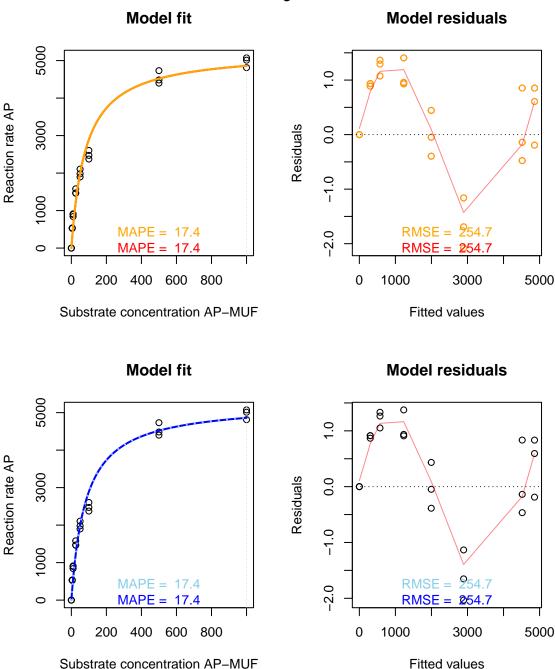
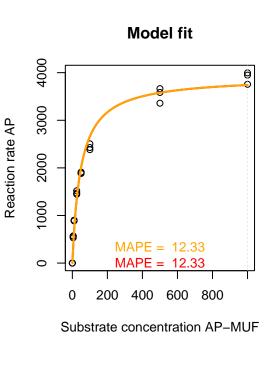
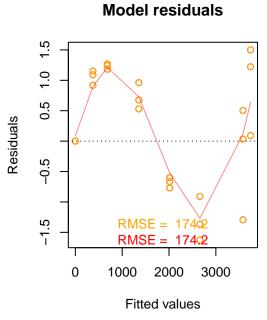


