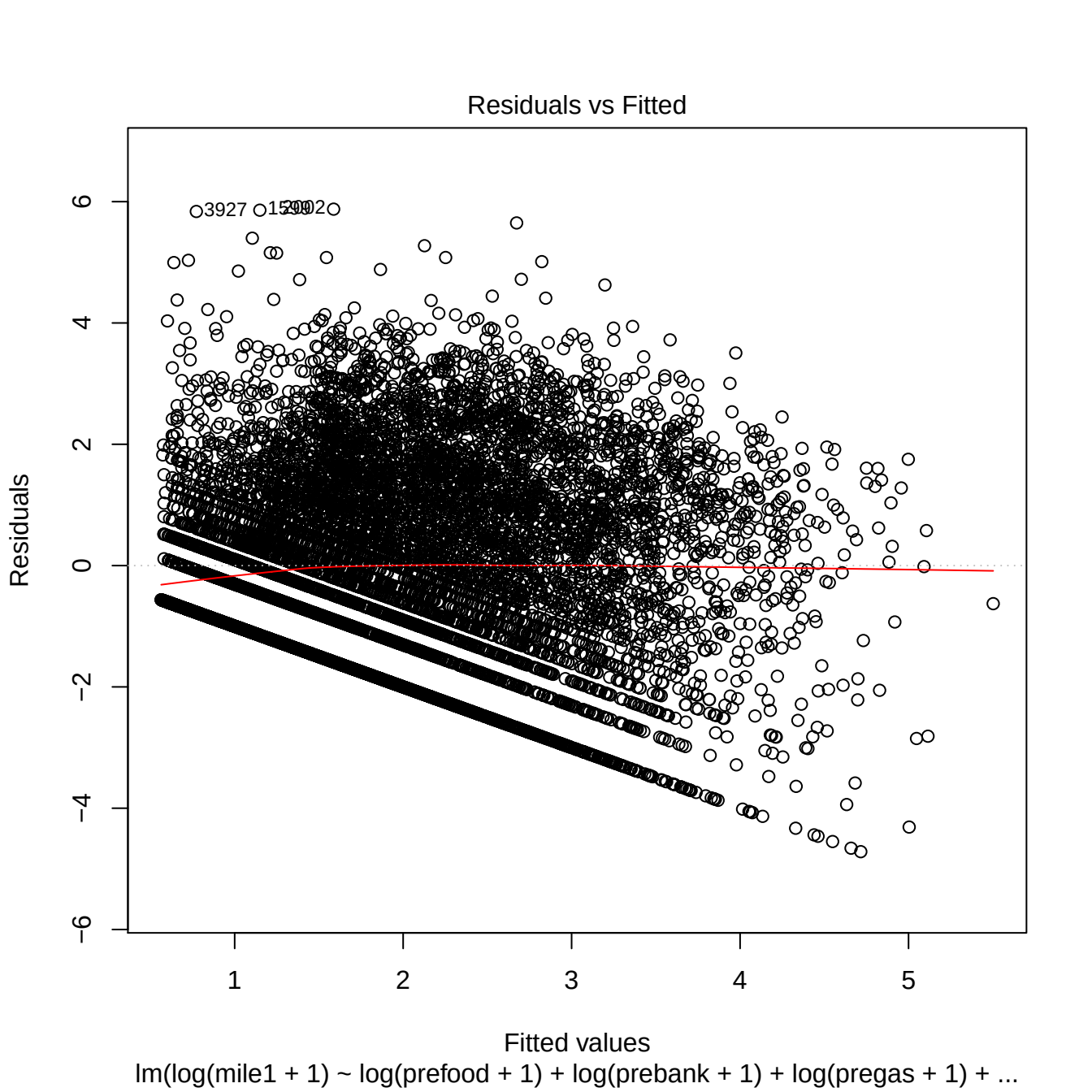
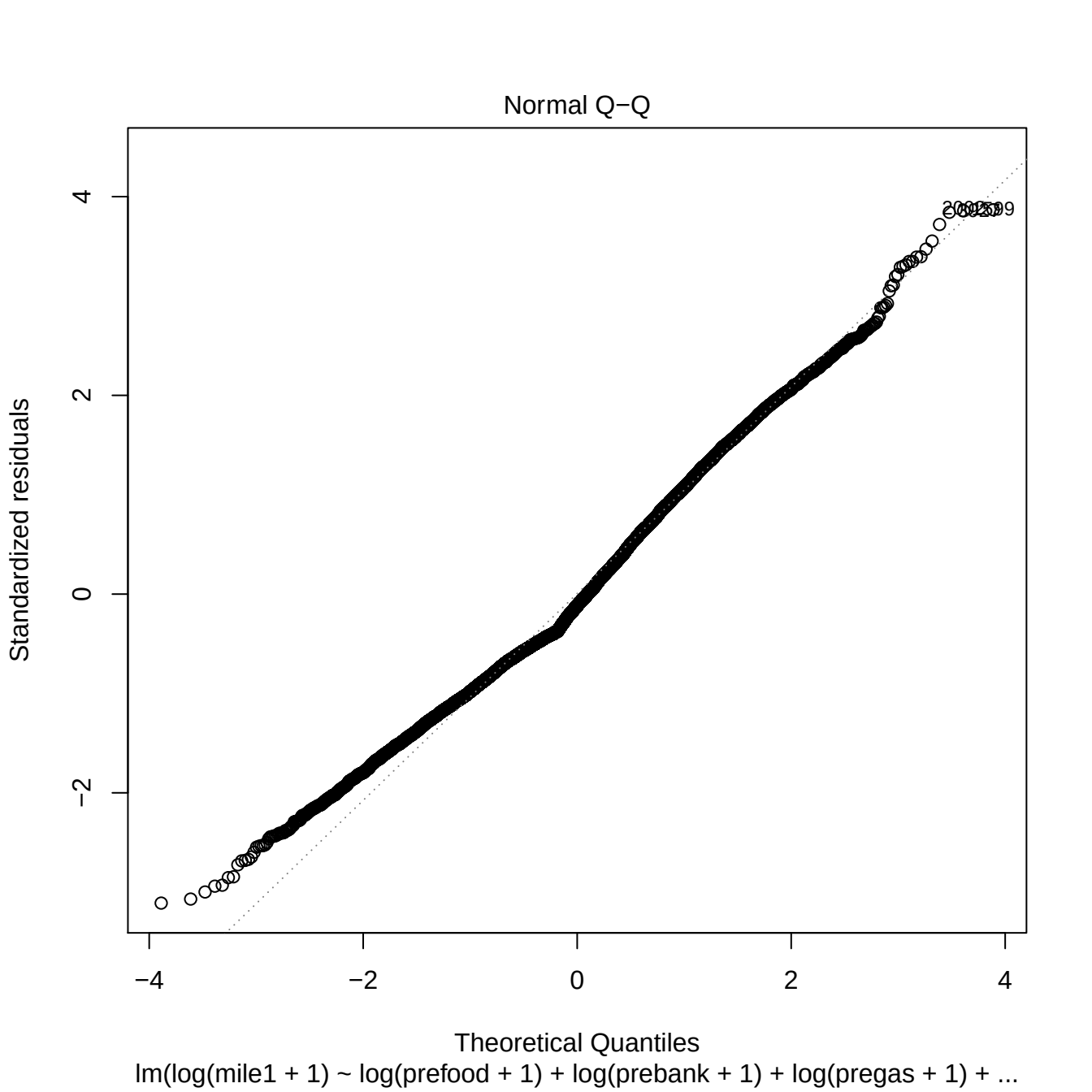
