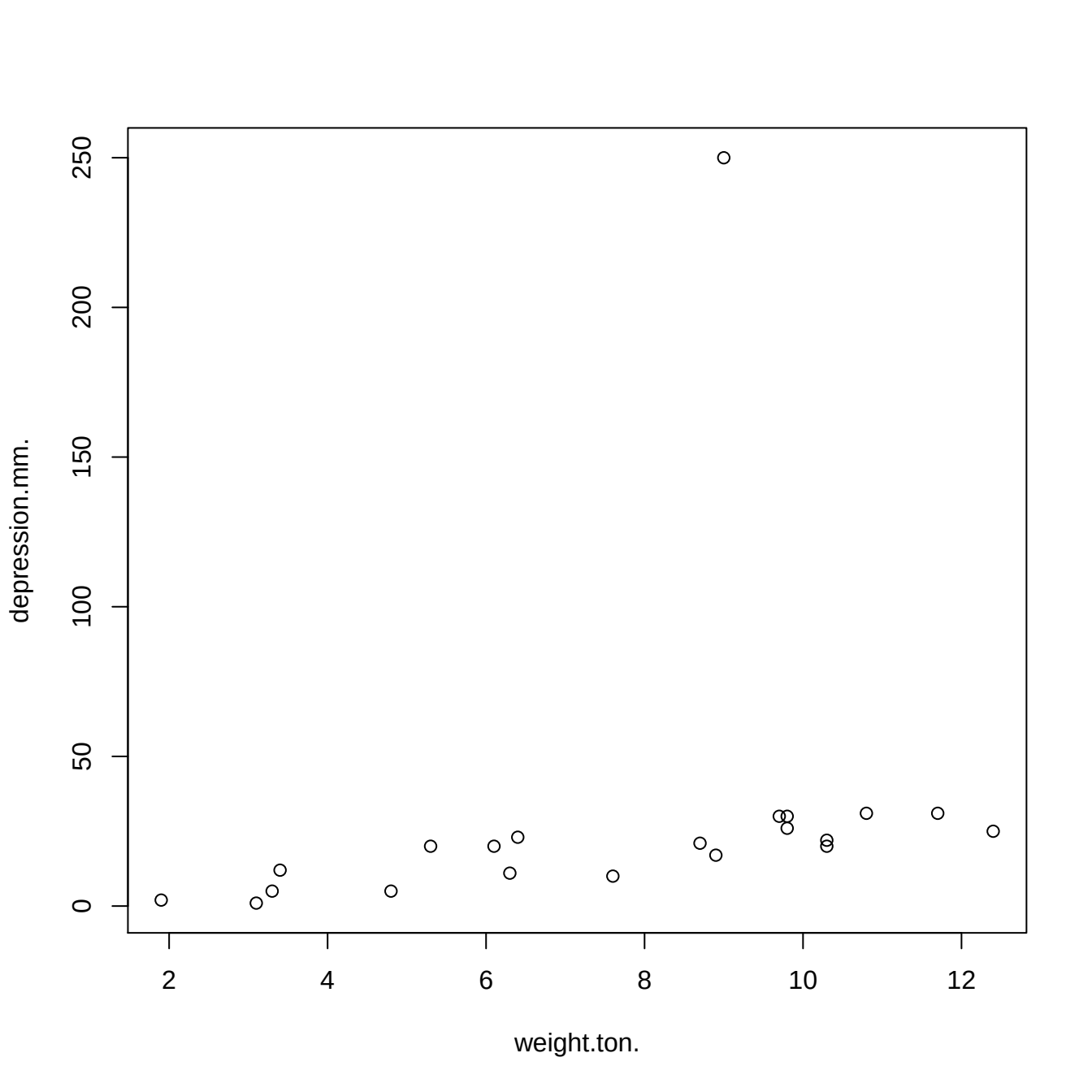
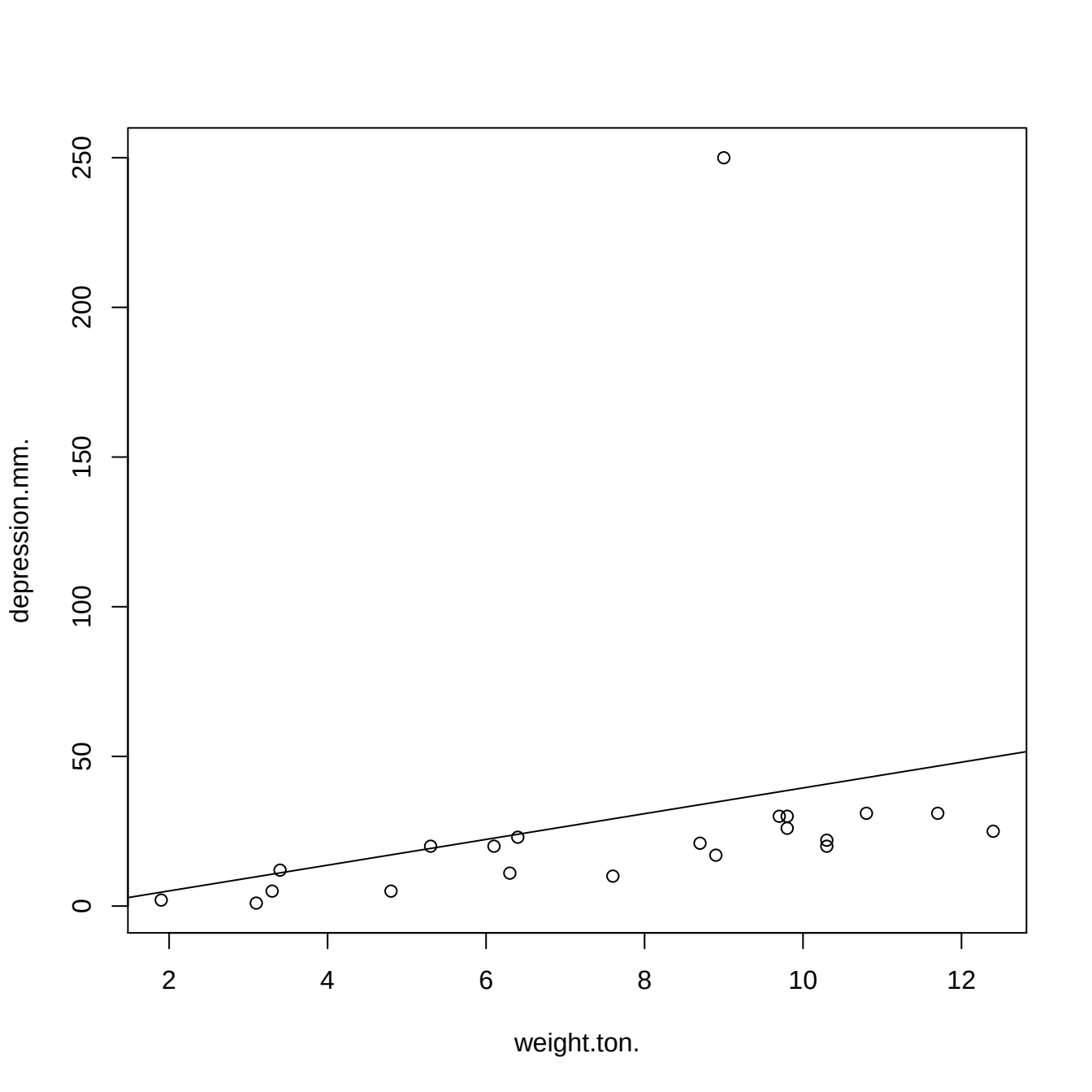