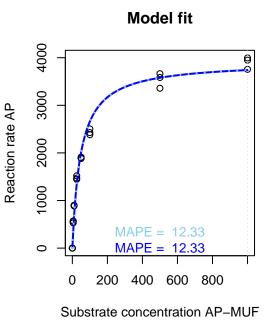
Fitted values

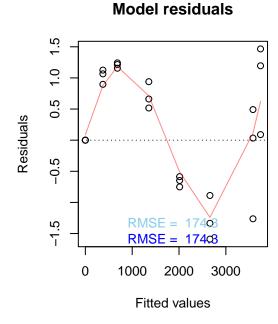




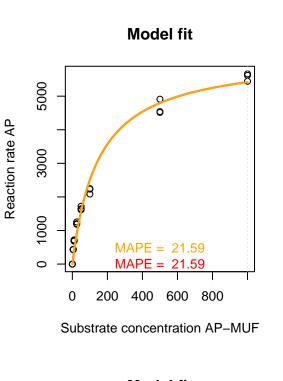


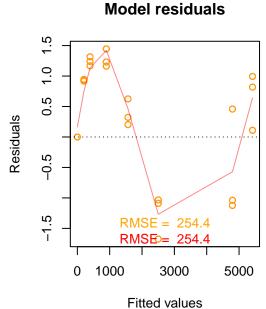


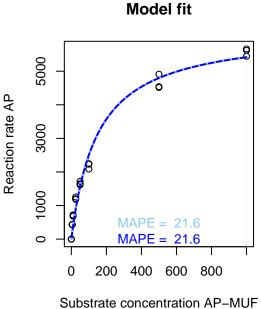


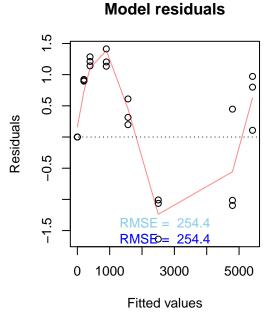




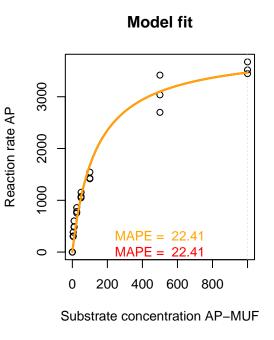


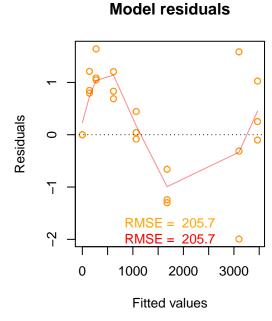


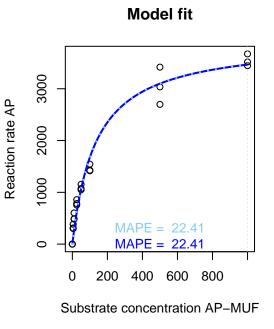


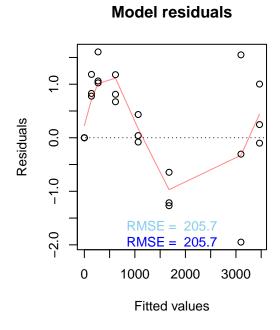


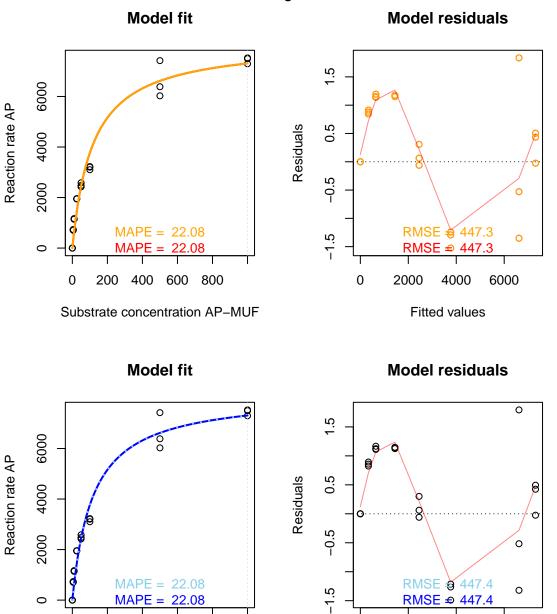






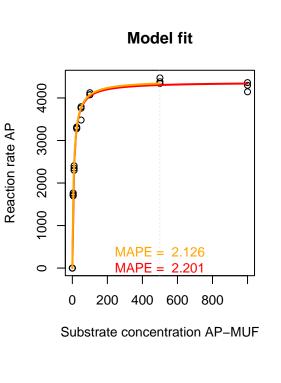


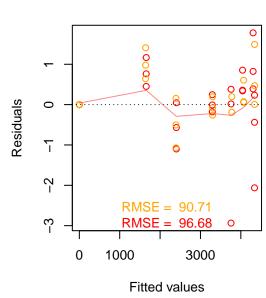


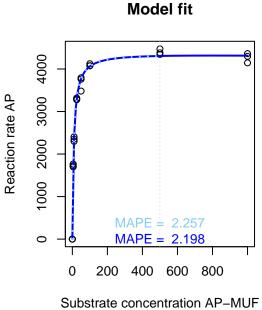


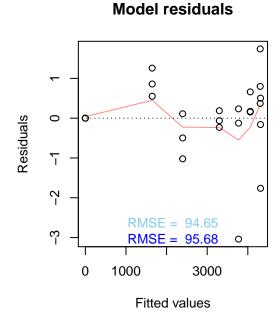
Fitted values

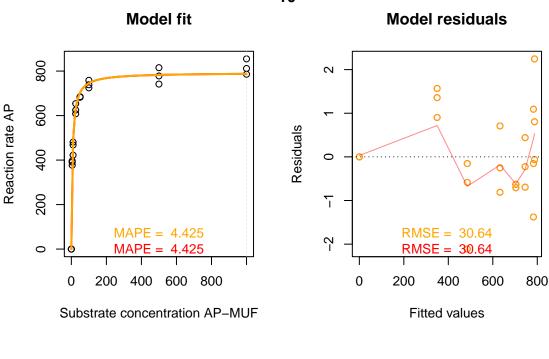
Substrate concentration AP-MUF

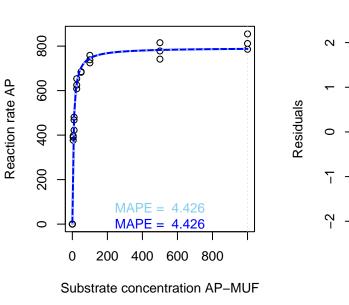




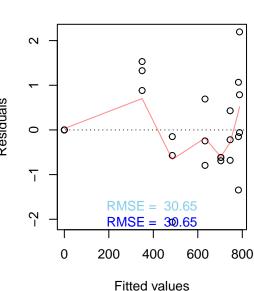


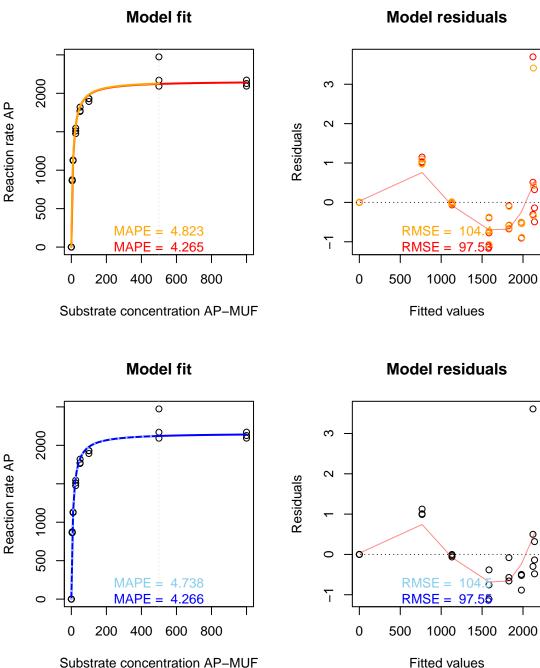


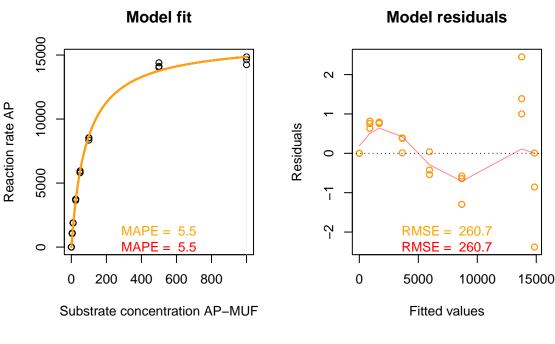


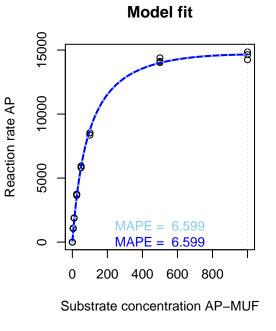


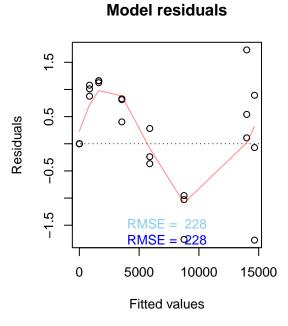
Model fit

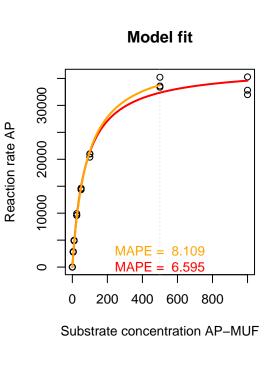


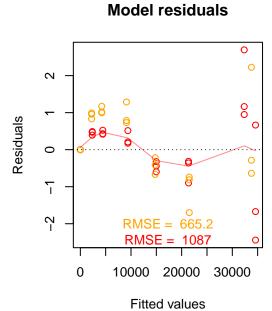


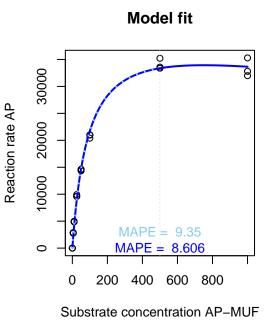


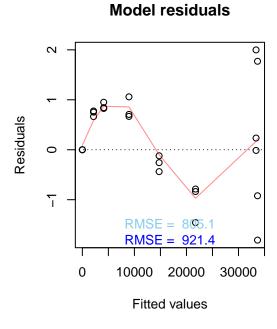


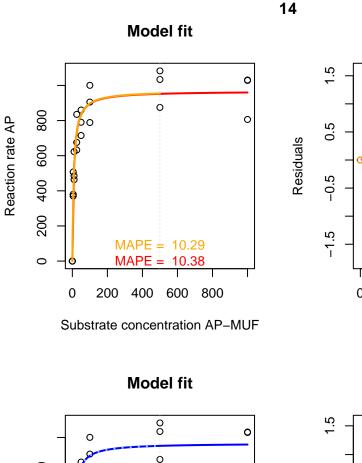


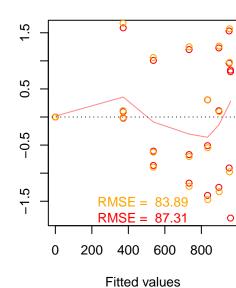


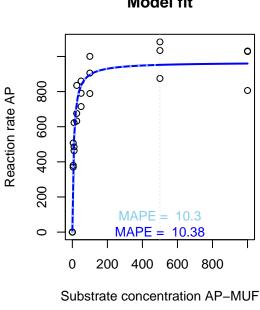


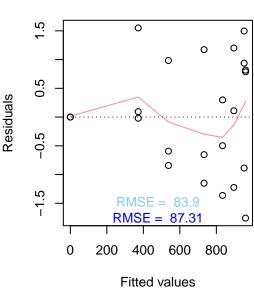


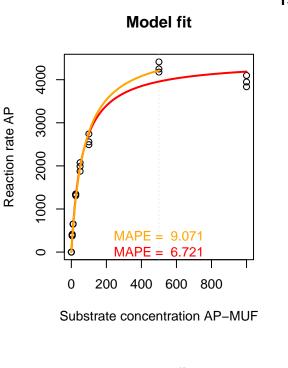


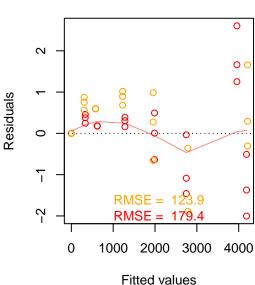


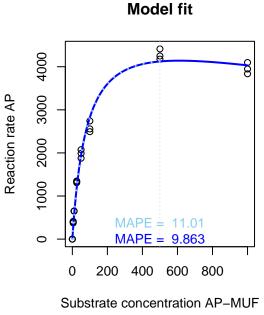


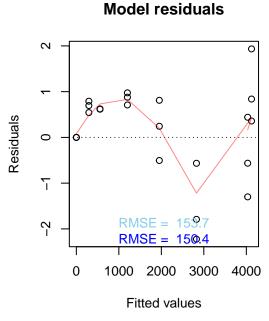


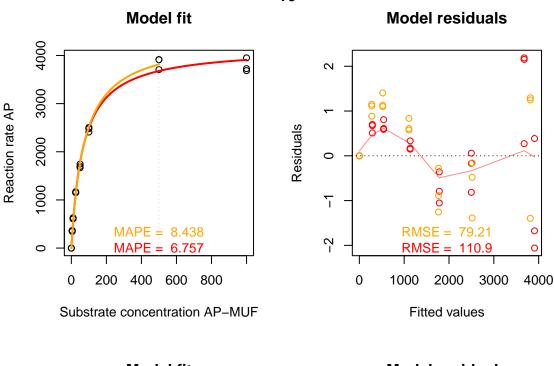


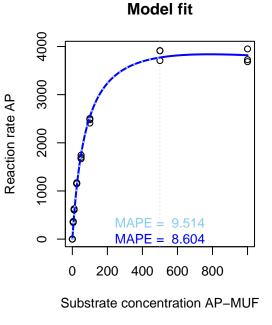


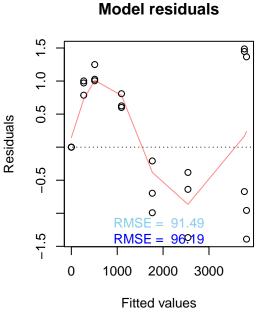


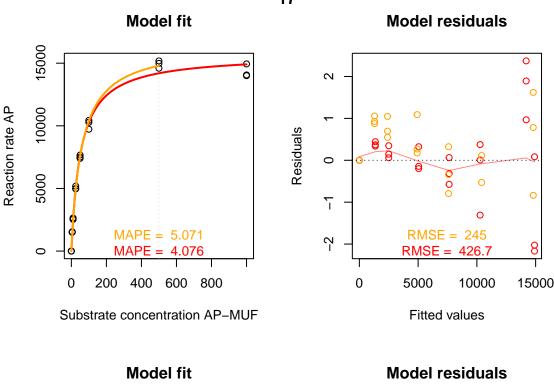


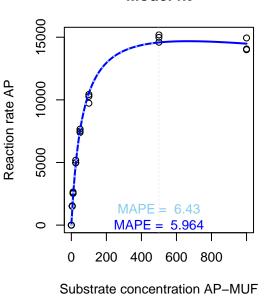


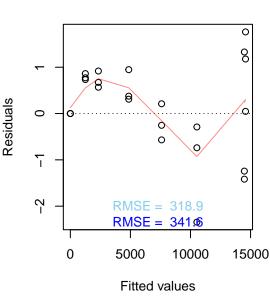


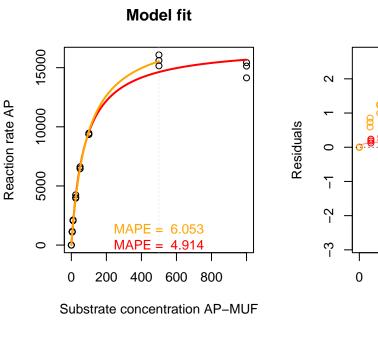


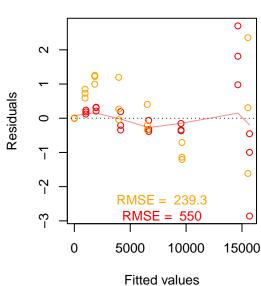


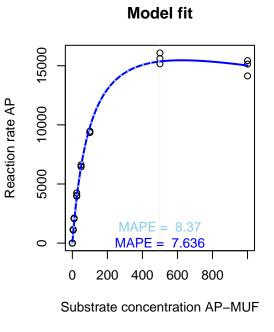


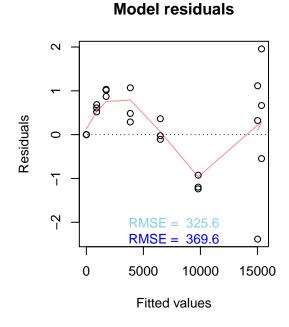


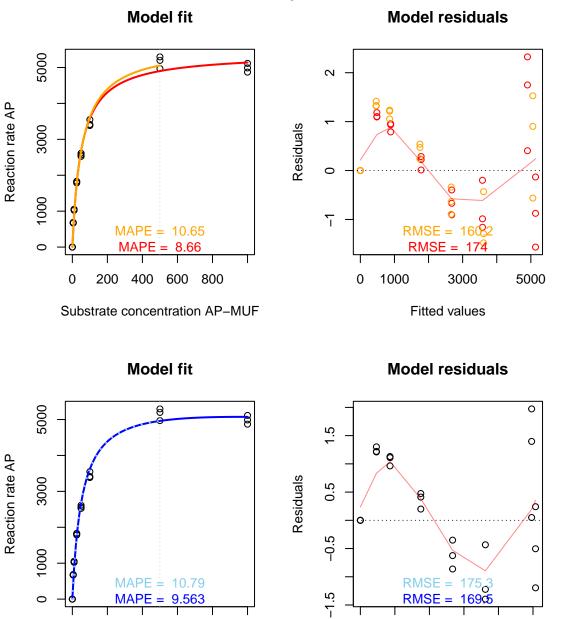






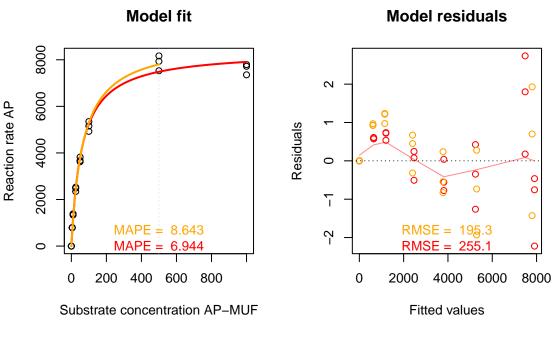


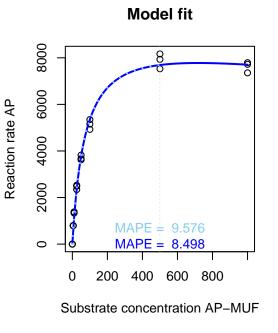


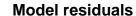


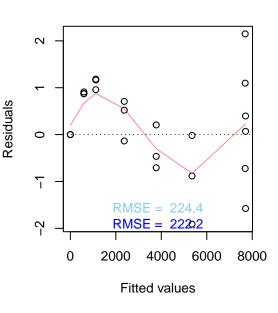
Fitted values

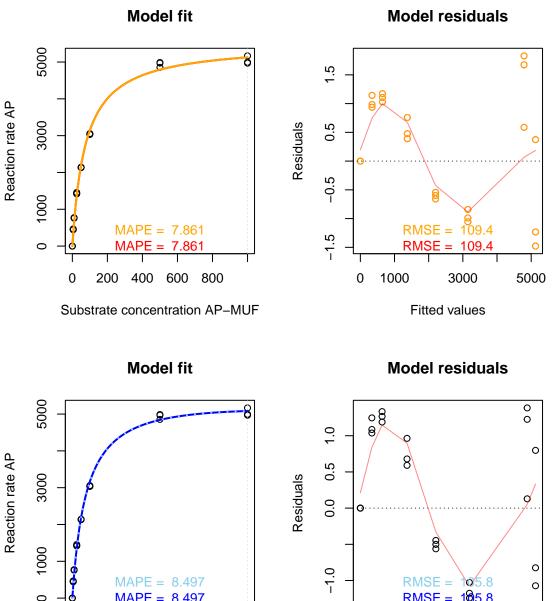








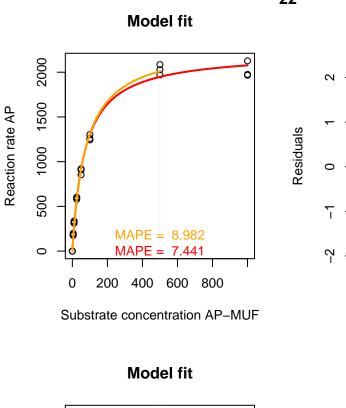


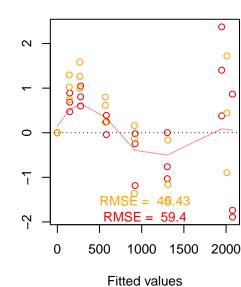


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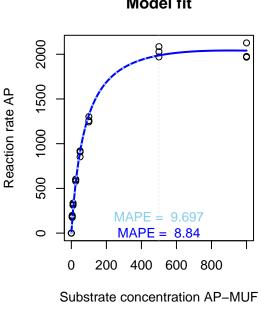
Substrate concentration AP-MUF

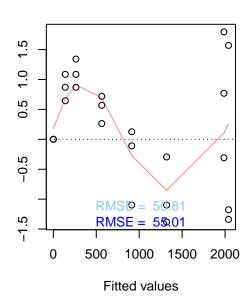
Residuals

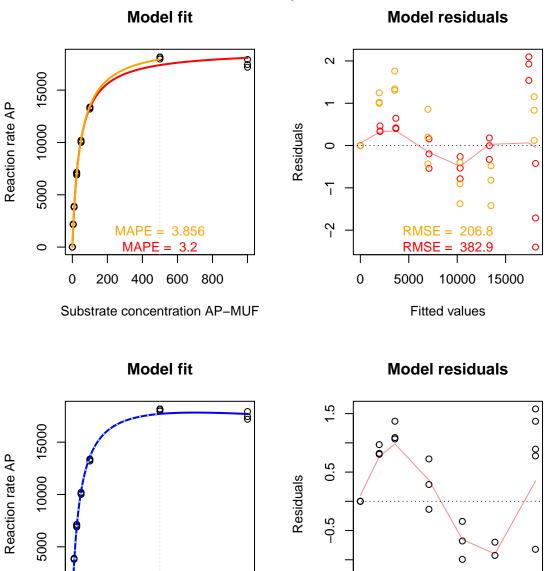




Model residuals







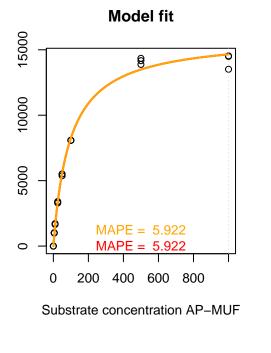
MAPE = 4.878

Substrate concentration AP-MUF

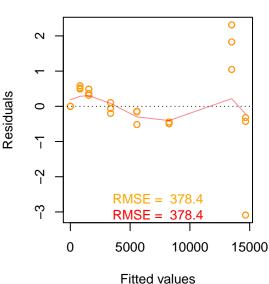
 $RMSE = 292.9^{\circ}$

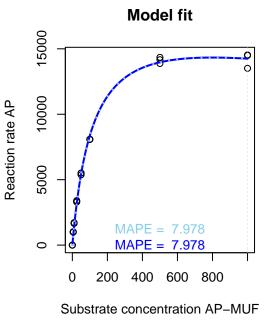
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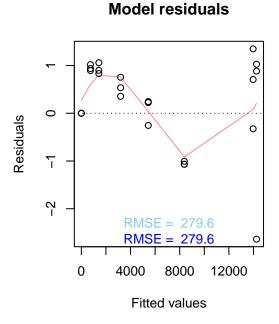


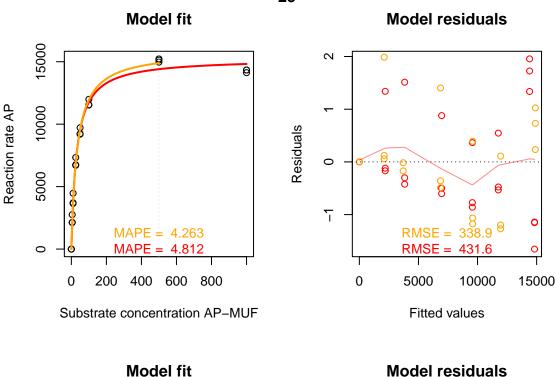


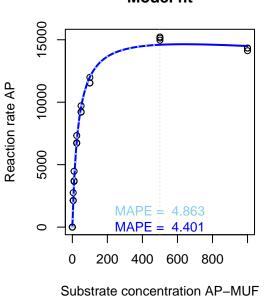
Reaction rate AP

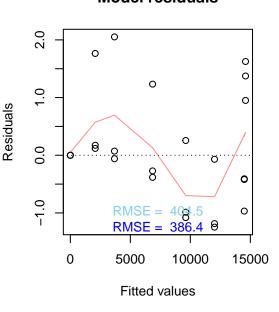


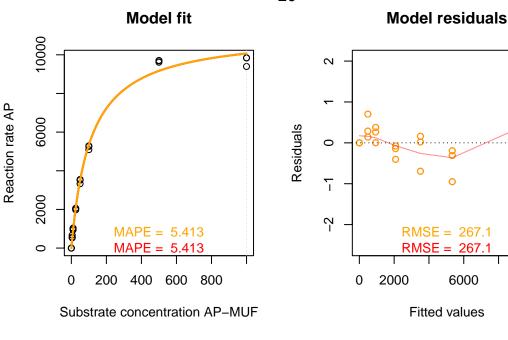


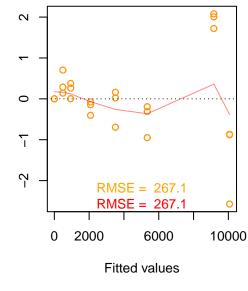


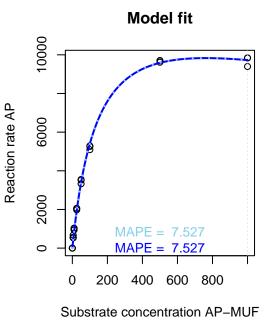


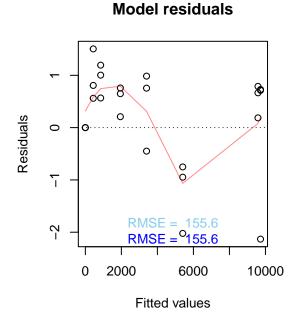


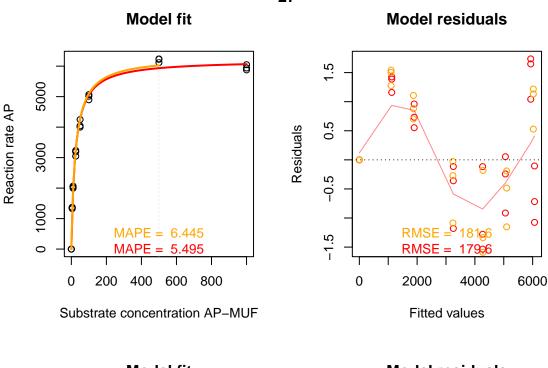


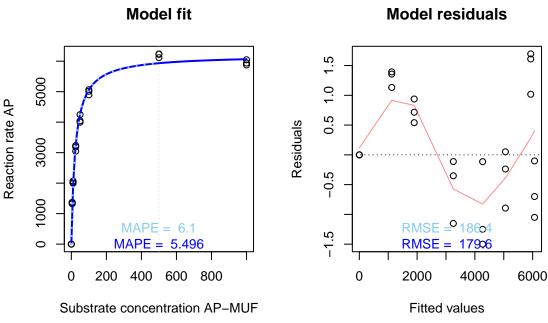


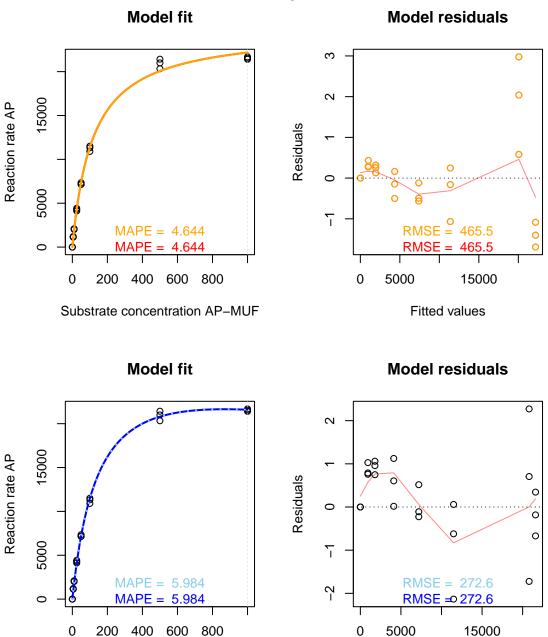




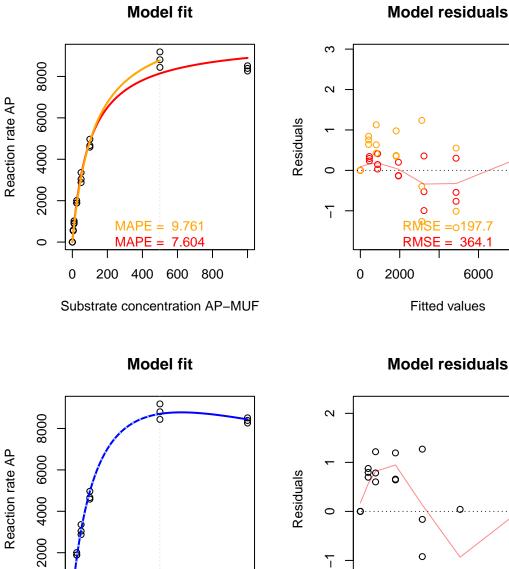




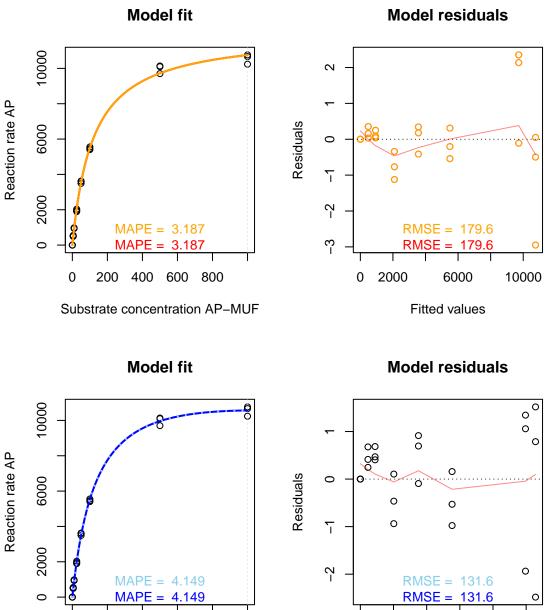




Fitted values

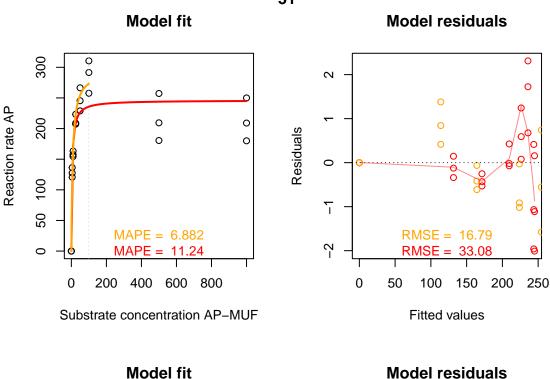


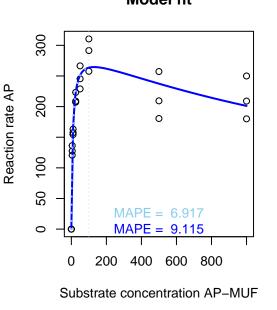
Residuals ī MAPE = 12.24 RMSE = 232.5Substrate concentration AP-MUF Fitted values

