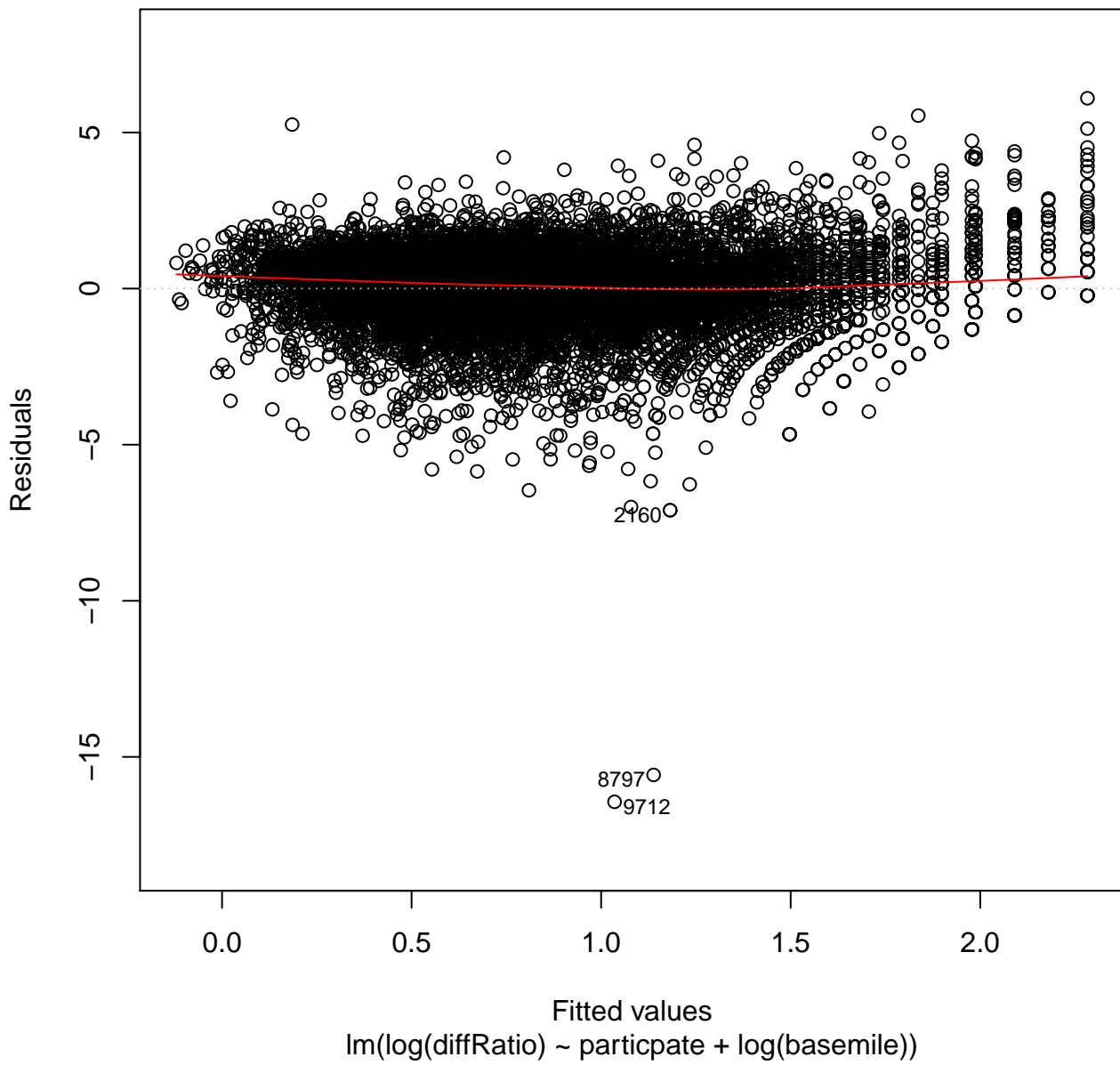
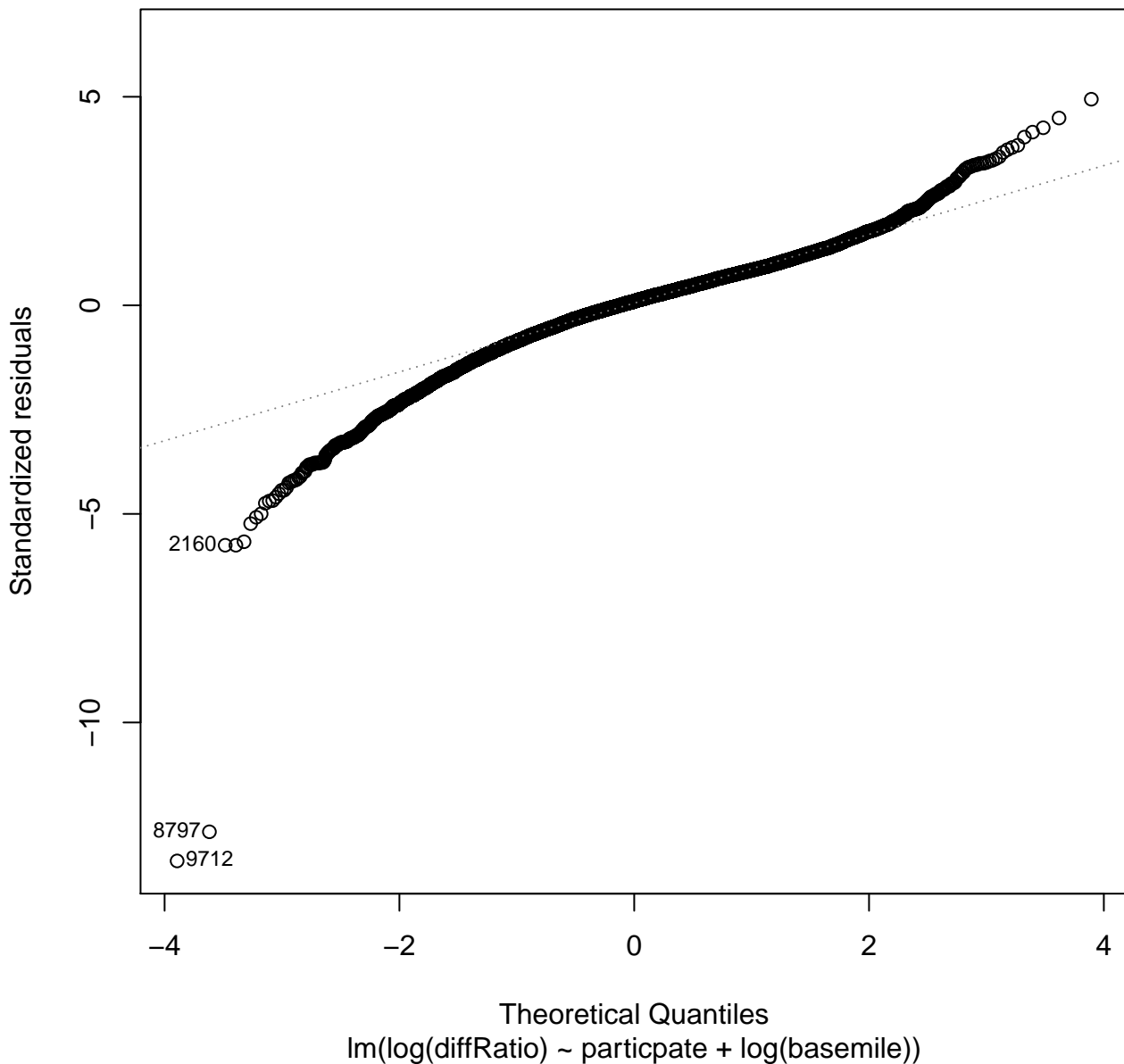