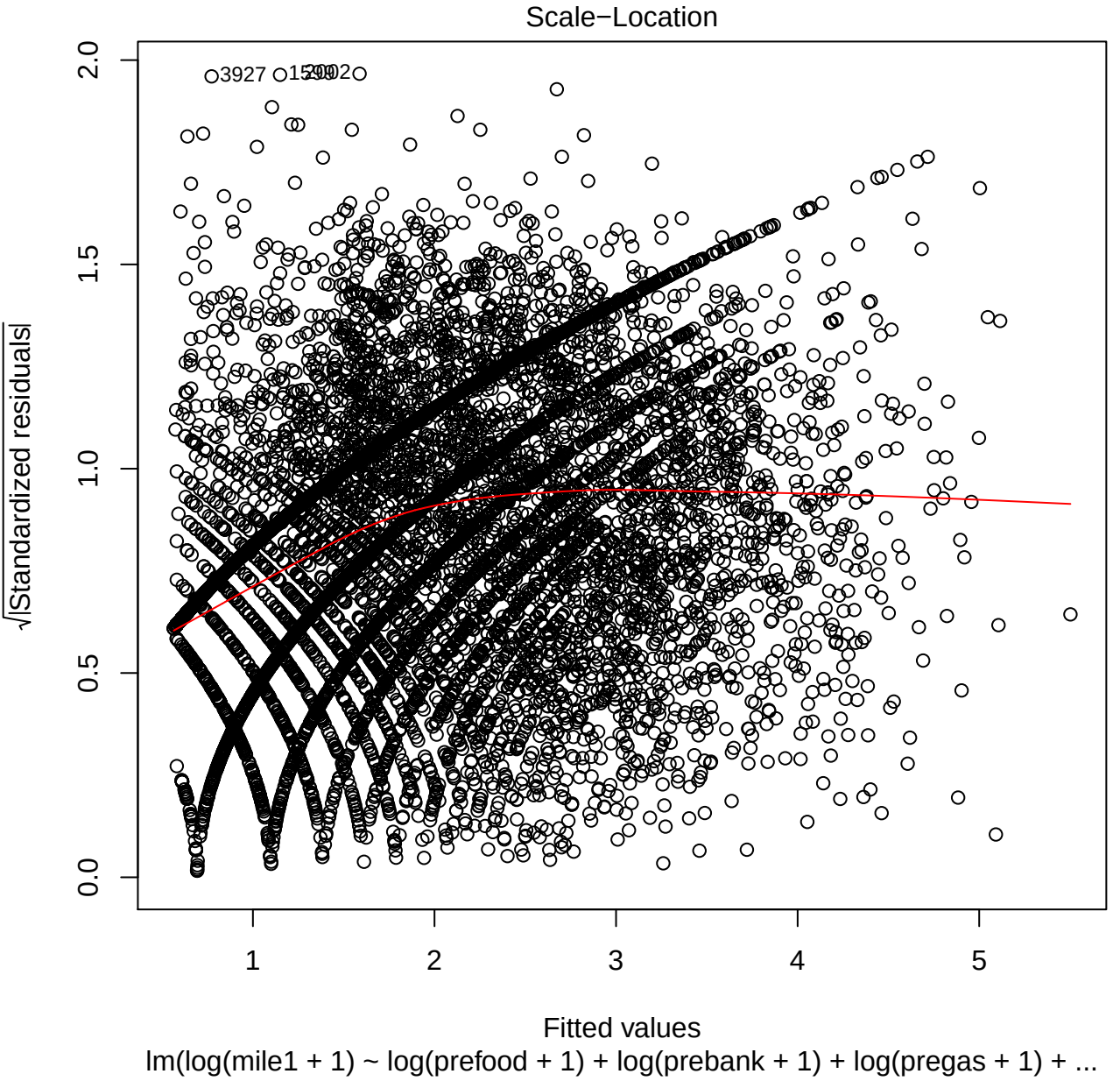