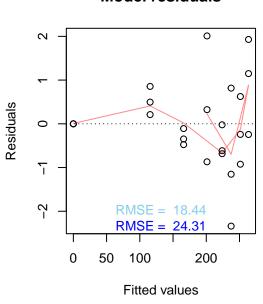


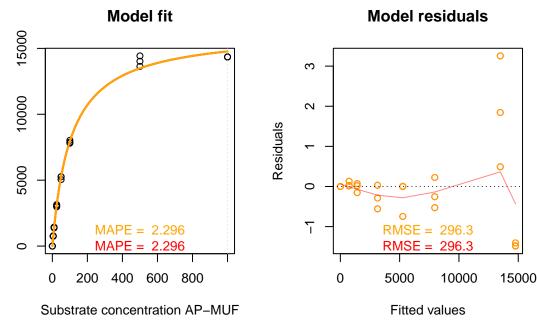
Fitted values

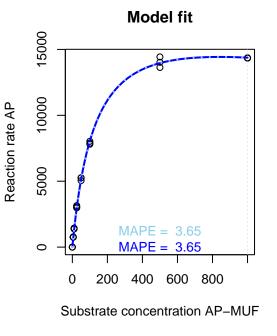
Substrate concentration AP-MUF



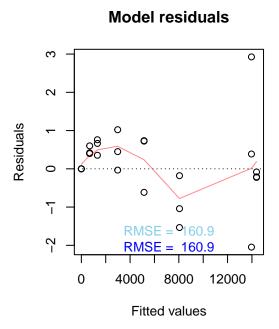


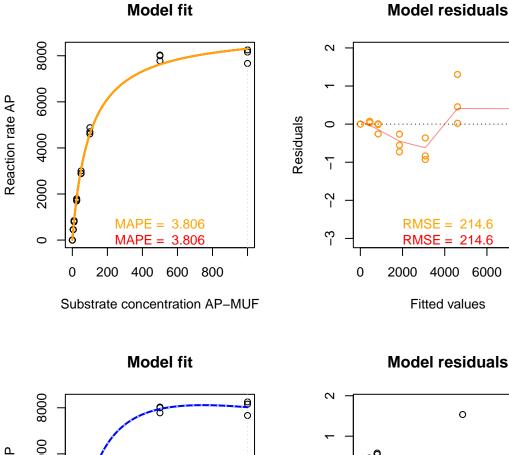


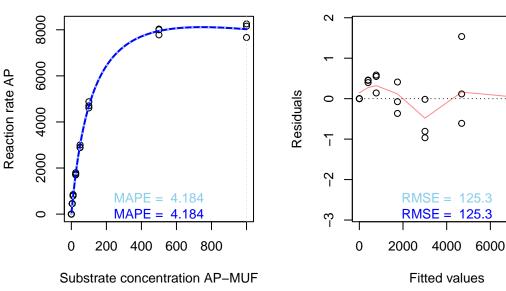


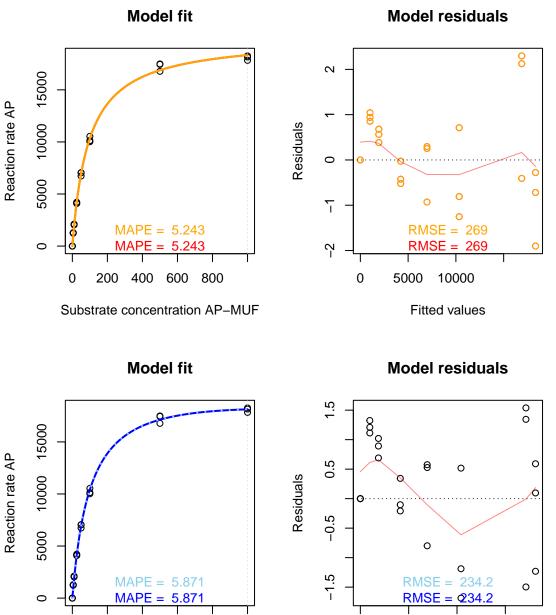


Reaction rate AP



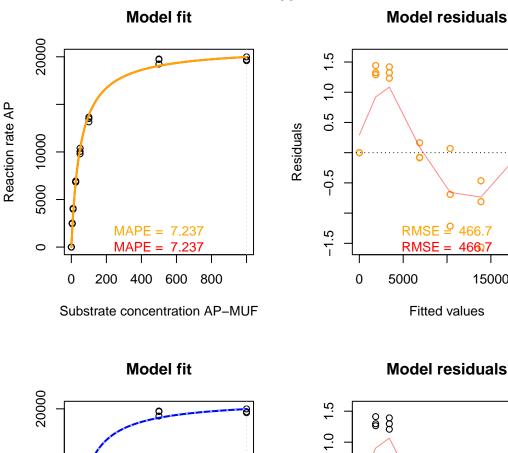


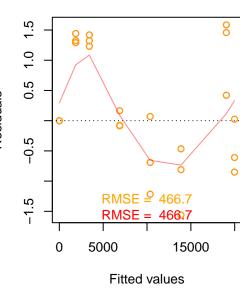


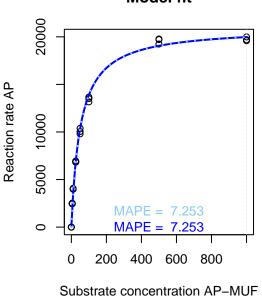


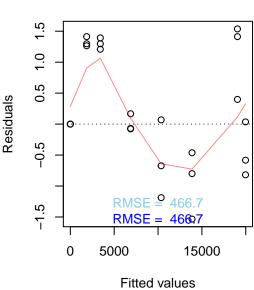
Substrate concentration AP-MUF

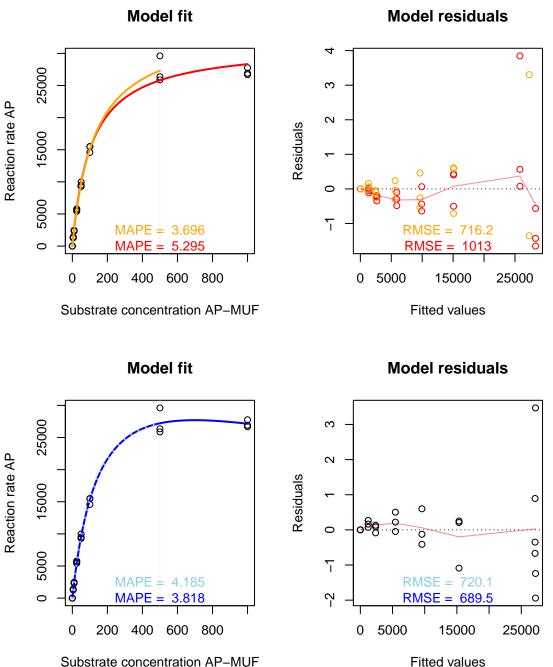
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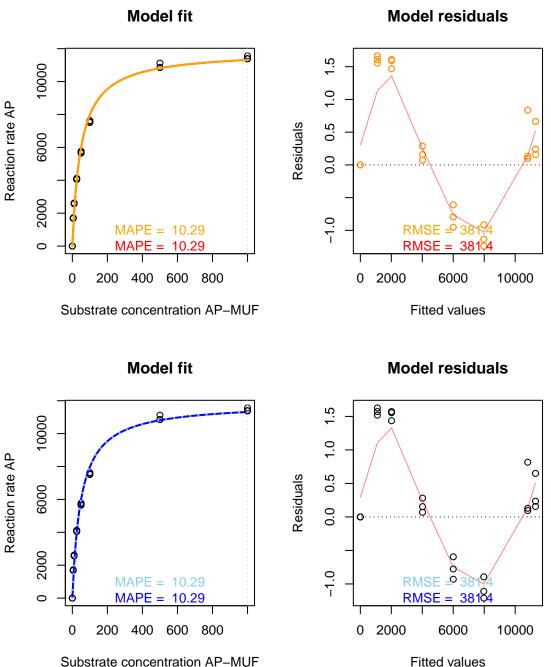


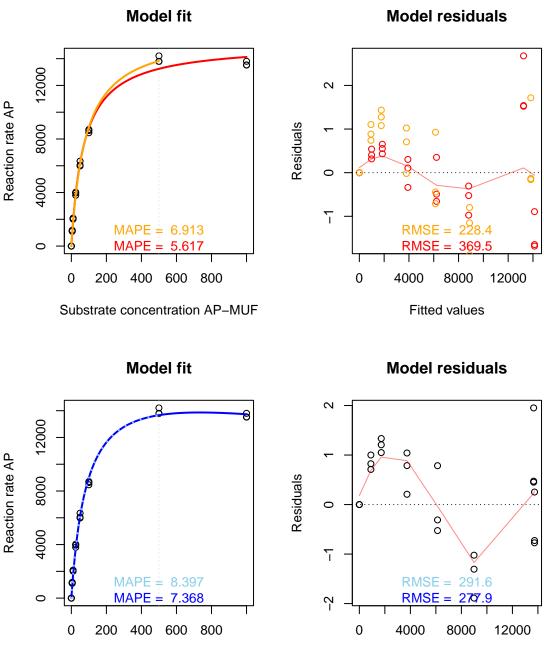




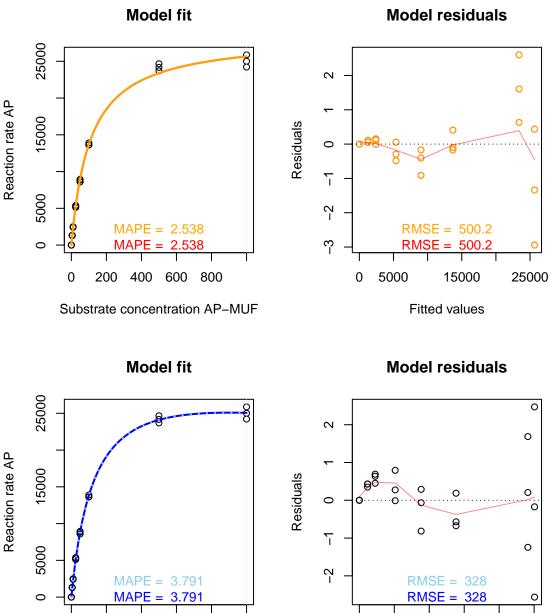






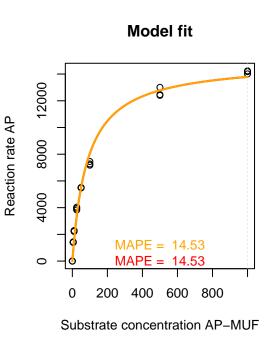


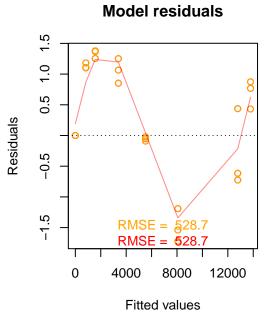
Fitted values

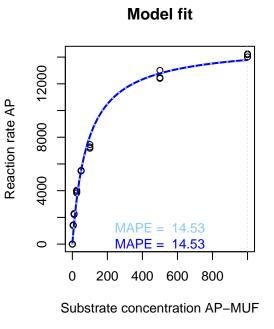


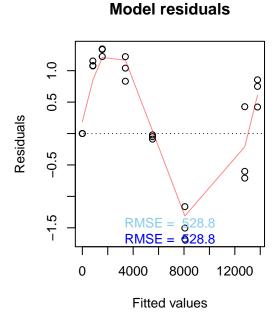
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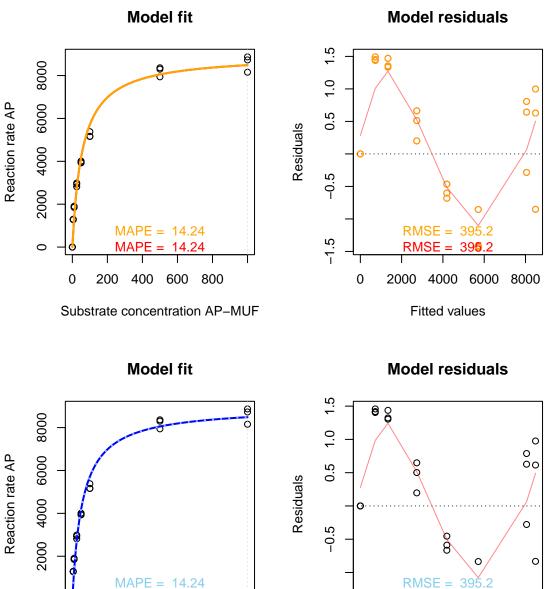








