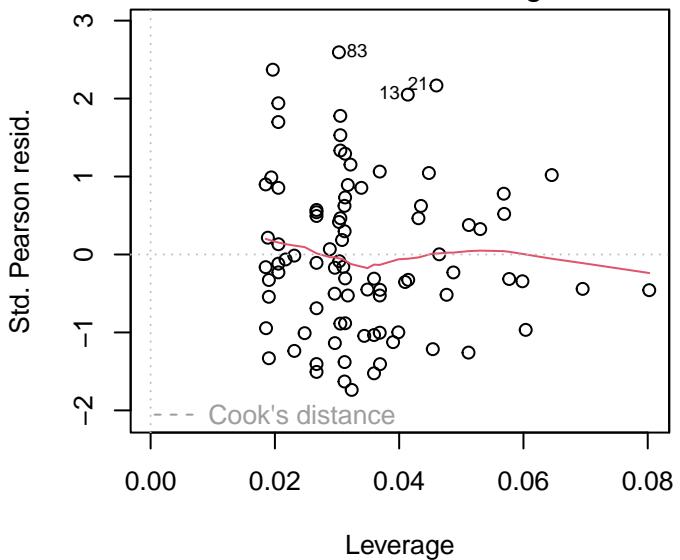
Normal Q-Q



Scale–Location



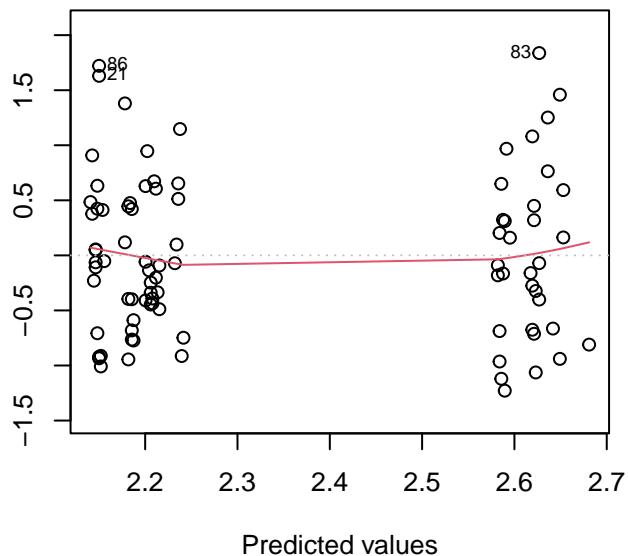
Residuals vs Leverage



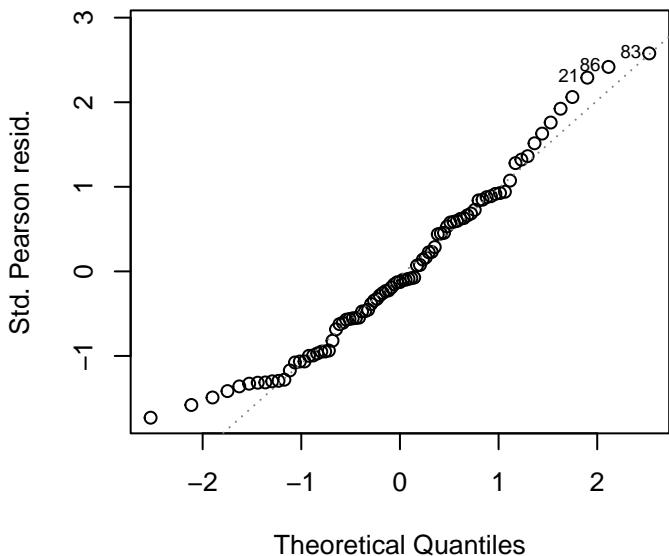
`glm(qDTM ~ fish + julian_date + 1)`

Residuals vs Fitted

Residuals

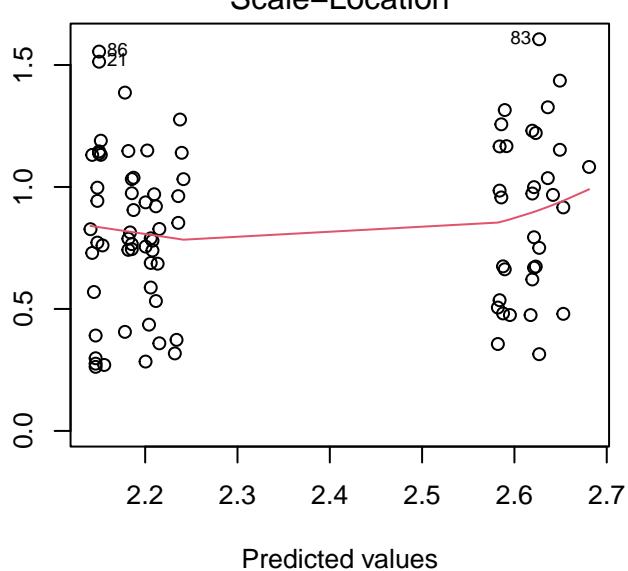


Normal Q–Q

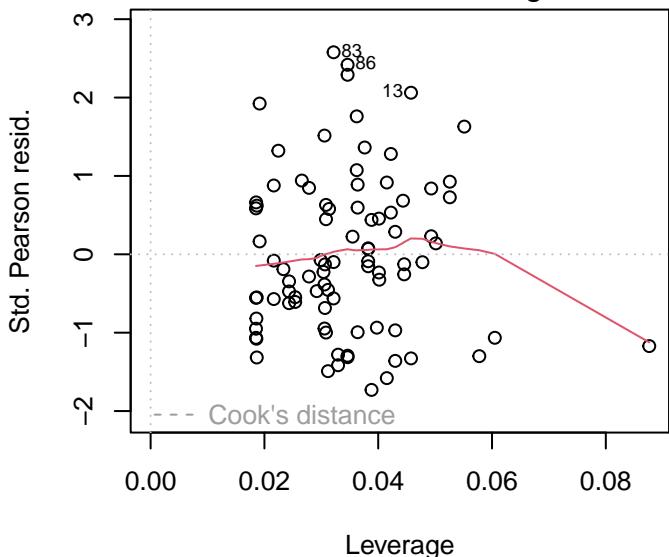


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

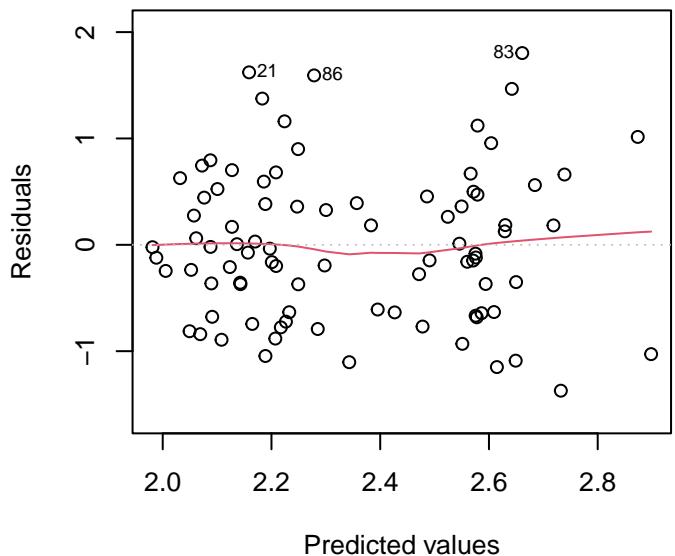


Residuals vs Leverage

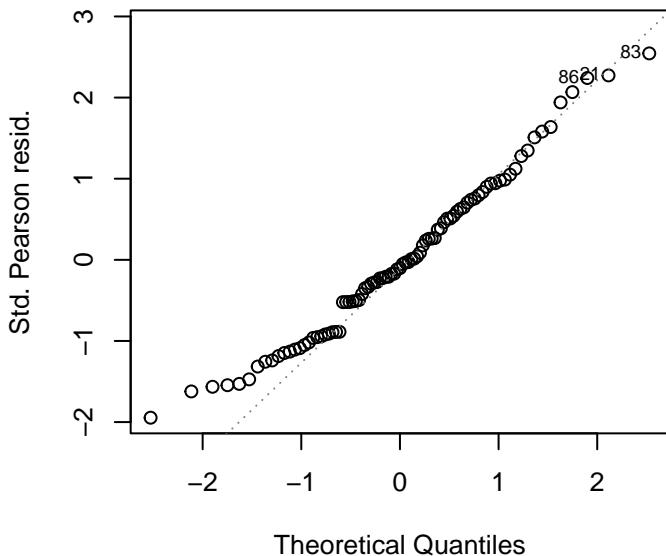


$\text{glm(qDTM} \sim \text{area} + \text{fish} + \text{temp} + 1)$

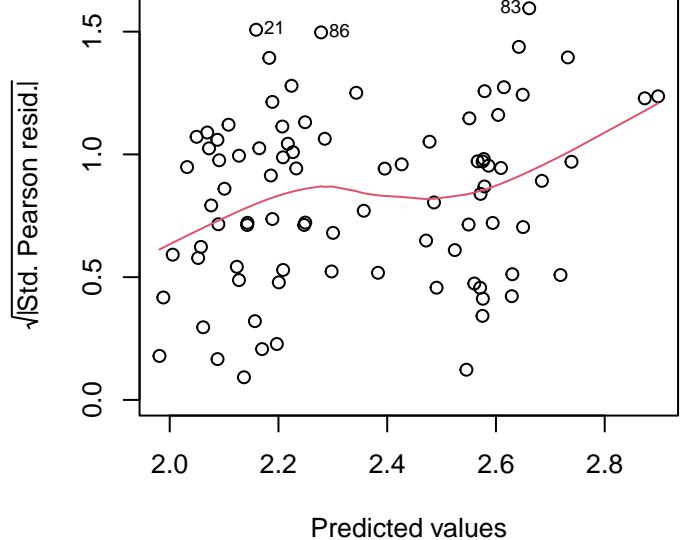
Residuals vs Fitted



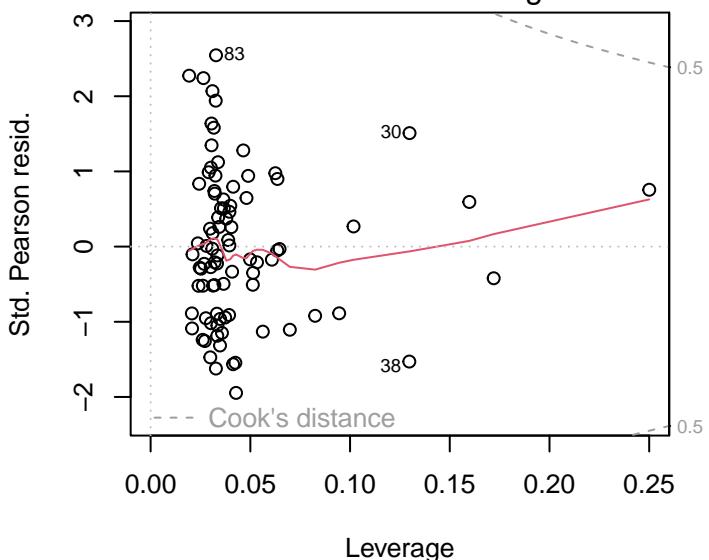
Normal Q–Q



Scale–Location

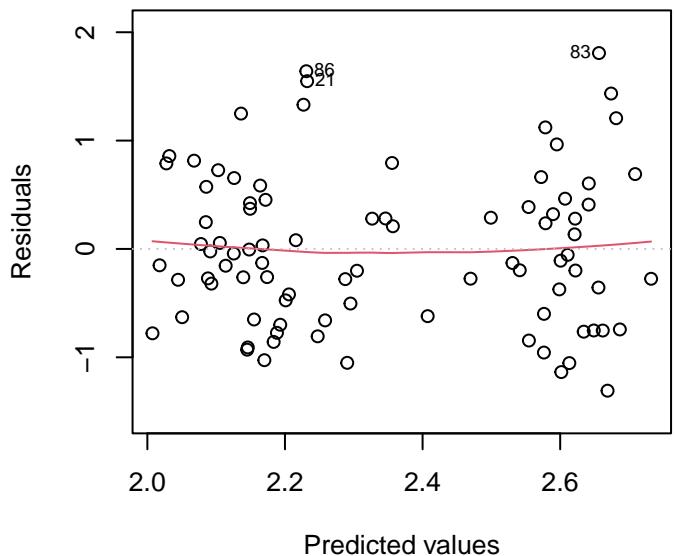


Residuals vs Leverage

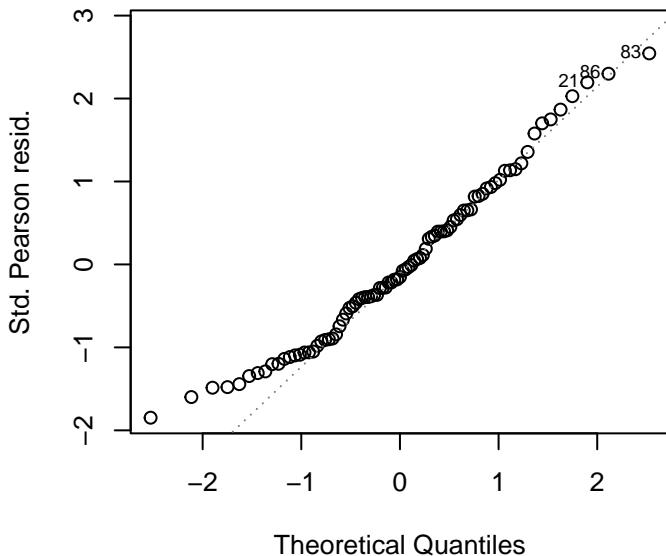


`glm(qDTM ~ area + fish + time_convert + 1)`

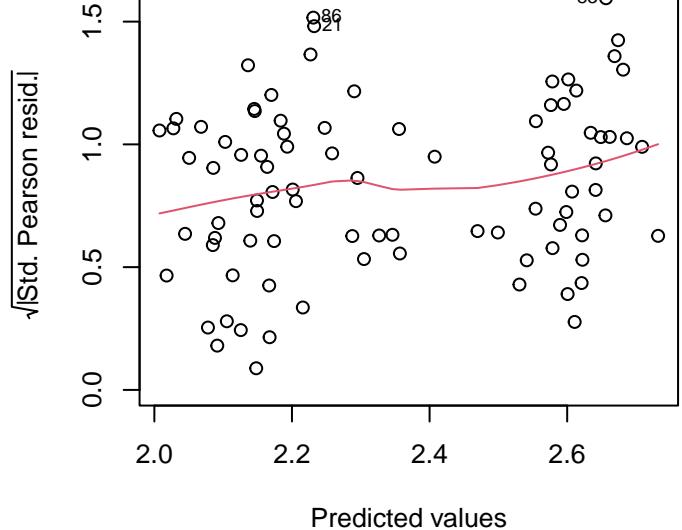
Residuals vs Fitted



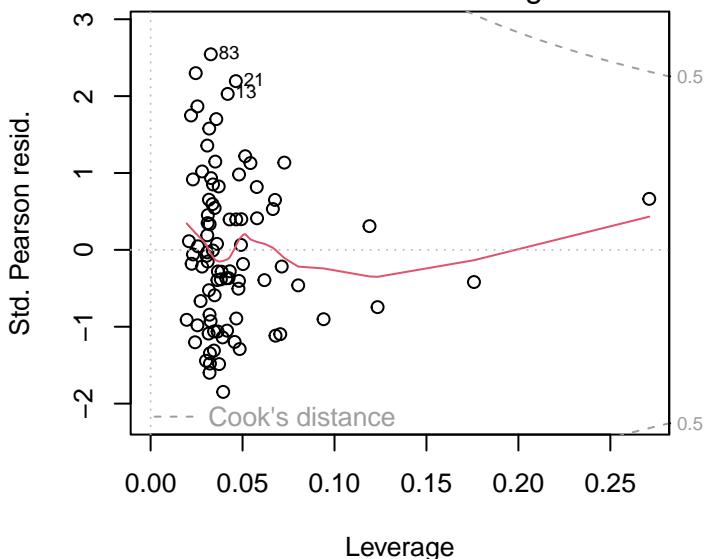
Normal Q-Q



Scale–Location