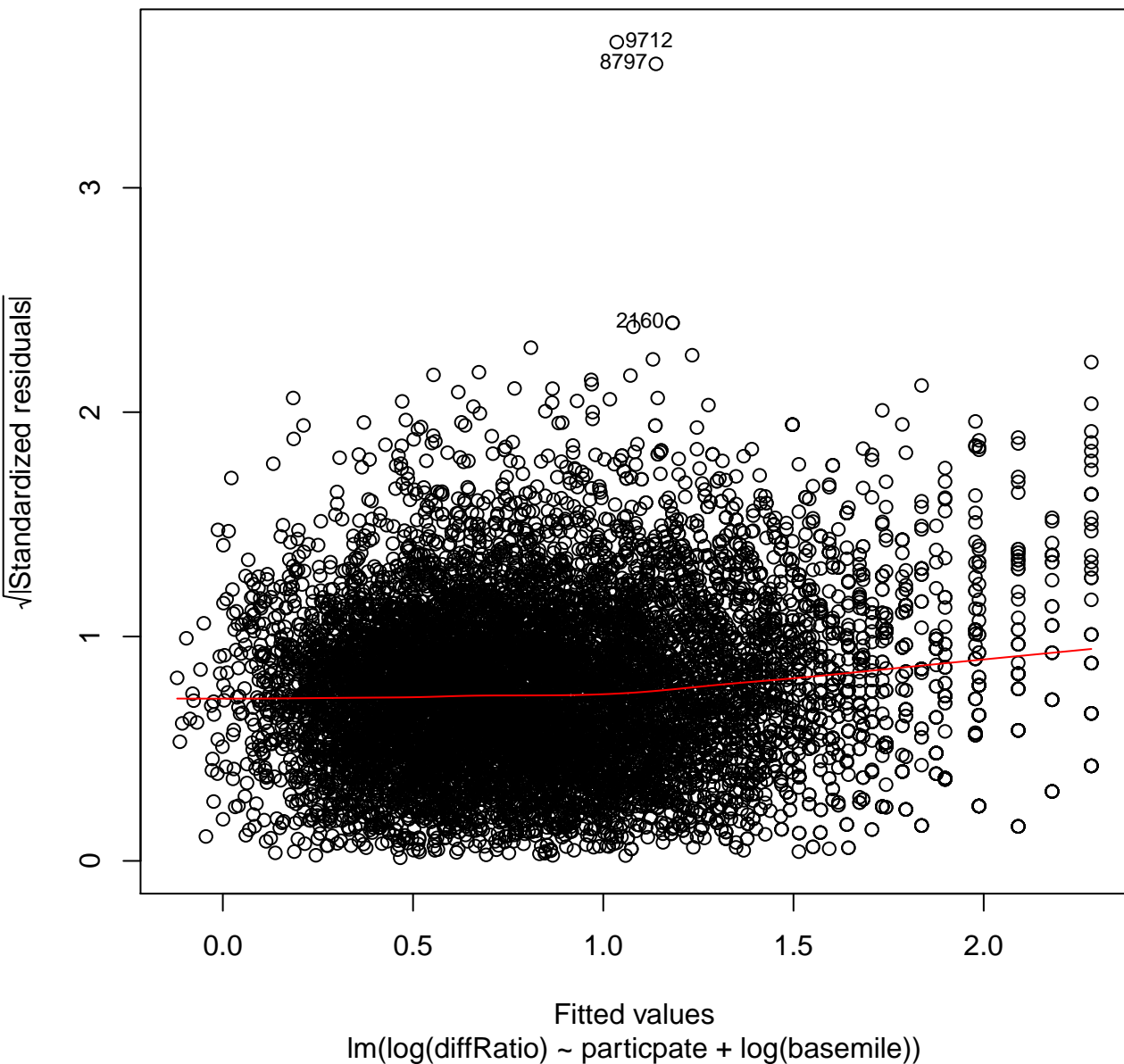
Residuals vs Fitted



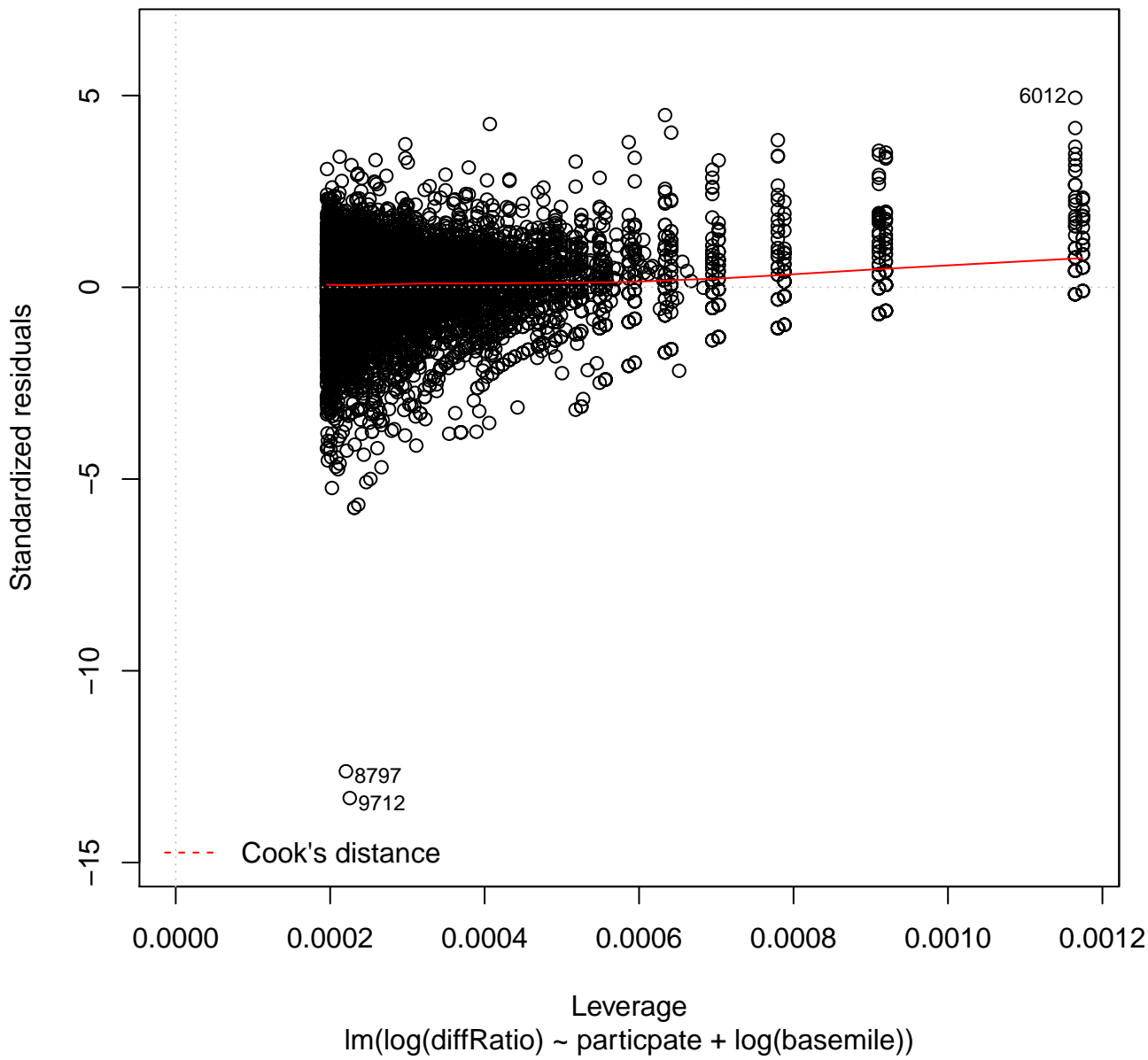
Normal Q-Q



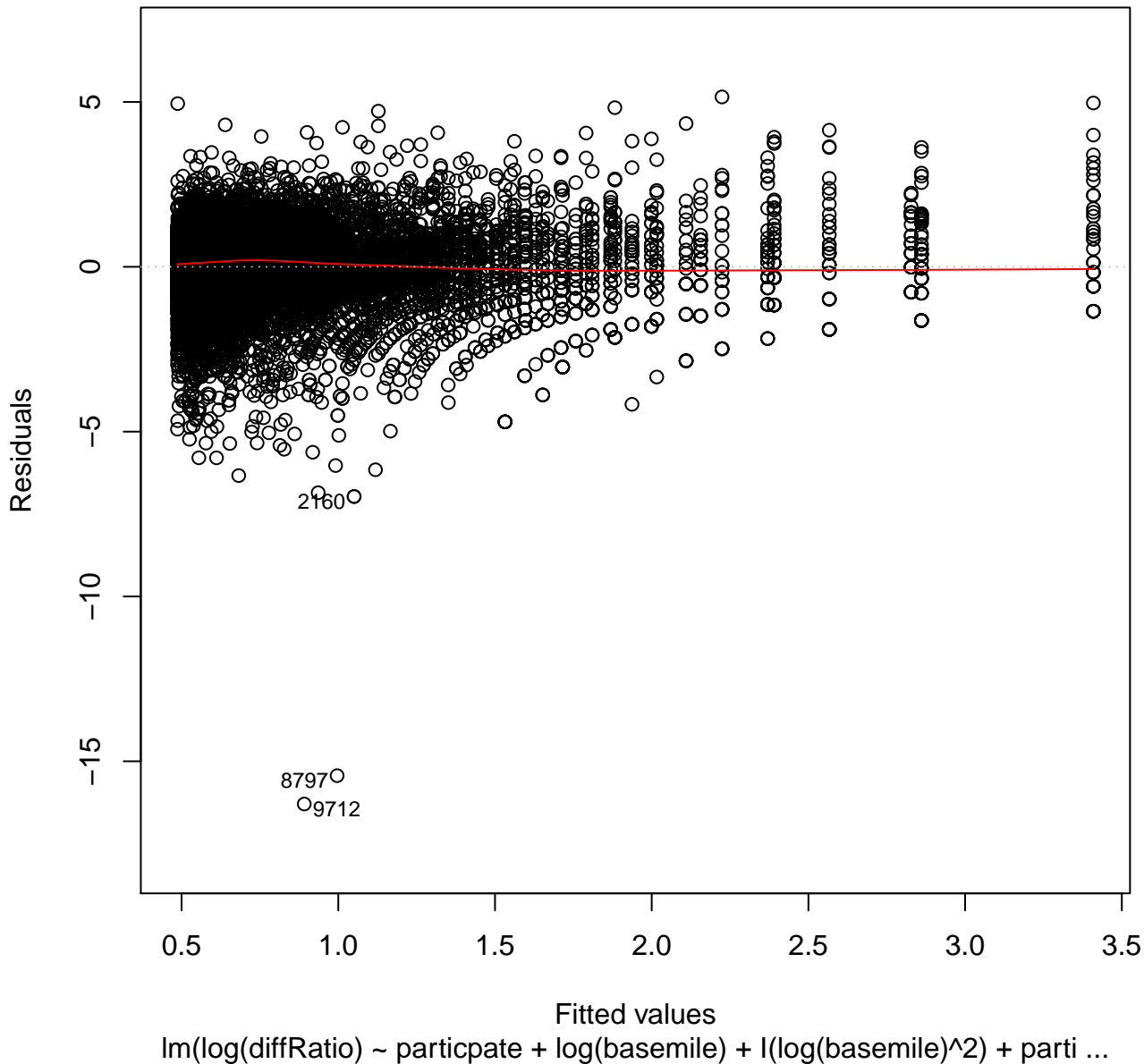
Scale-Location