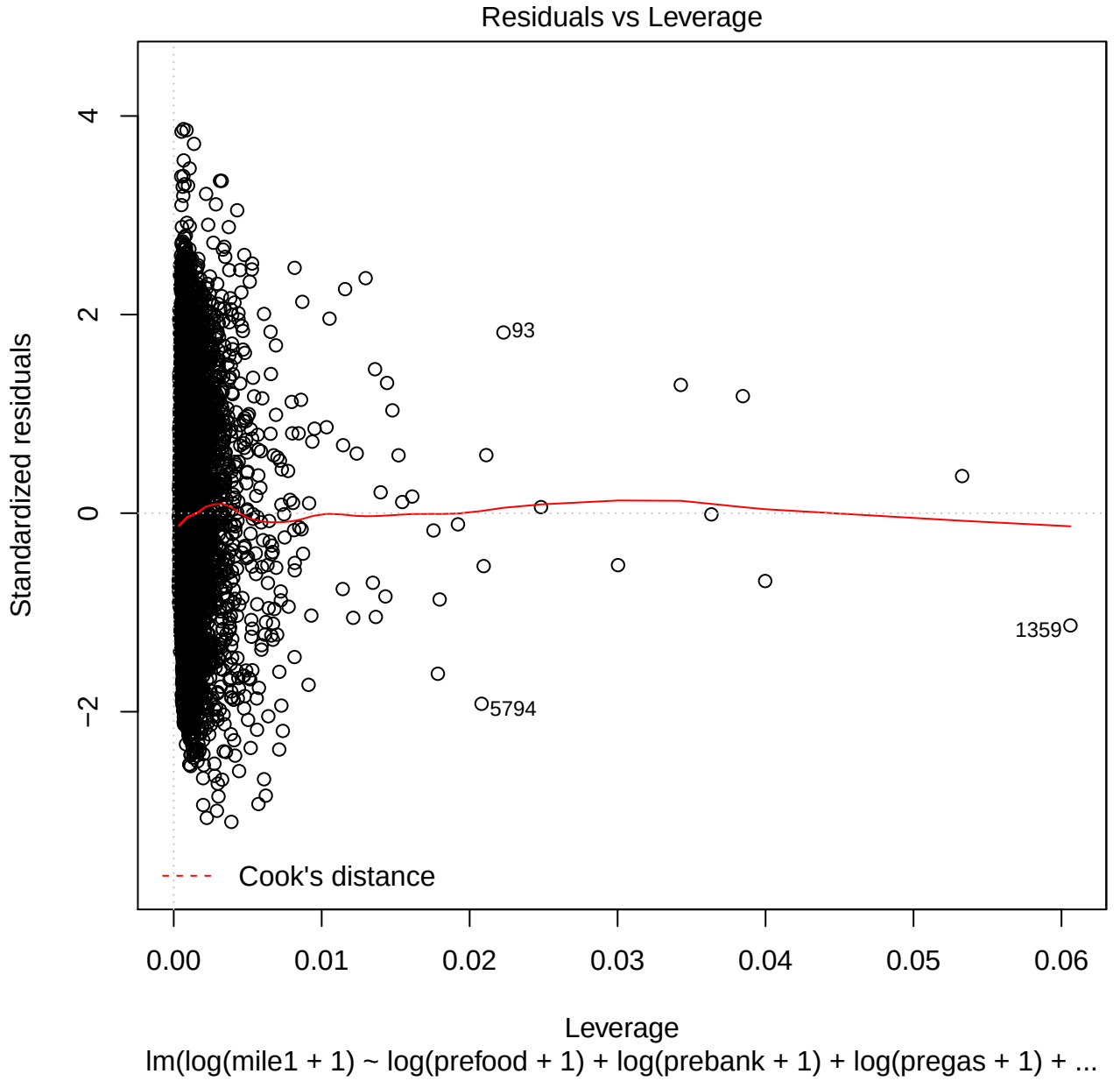
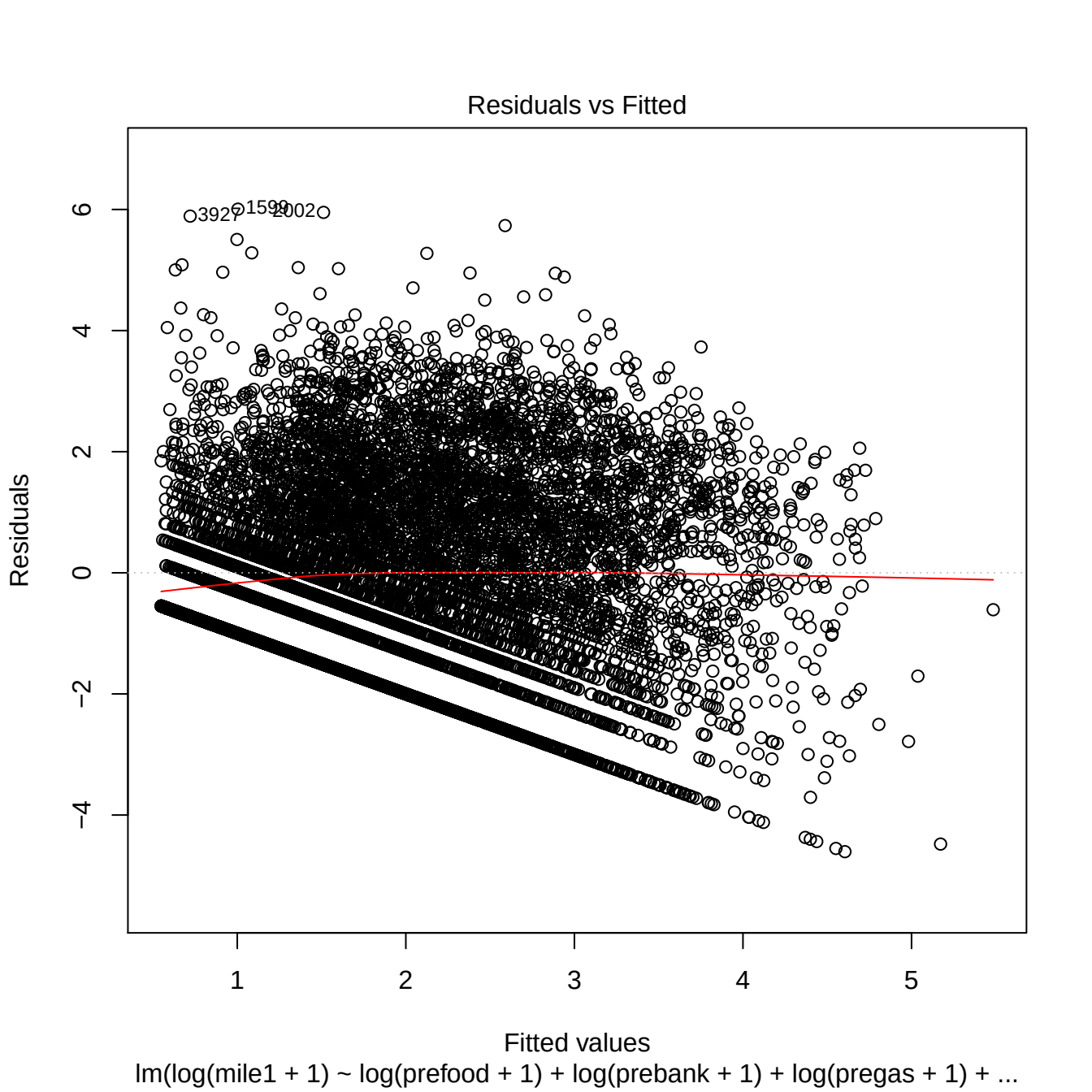