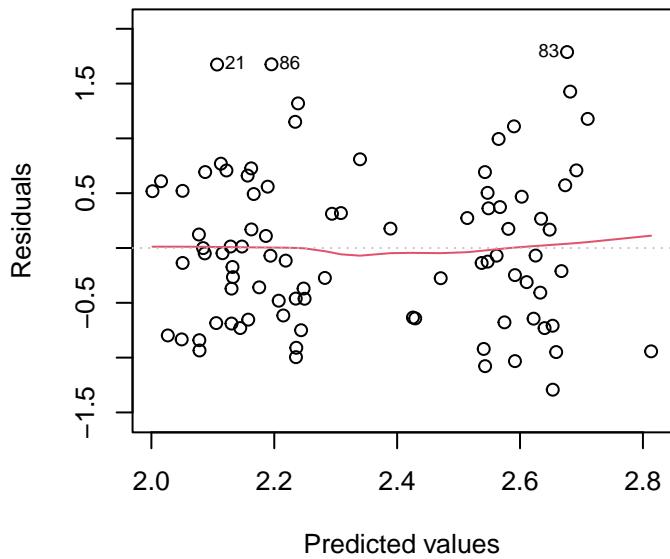


Residuals vs Leverage

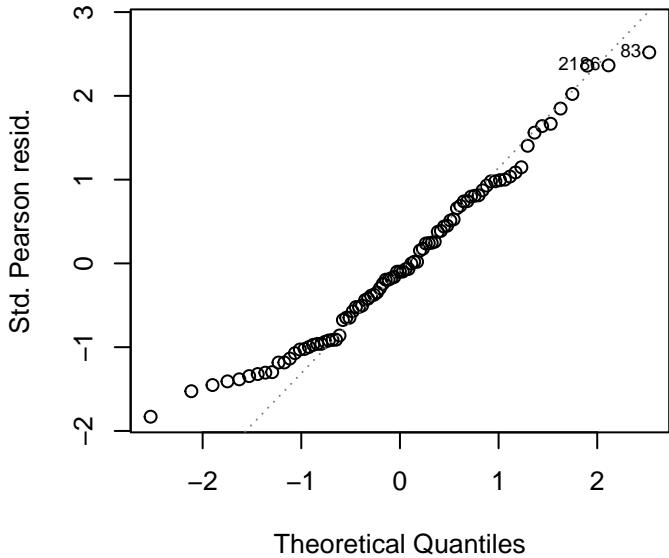


`glm(qDTM ~ area + fish + julian_date + 1)`

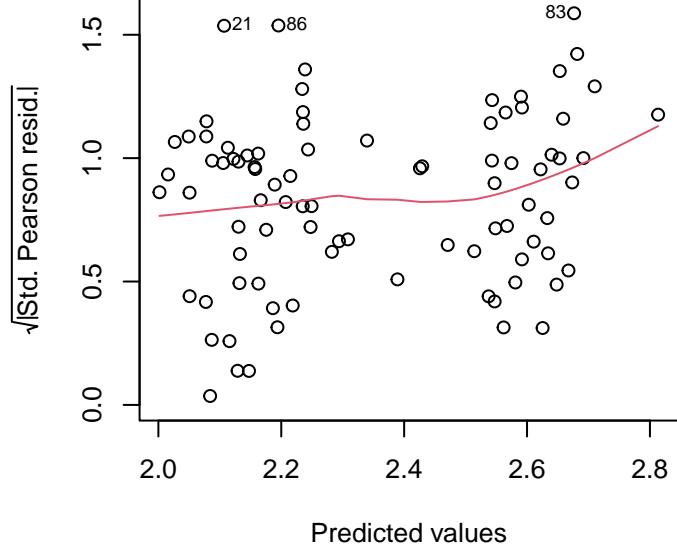
Residuals vs Fitted



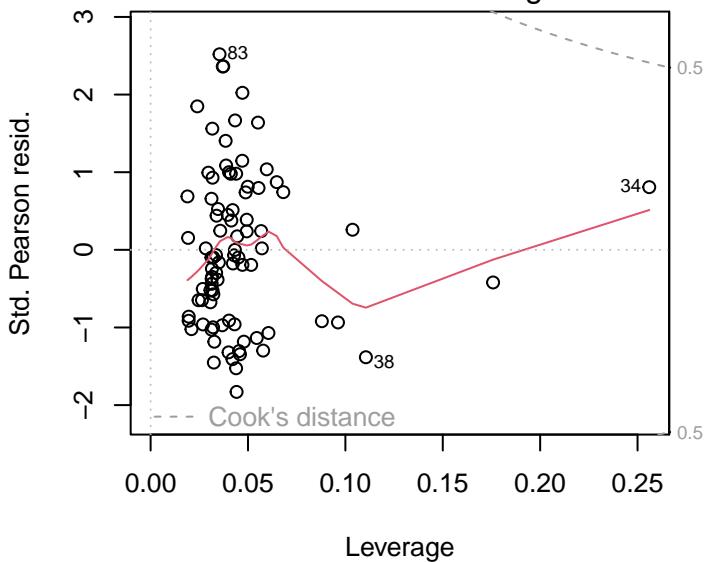
Normal Q–Q



Scale–Location

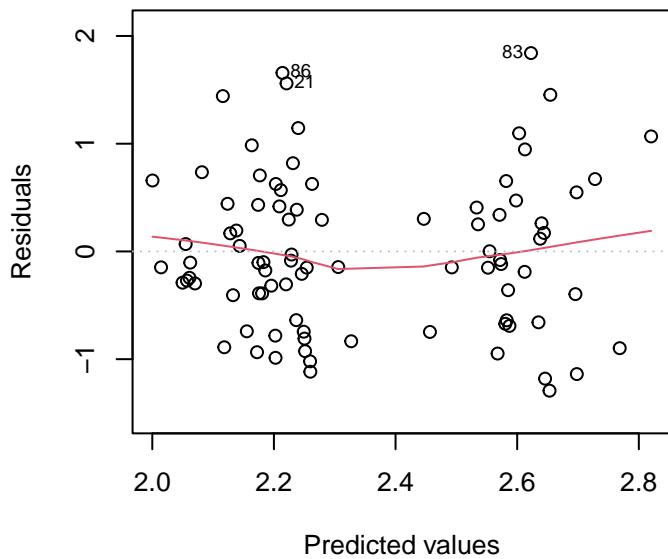


Residuals vs Leverage

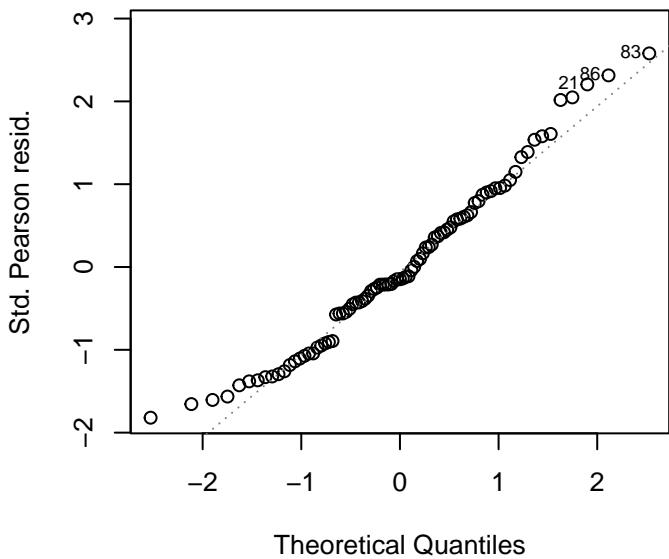


`glm(qDTM ~ fish + temp + time_convert + 1)`

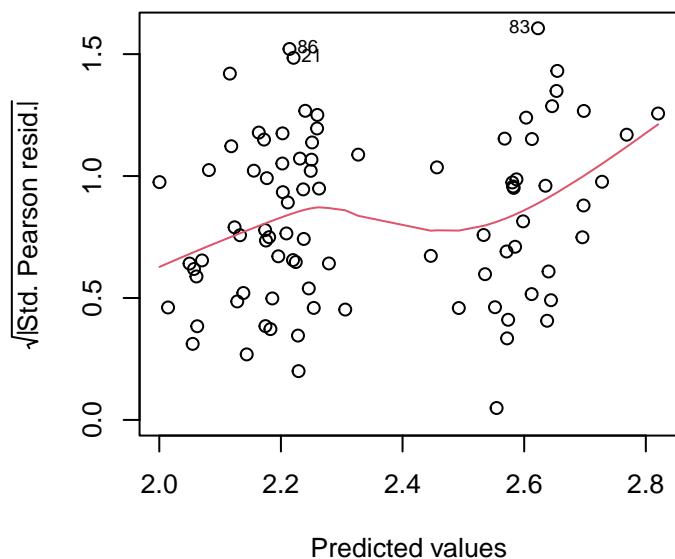
Residuals vs Fitted



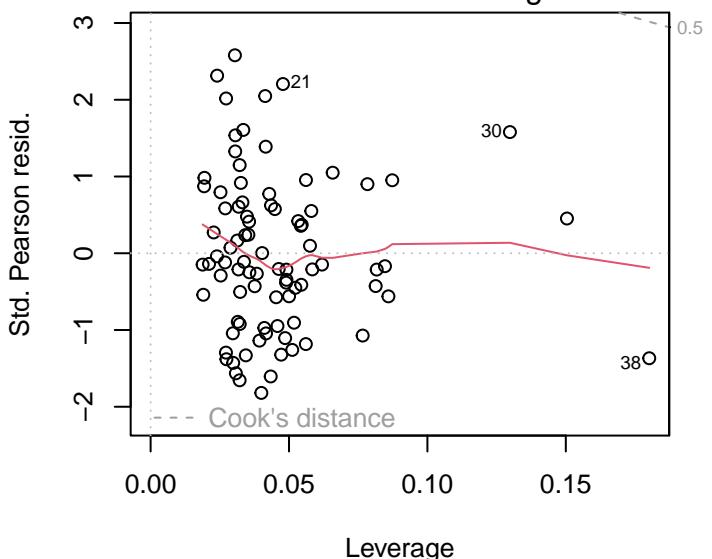
Normal Q–Q



Scale–Location

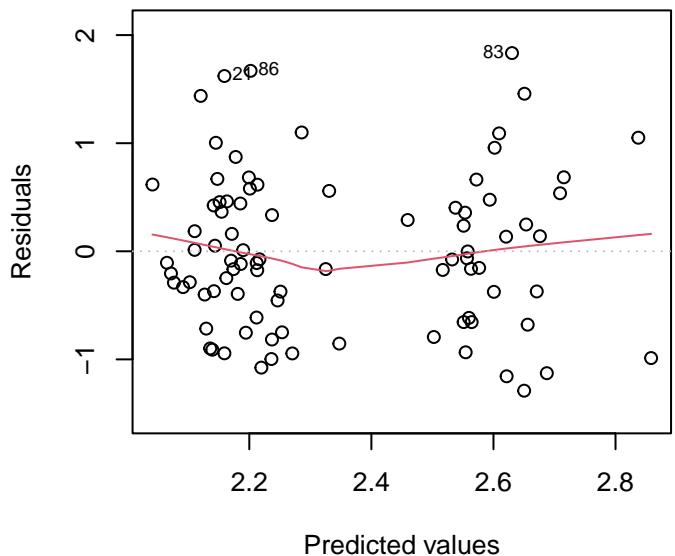


Residuals vs Leverage

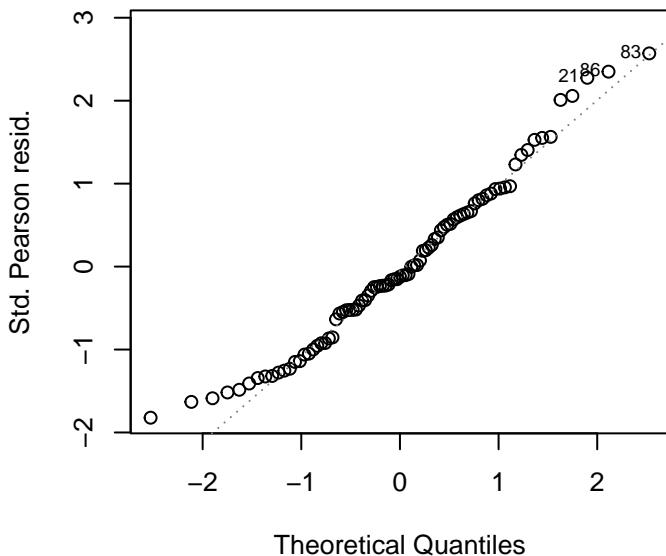


`glm(qDTM ~ fish + julian_date + temp + 1)`

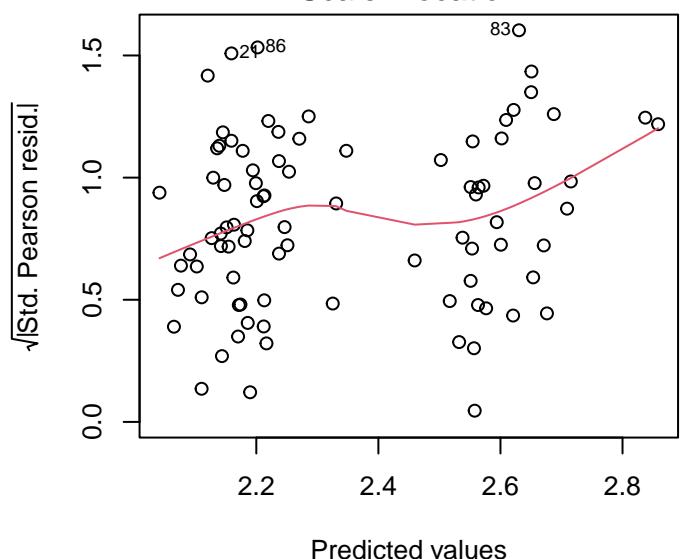
Residuals vs Fitted



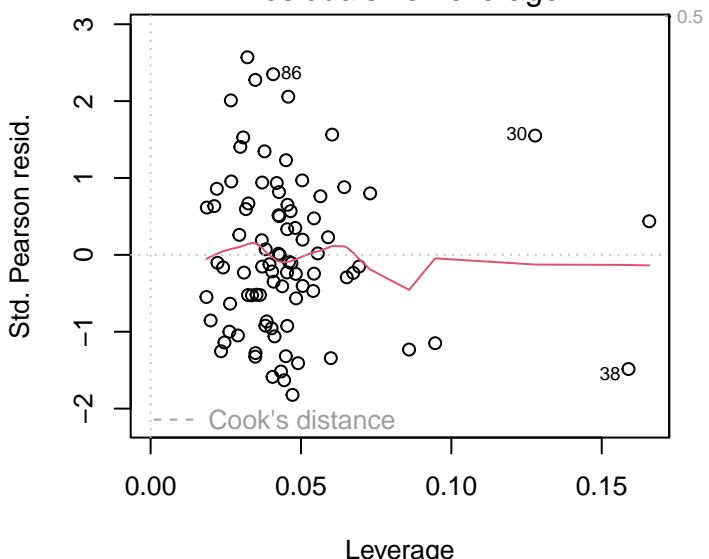
Normal Q–Q



Scale–Location



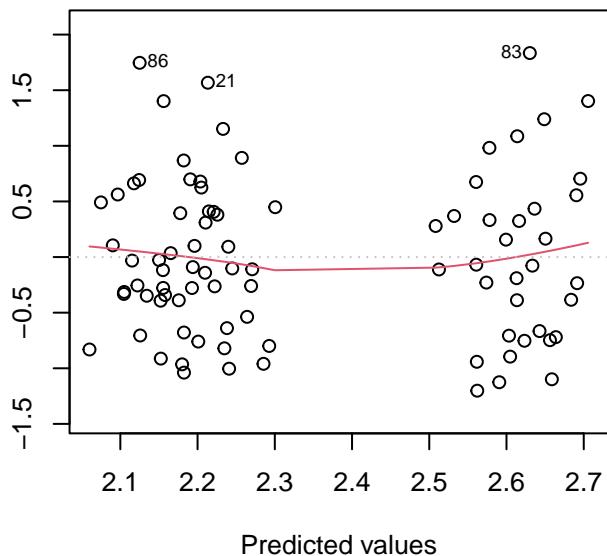
Residuals vs Leverage



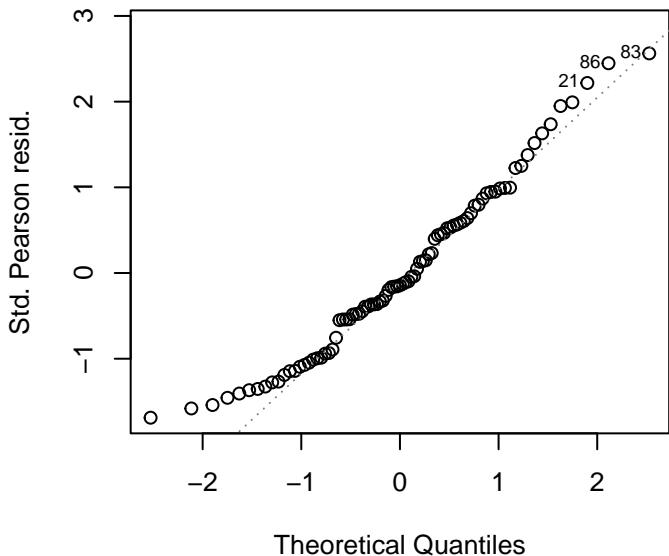
`glm(qDTM ~ fish + julian_date + time_convert + 1)`