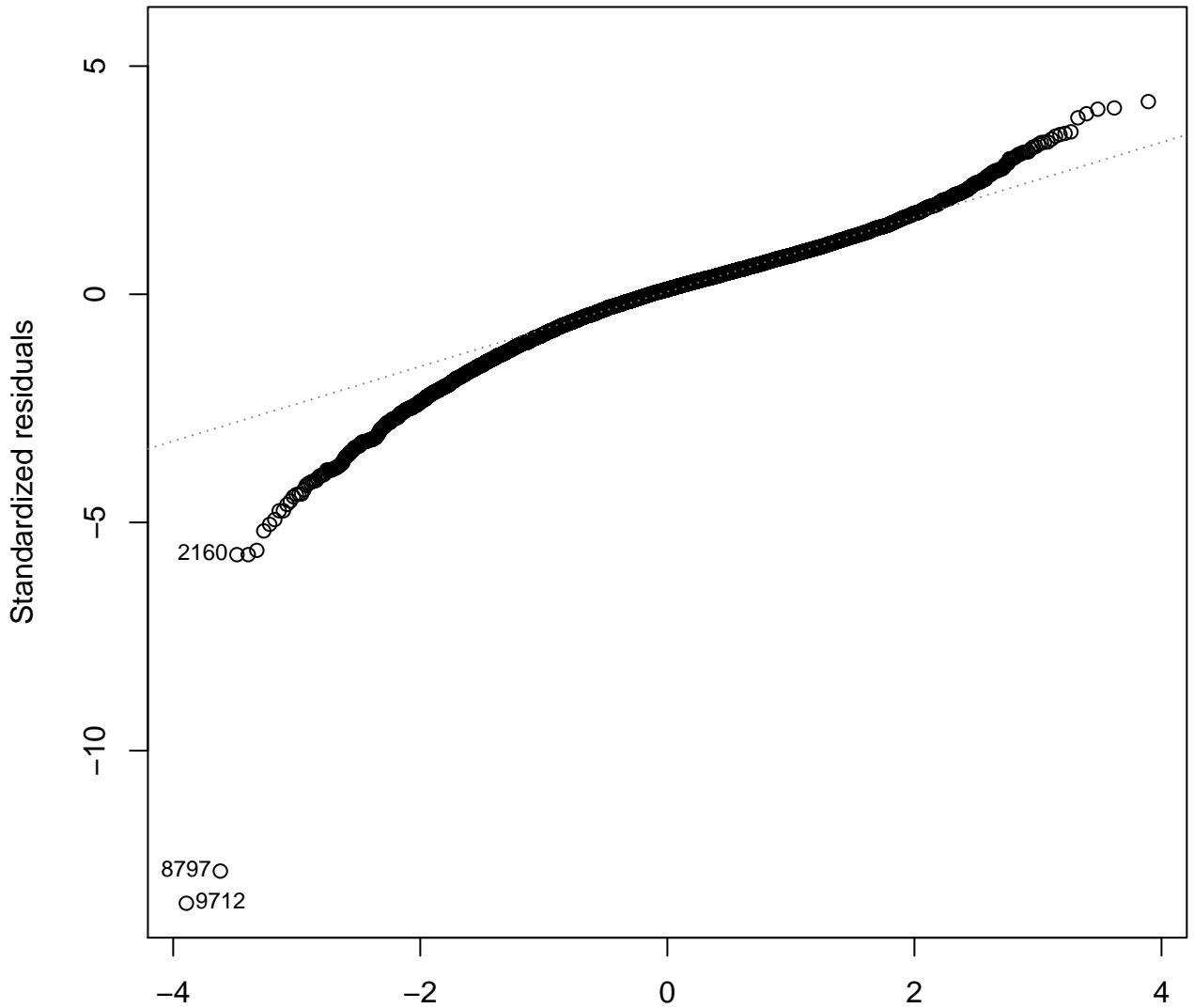
Residuals vs Leverage



Residuals vs Fitted

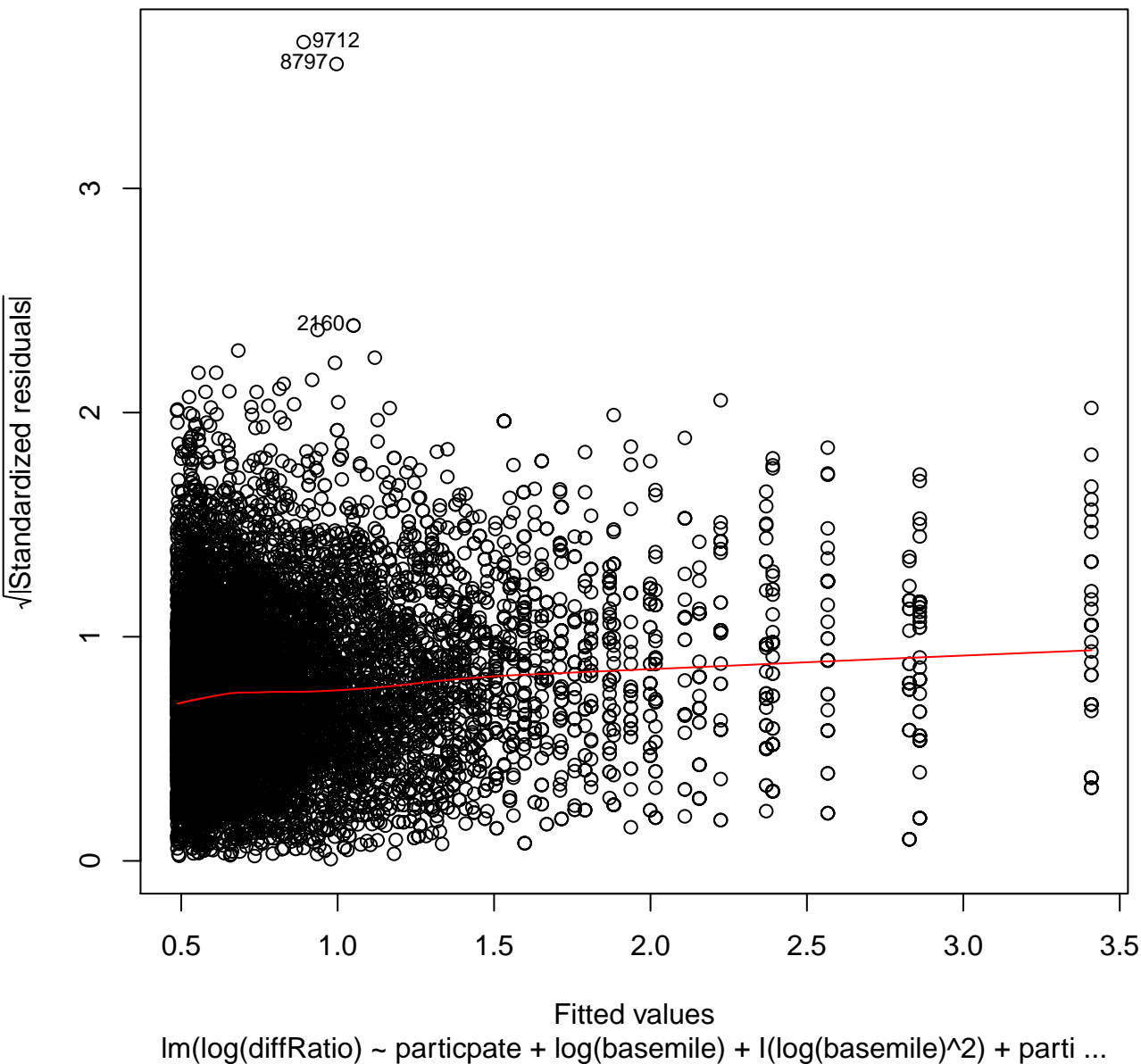


Normal Q-Q

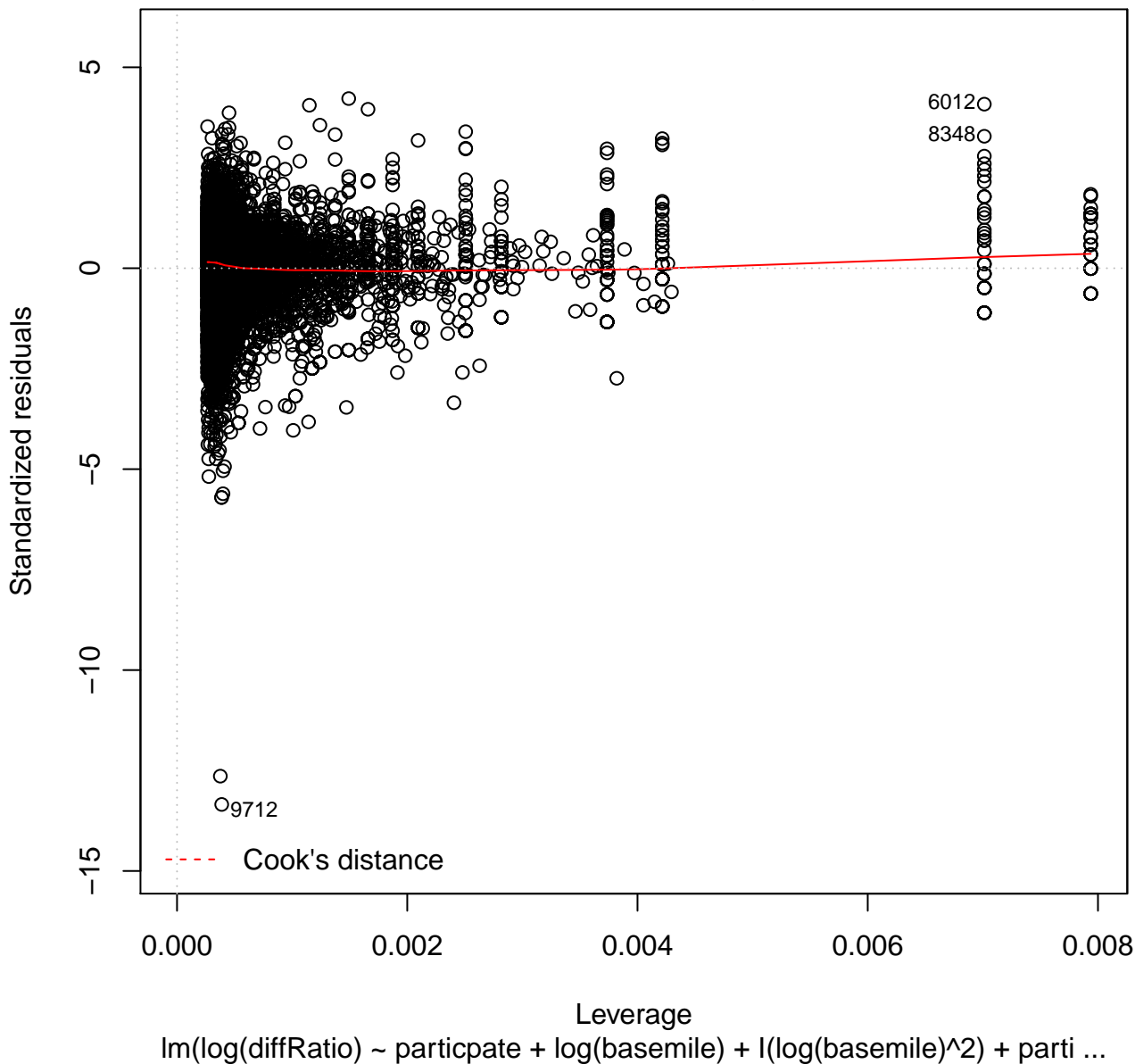


Theoretical Quantiles
 $\ln(\log(\text{diffRatio})) \sim \text{participate} + \log(\text{basemile}) + I(\log(\text{basemile})^2) + \text{parti} \dots$