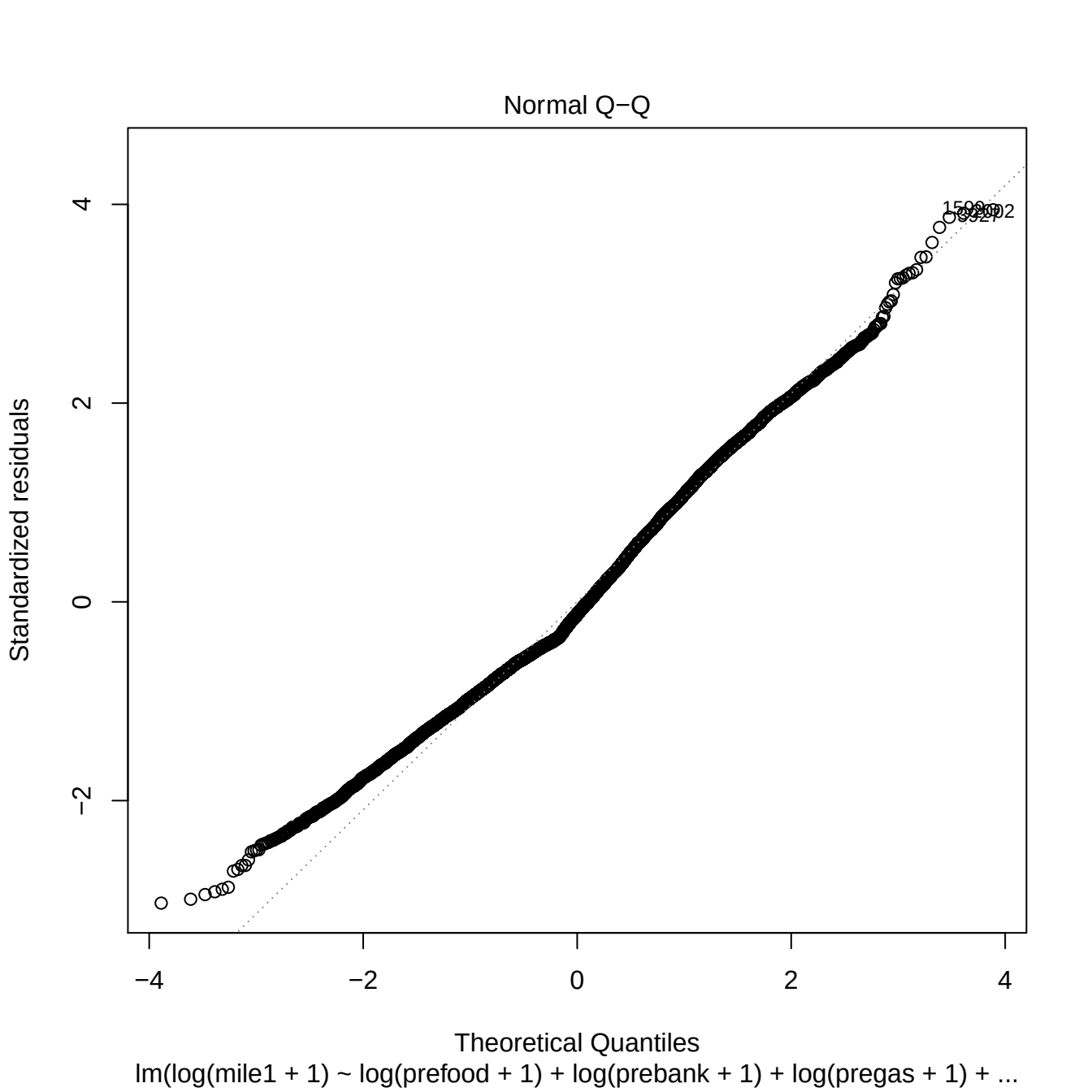

Residuals vs Fitted
3927
Residuals
6
4
2
0
−2
−4
−6
1
2
3
4
5
Fitted values
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...