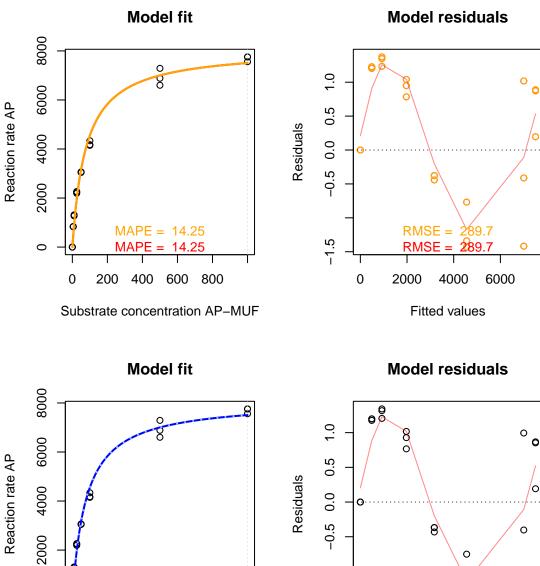




-1.5

Fitted values

Substrate concentration AP-MUF

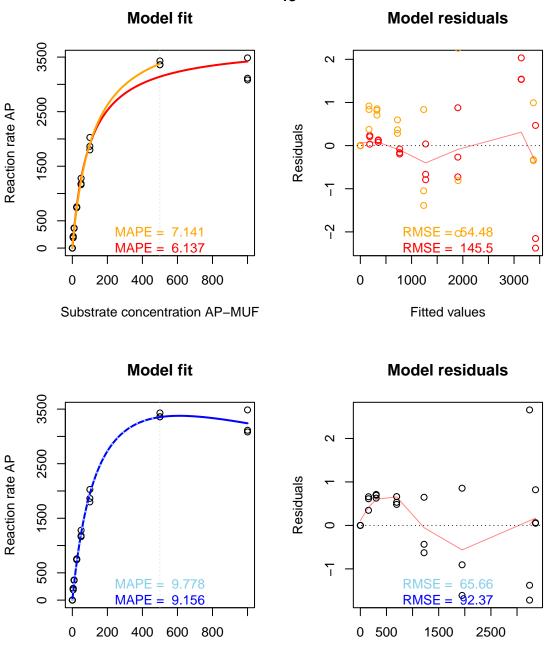


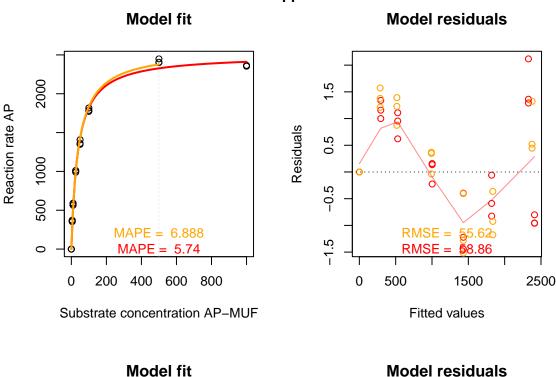
RMSE =

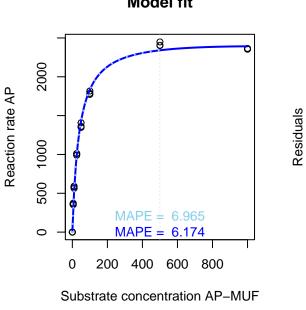
Fitted values

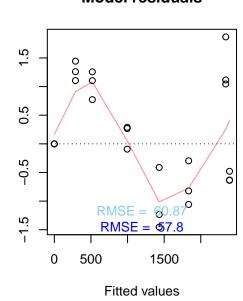
MAPE = 14.25

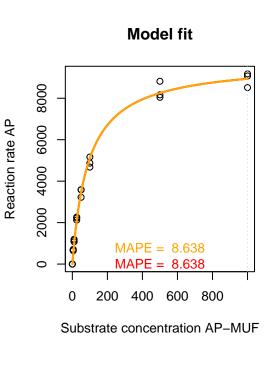
Substrate concentration AP-MUF

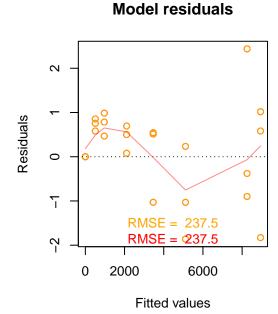


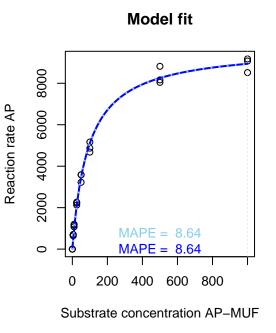


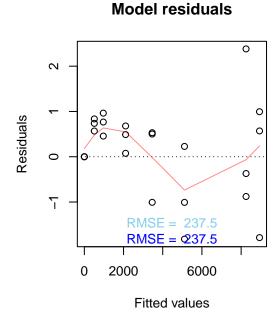


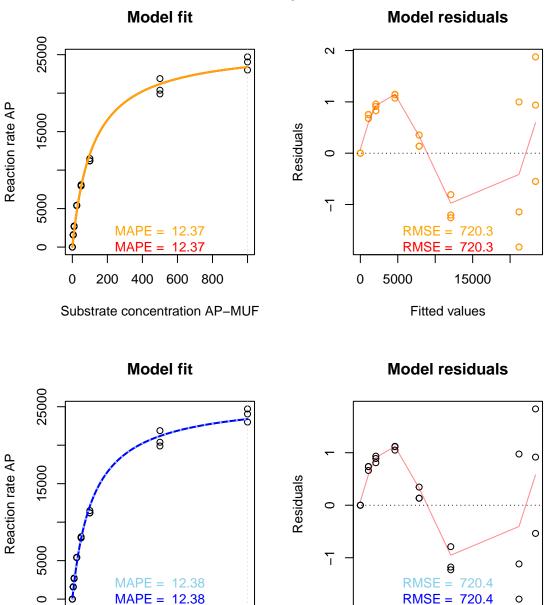






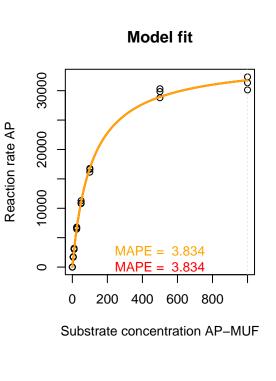


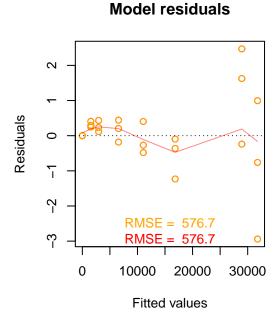


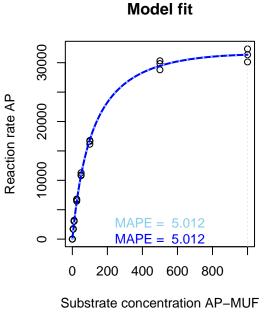


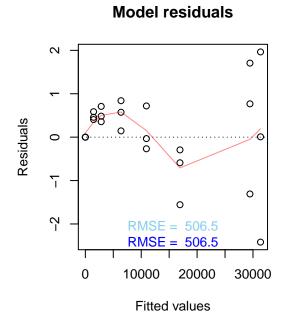
Fitted values

Substrate concentration AP-MUF

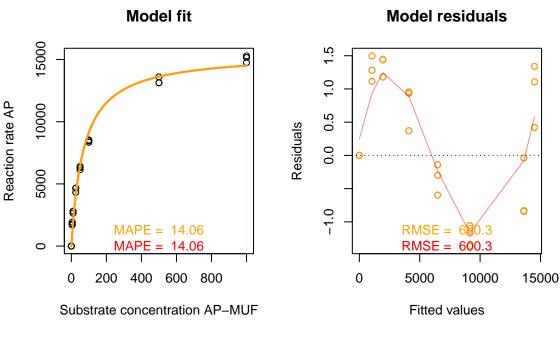


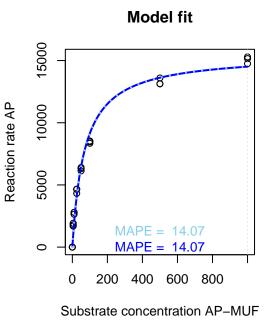


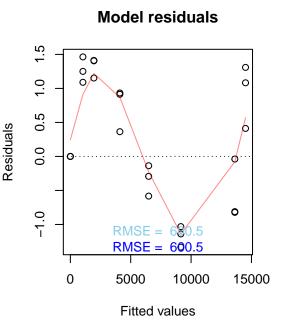


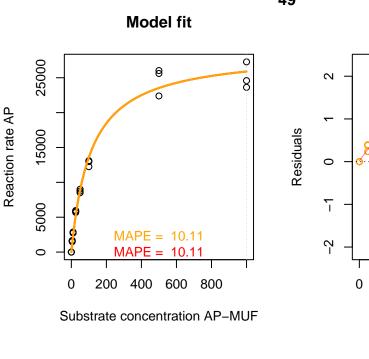


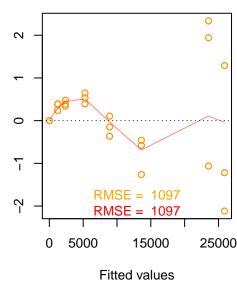




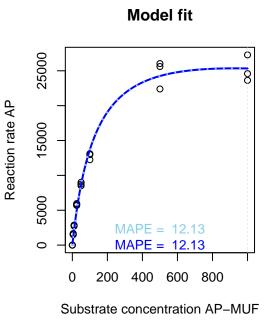


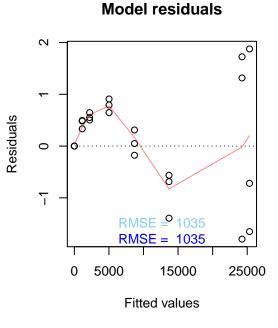


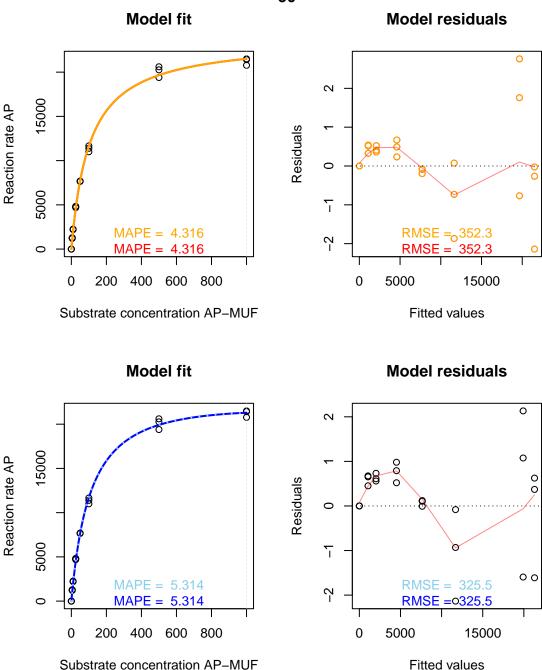




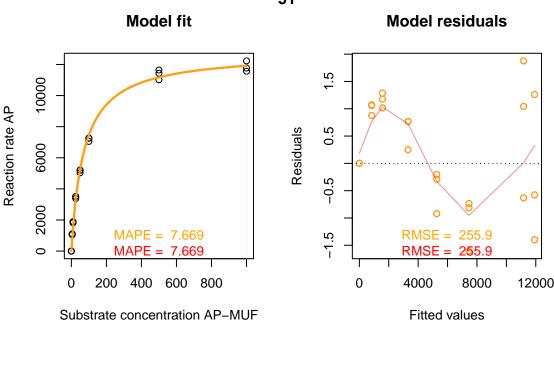
Model residuals

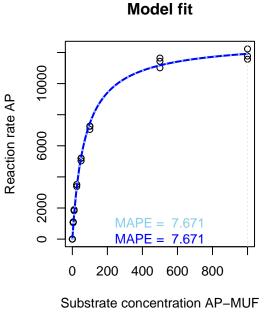


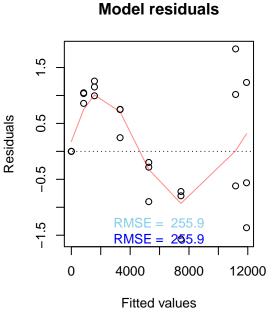


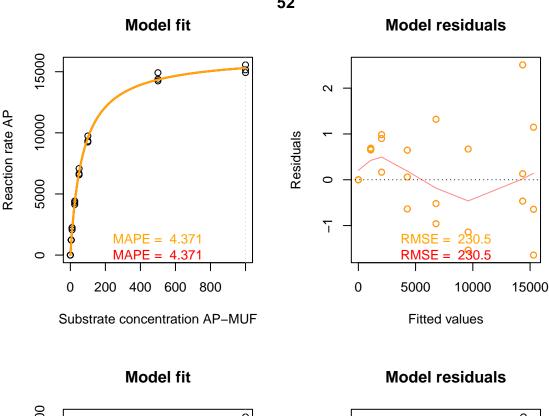


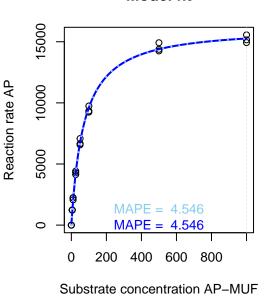


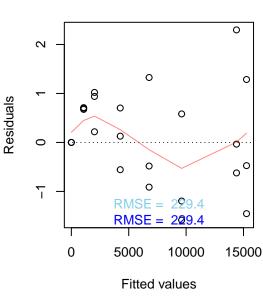


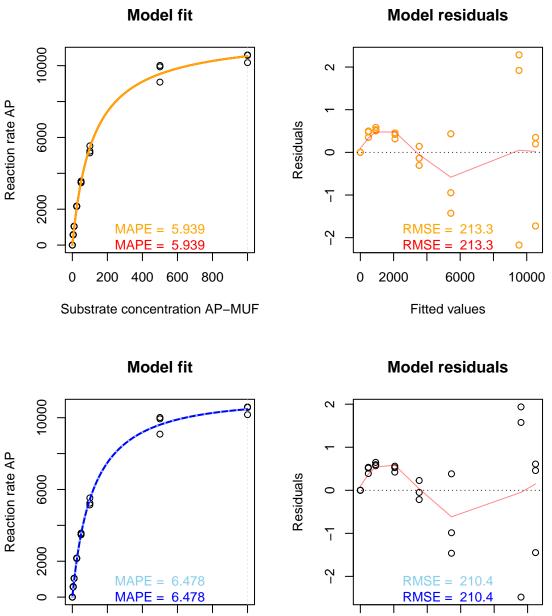








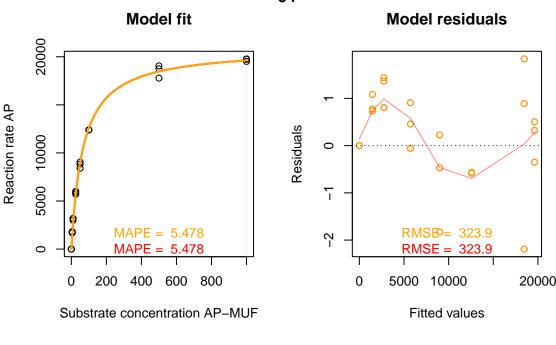


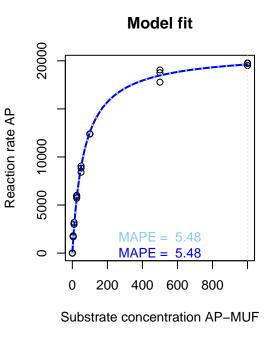


Fitted values

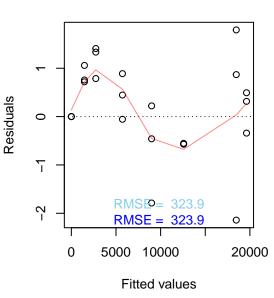
Substrate concentration AP-MUF

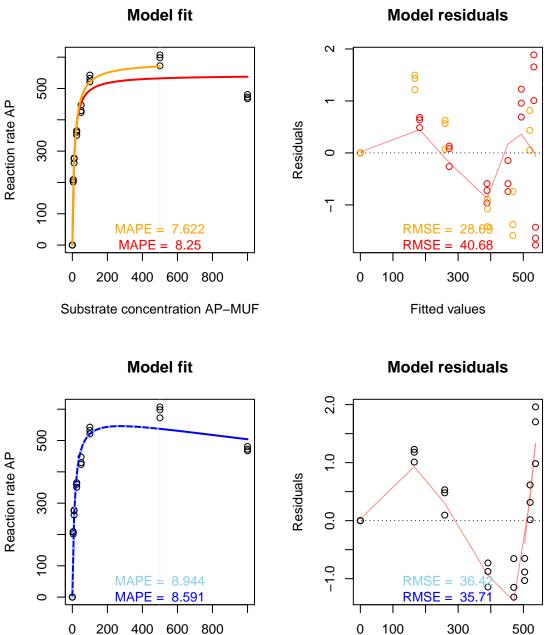


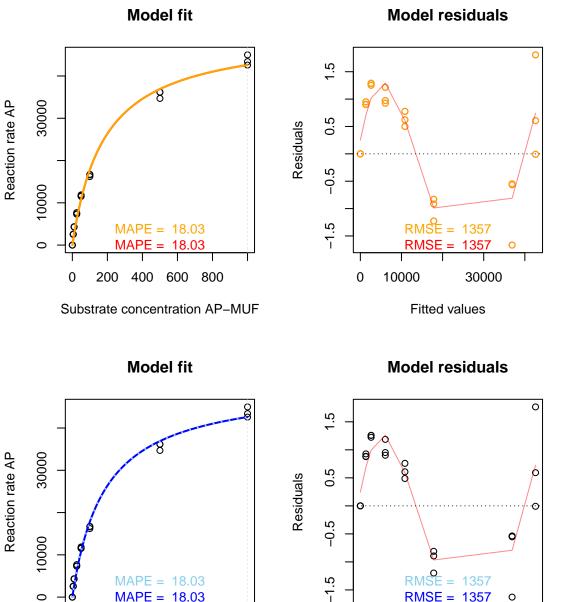






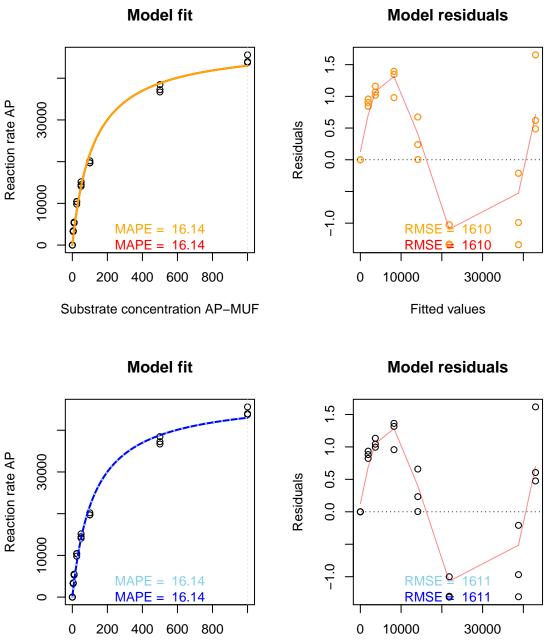


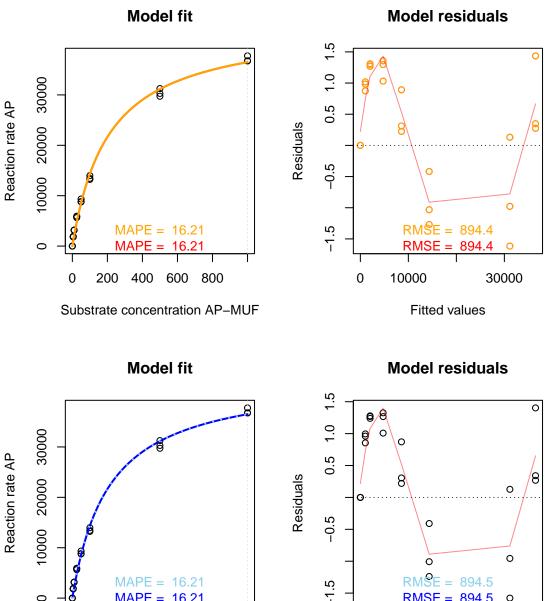




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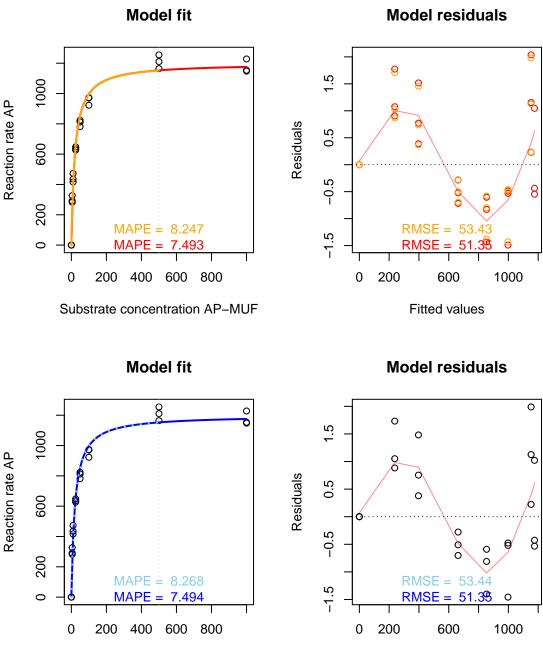
Substrate concentration AP-MUF



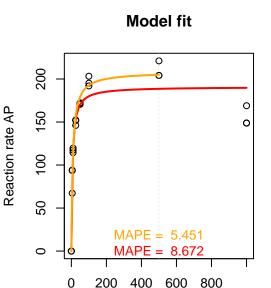


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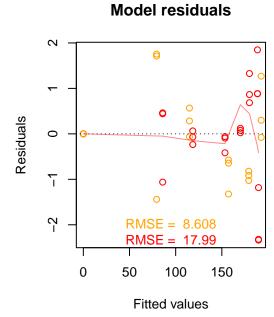
Substrate concentration AP-MUF