Residuals vs Fitted

Residuals

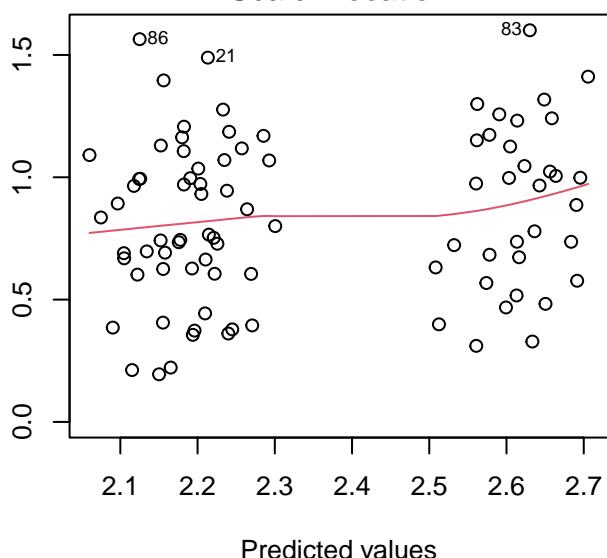


Normal Q–Q

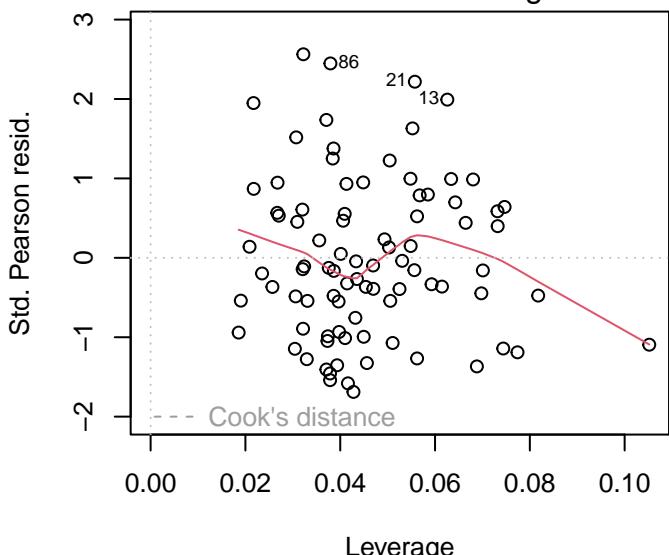


Scale–Location

$\sqrt{|\text{Std. Pearson resid}|}$

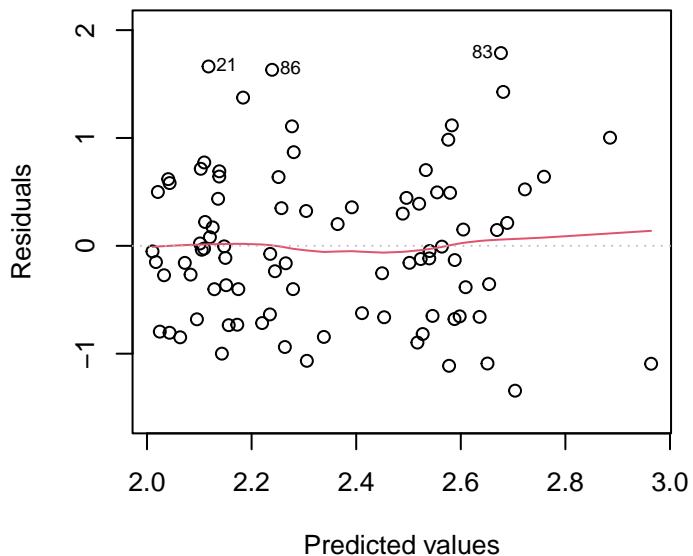


Residuals vs Leverage

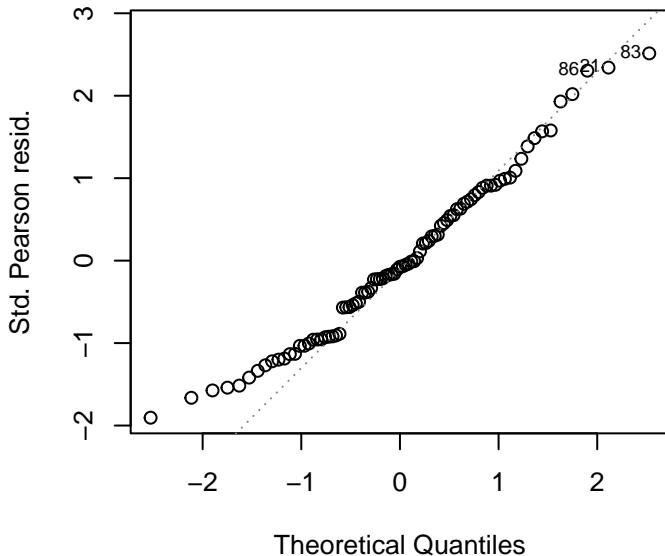


`glm(qDTM ~ area + fish + julian_date + temp + 1)`

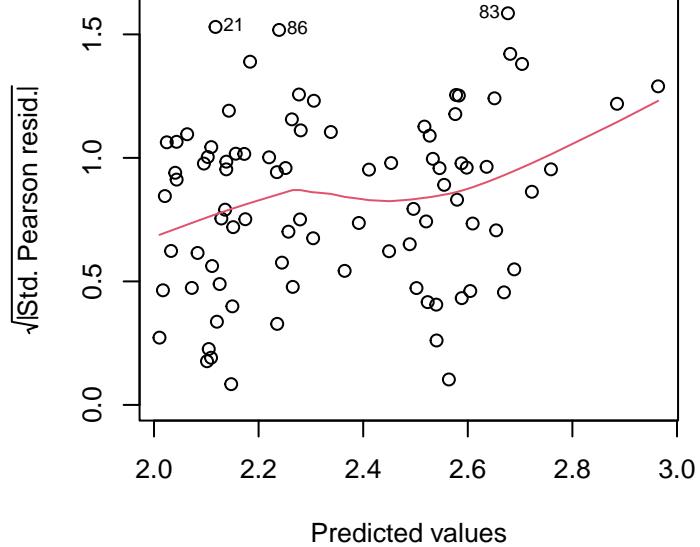
Residuals vs Fitted



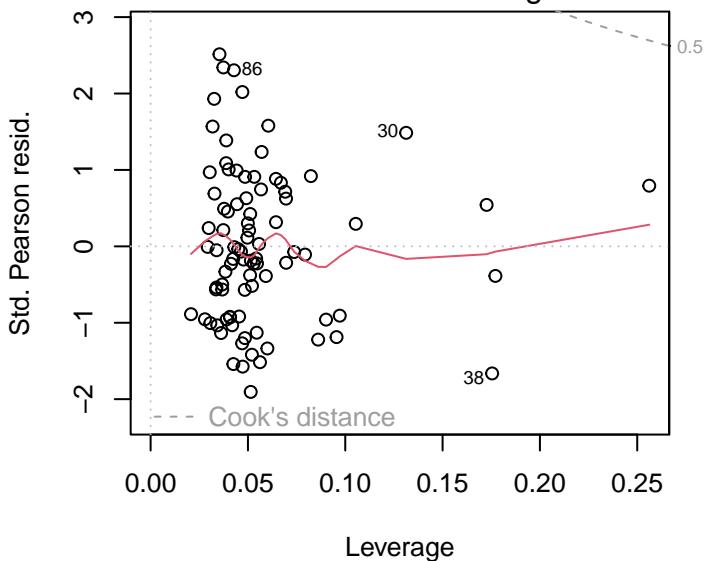
Normal Q–Q



Scale–Location

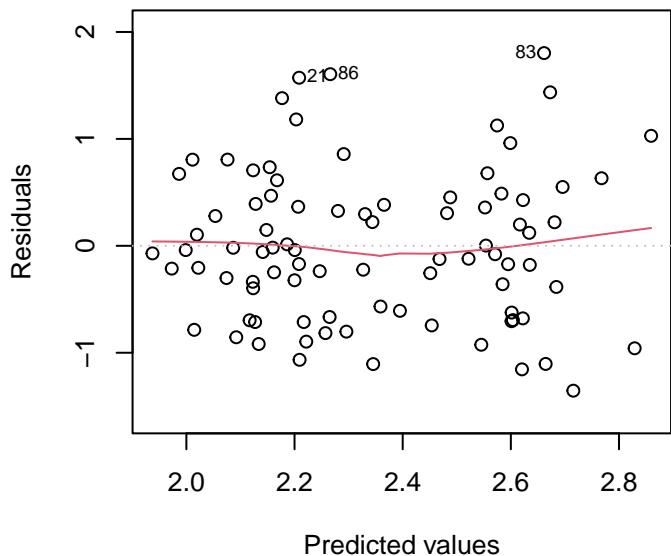


Residuals vs Leverage

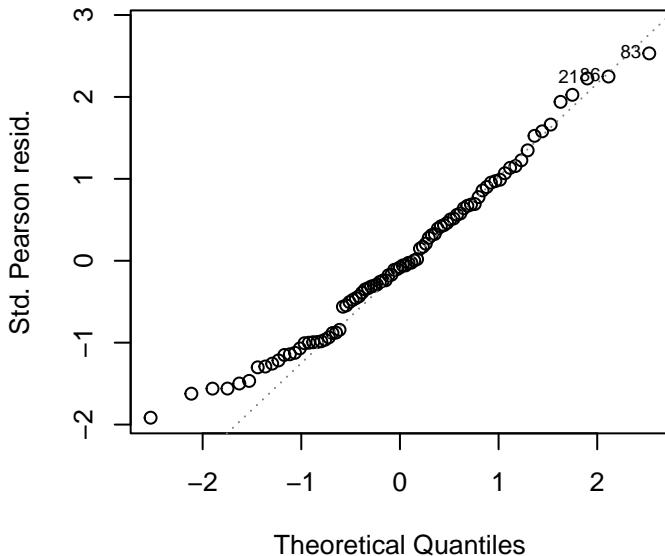


`glm(qDTM ~ area + fish + temp + time_convert + 1)`

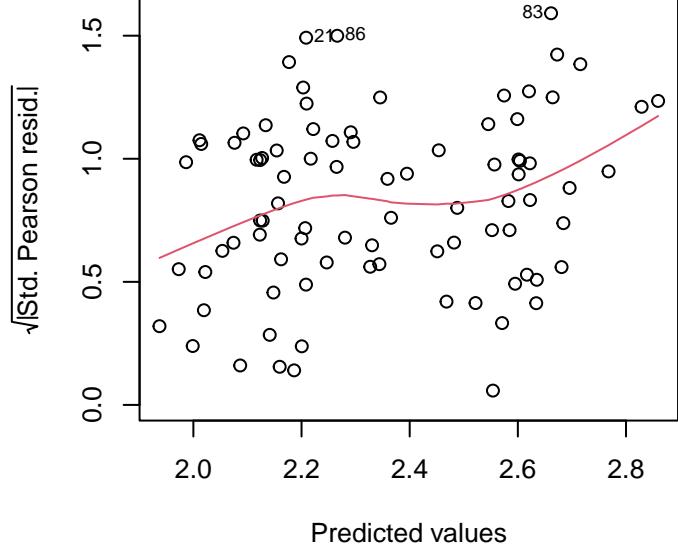
Residuals vs Fitted



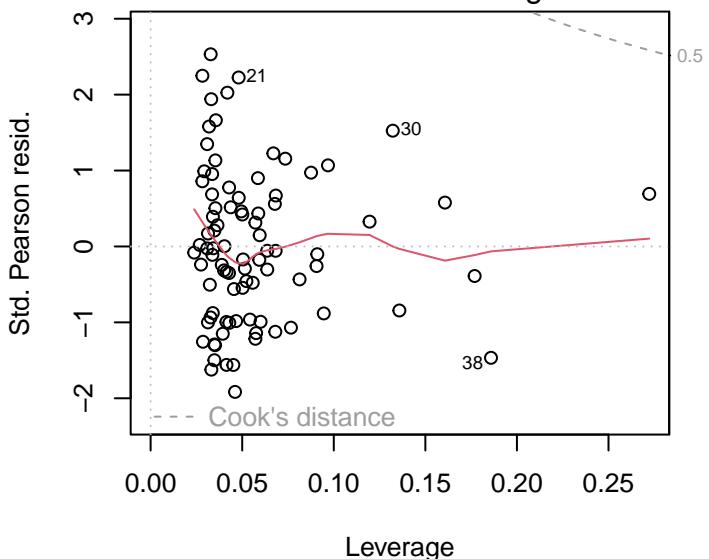
Normal Q–Q



Scale–Location

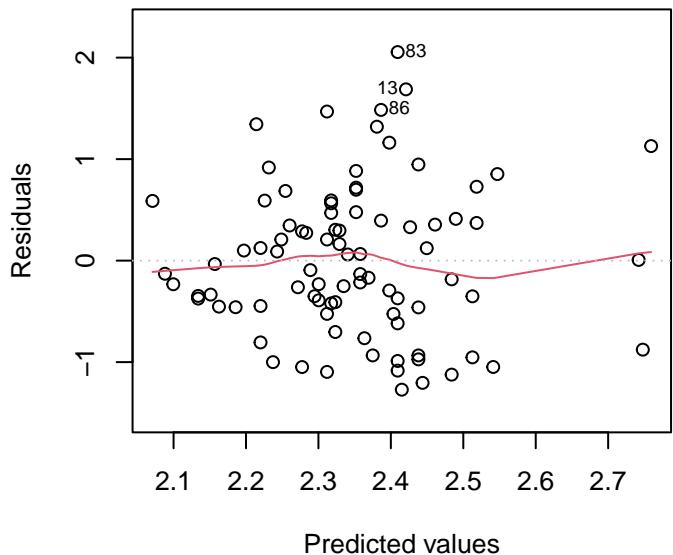


Residuals vs Leverage

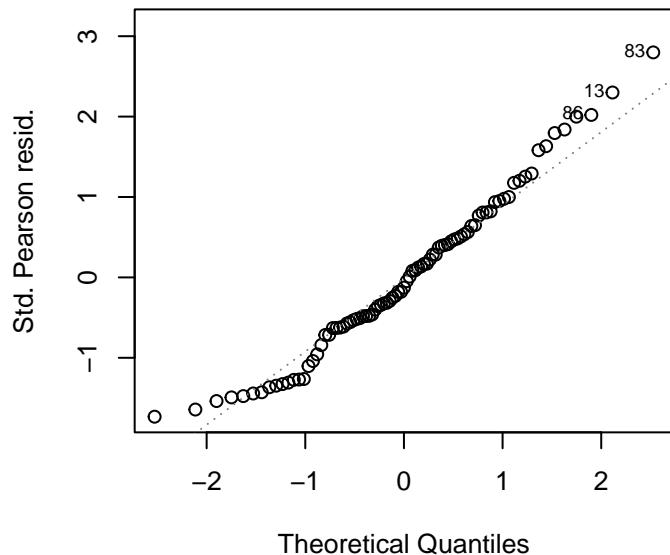


$\text{glm}(\text{qDTM} \sim \text{temp} + 1)$