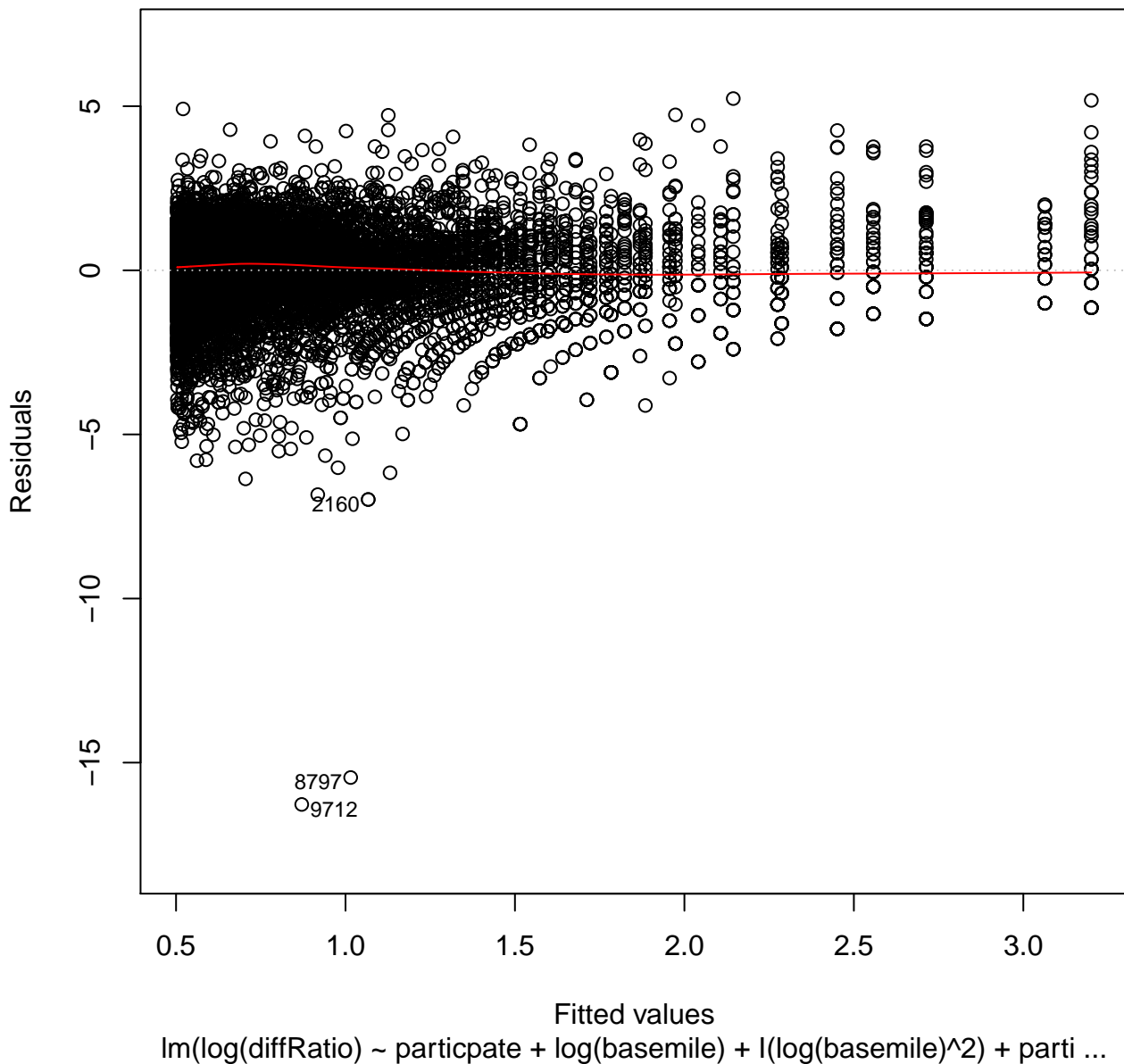
Scale-Location



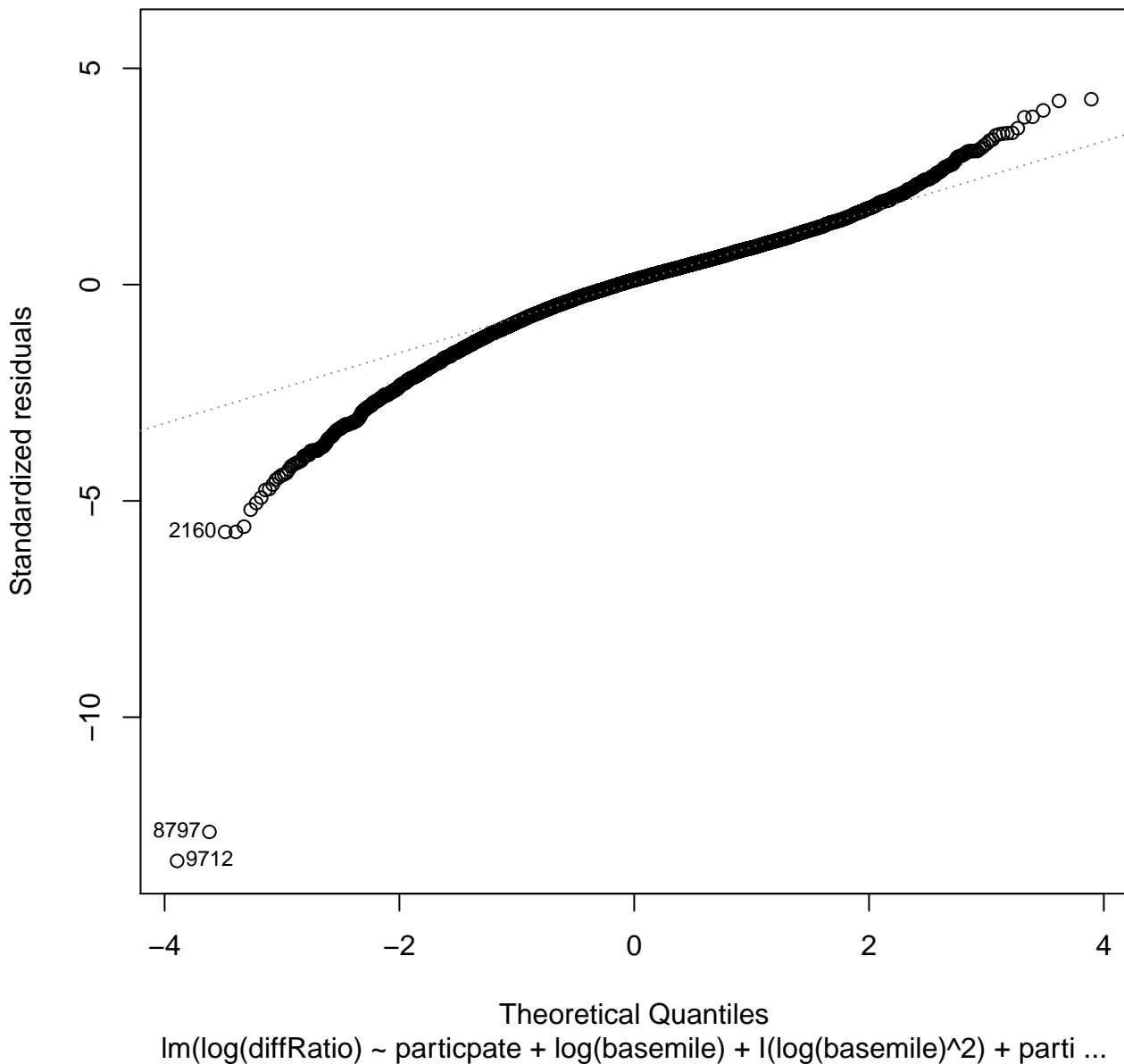
Residuals vs Leverage



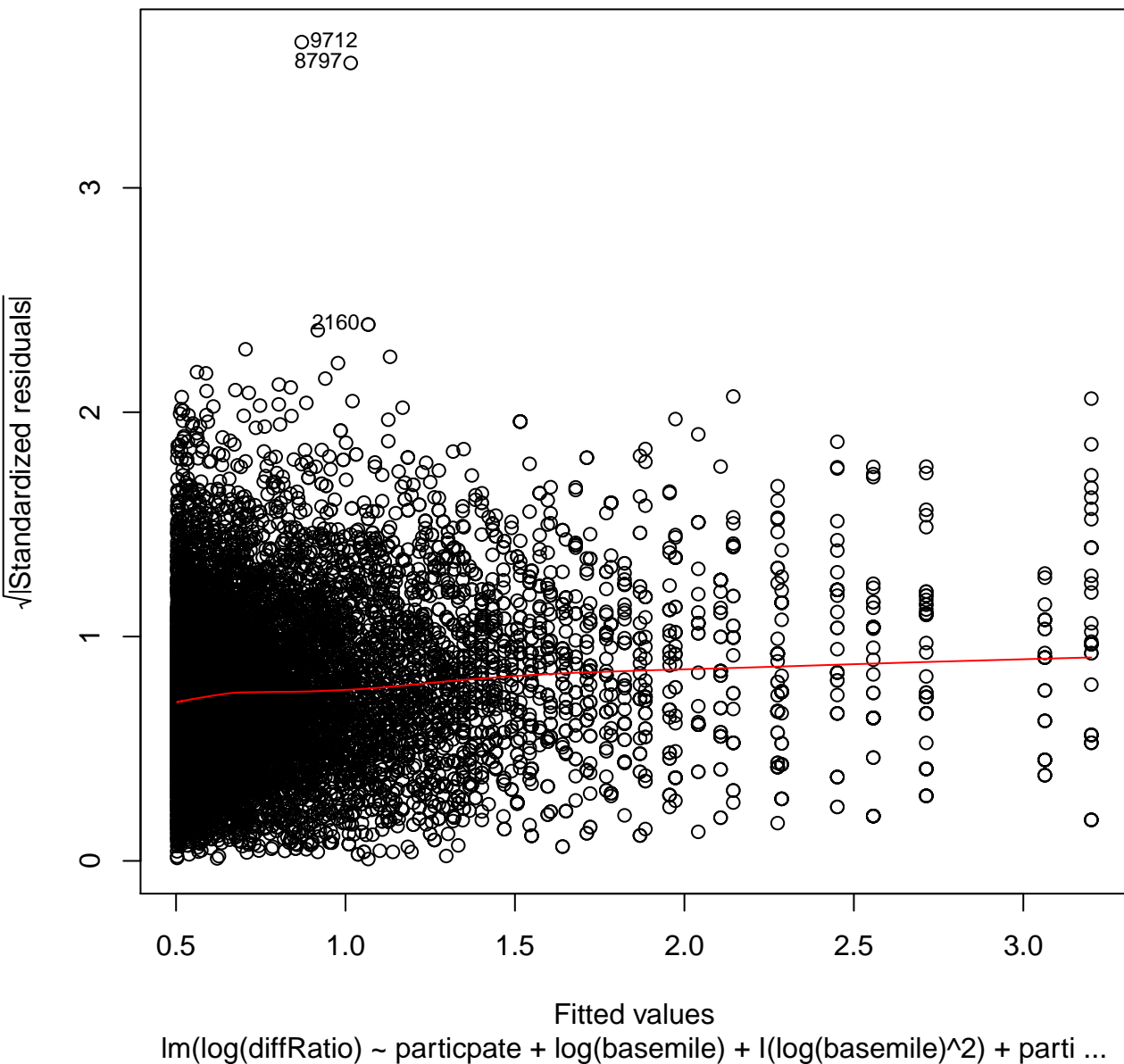