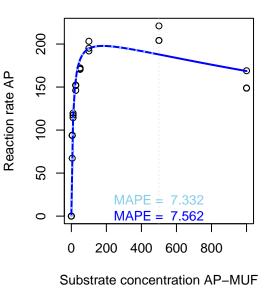




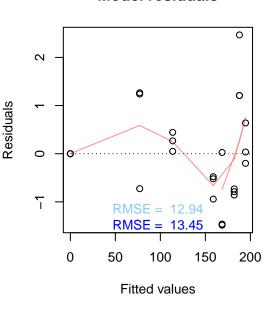
Substrate concentration AP-MUF

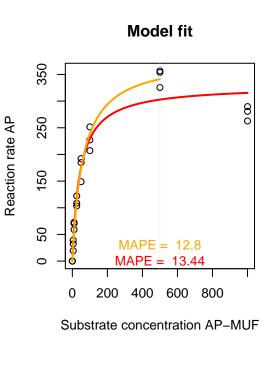


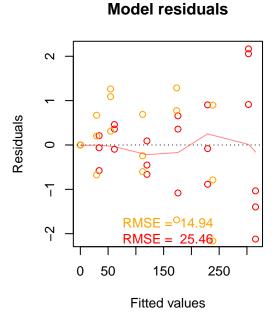
Model fit

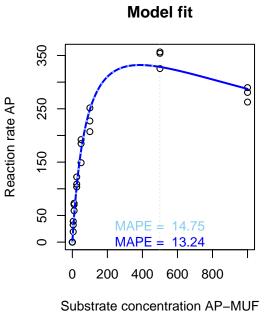


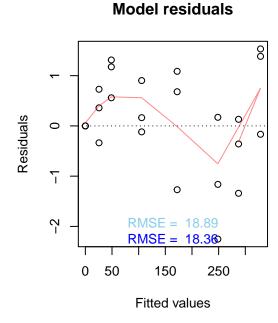
Model residuals

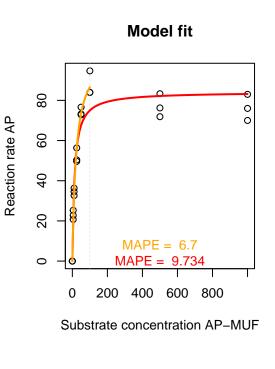


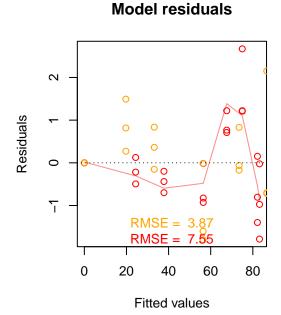


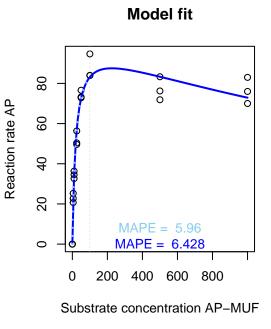


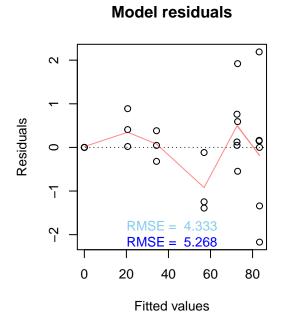


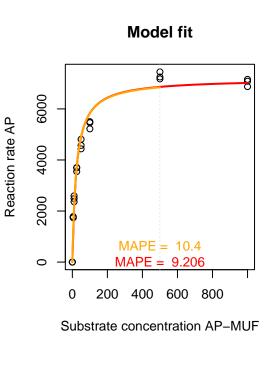


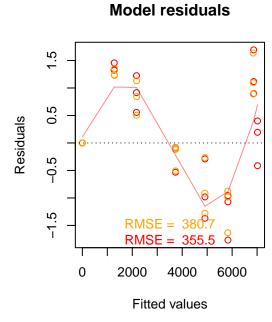


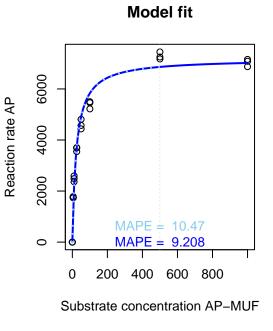


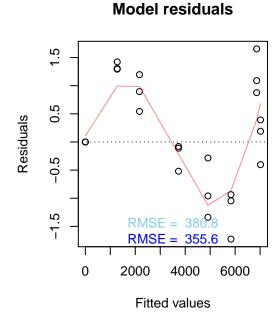






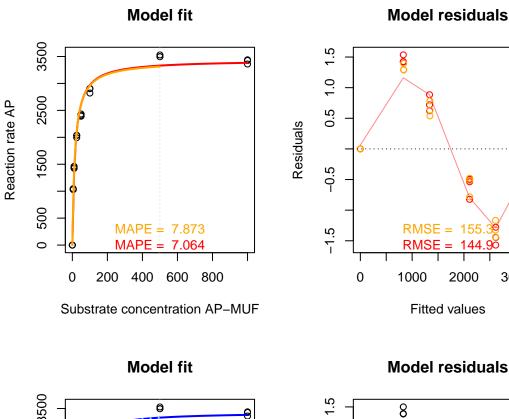


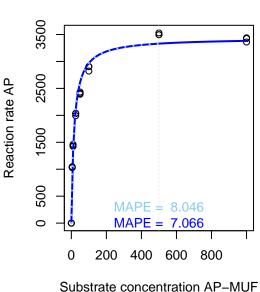




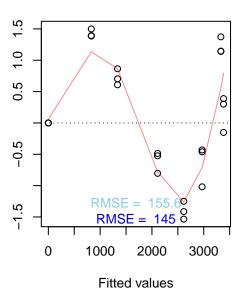


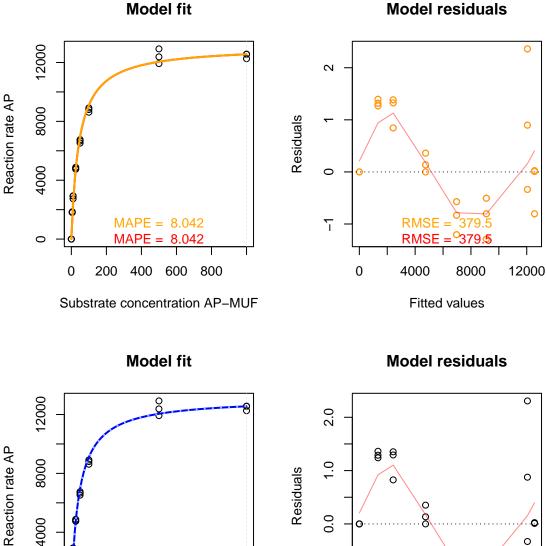
Residuals



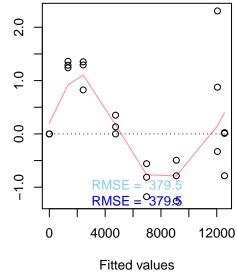


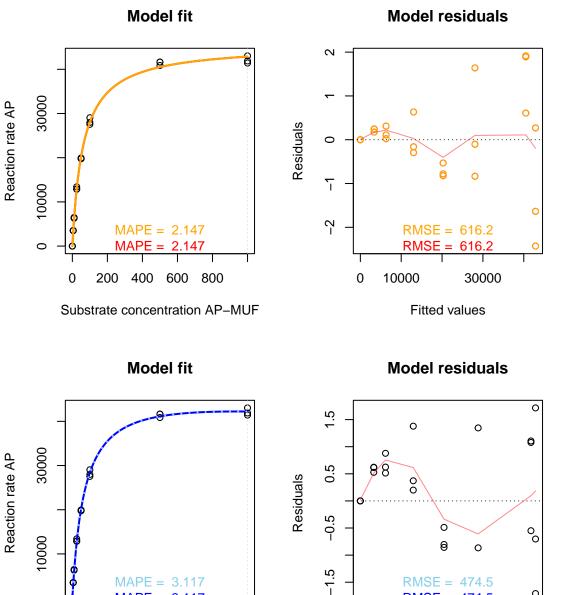






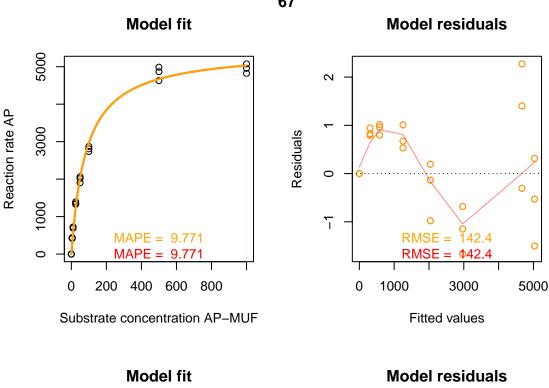
MAPE = 8.044Substrate concentration AP-MUF