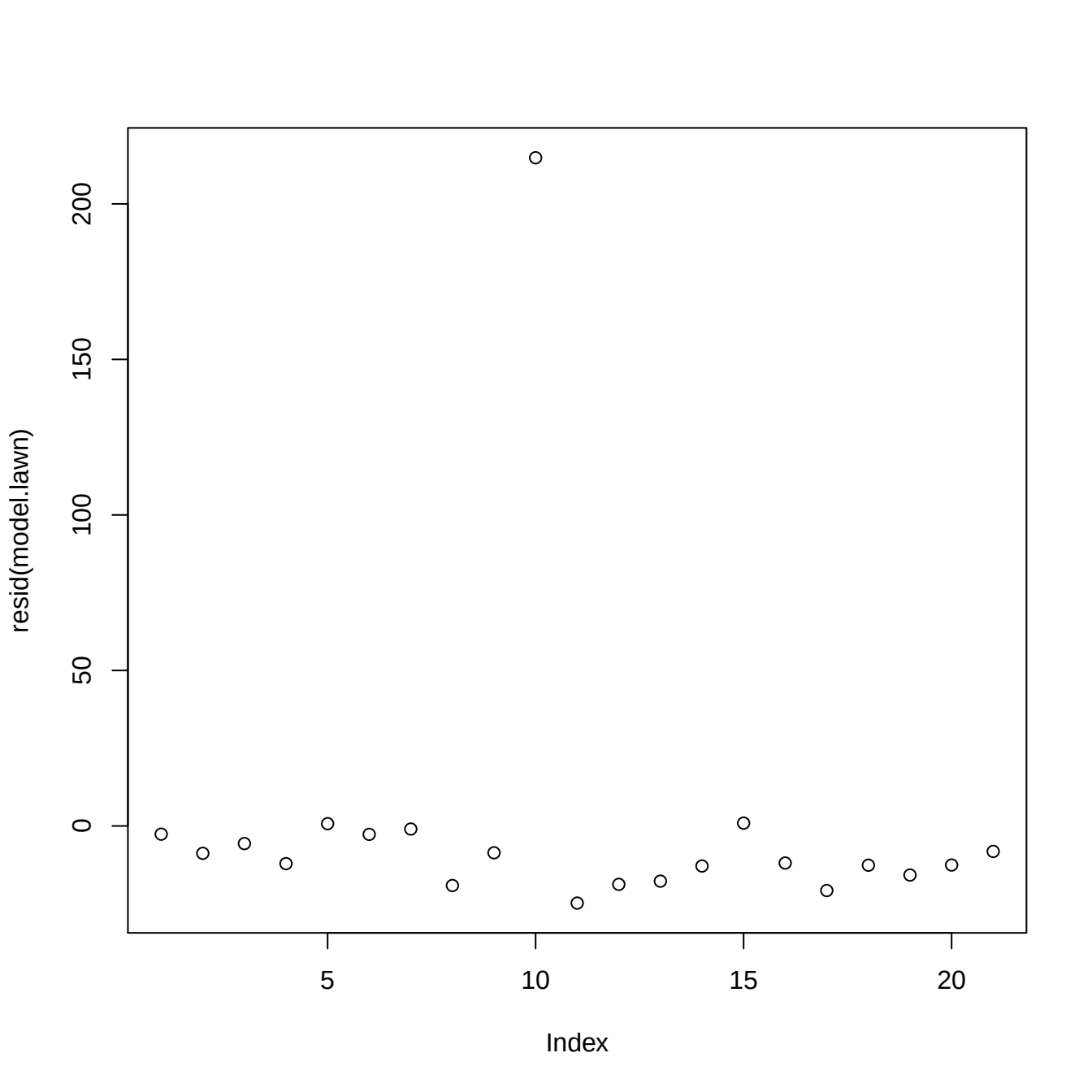