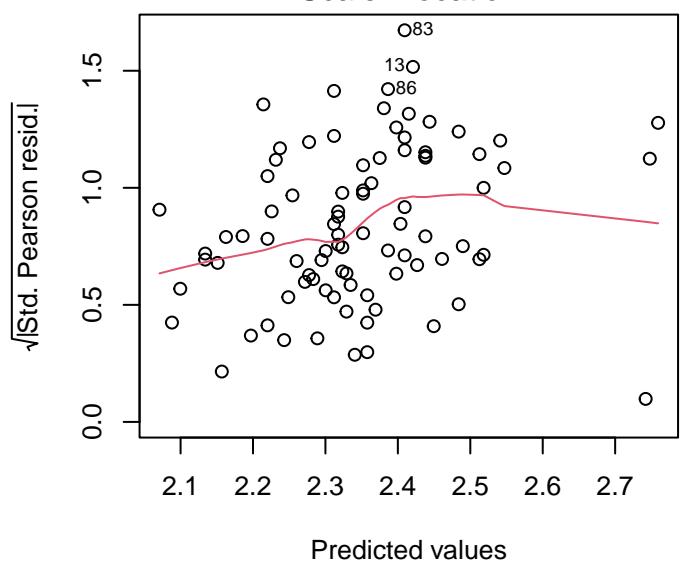
Residuals vs Fitted



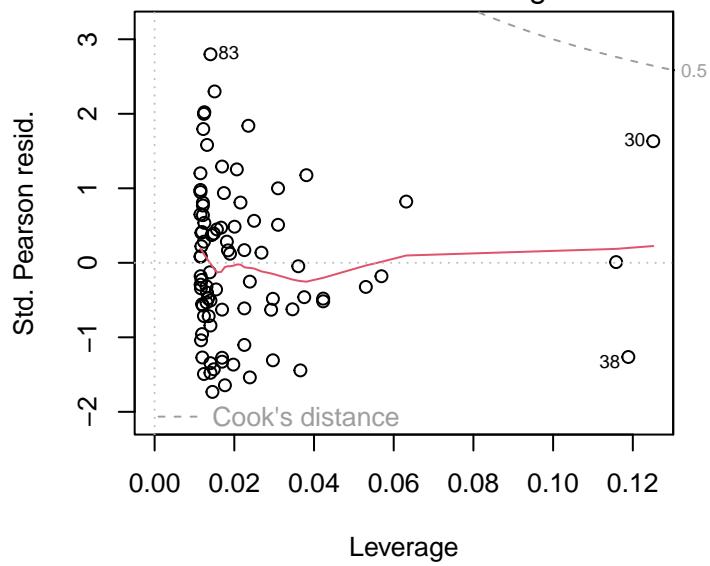
Normal Q–Q



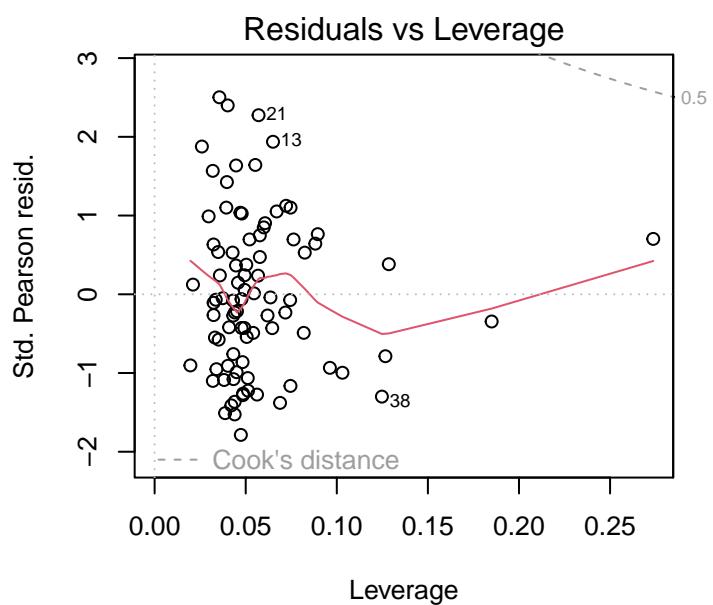
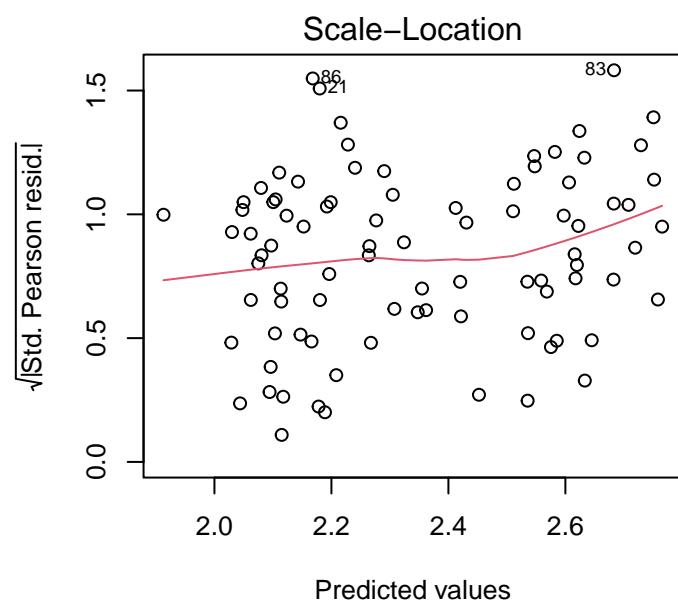
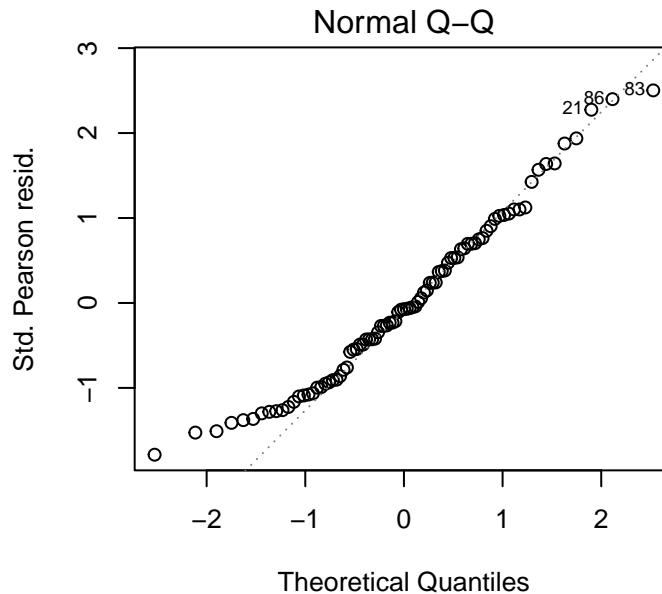
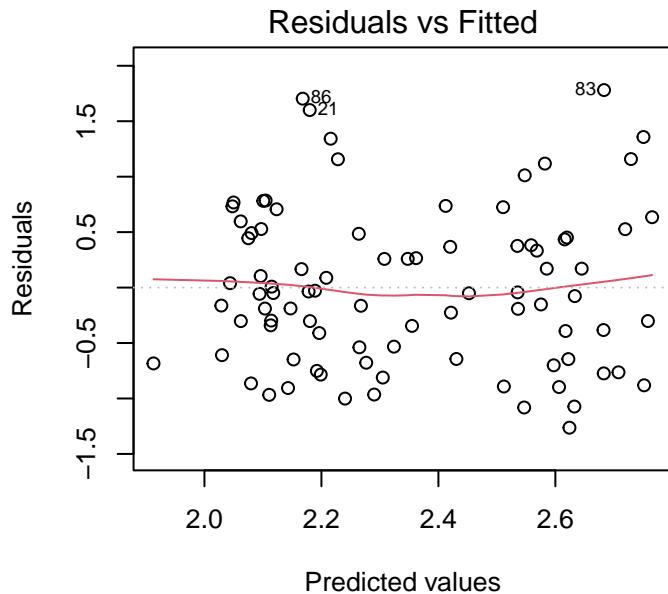
Scale–Location



Residuals vs Leverage

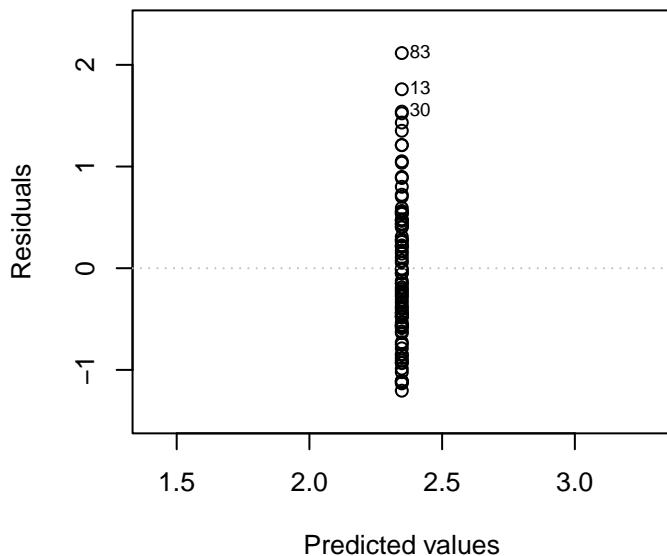


`glm(qDTM ~ area + fish + julian_date + time_convert + 1)`

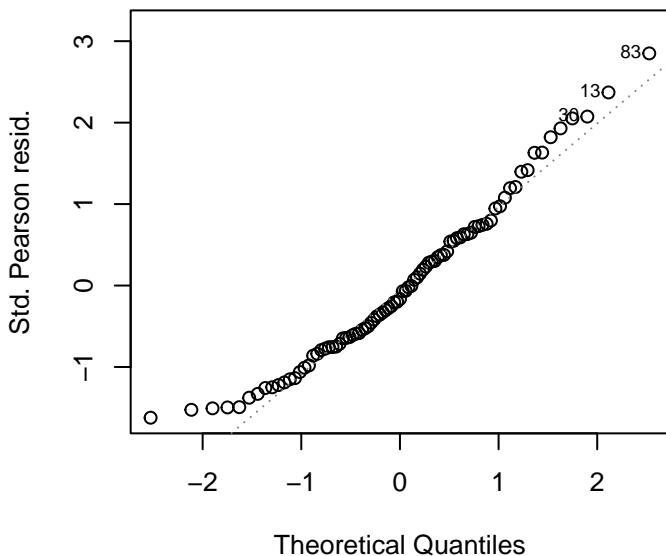


# $\text{glm}(\text{qDTM} \sim 1)$

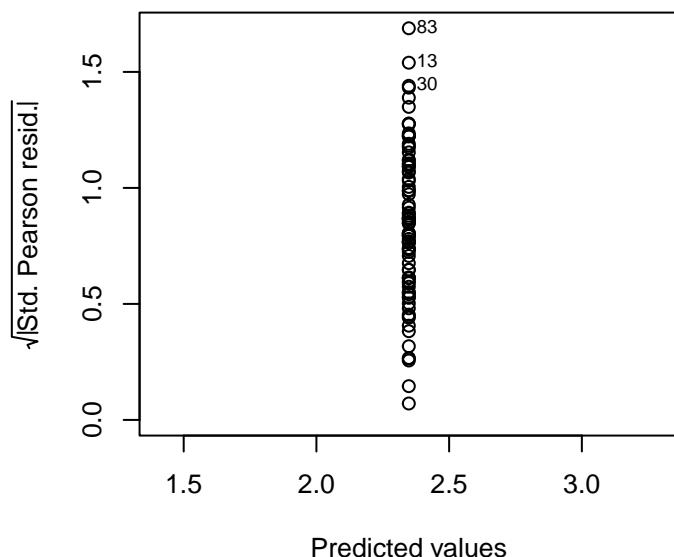
Residuals vs Fitted



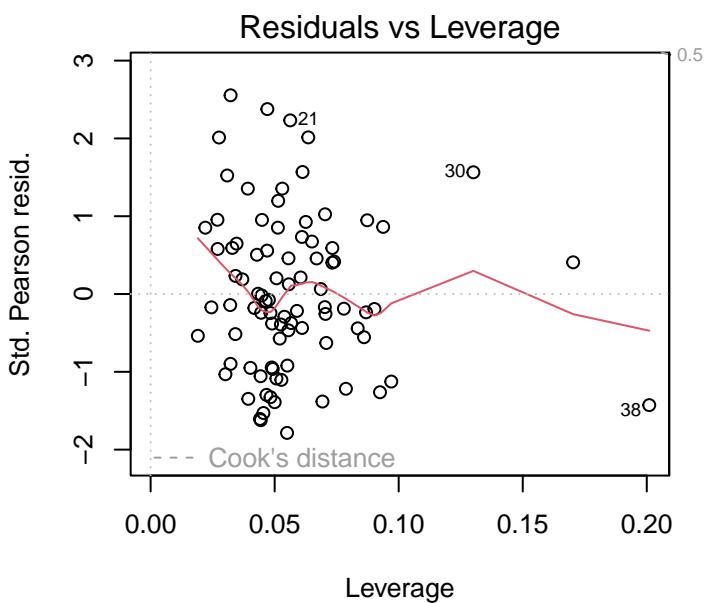
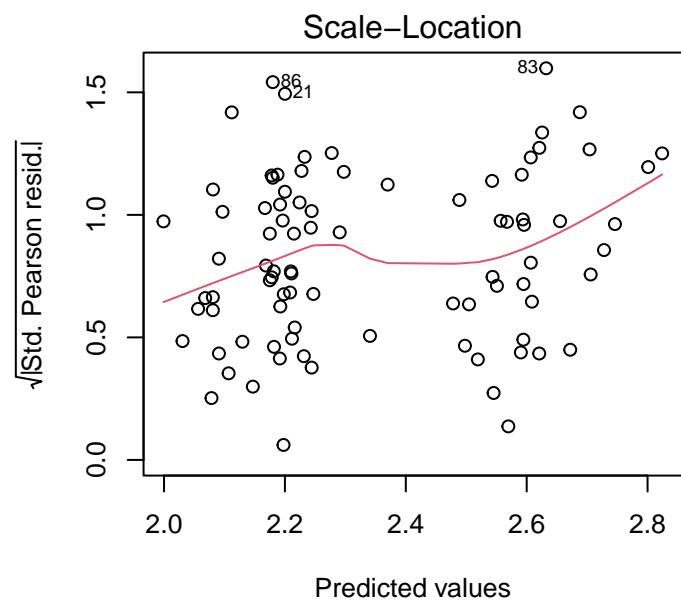
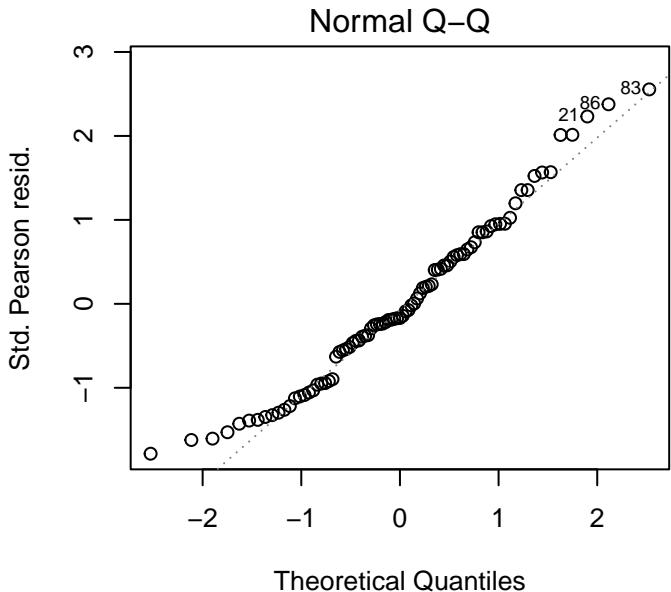
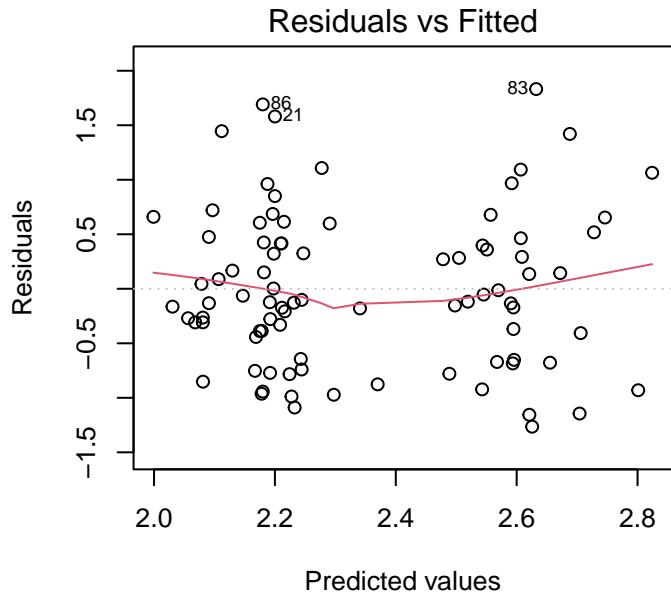
Normal Q-Q



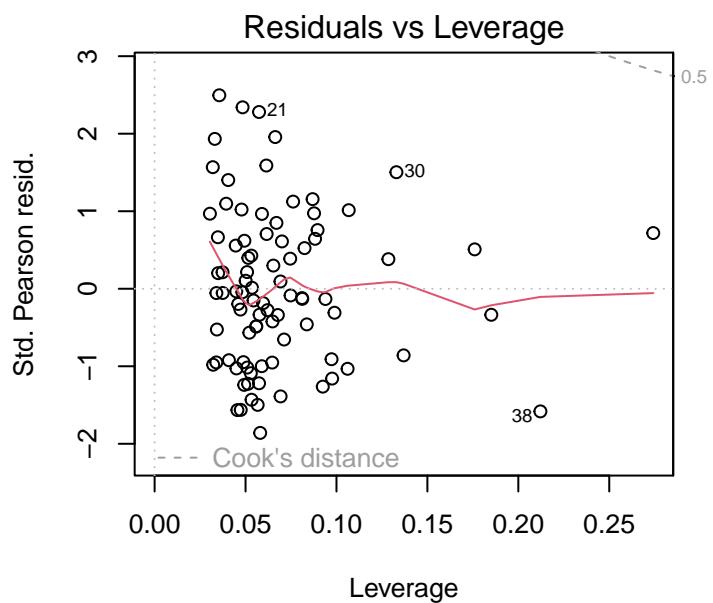
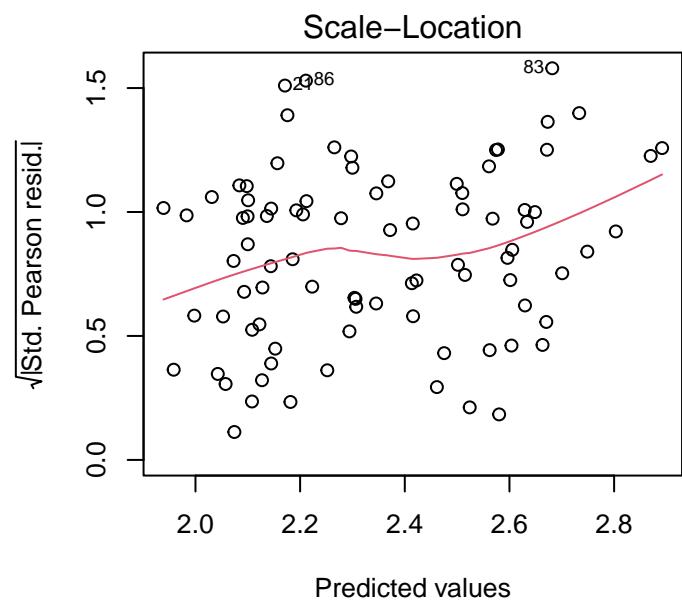
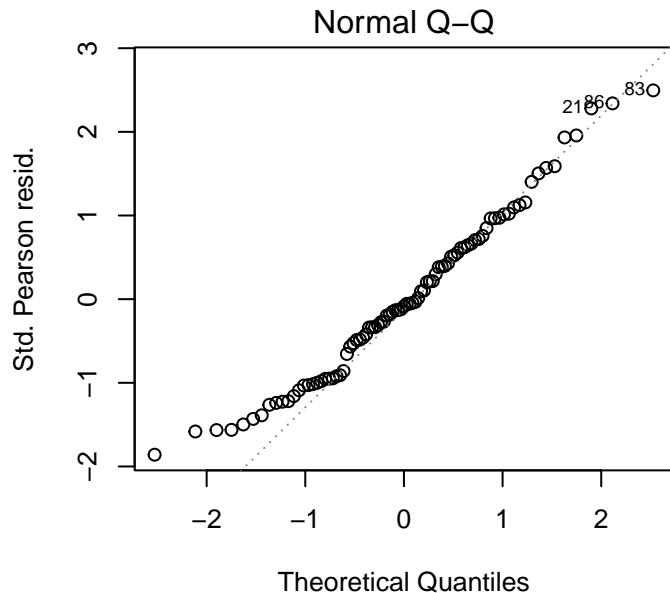
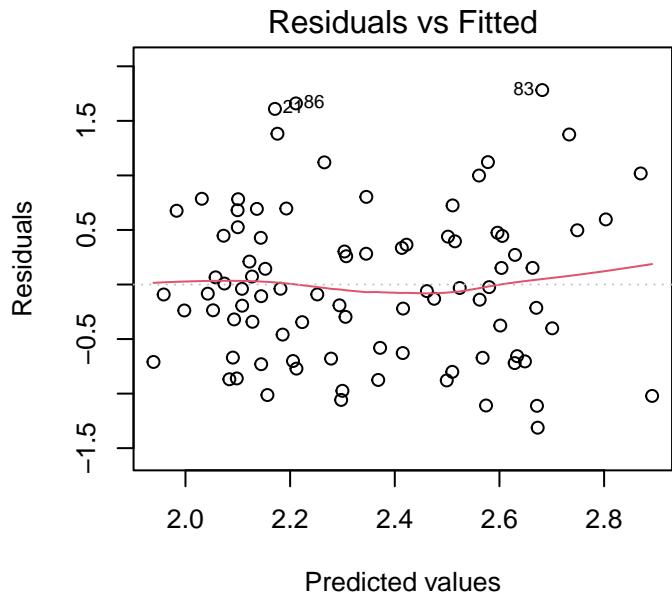
Scale–Location