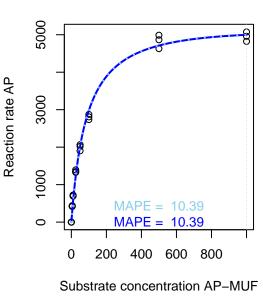


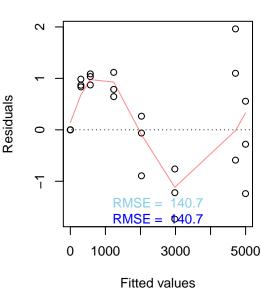


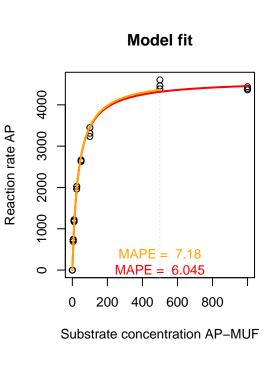
Fitted values

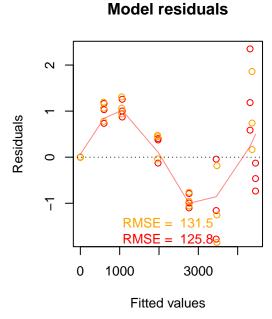
Substrate concentration AP-MUF

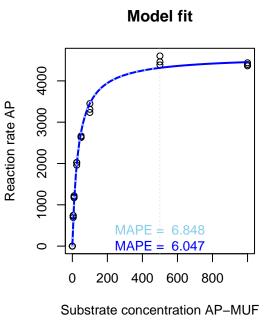


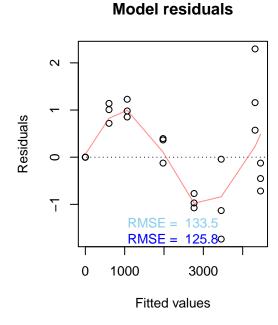


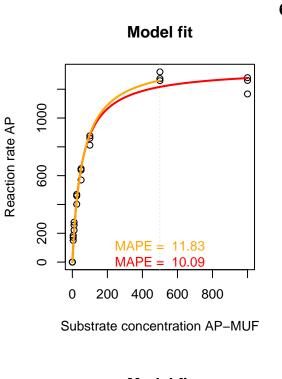


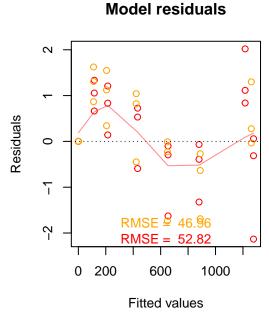


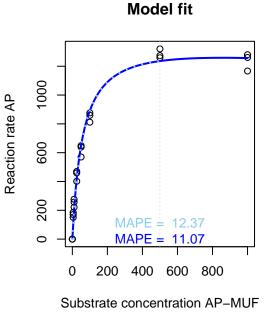


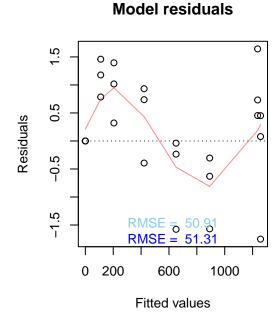




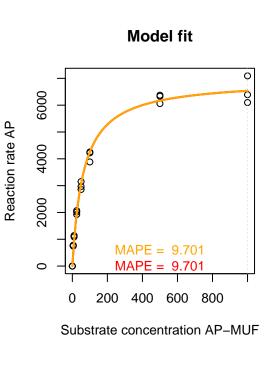


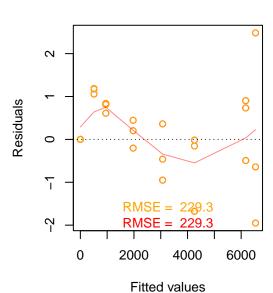




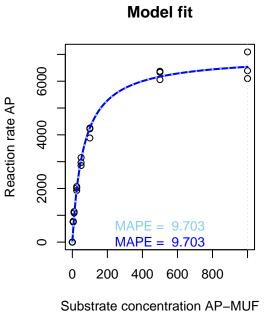


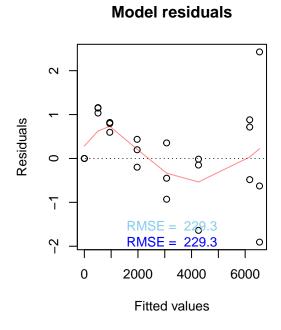




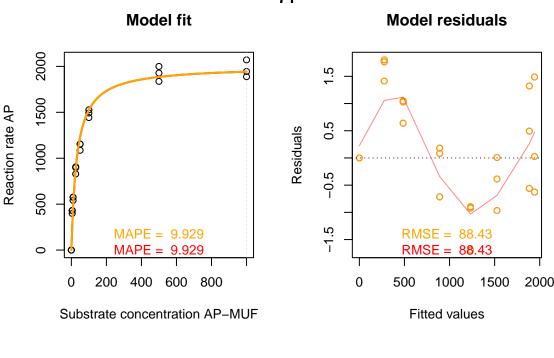


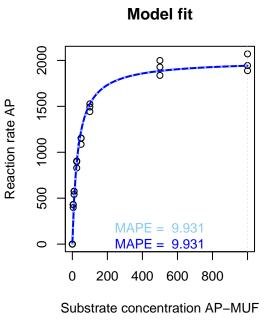
Model residuals



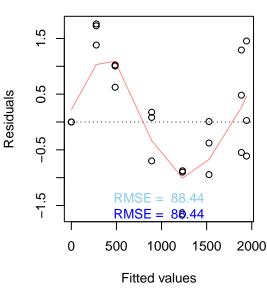


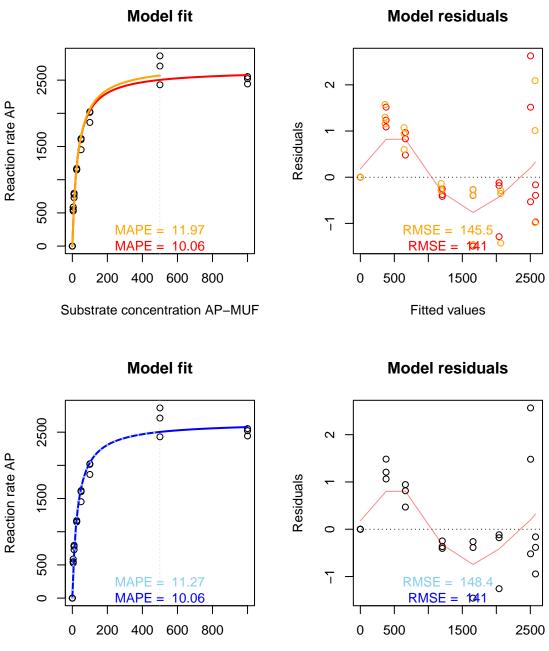


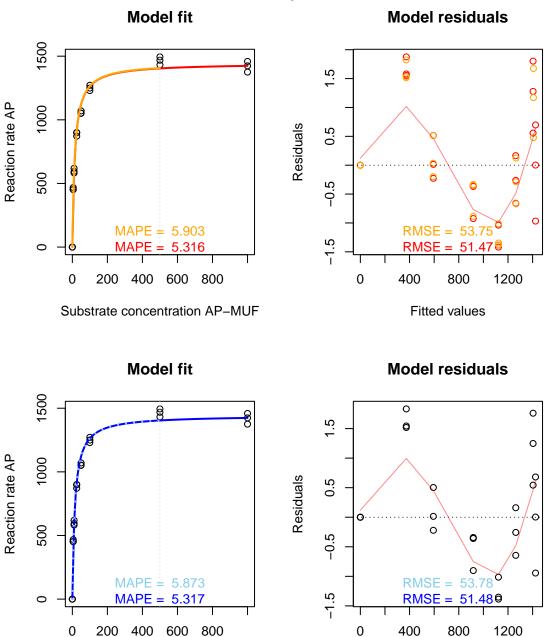




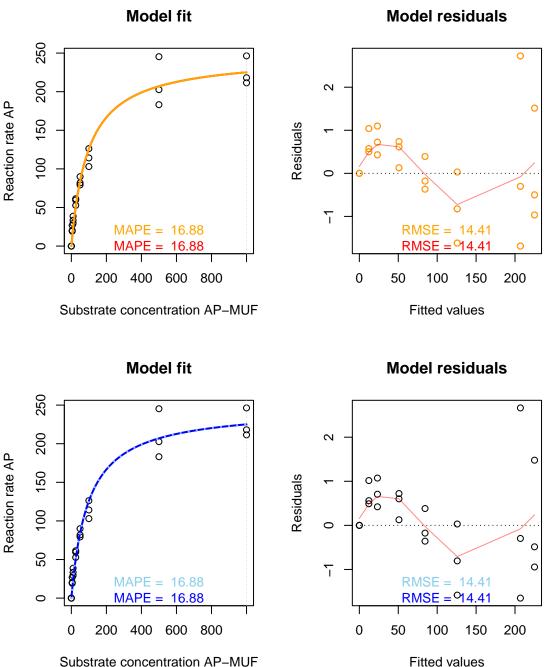


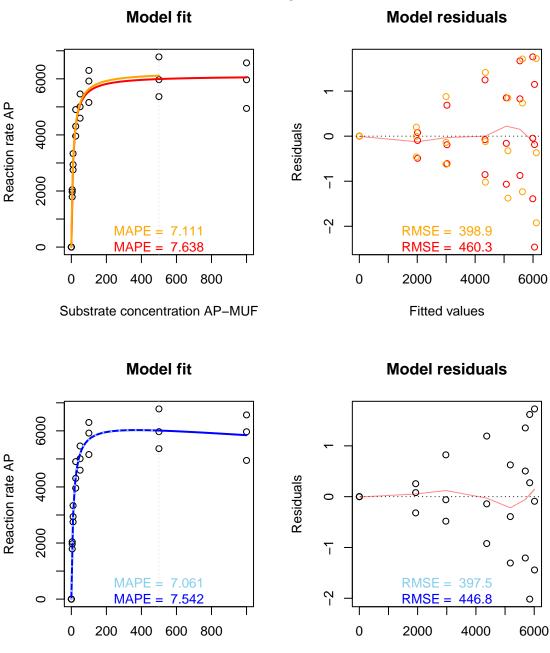




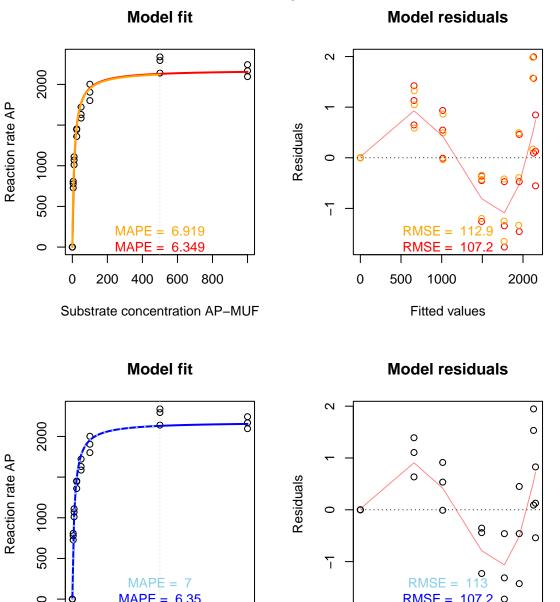






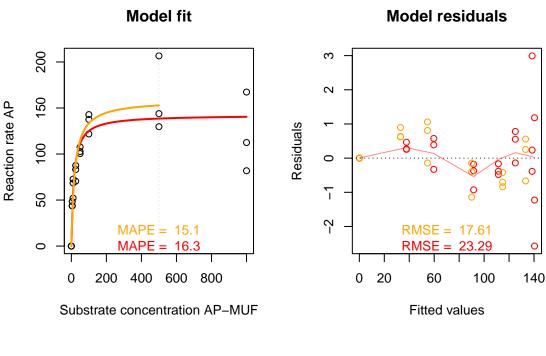


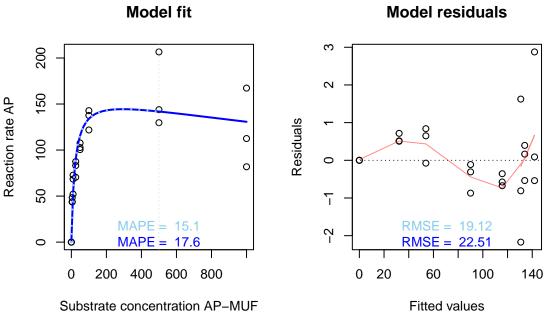
Substrate concentration AP-MUF



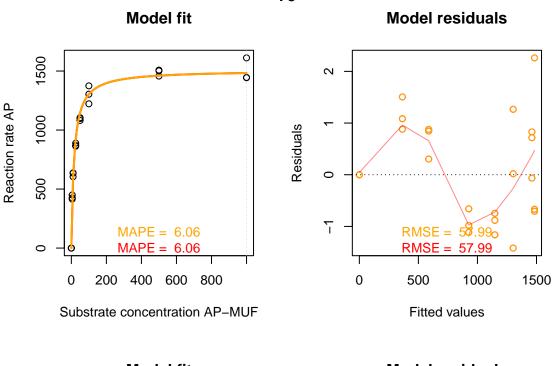
Substrate concentration AP-MUF

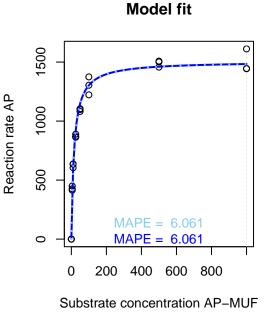
Fitted values

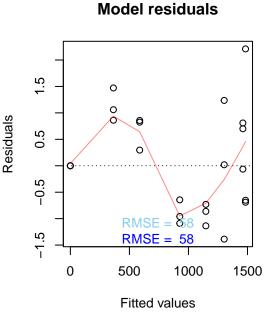


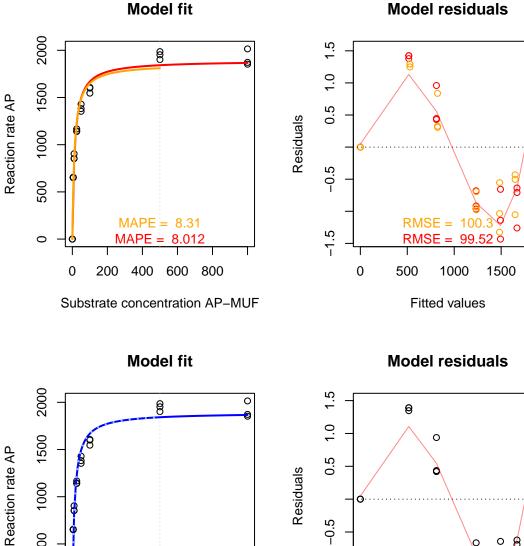




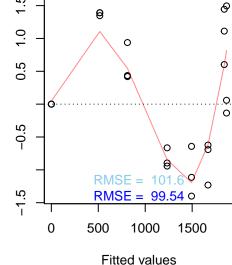




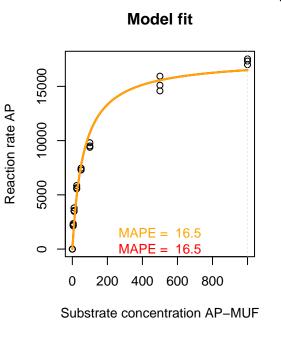


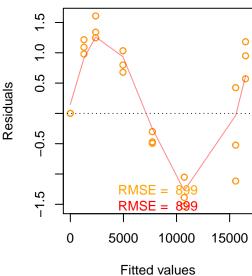


MAPE = 8.882 Substrate concentration AP-MUF

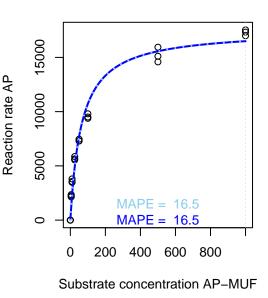


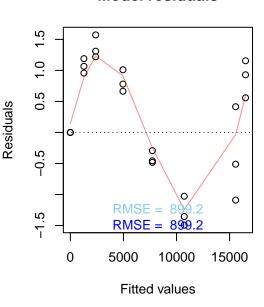


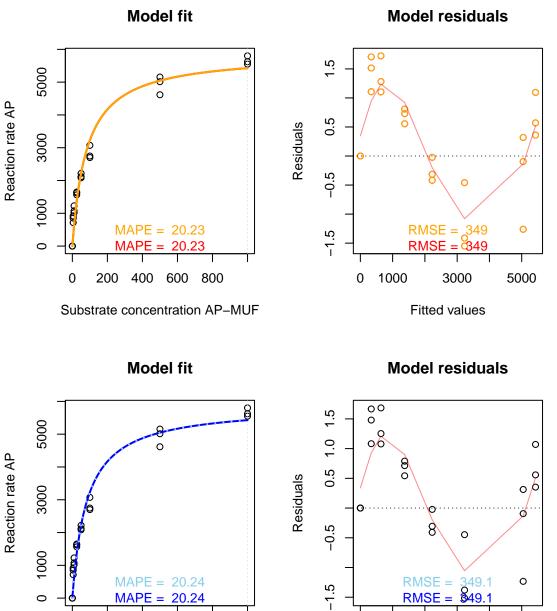






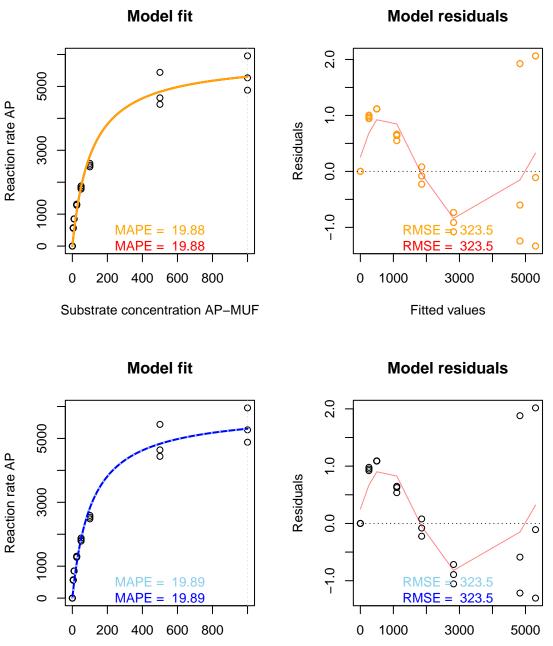




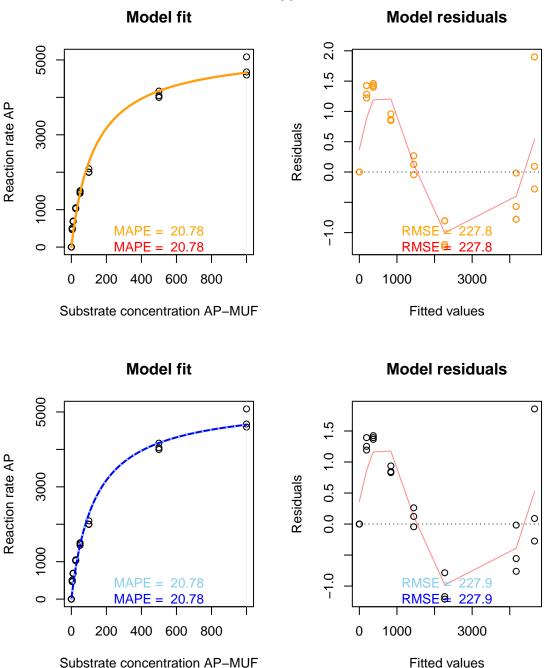


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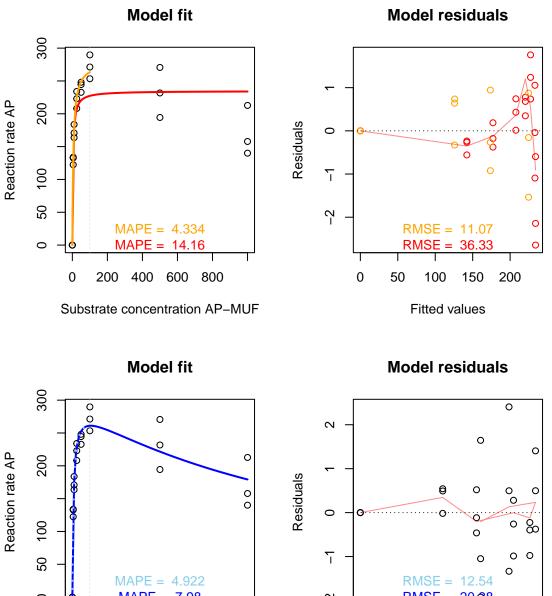
Substrate concentration AP-MUF



Substrate concentration AP-MUF

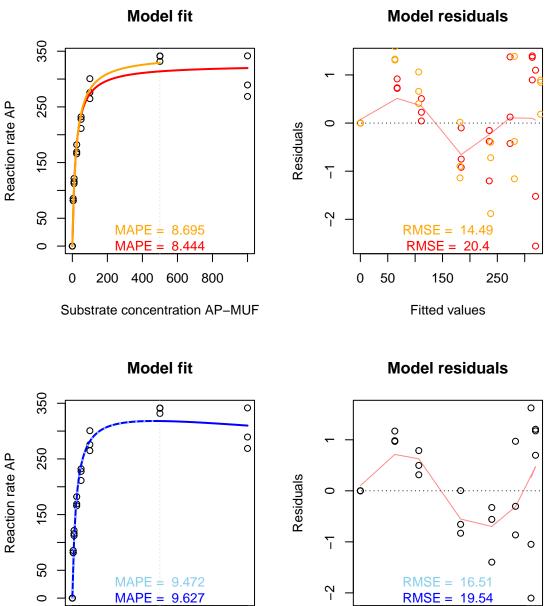






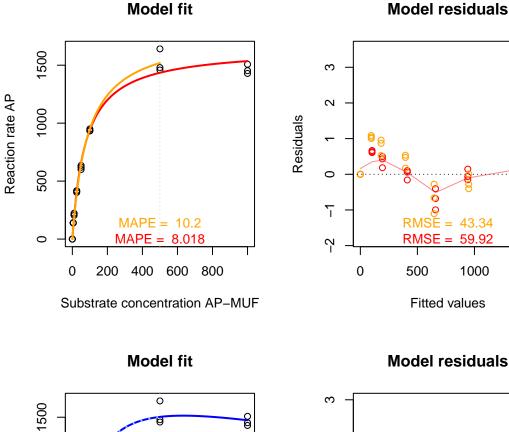
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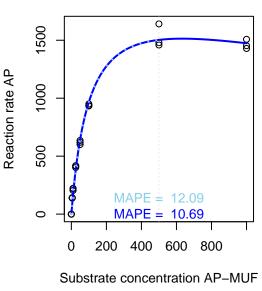
Substrate concentration AP-MUF

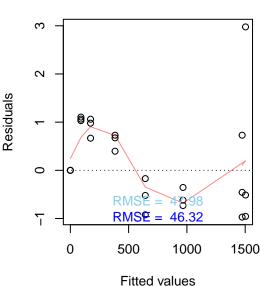


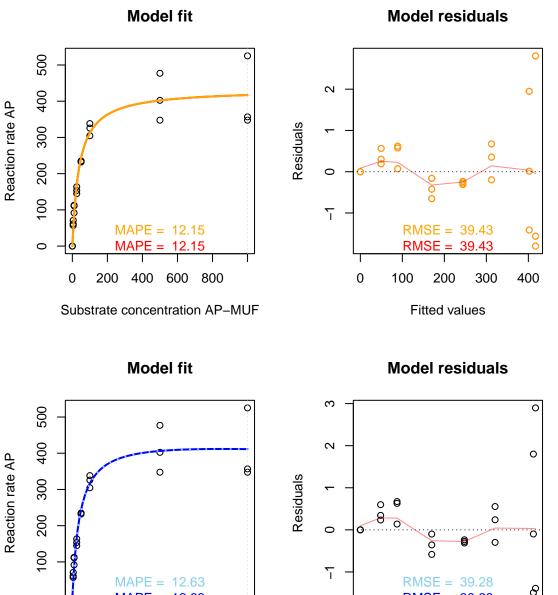
Substrate concentration AP-MUF

Fitted values



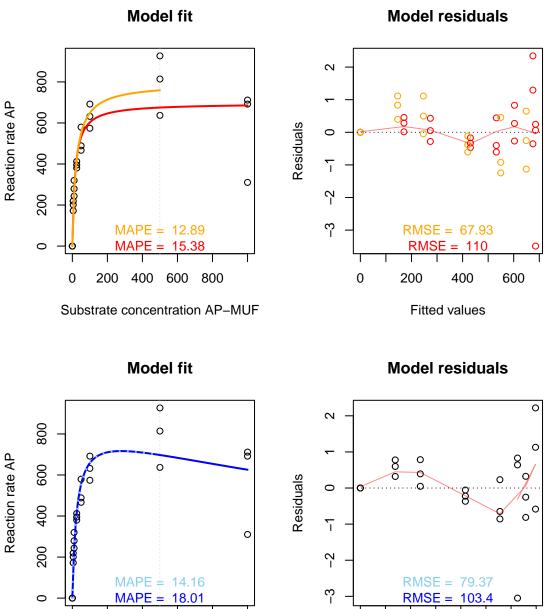






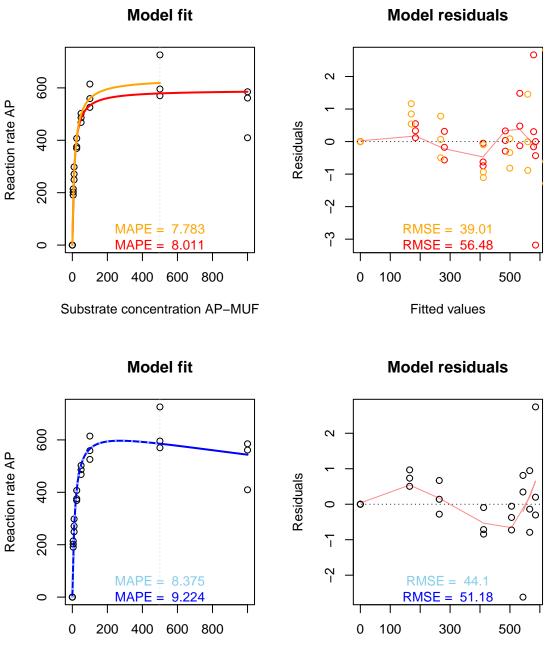
Substrate concentration AP-MUF

Fitted values

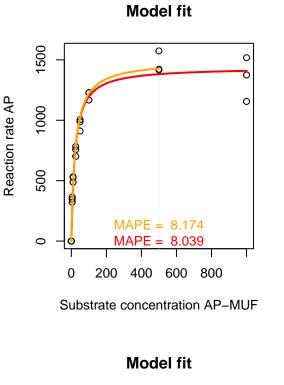


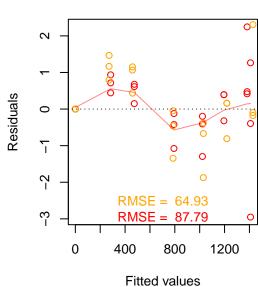
Substrate concentration AP-MUF

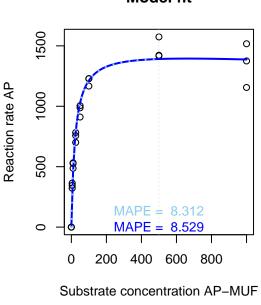
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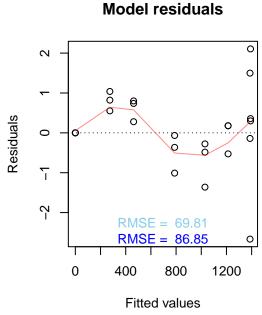