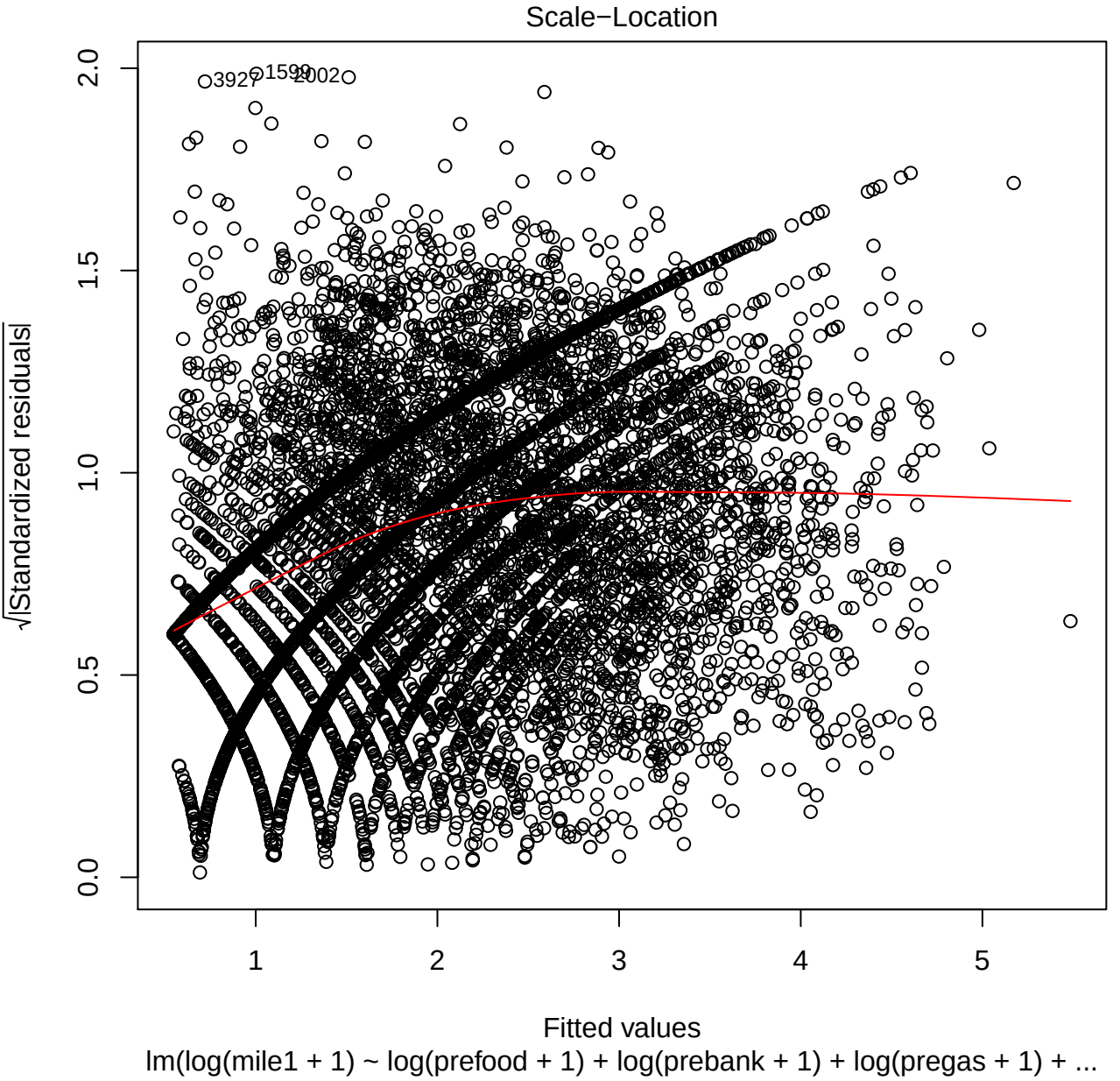

Normal Q−Q
Standardized residuals
4
2
0
−2
−4
−2
0
2
4
Theoretical Quantiles
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...