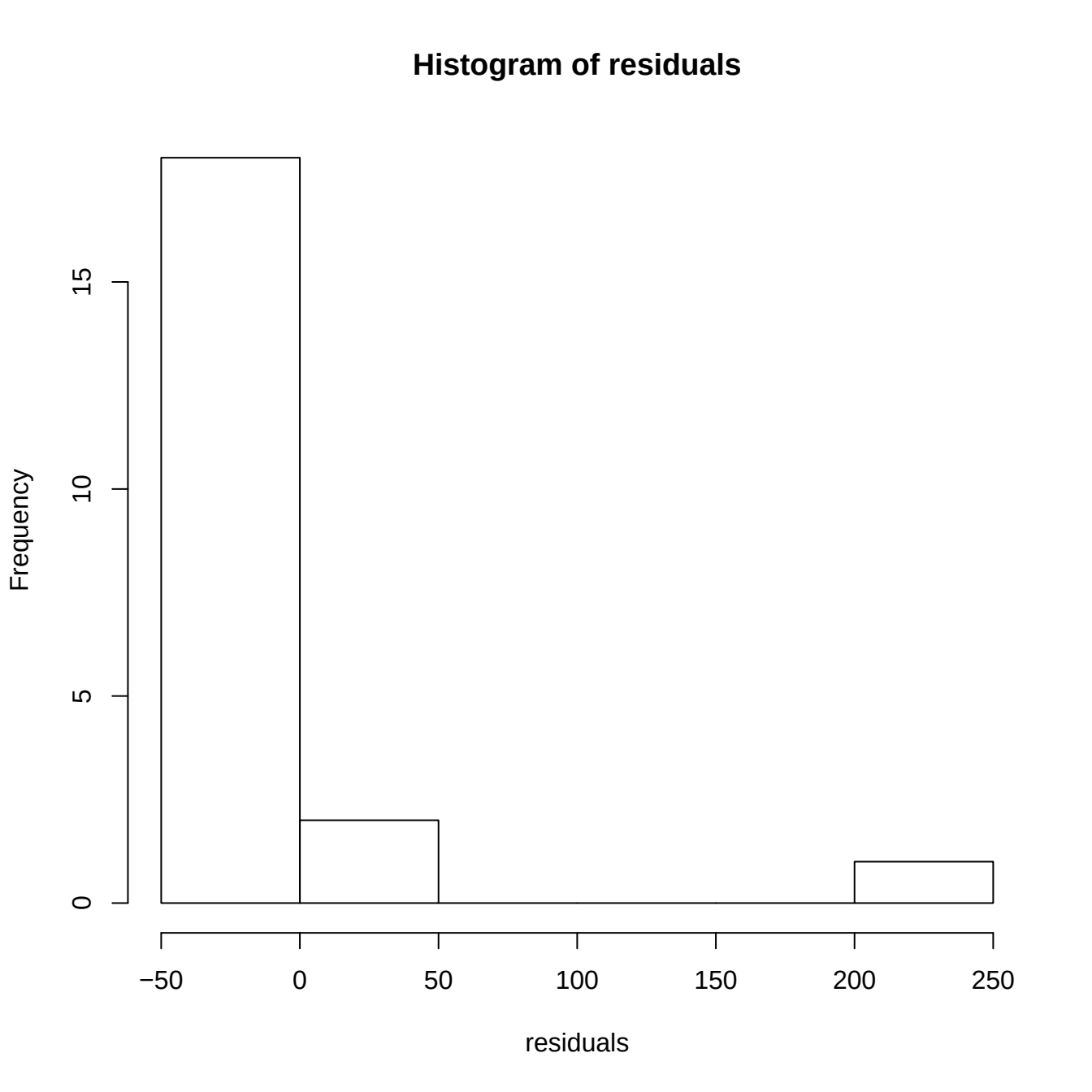
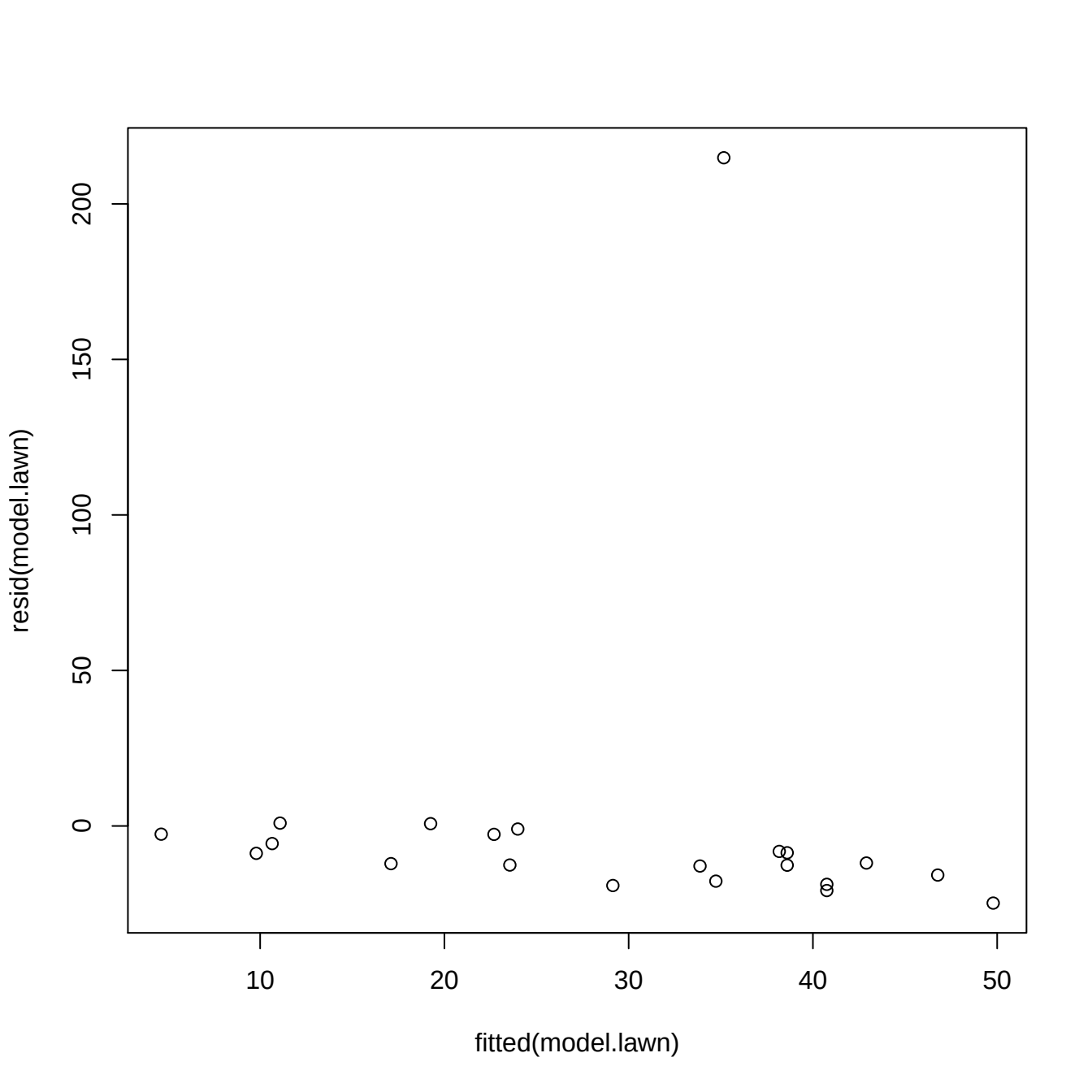