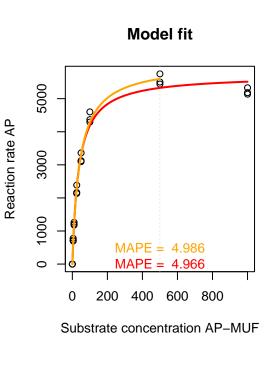
Substrate concentration AP-MUF

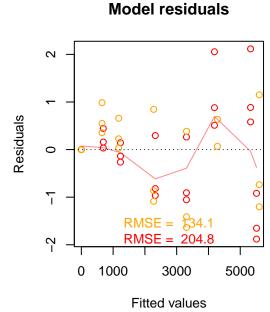


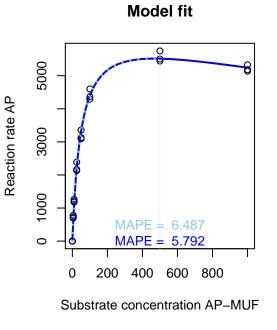


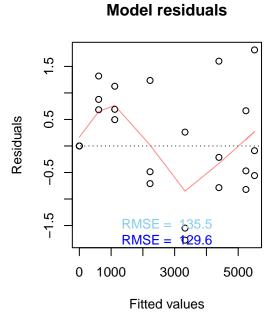


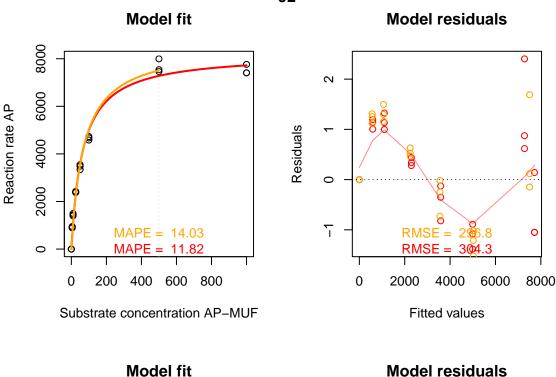


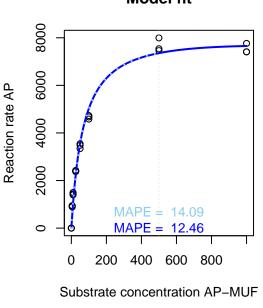


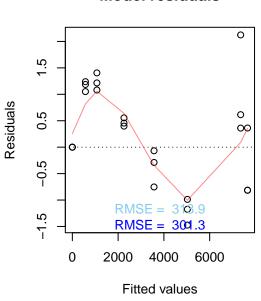




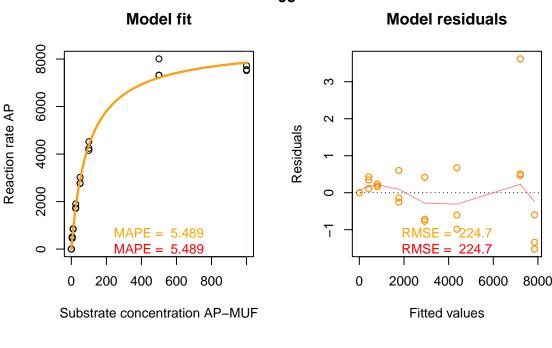


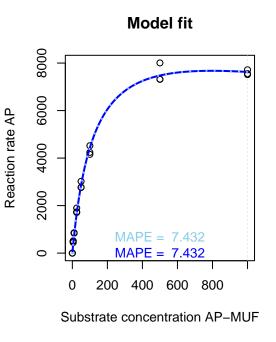


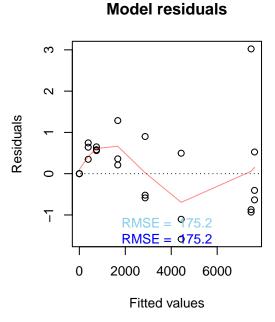




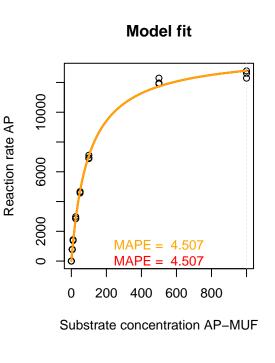


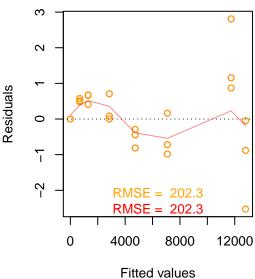




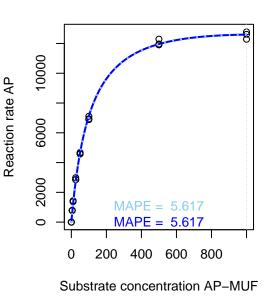


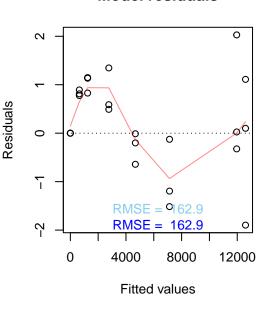


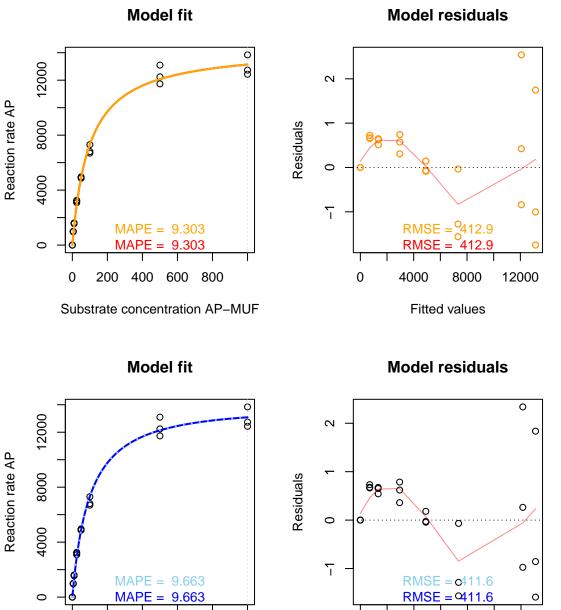




Model fit

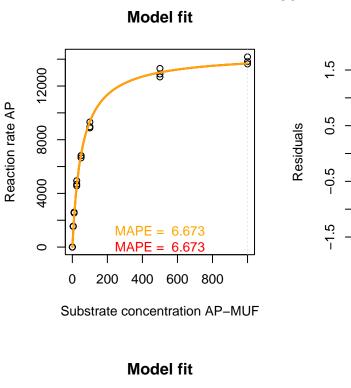


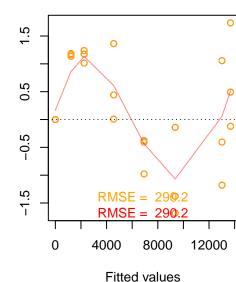


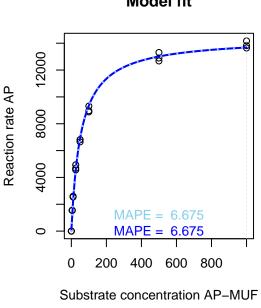


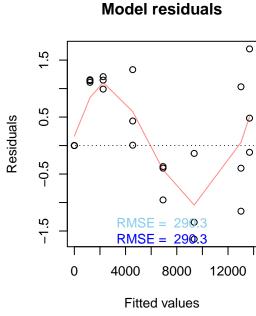
Substrate concentration AP-MUF

Fitted values

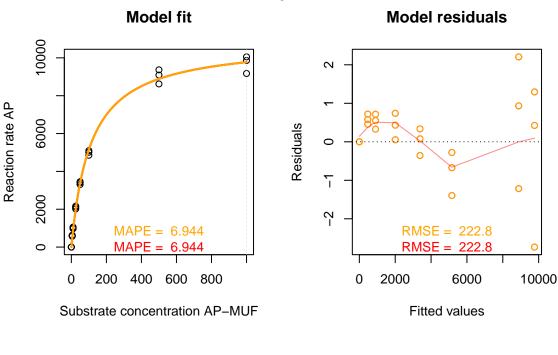


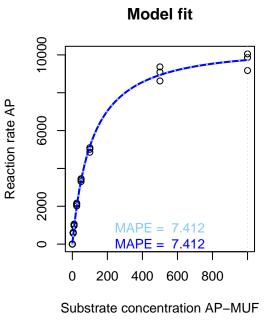


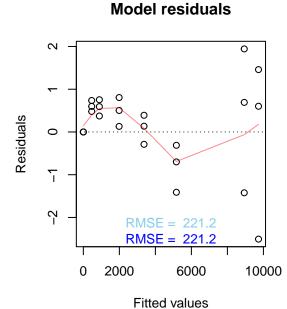


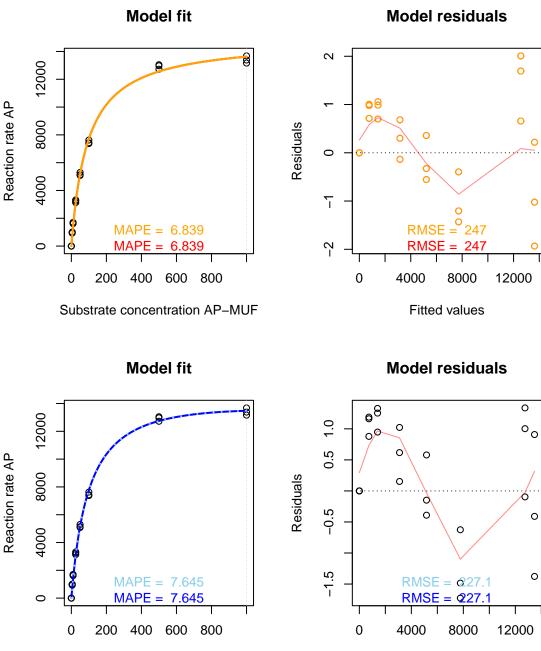




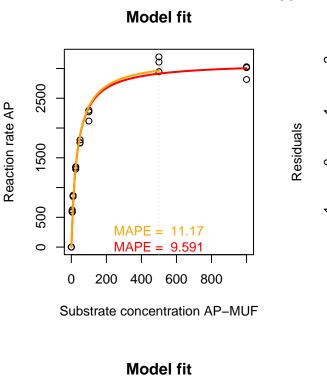


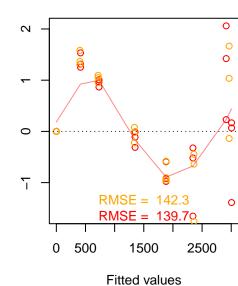


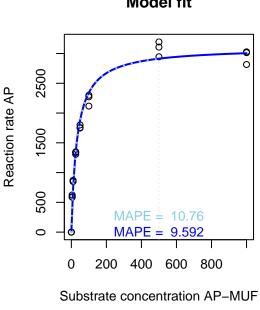


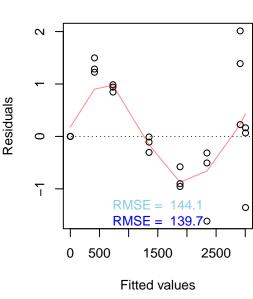


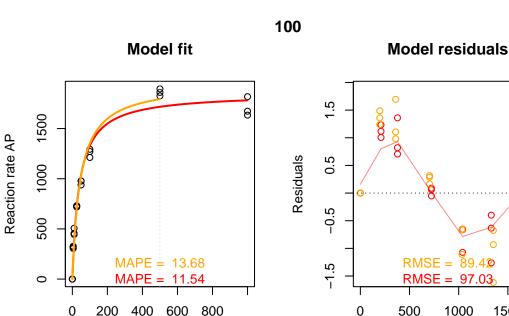
Substrate concentration AP-MUF



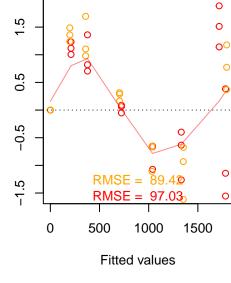


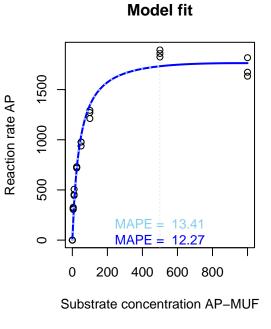


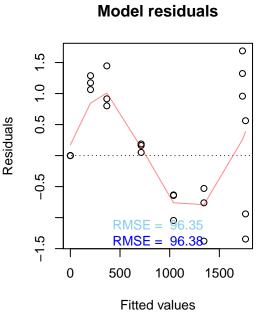




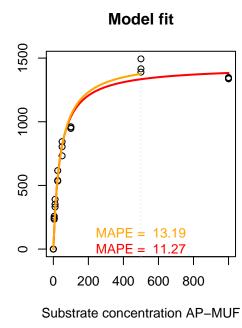




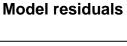


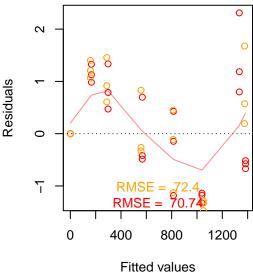


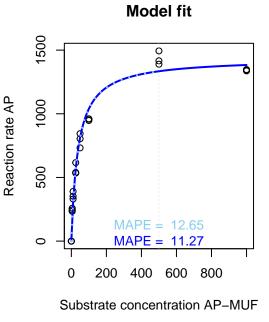


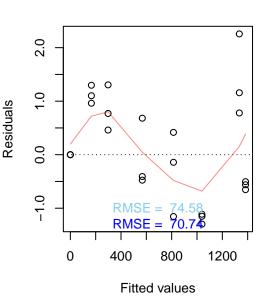


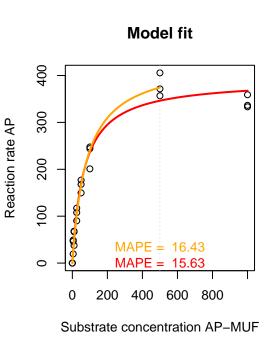
Reaction rate AP

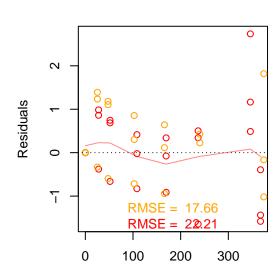




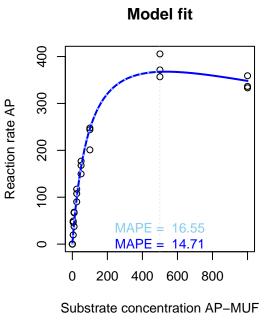


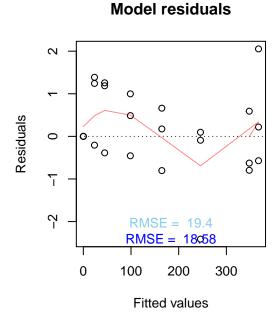


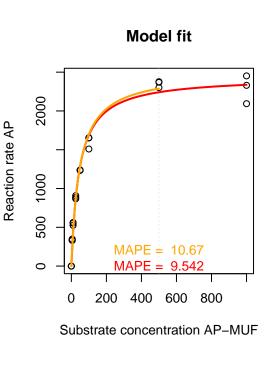


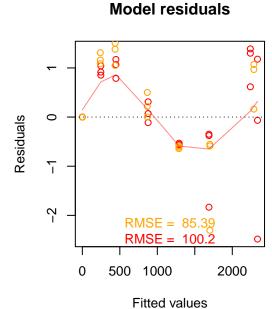


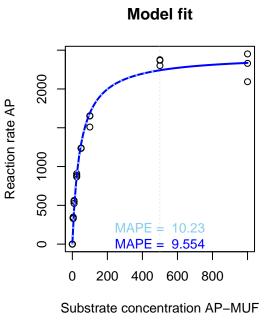
Fitted values

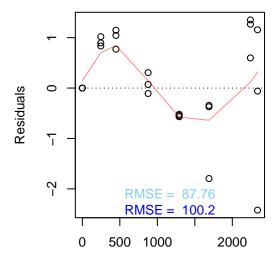


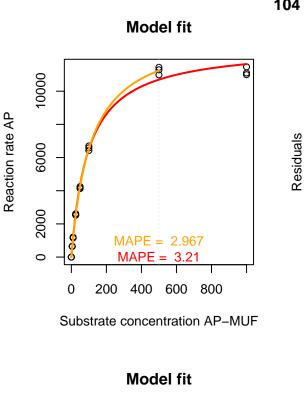


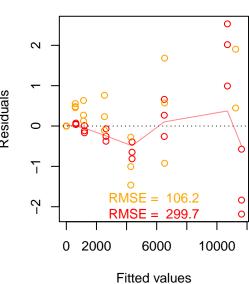


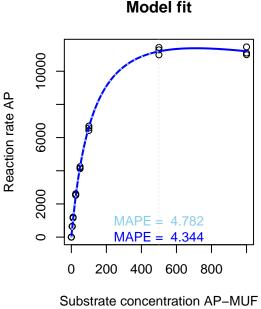


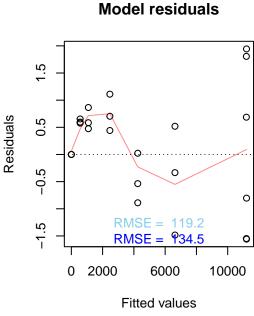






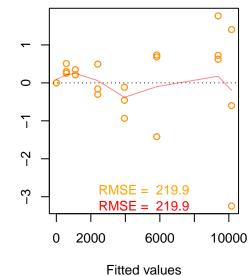






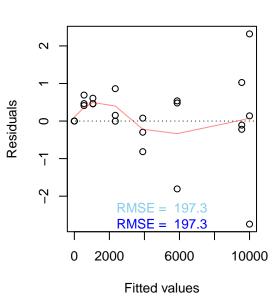


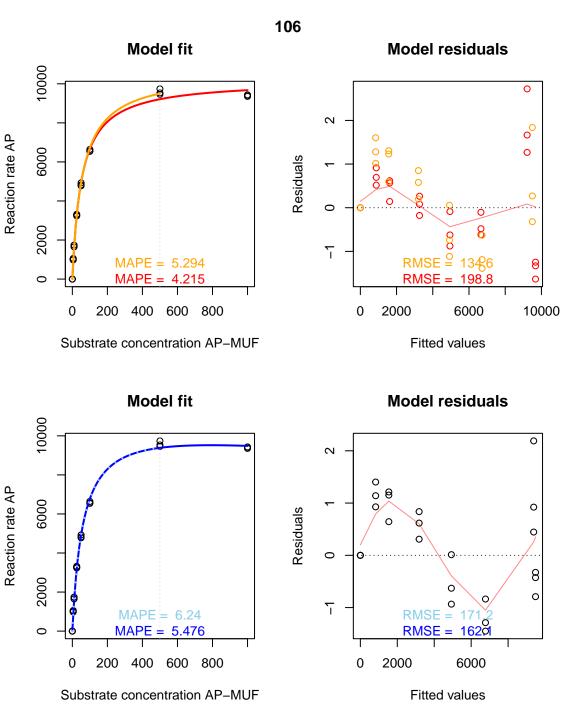
Reaction rate AP



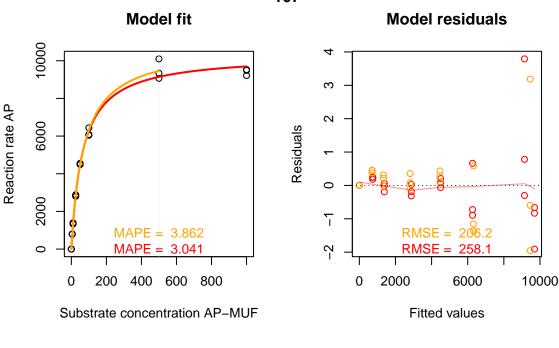
Model fit

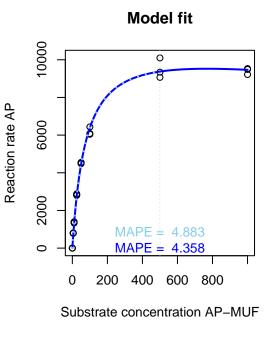
MAPE = 5.237Substrate concentration AP-MUF