`glm(qDTM ~ fish + julian_date + temp + time_convert + 1)`

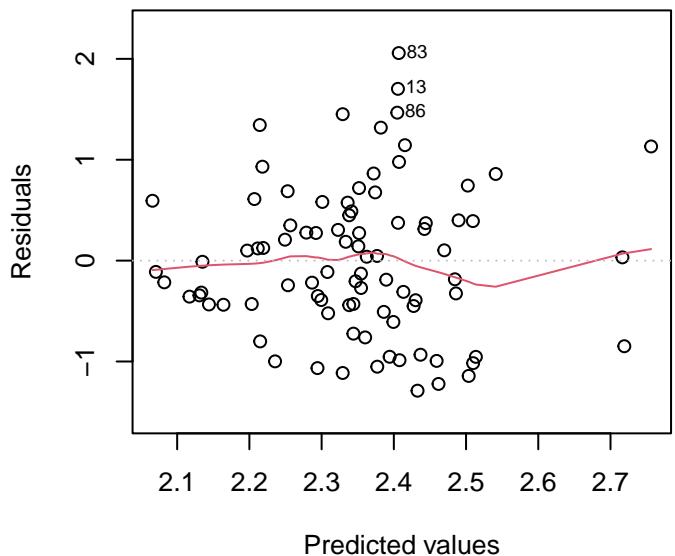


`glm(qDTM ~ area + fish + julian_date + temp + time_convert + 1)`

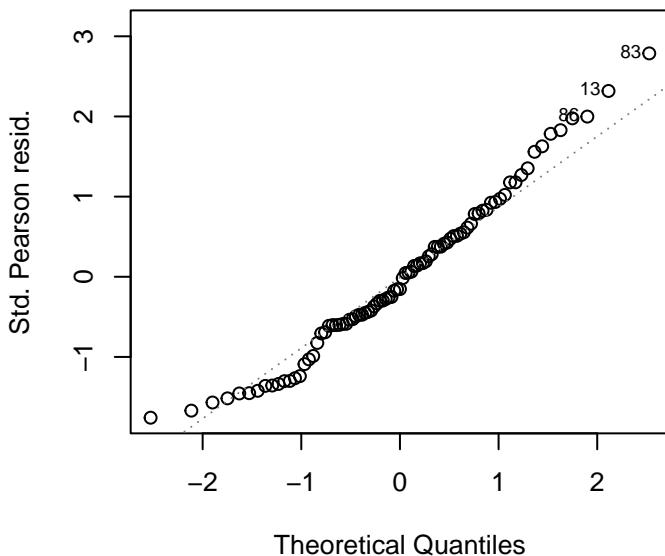


$\text{glm}(\text{qDTM} \sim \text{julian\_date} + \text{temp} + 1)$

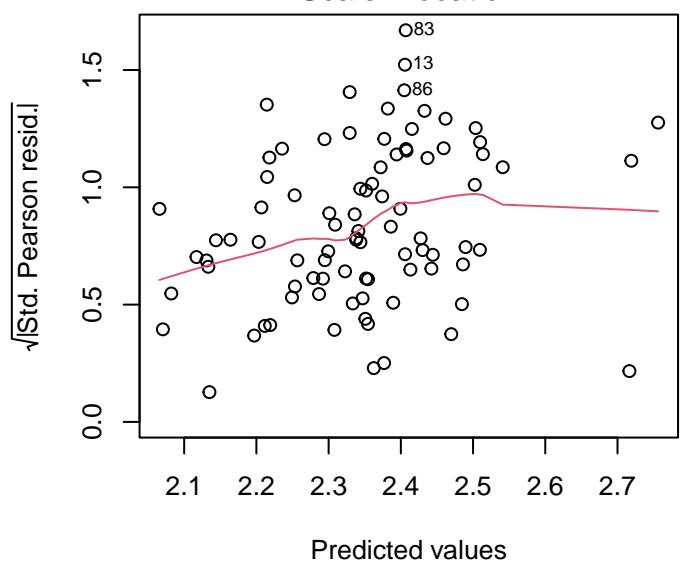
Residuals vs Fitted



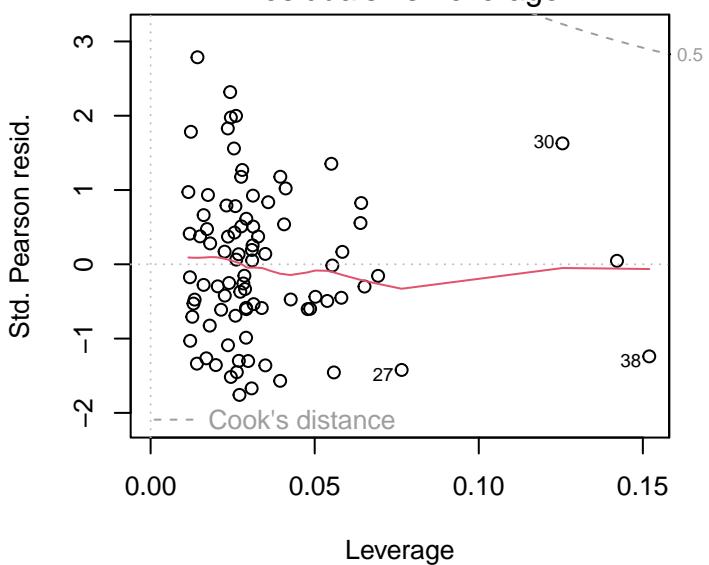
Normal Q-Q



Scale–Location

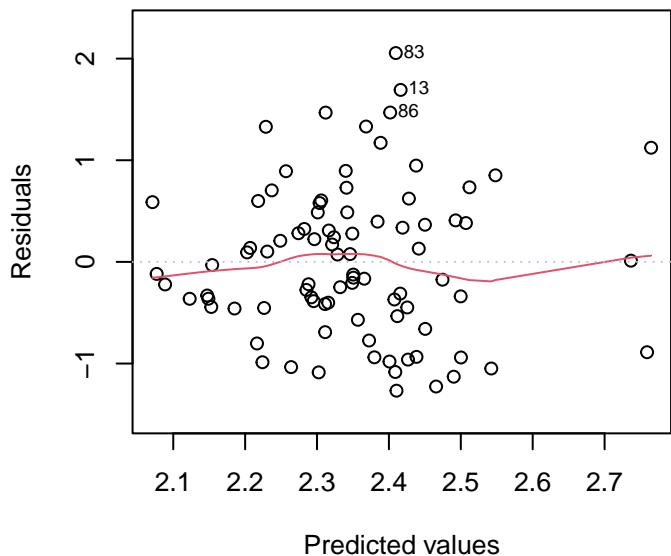


Residuals vs Leverage

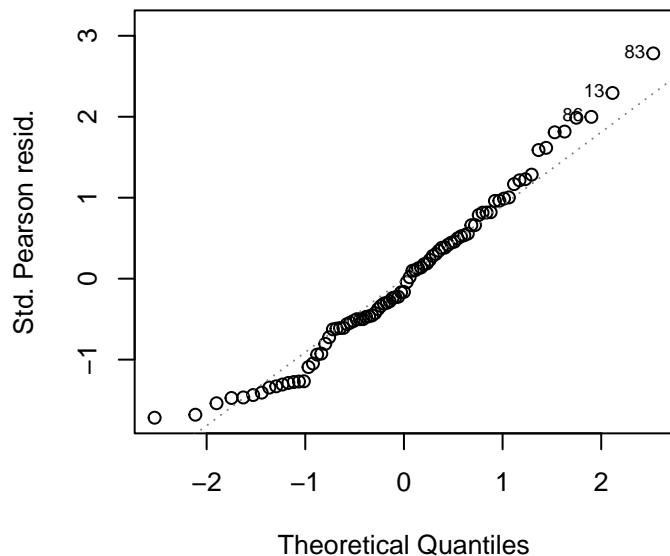


$\text{glm(qDTM} \sim \text{area + temp + 1)}$

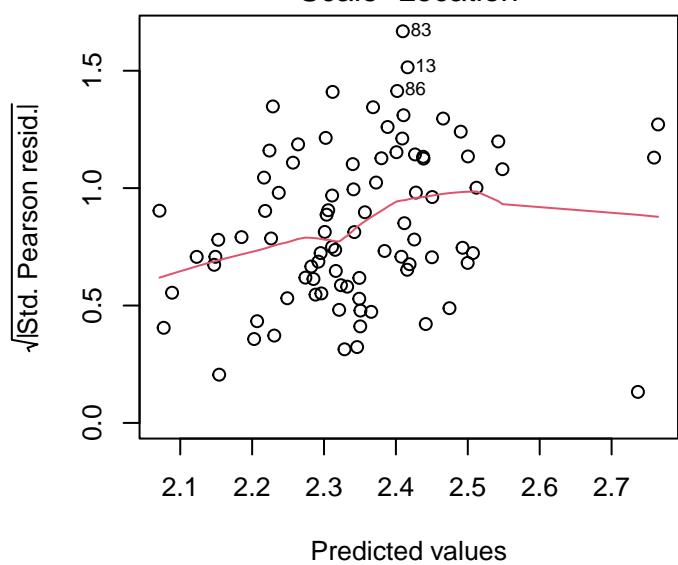
Residuals vs Fitted



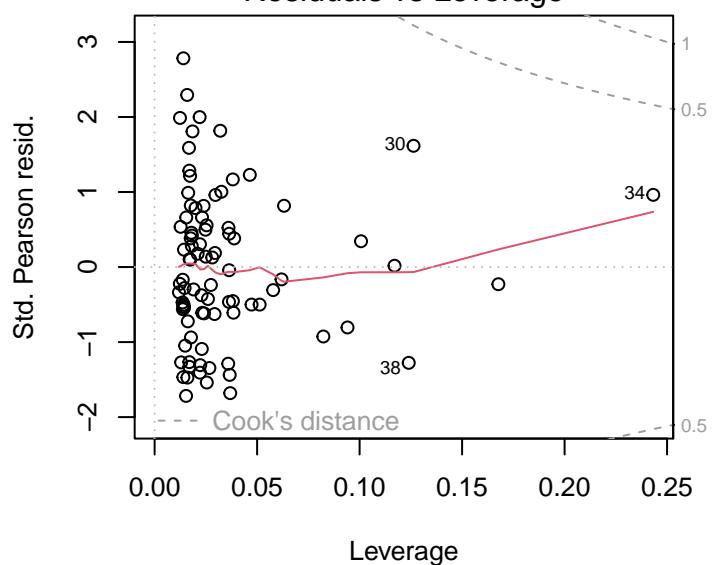
Normal Q–Q



Scale–Location

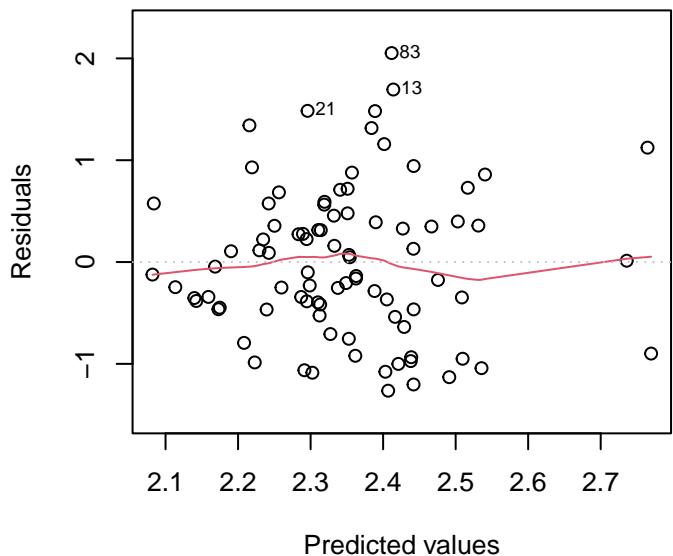


Residuals vs Leverage

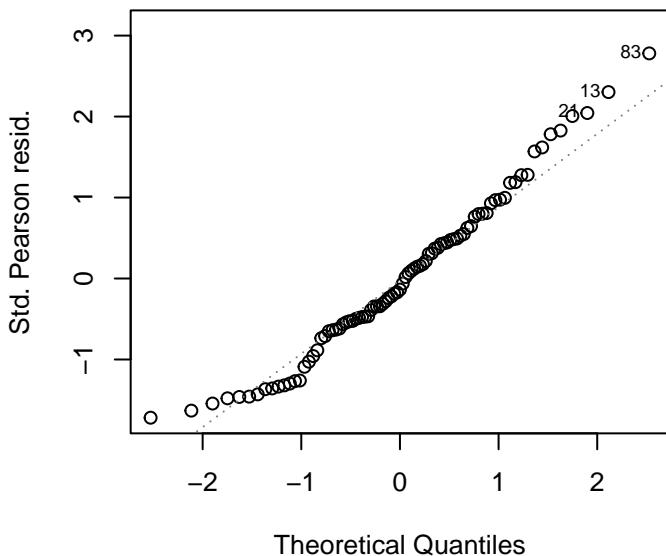


`glm(qDTM ~ temp + time_convert + 1)`

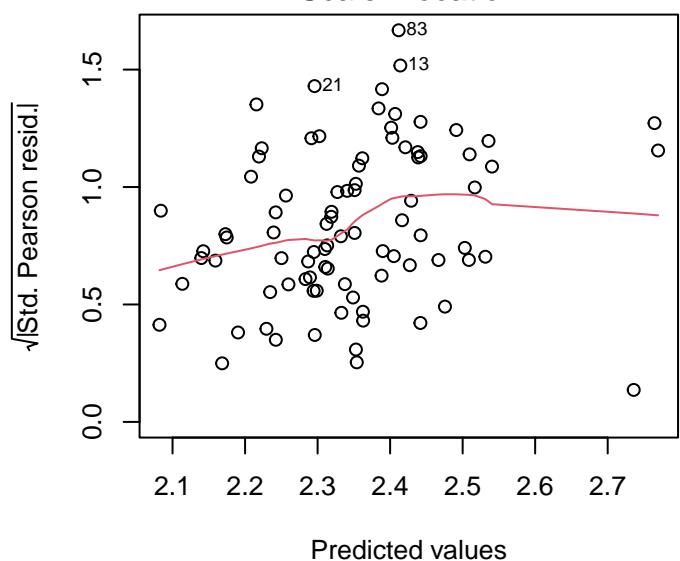
Residuals vs Fitted



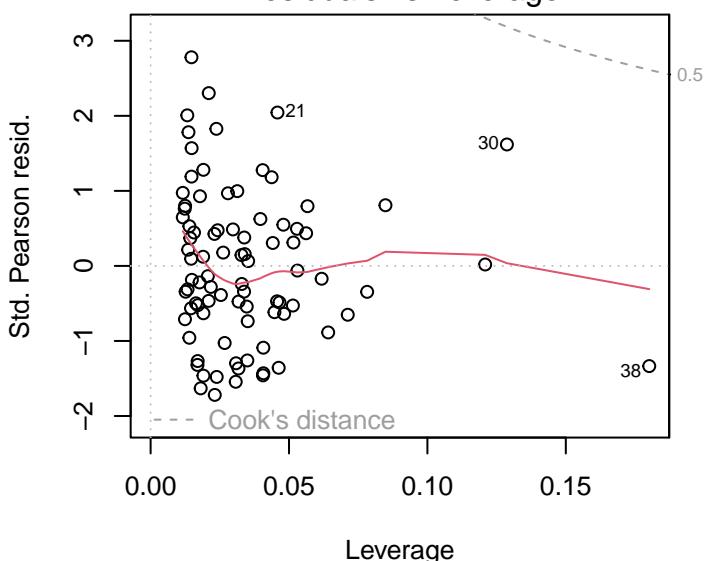
Normal Q-Q



Scale–Location

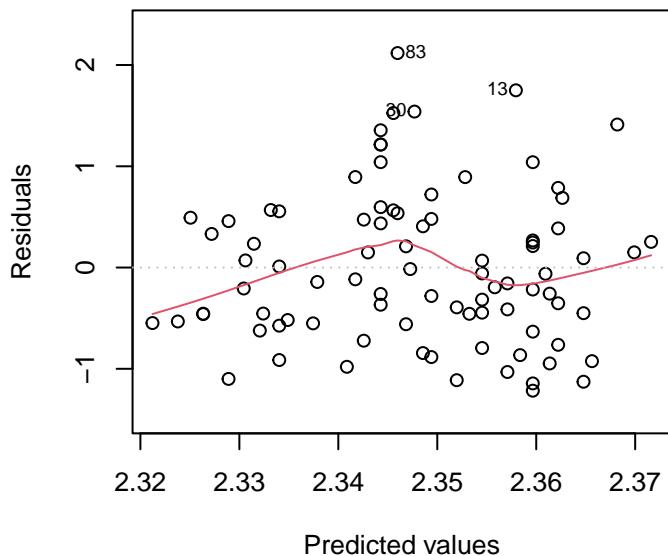


Residuals vs Leverage

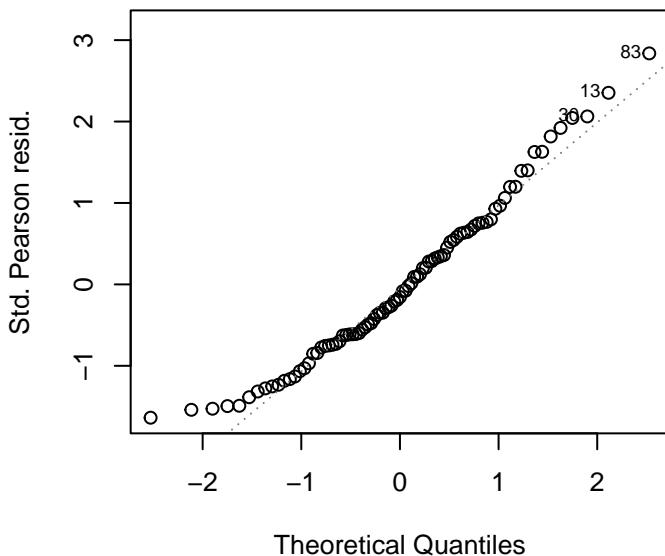