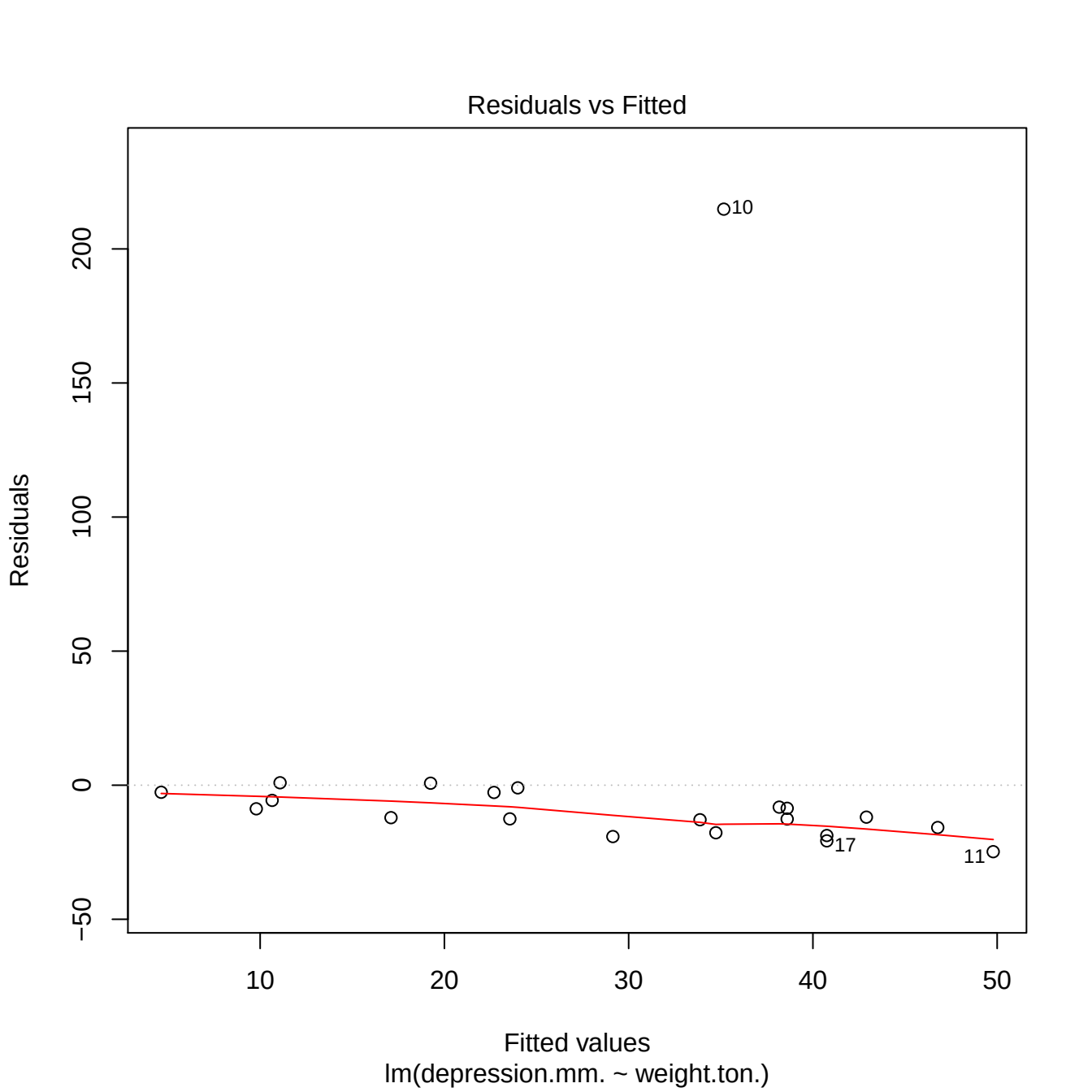