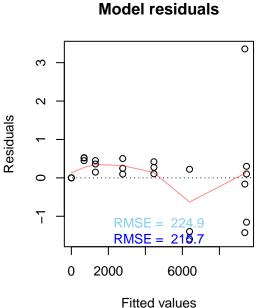


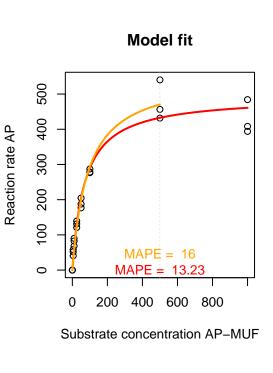


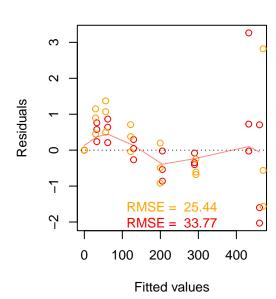


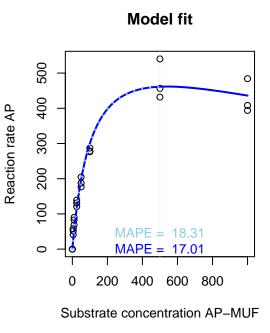


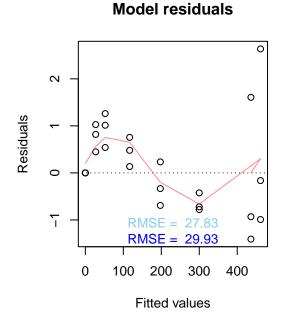


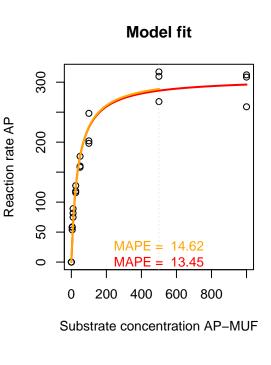


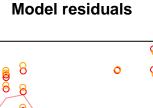


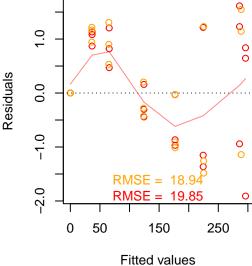


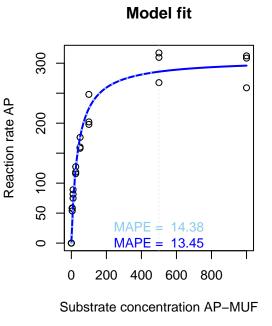


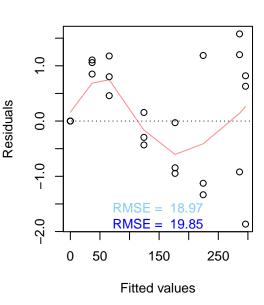




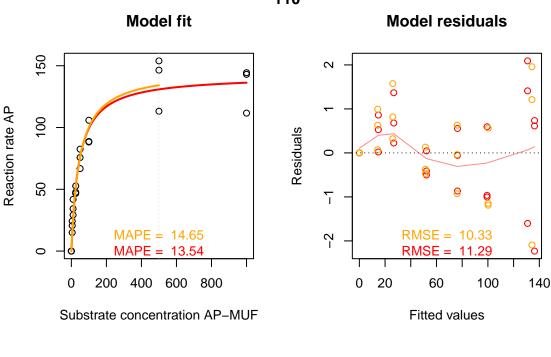


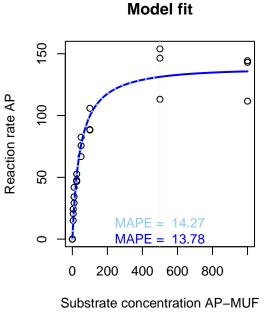


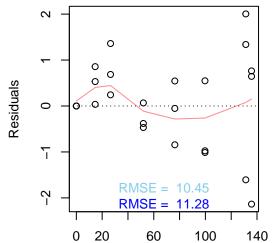




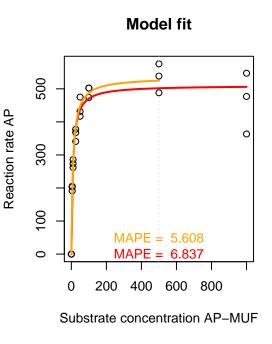


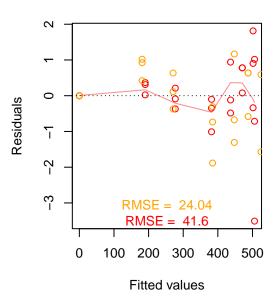


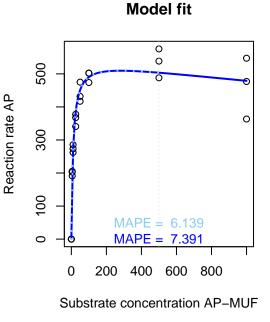




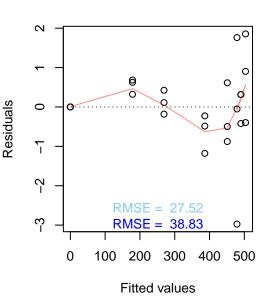


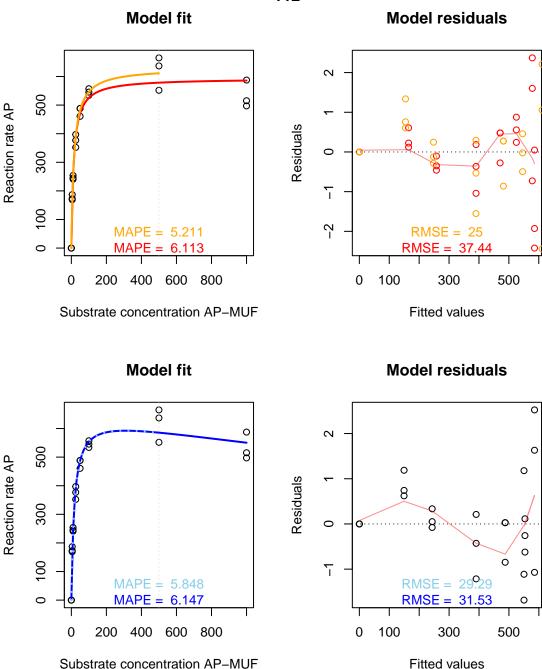


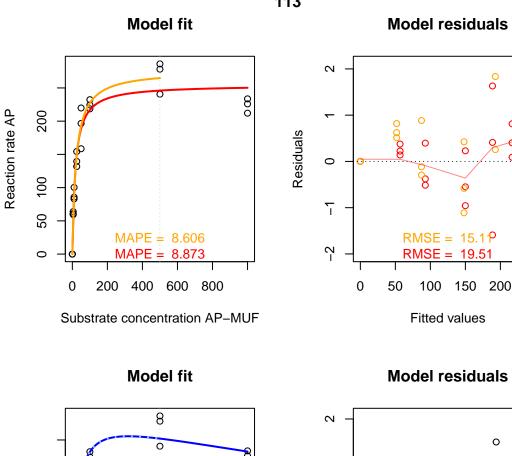


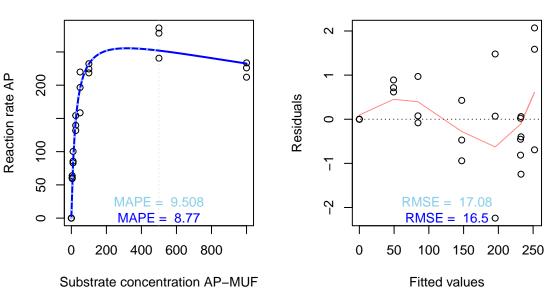


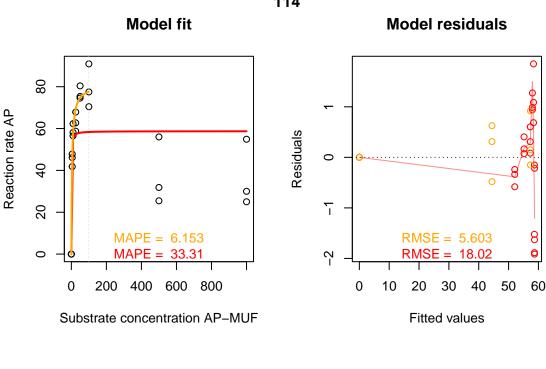
Model residuals

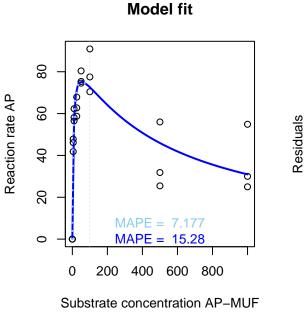


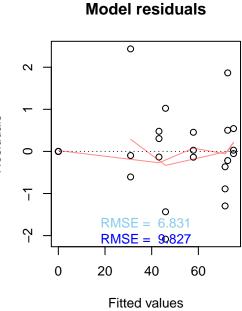


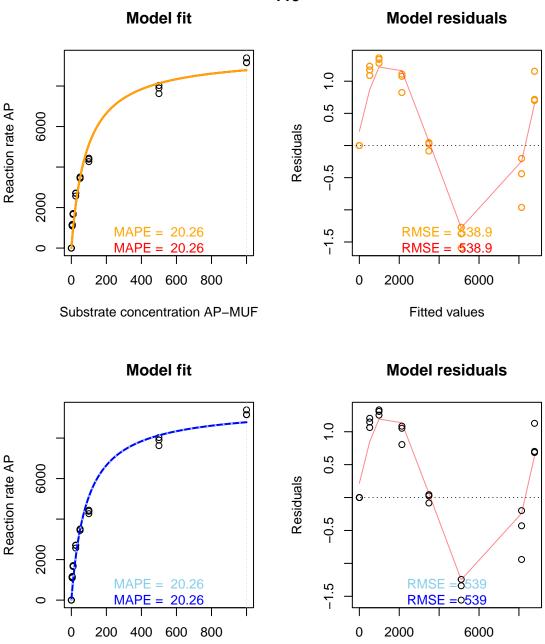






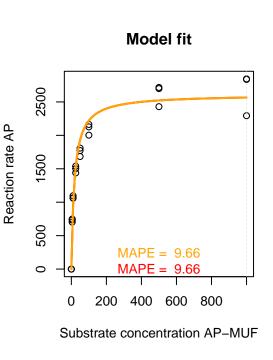




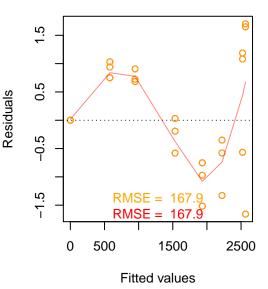


Fitted values

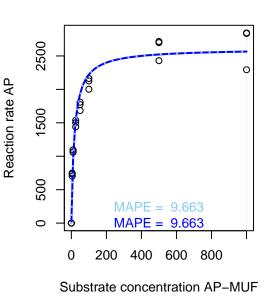
Substrate concentration AP-MUF

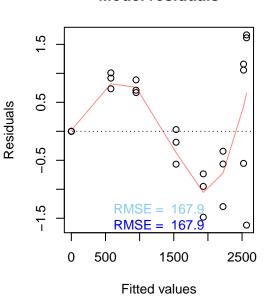




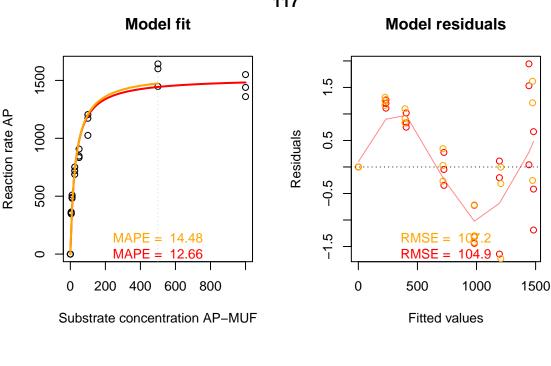


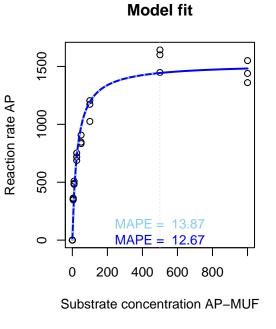


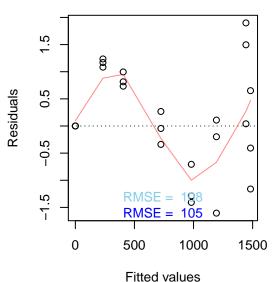


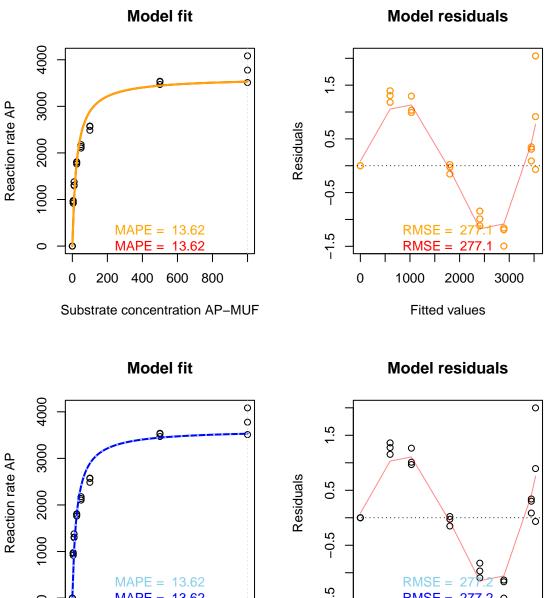












Fitted values

Substrate concentration AP-MUF



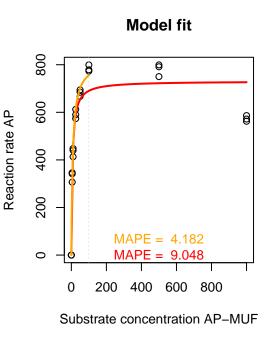
Residuals

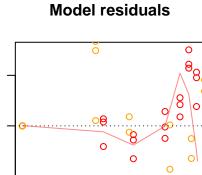
0

ī

7

0

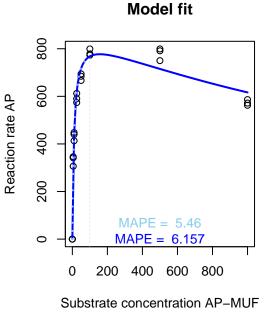




0

600

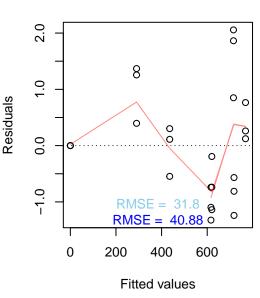


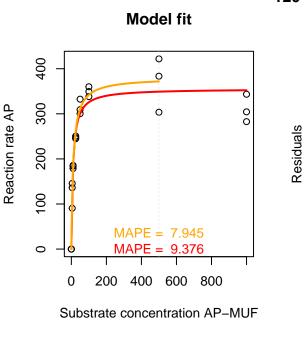


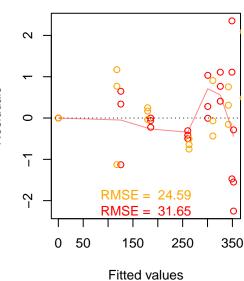


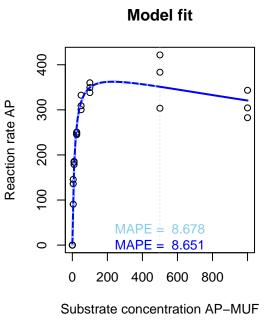
RMSE = 26.22

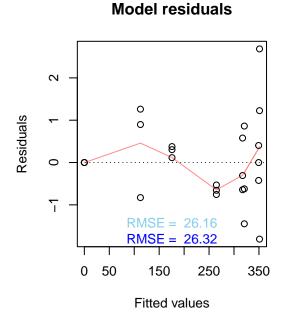
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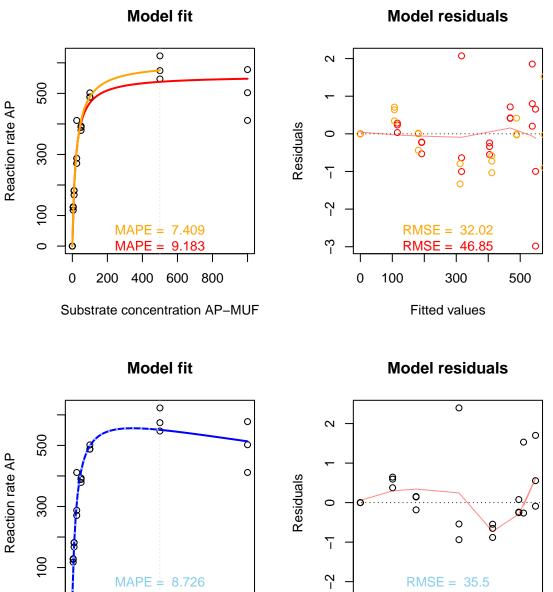












Substrate concentration AP-MUF

Fitted values