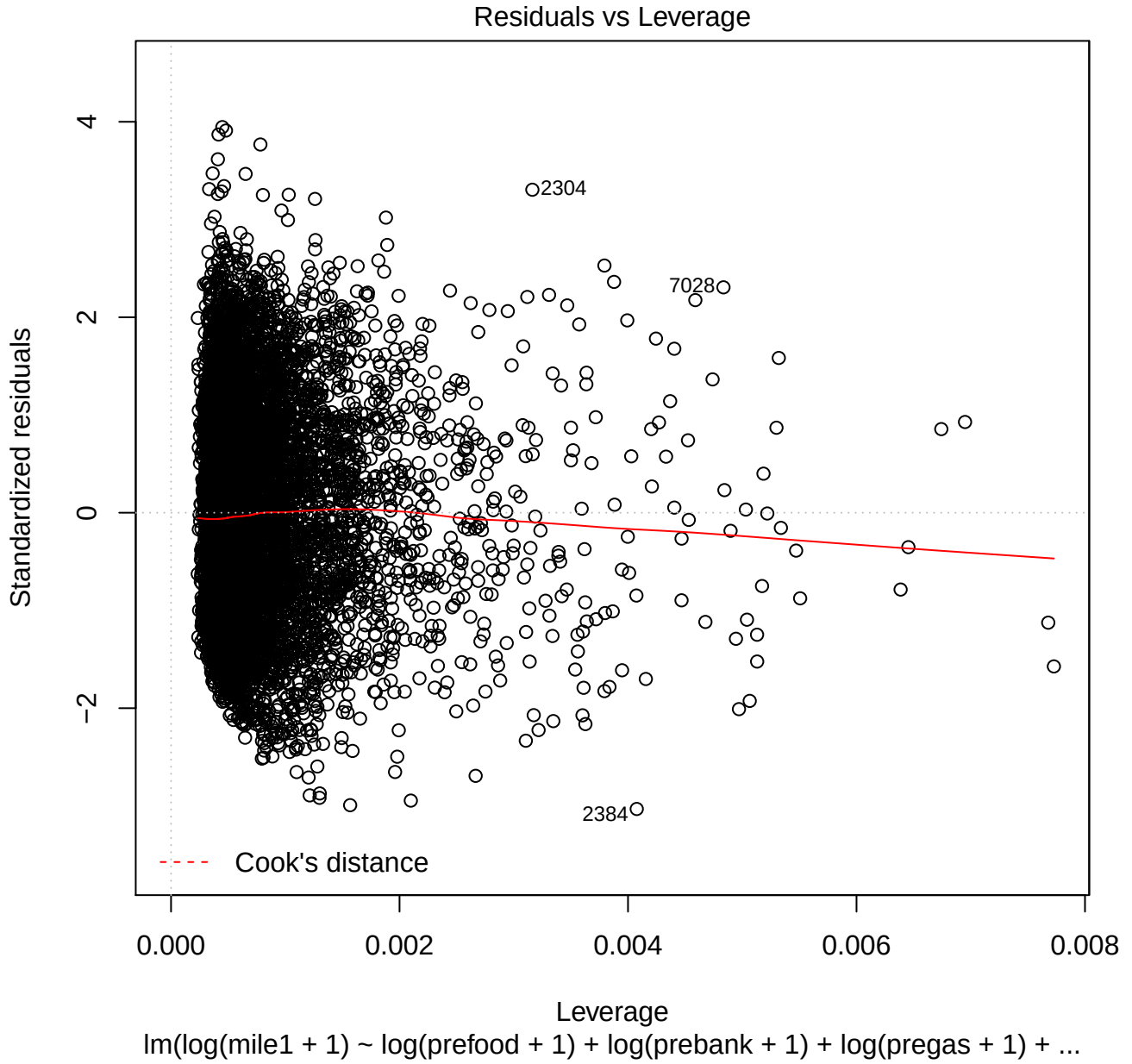

Scale−Location
√|Standardized residuals|
Fitted values
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...
3927
1502
0.0
0.5
1.0
1.5
2.0
1
2
3
4
5


Residuals vs Leverage
Standardized residuals
4
2
0
−2
93
1359
5794
Cook's distance
0.00
0.01
0.02
0.03
0.04
0.05
0.06
Leverage
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...


Residuals vs Fitted
3927
1599
2002
Residuals
6
4
2
0
−2
−4
1
2
3
4
5
Fitted values
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...


Normal Q−Q
Standardized residuals
Theoretical Quantiles
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...
4
2
0
−2
−4
−2
0
2
4


Scale−Location
3927
1599
2002
√|Standardized residuals|
0.0
0.5
1.0
1.5
2.0
1
2
3
4
5
Fitted values
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...


Residuals vs Leverage
Standardized residuals
4
2
0
−2
2304
7028
2384
Cook's distance
0.000
0.002
0.004
0.006
0.008
Leverage
lm(log(mile1 + 1) ~ log(prefood + 1) + log(prebank + 1) + log(pregas + 1) + ...