Residuals vs Fitted



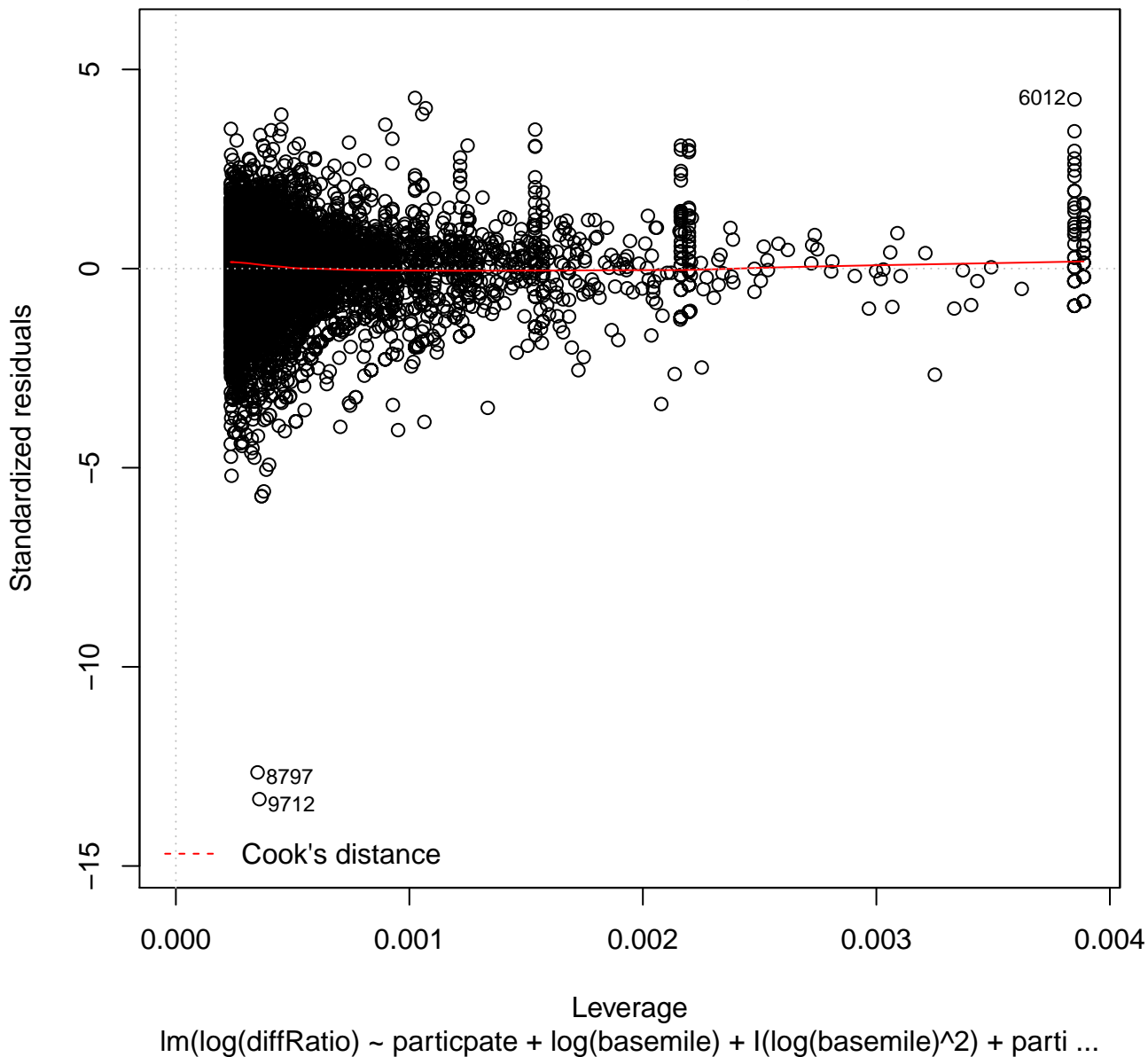
Normal Q-Q



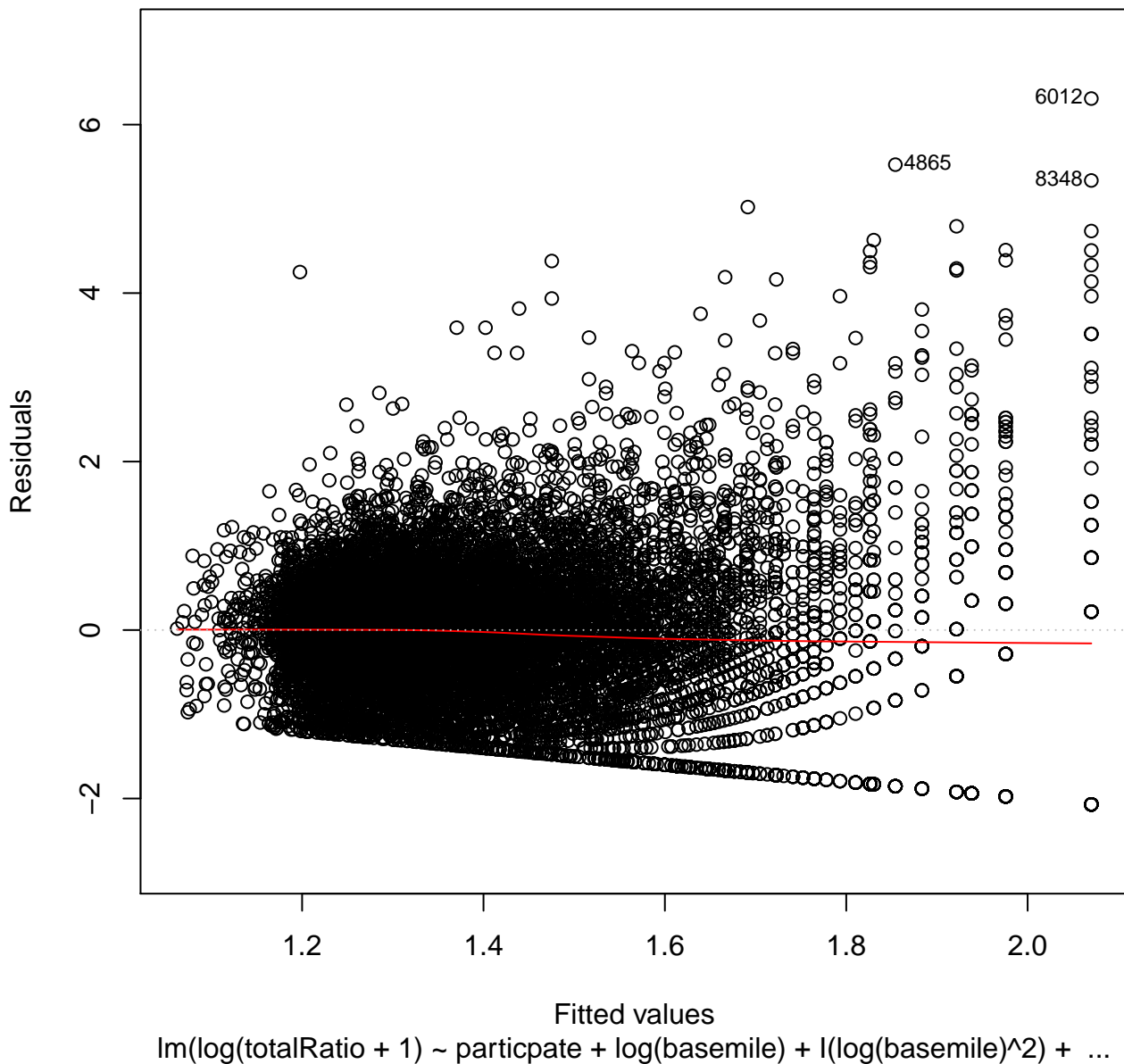
Scale-Location