depression.mm.
0
50
100
150
200
250
2
4
6
8
10
12
weight.ton.

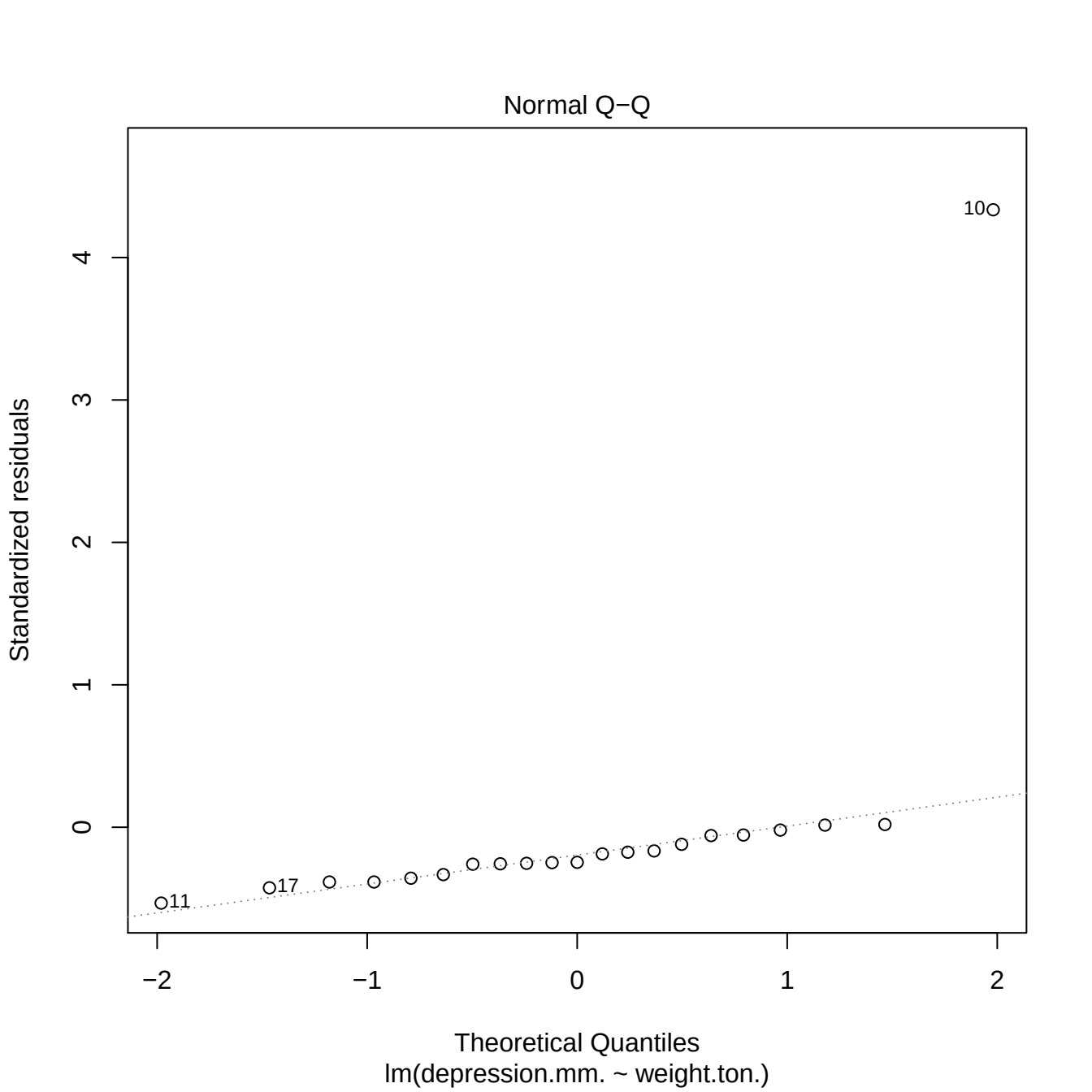

depression.mm.
0
50
100
150
200
250
2
4
6
8
10
12
weight.ton.