$\text{glm}(\text{qDTM} \sim \text{time\_convert} + 1)$

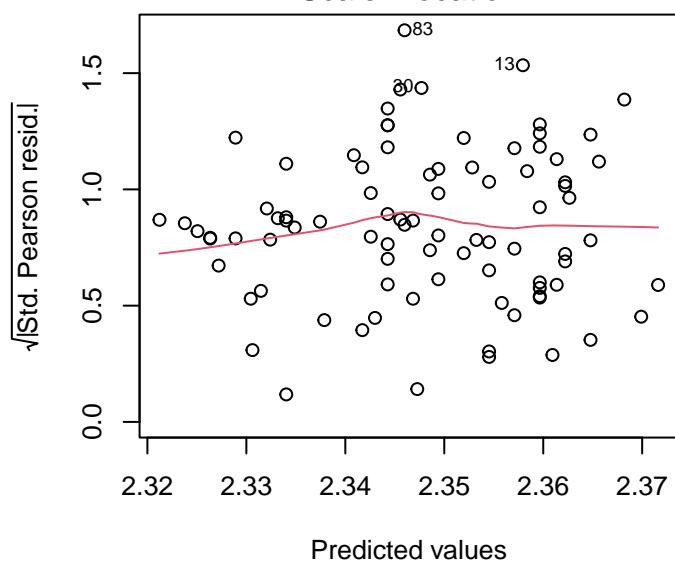
Residuals vs Fitted



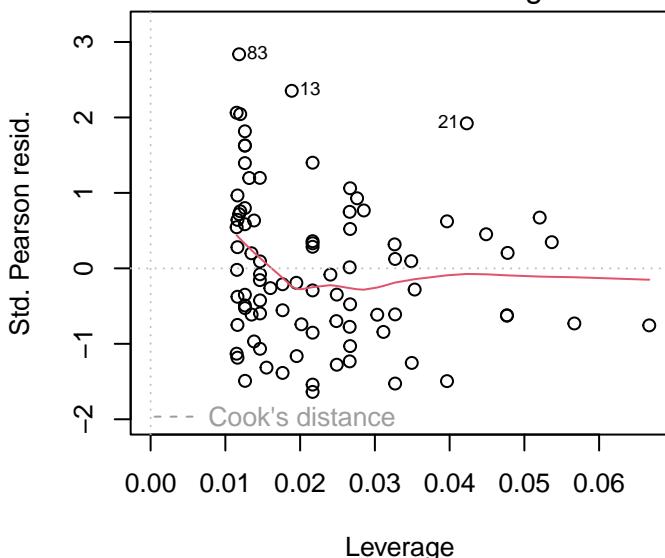
Normal Q-Q



Scale–Location

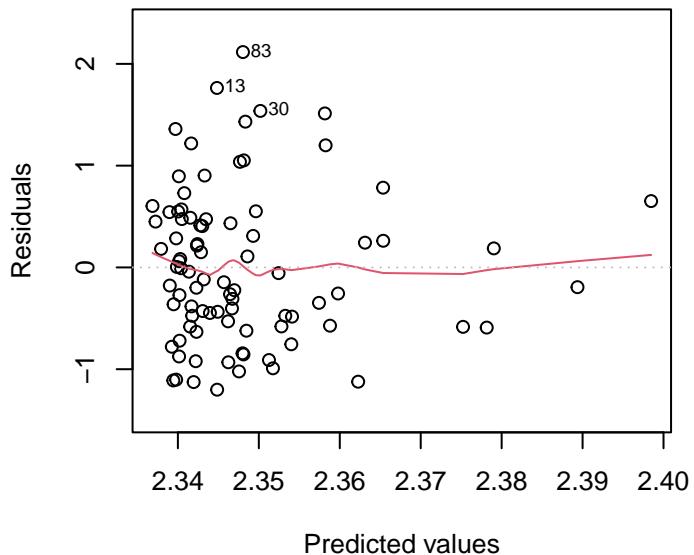


Residuals vs Leverage

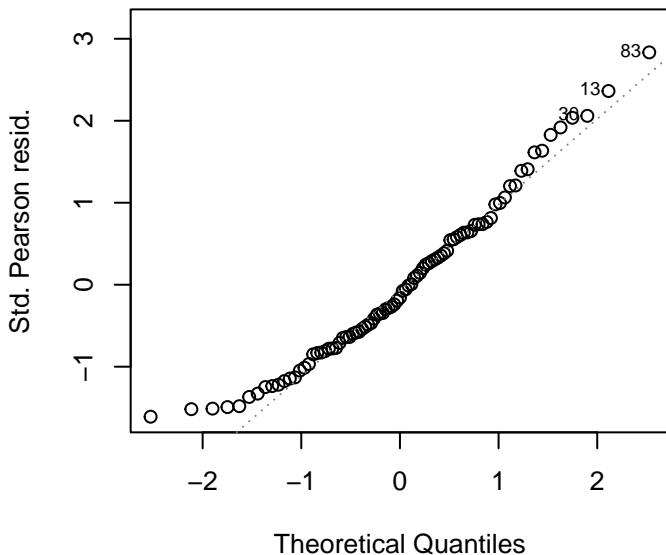


$\text{glm}(\text{qDTM} \sim \text{area} + 1)$

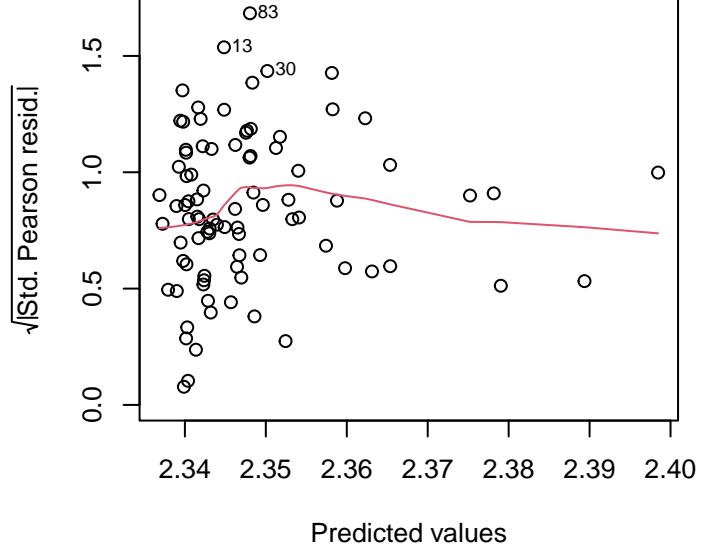
Residuals vs Fitted



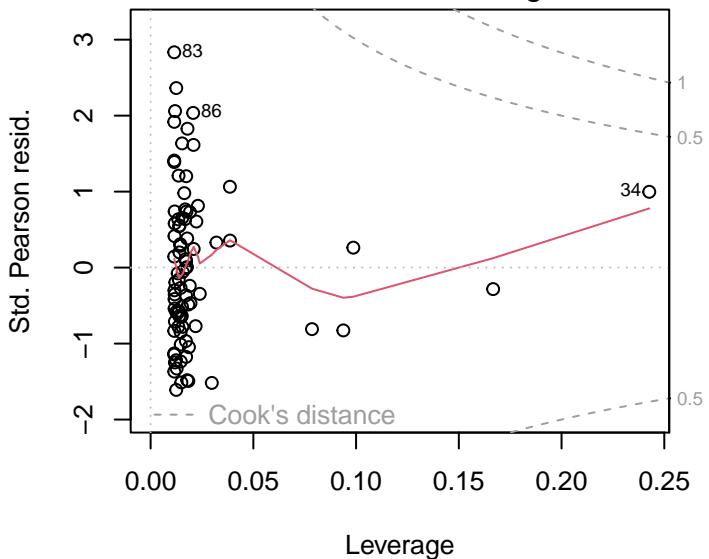
Normal Q-Q



Scale–Location

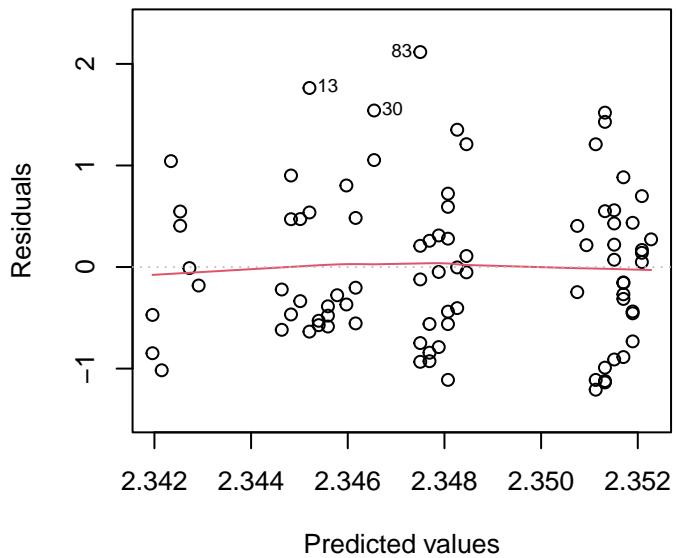


Residuals vs Leverage

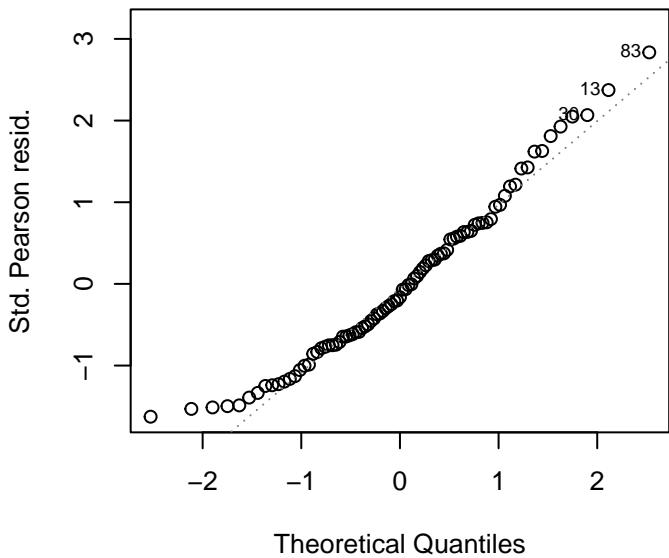


$\text{glm}(\text{qDTM} \sim \text{julian\_date} + 1)$

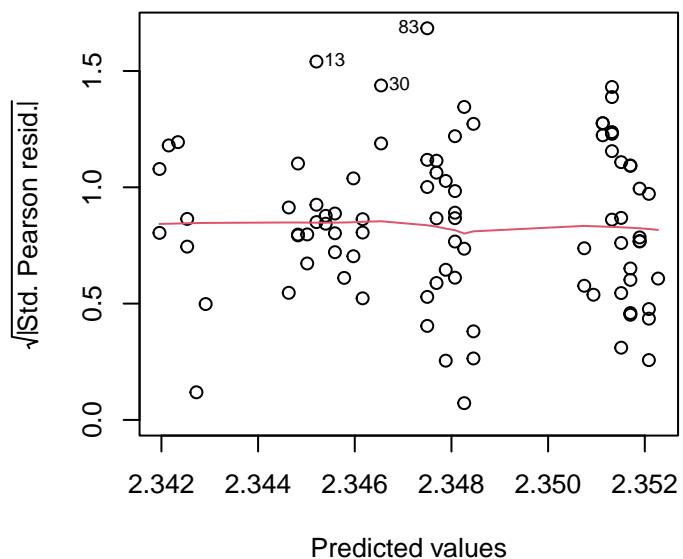
Residuals vs Fitted



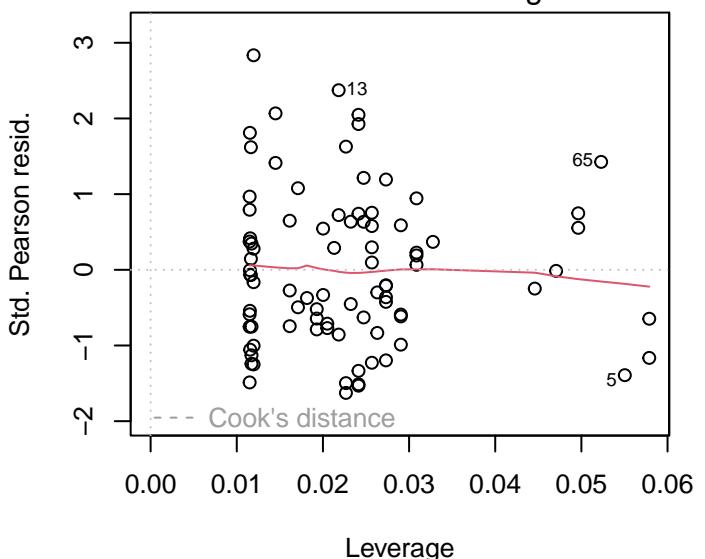
Normal Q-Q



Scale–Location

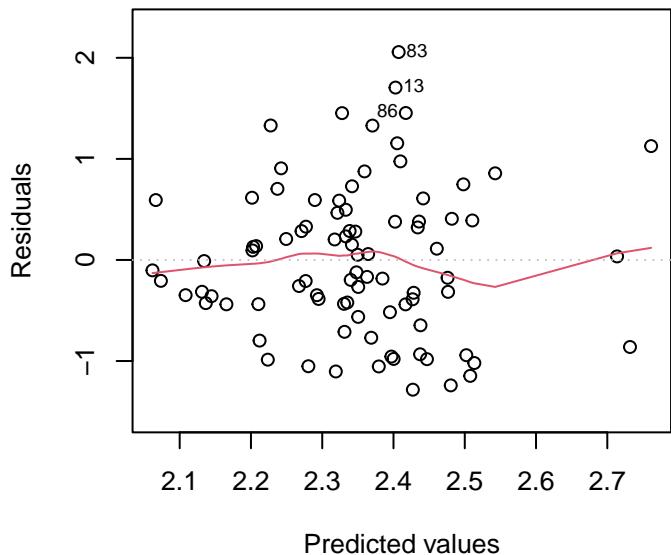


Residuals vs Leverage

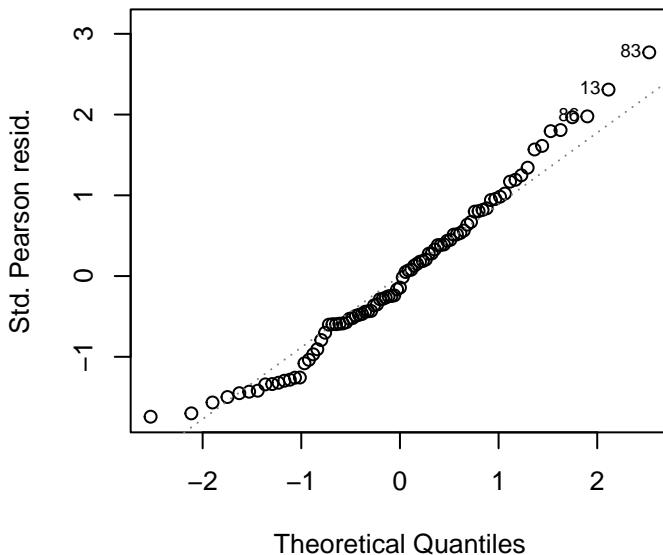


`glm(qDTM ~ area + julian_date + temp + 1)`

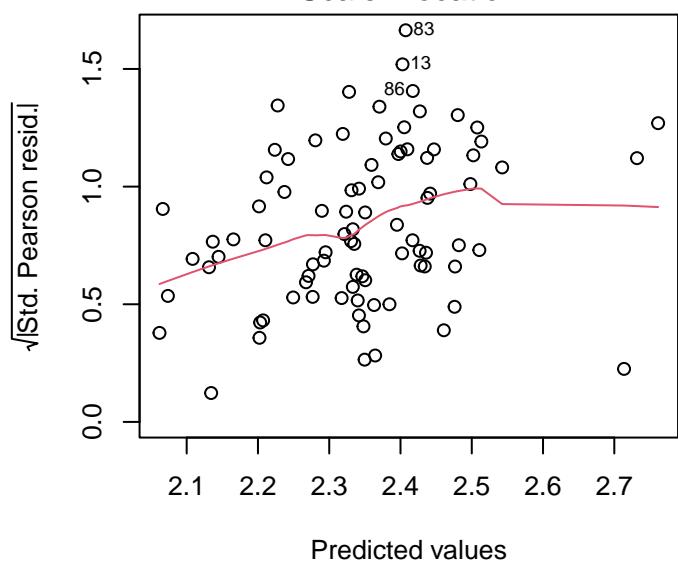
Residuals vs Fitted



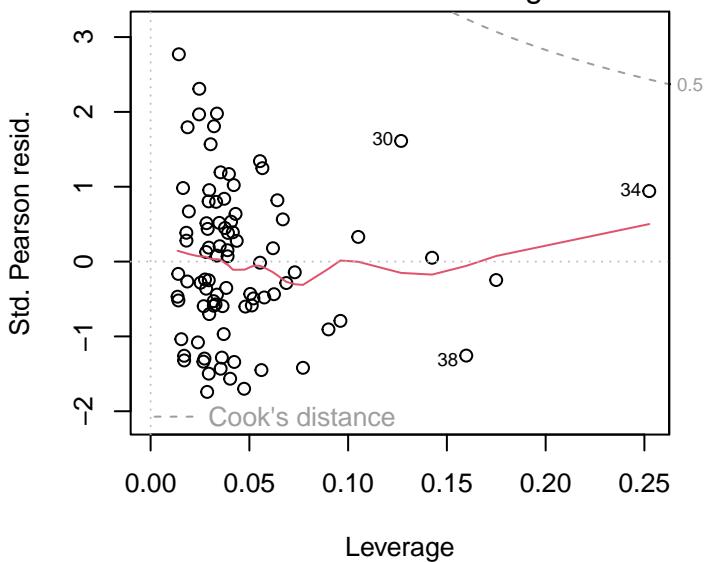
Normal Q–Q



Scale–Location