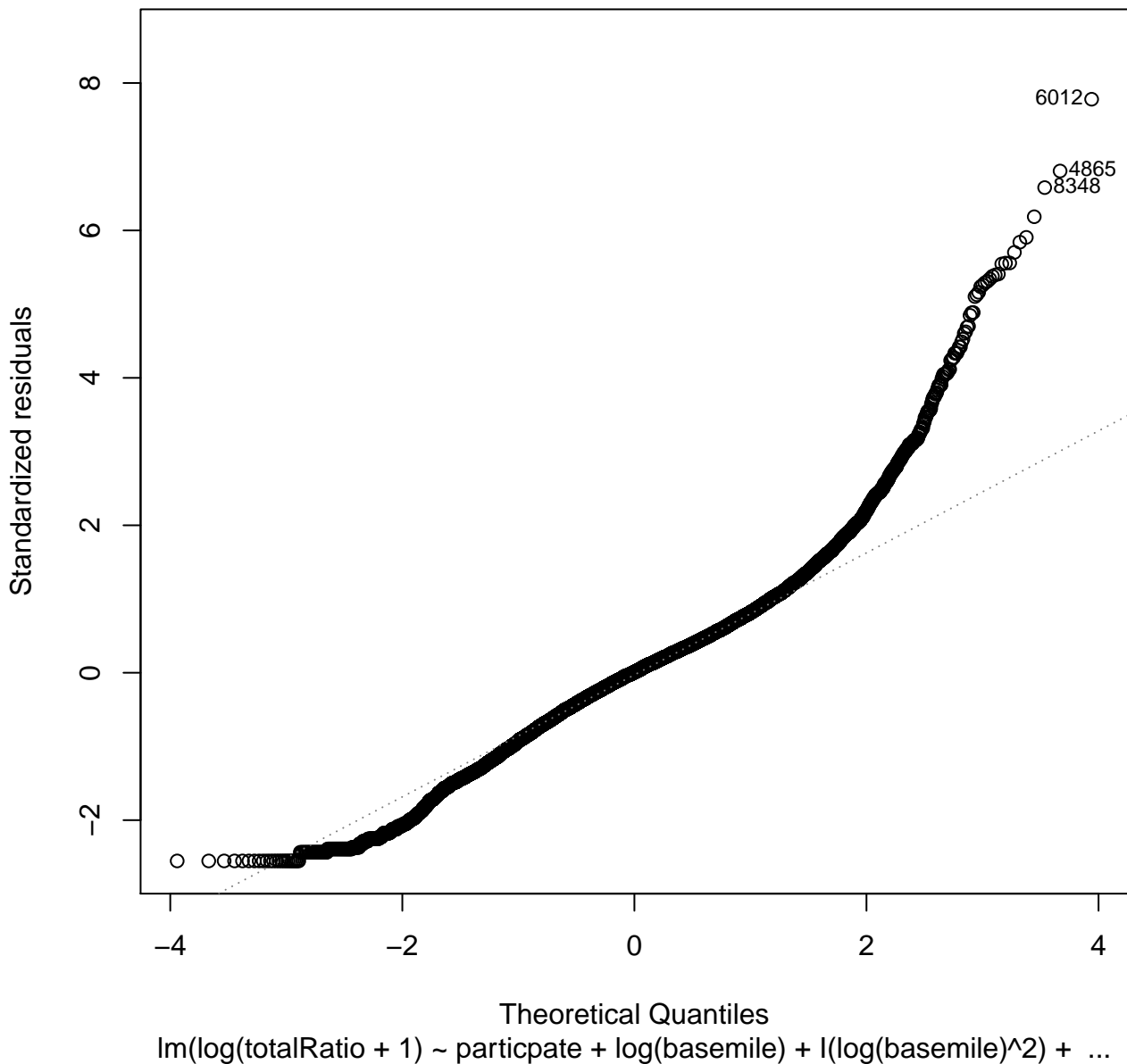
Residuals vs Leverage



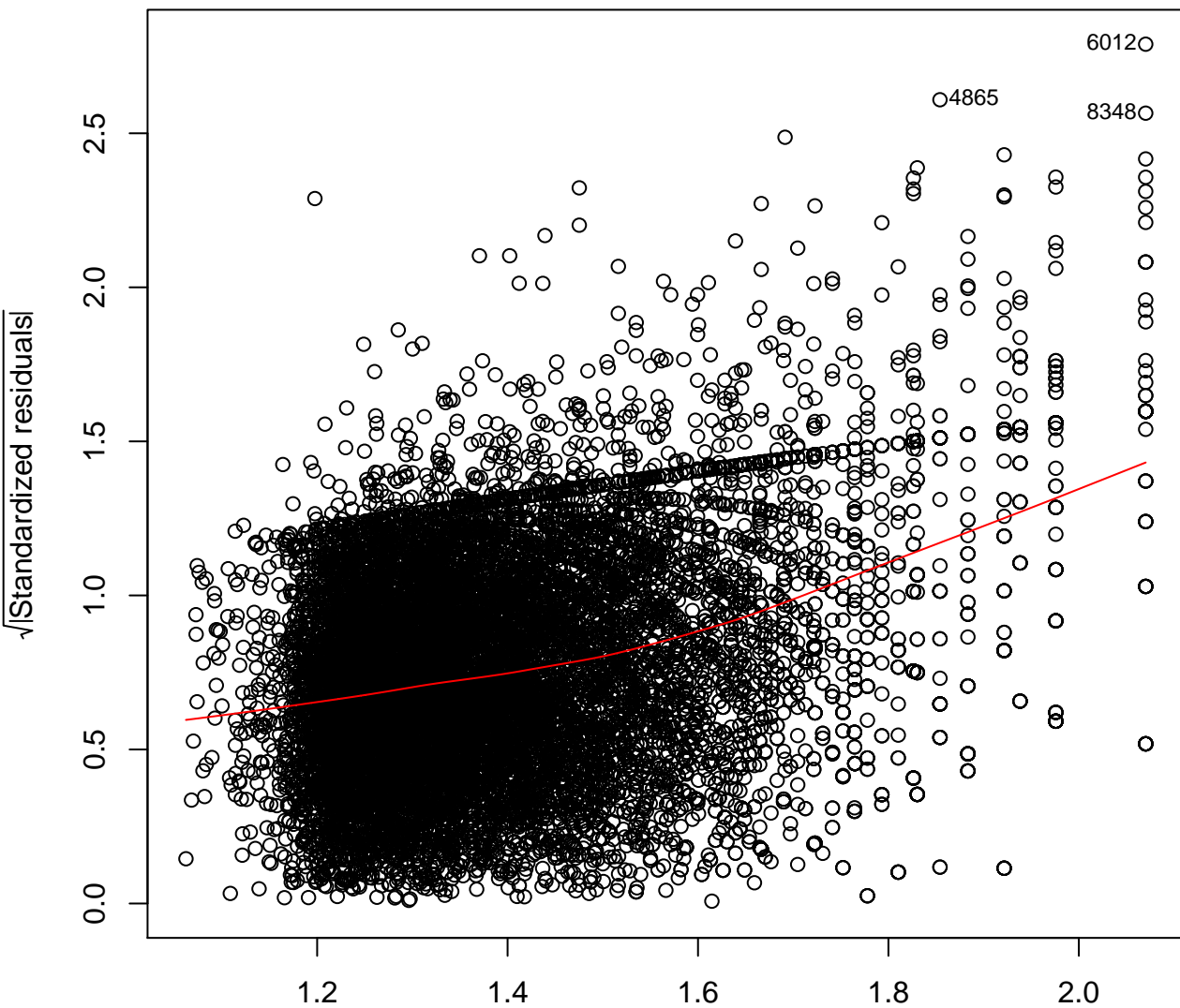
Residuals vs Fitted



Normal Q-Q



Scale-Location



Fitted values
 $\text{Im}(\log(\text{totalRatio} + 1) \sim \text{participate} + \log(\text{basemile}) + \text{I}(\log(\text{basemile})^2) + \dots$

Residuals vs Leverage