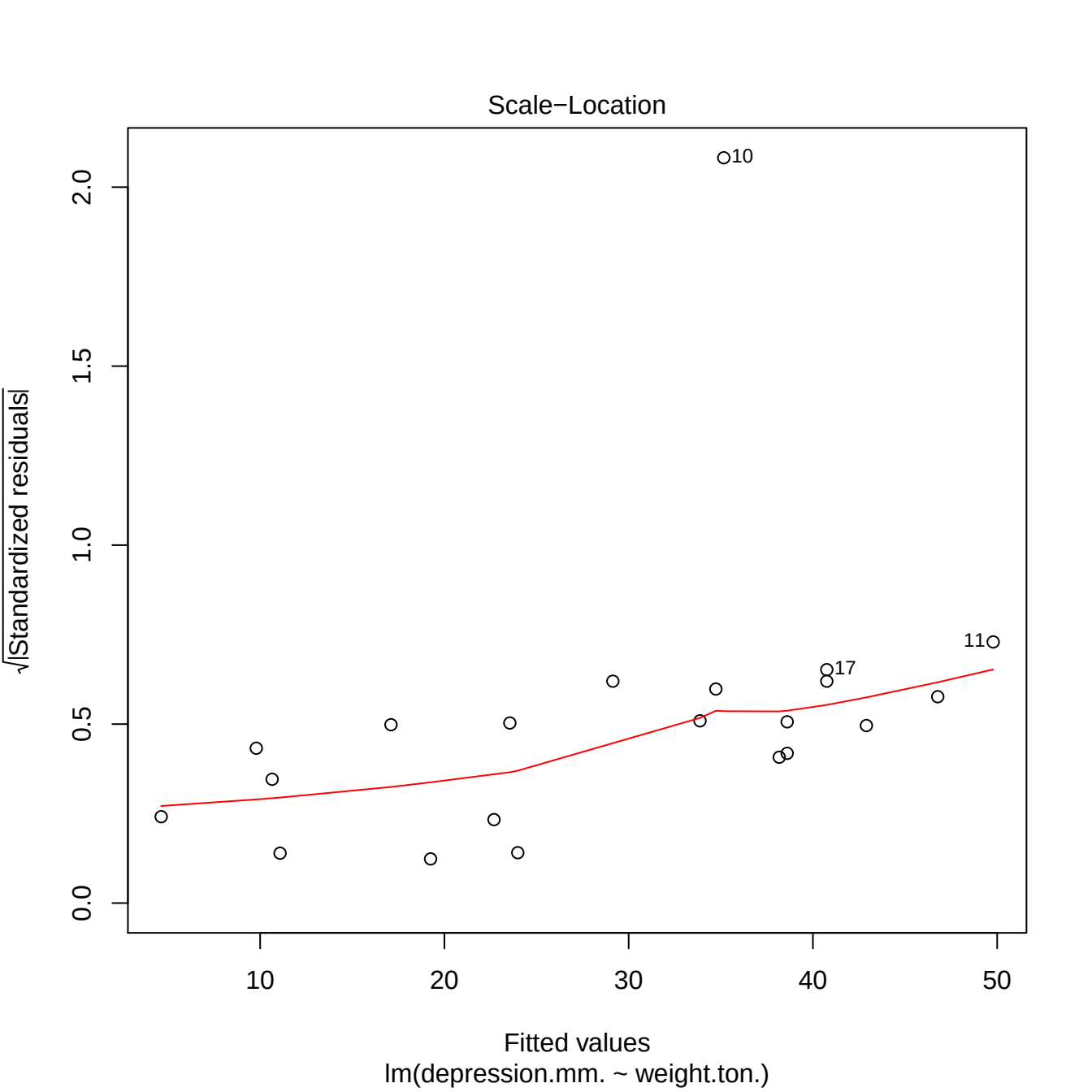

resid(model.lawn)
0
50
100
150
200
5
10
15
20
Index

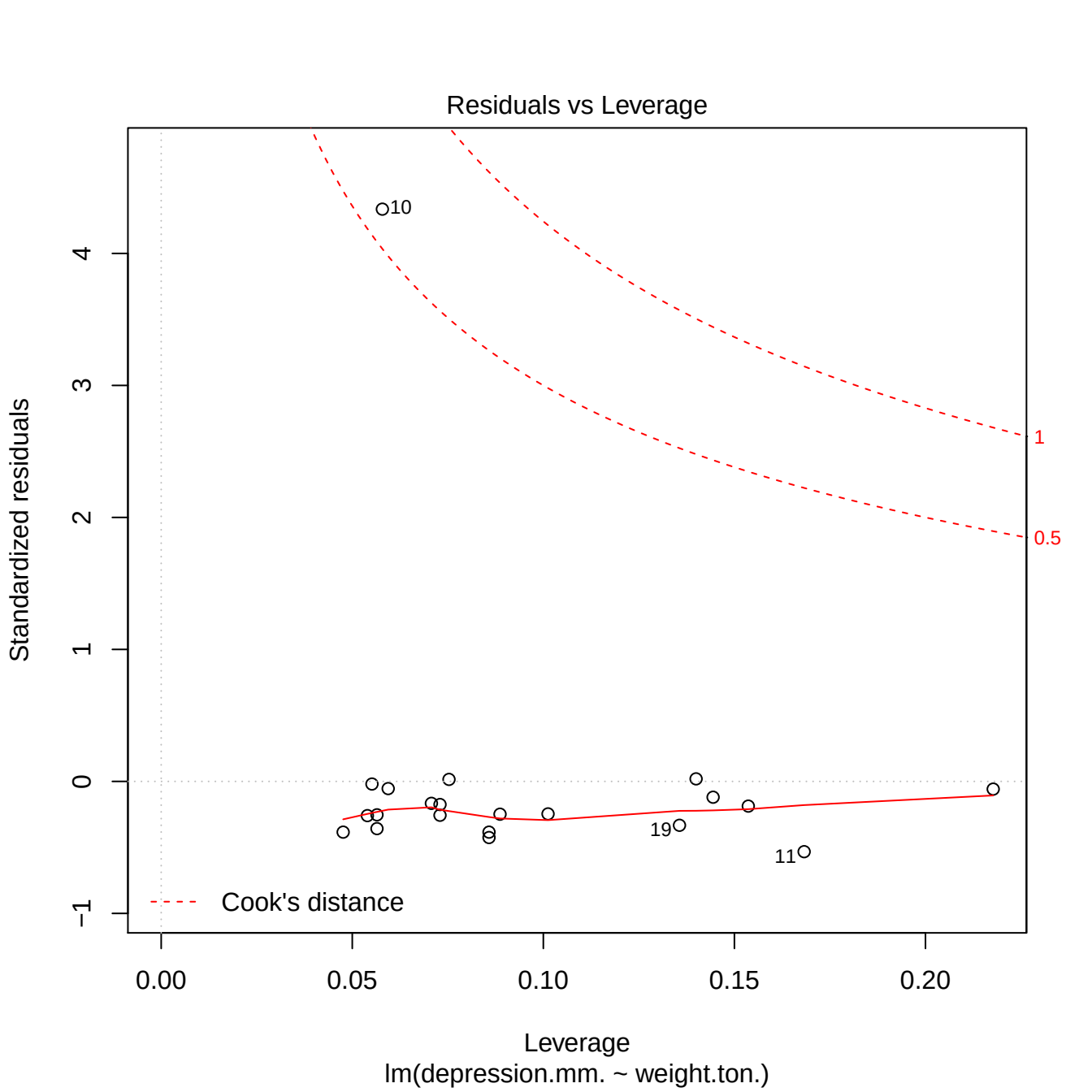

Histogram of residuals