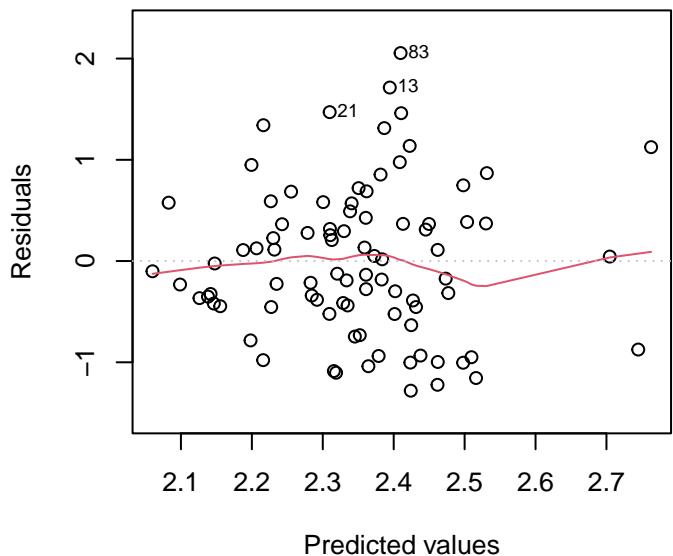


Residuals vs Leverage

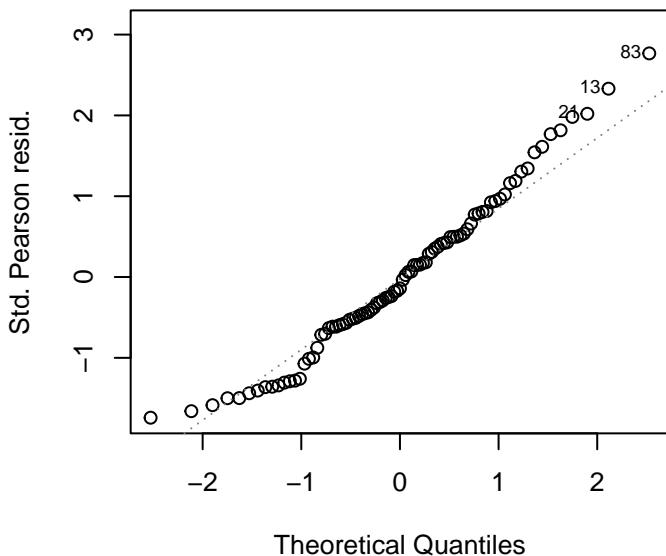


`glm(qDTM ~ julian_date + temp + time_convert + 1)`

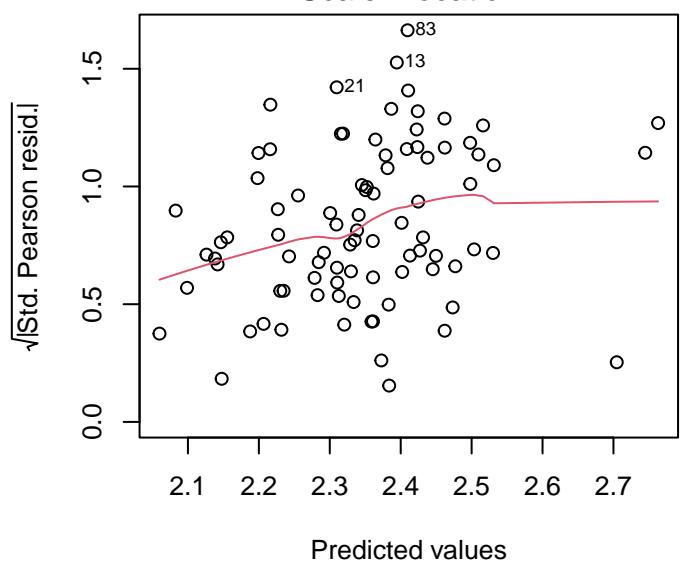
Residuals vs Fitted



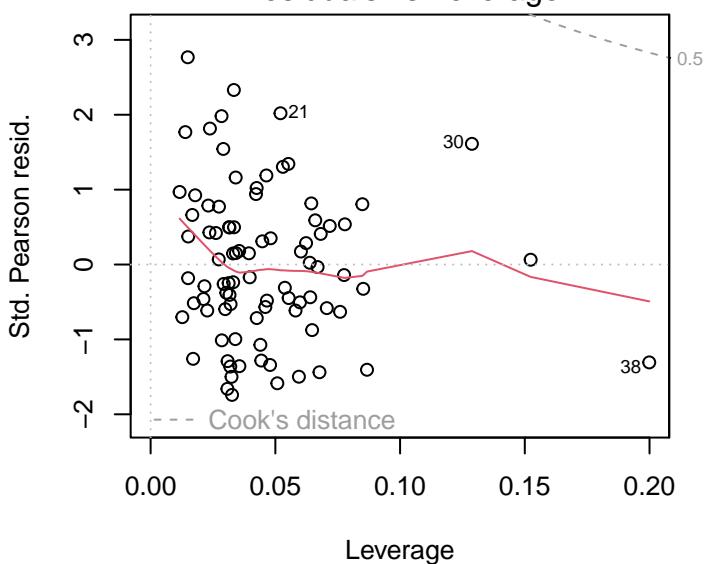
Normal Q-Q



Scale–Location

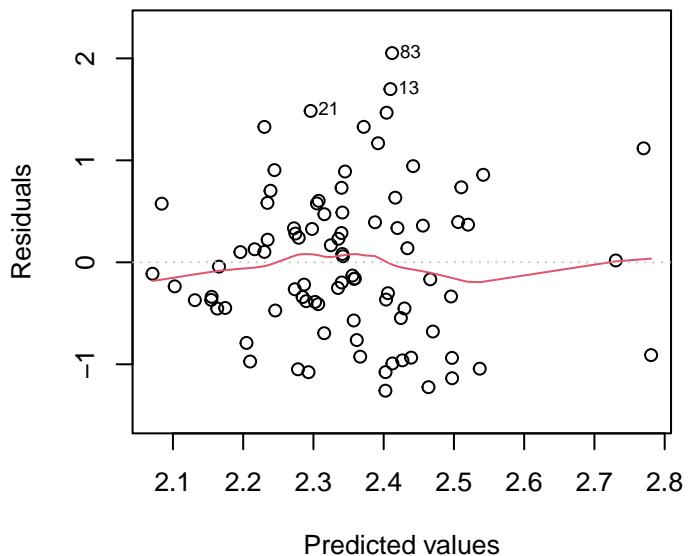


Residuals vs Leverage

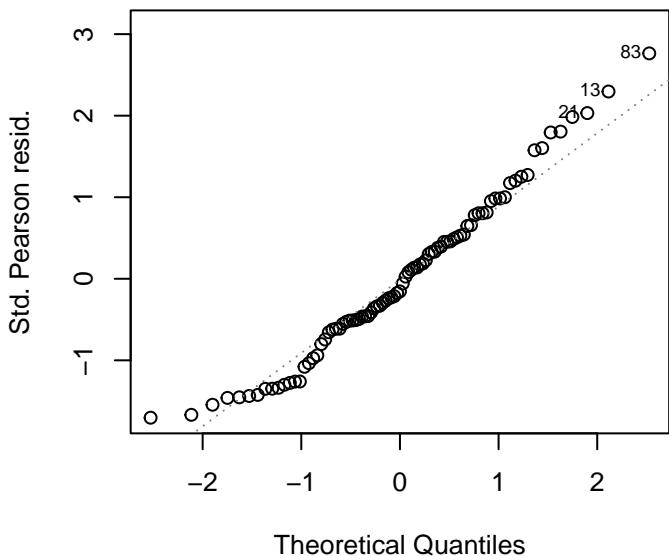


`glm(qDTM ~ area + temp + time_convert + 1)`

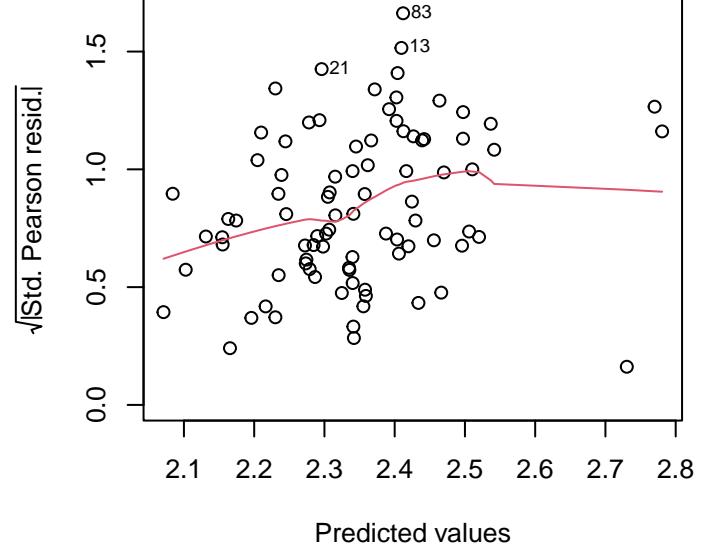
Residuals vs Fitted



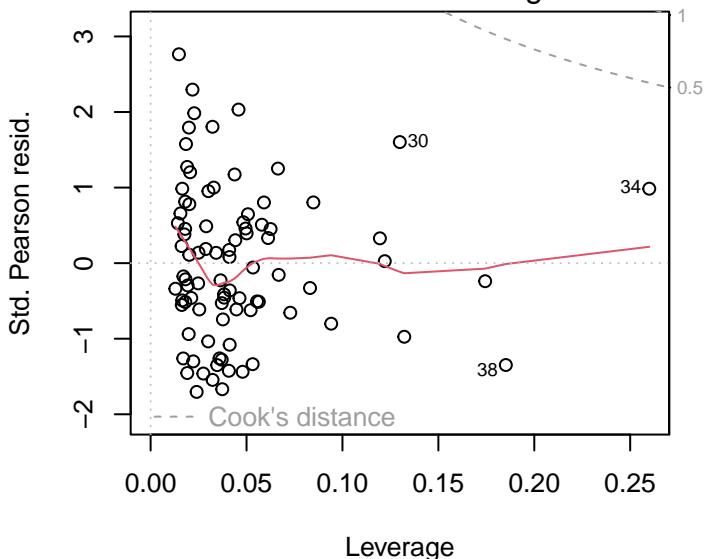
Normal Q–Q



Scale–Location

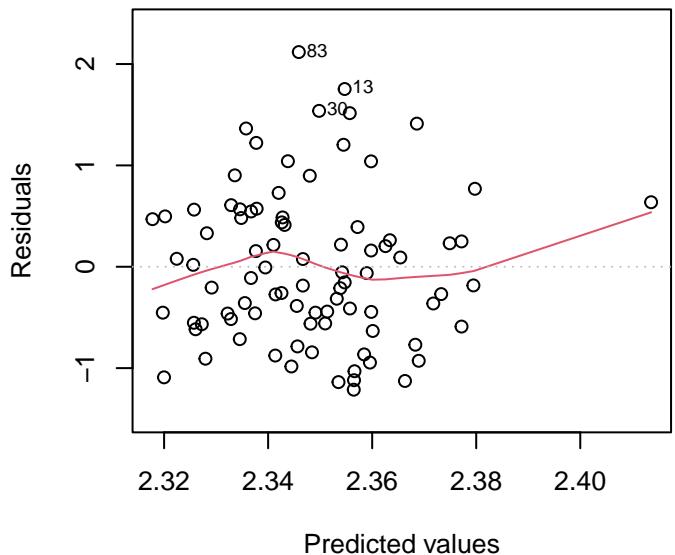


Residuals vs Leverage

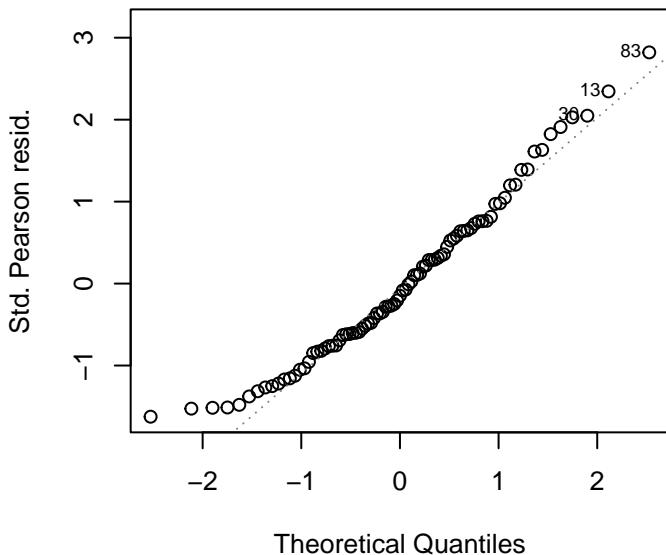


`glm(qDTM ~ area + time_convert + 1)`

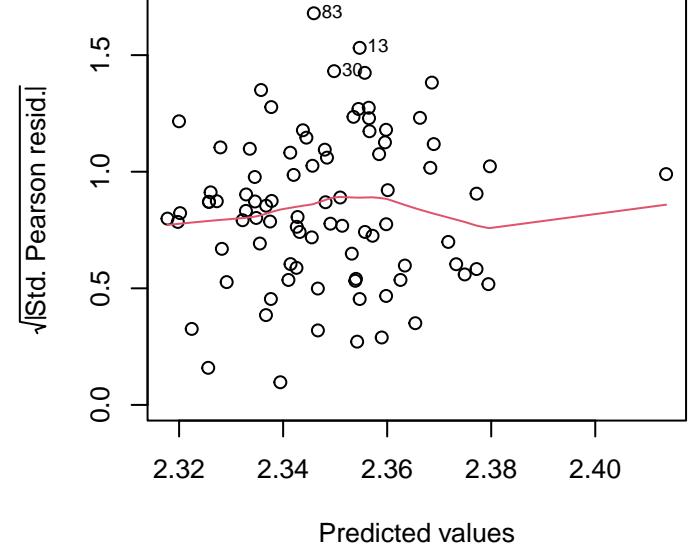
Residuals vs Fitted



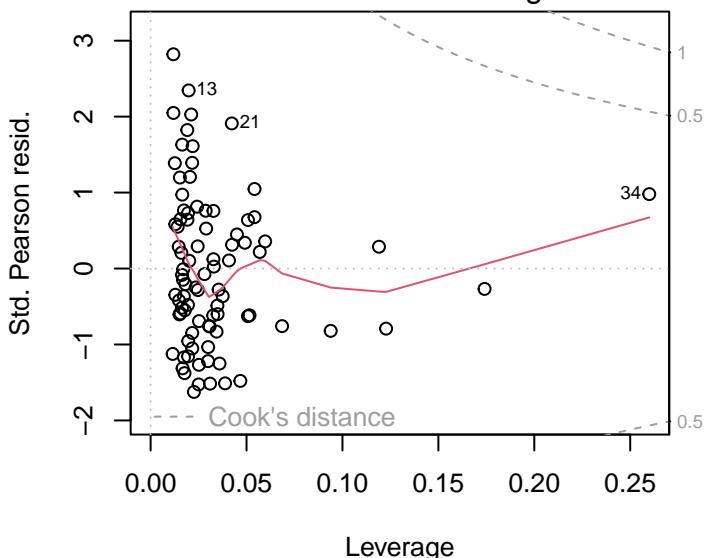
Normal Q–Q



Scale–Location

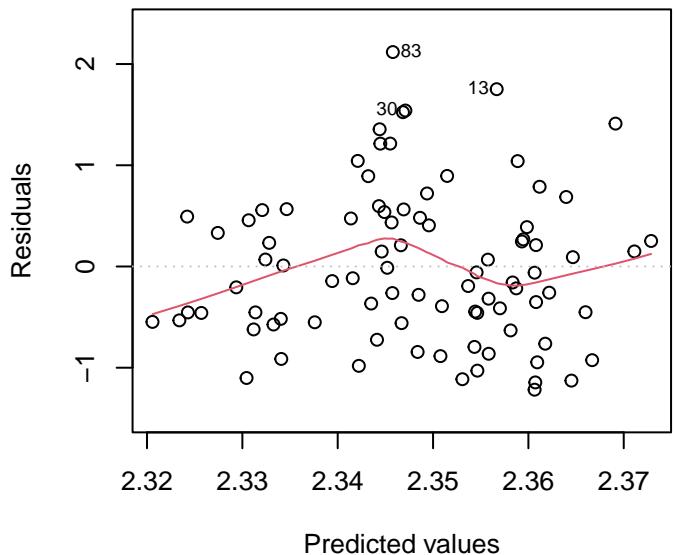


Residuals vs Leverage

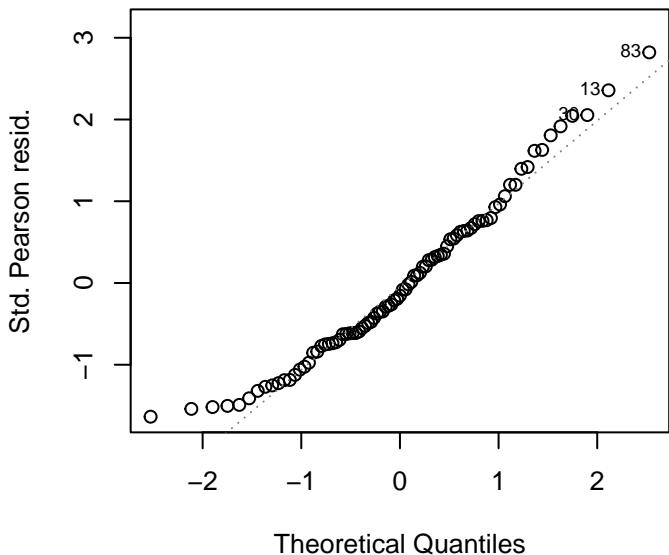


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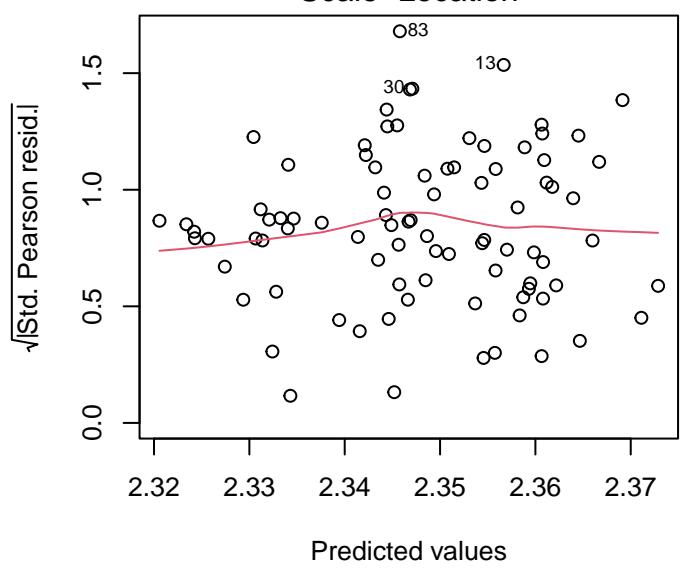
Residuals vs Fitted