Frequency
0
5
10
15
−50
0
50
100
150
200
250
residuals

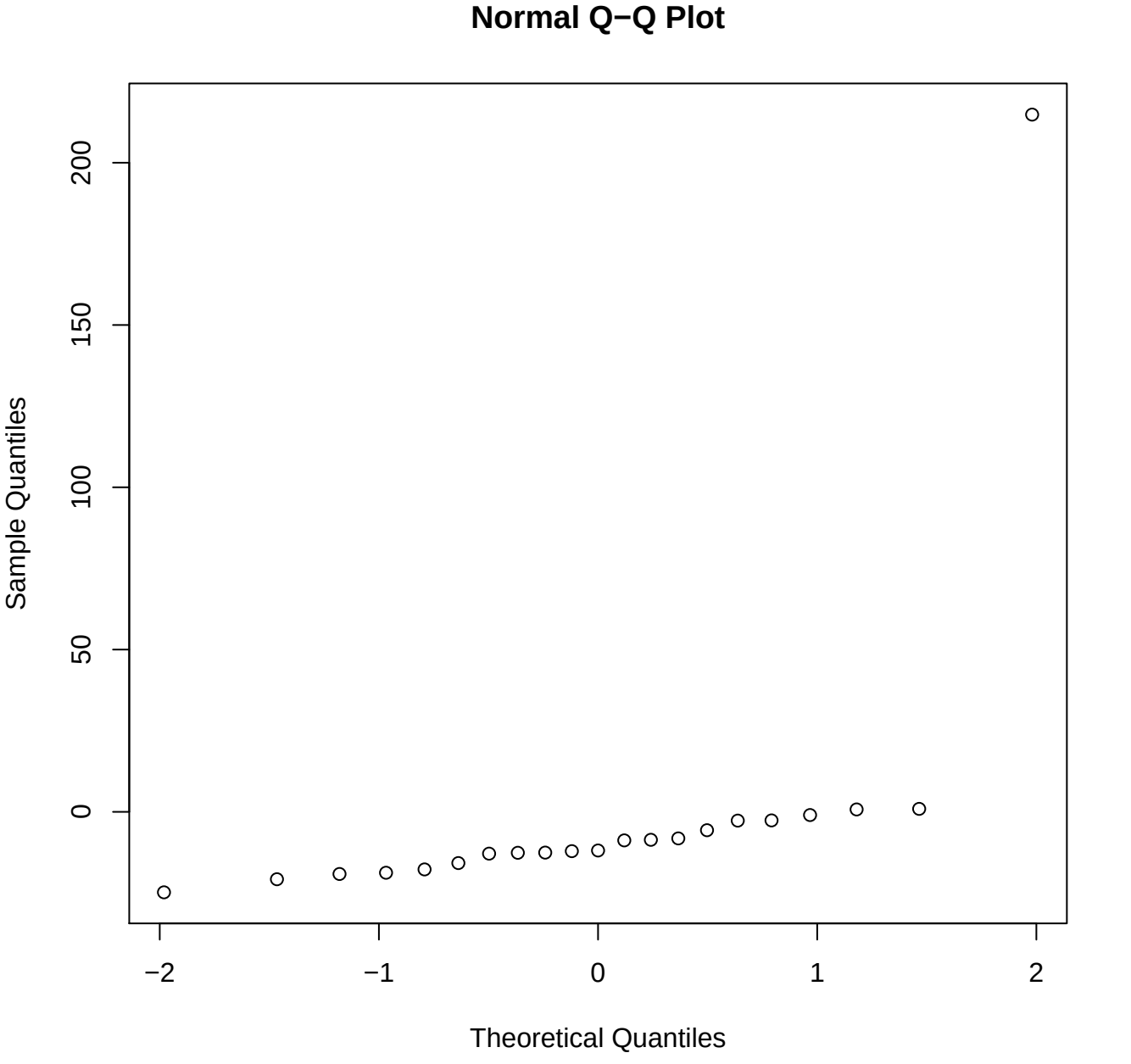

resid(model.lawn)
0
50
100
150
200
10
20
30
40
50
fitted(model.lawn)