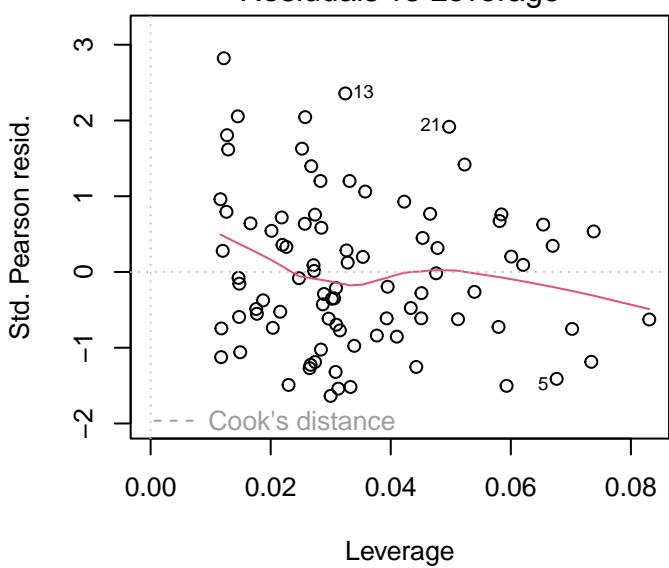
Normal Q-Q



Scale–Location

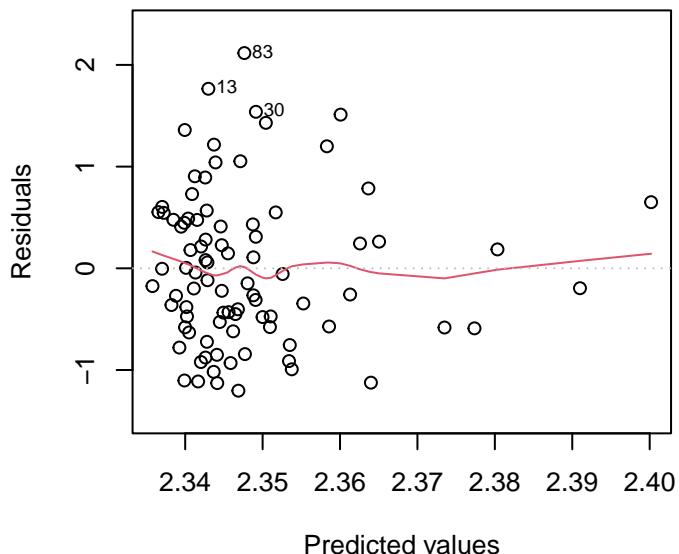


Residuals vs Leverage

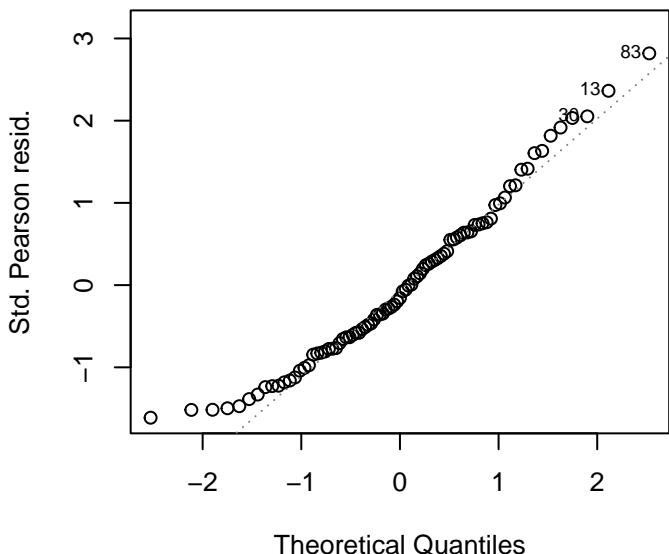


`glm(qDTM ~ area + julian_date + 1)`

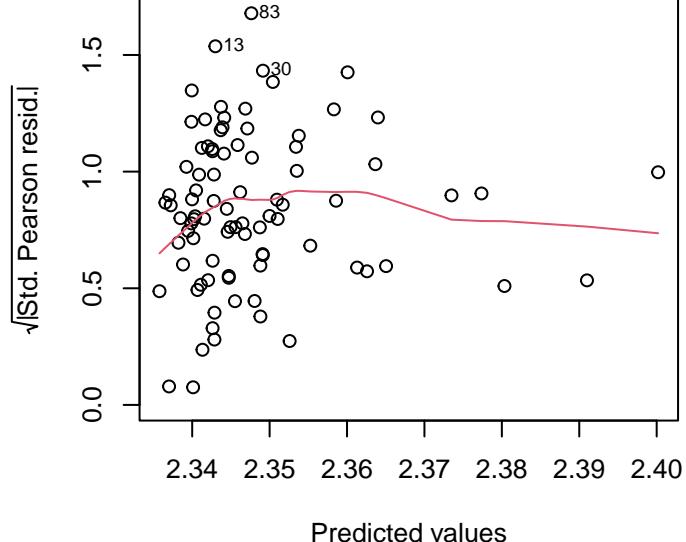
Residuals vs Fitted



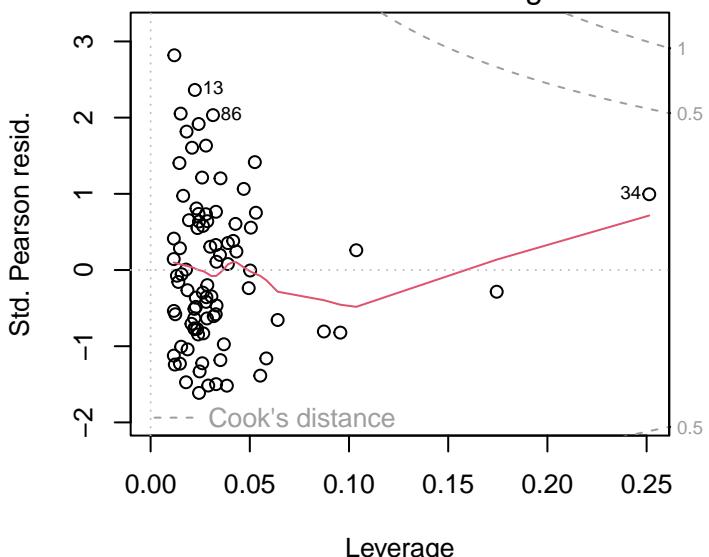
Normal Q–Q



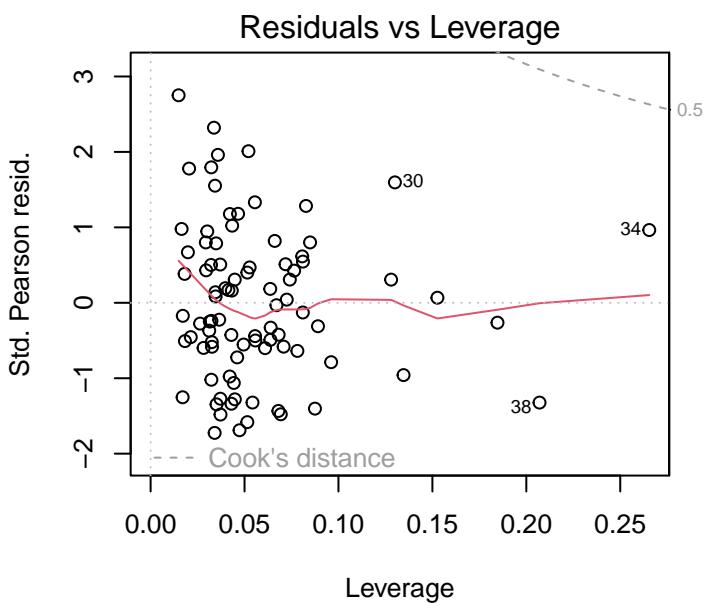
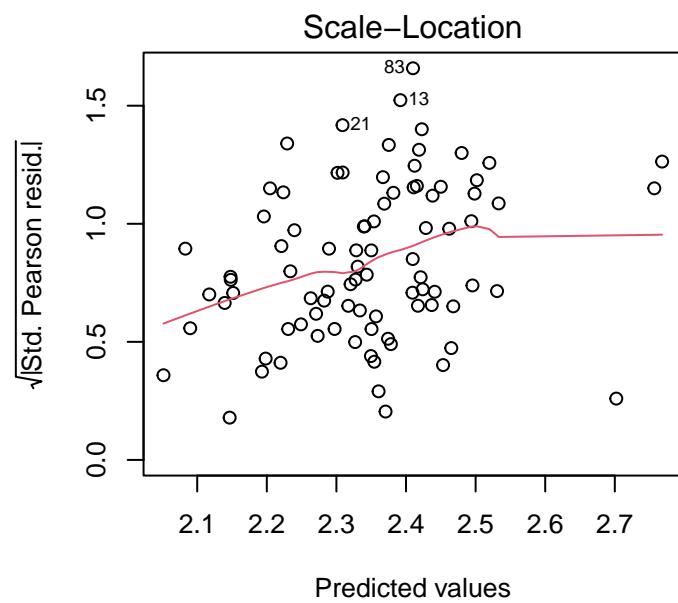
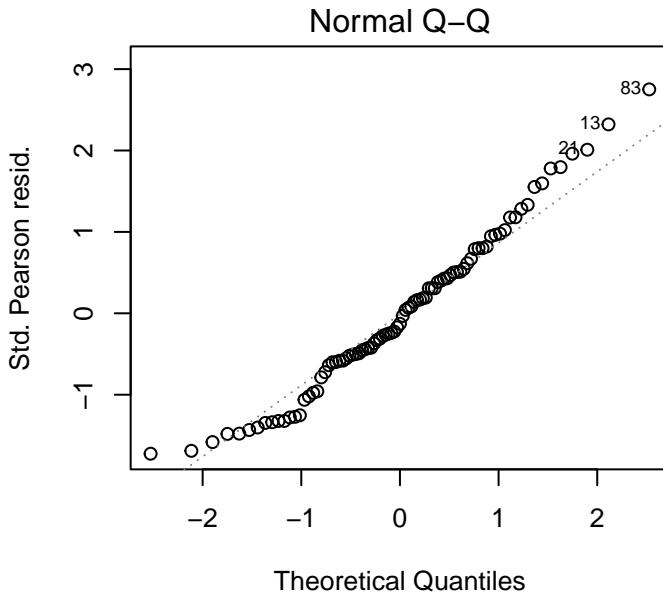
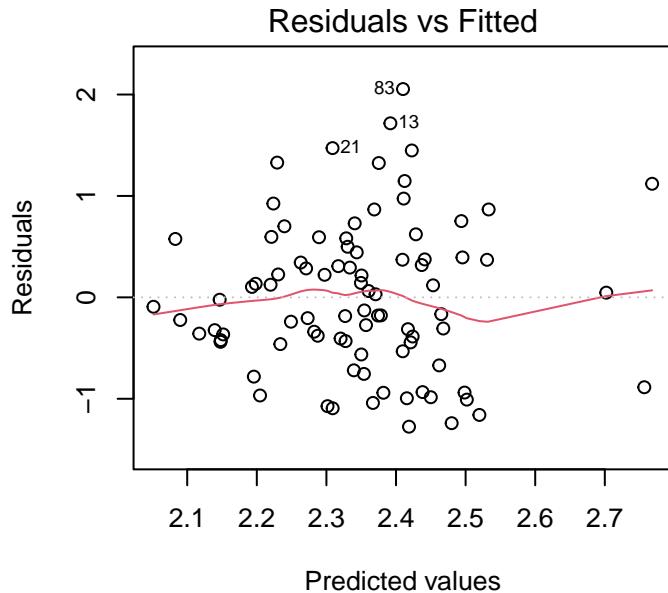
Scale–Location



Residuals vs Leverage

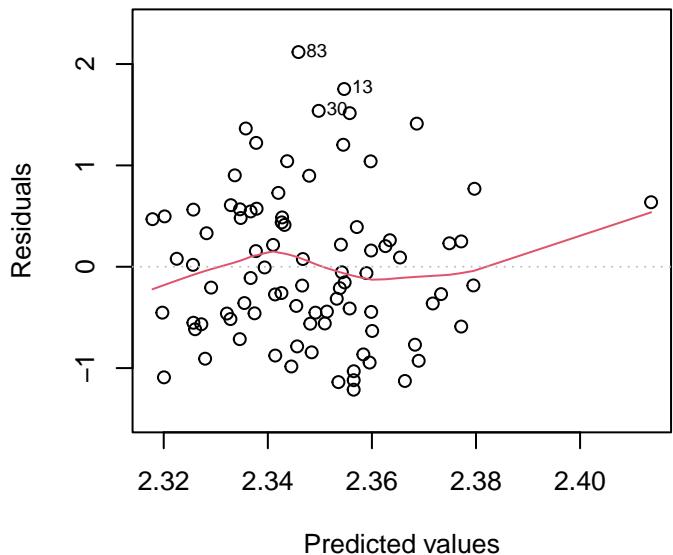


`glm(qDTM ~ area + julian_date + temp + time_convert + 1)`

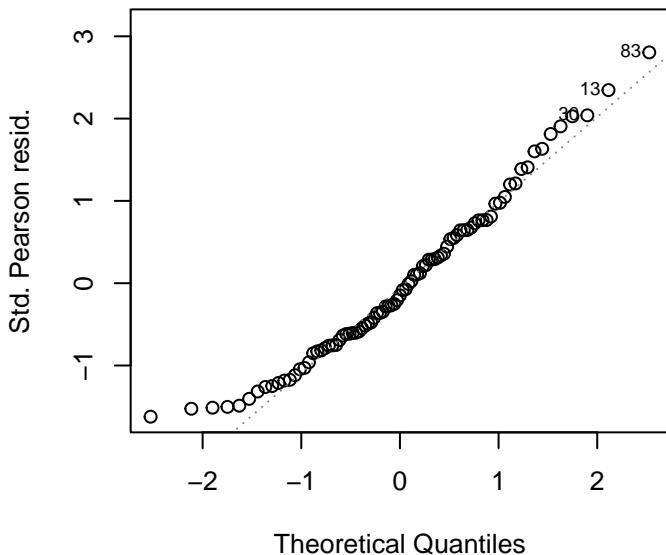


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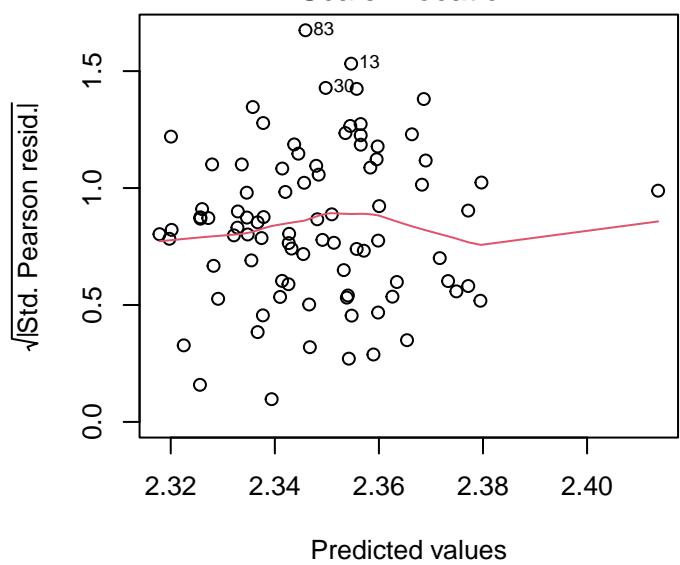
Residuals vs Fitted



Normal Q-Q



Scale–Location



Residuals vs Leverage