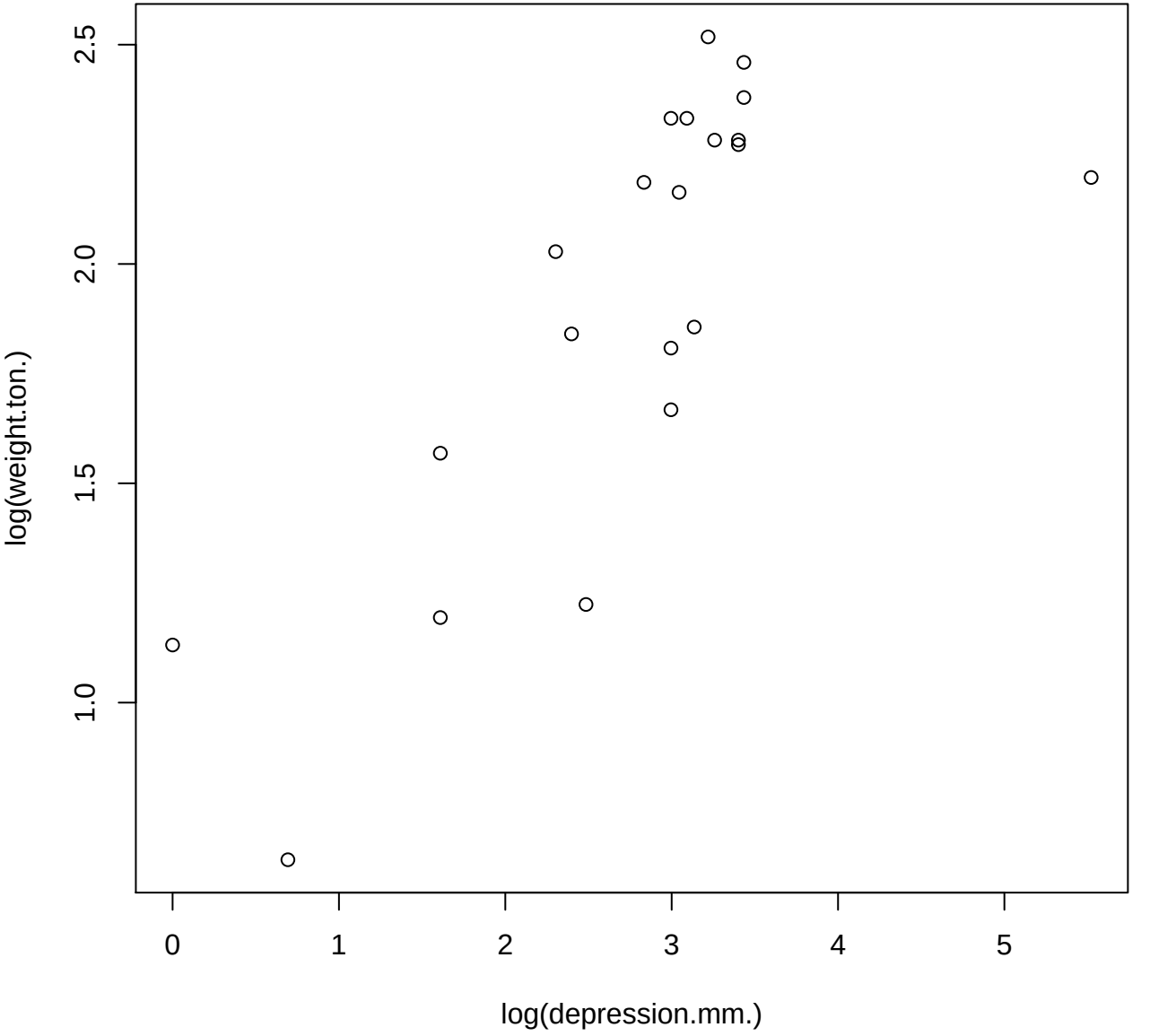

Residuals vs Fitted
Residuals
Fitted values
lm(depression.mm. ~ weight.ton.)
10
17
11
200
150
100
50
0
−50
10
20
30
40
50


Normal Q−Q
Standardized residuals
Theoretical Quantiles
lm(depression.mm. ~ weight.ton.)
10
11
17
0
1
2
3
4
−2
−1
0
1
2


Scale−Location
10
11
17
√|Standardized residuals|
0.0
0.5
1.0
1.5
2.0
10
20
30
40
50
Fitted values
lm(depression.mm. ~ weight.ton.)


Residuals vs Leverage
Standardized residuals
Leverage
lm(depression.mm. ~ weight.ton.)
Cook's distance
1
0.5
10
19
11
−1
0
1
2
3
4
0.00
0.05
0.10
0.15
0.20


Normal Q−Q Plot
Sample Quantiles
Theoretical Quantiles
0
50
100
150
200
−2
−1
0
1
2


log(weight.ton.)
1.0
1.5
2.0
2.5
0
1
2
3
4
5
log(depression.mm.)