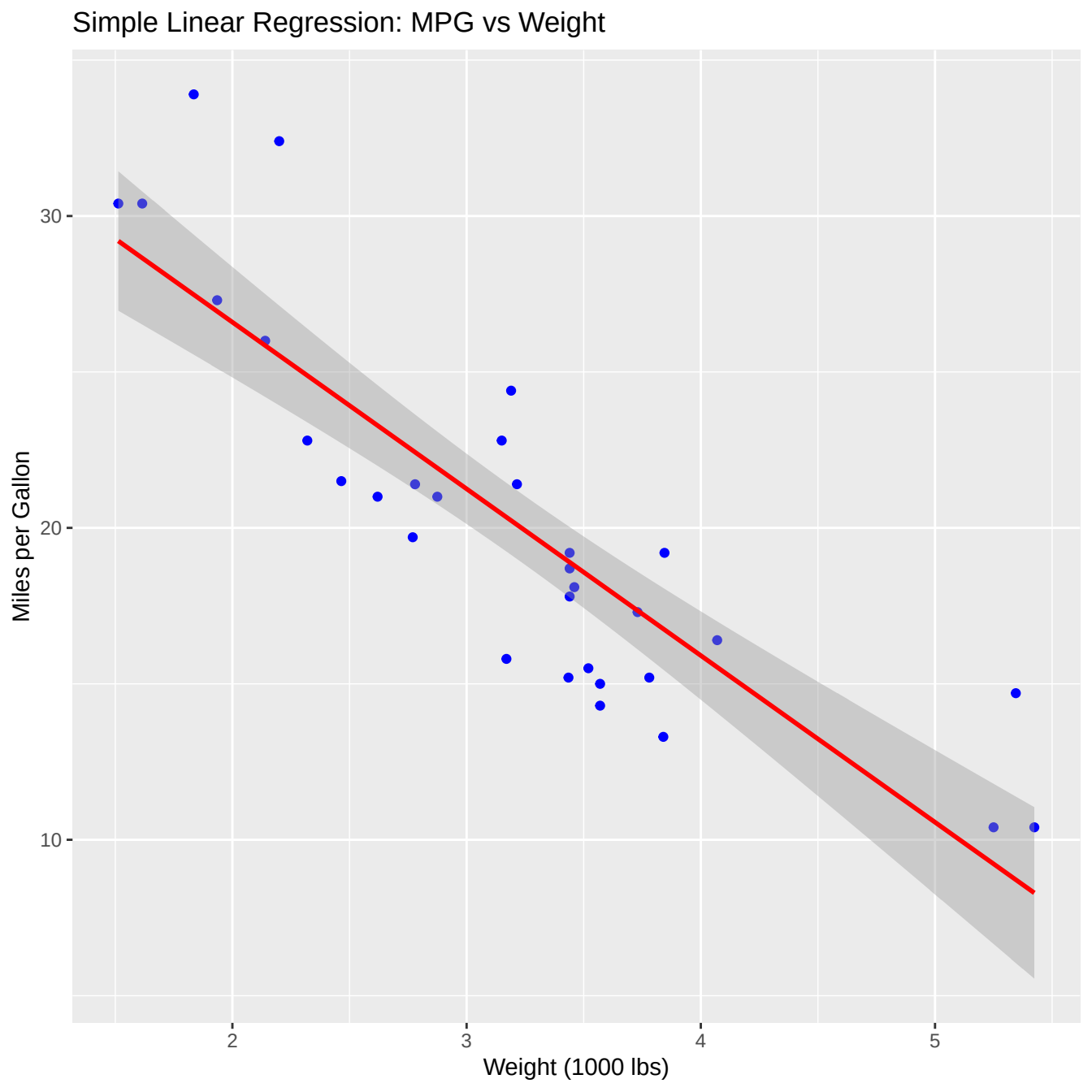
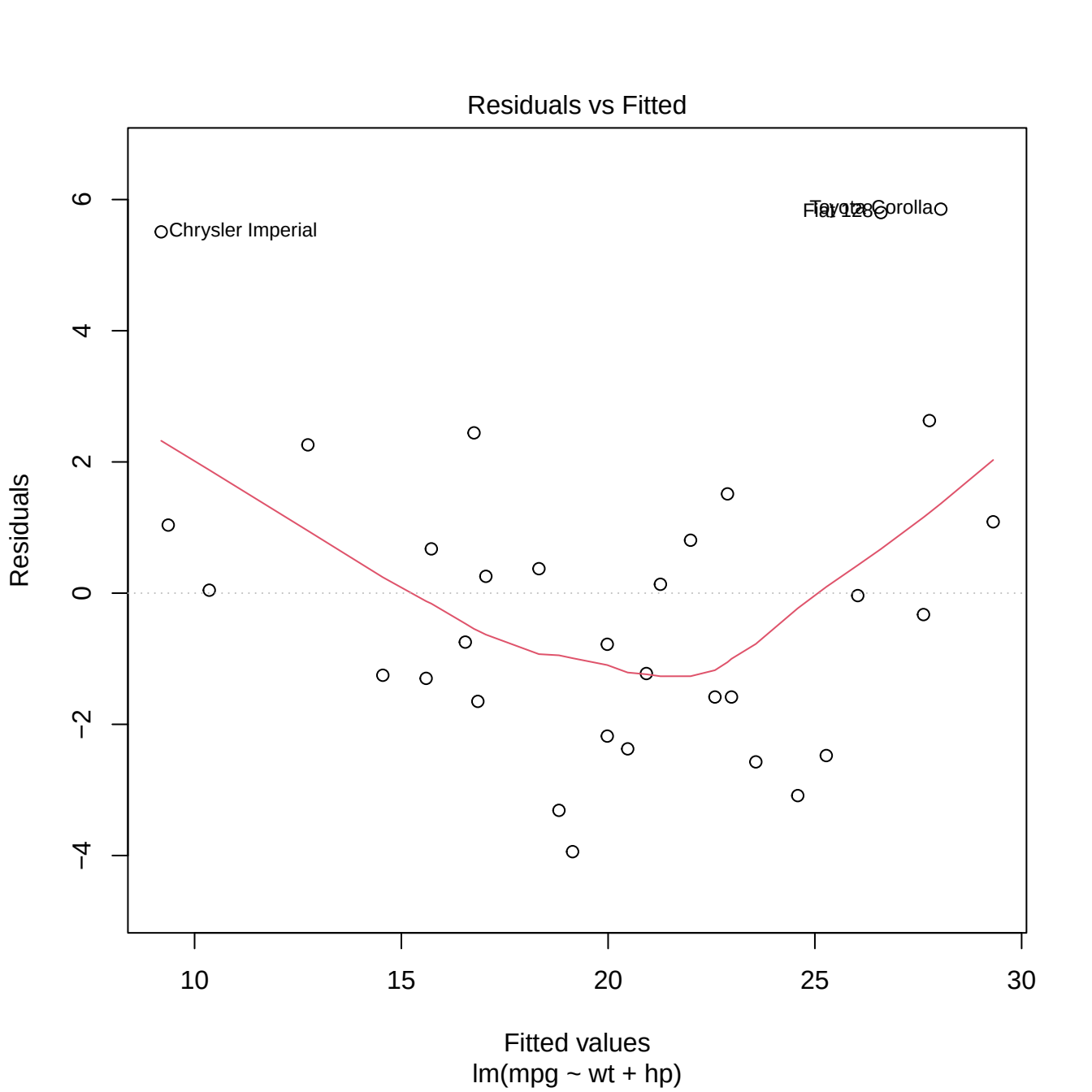
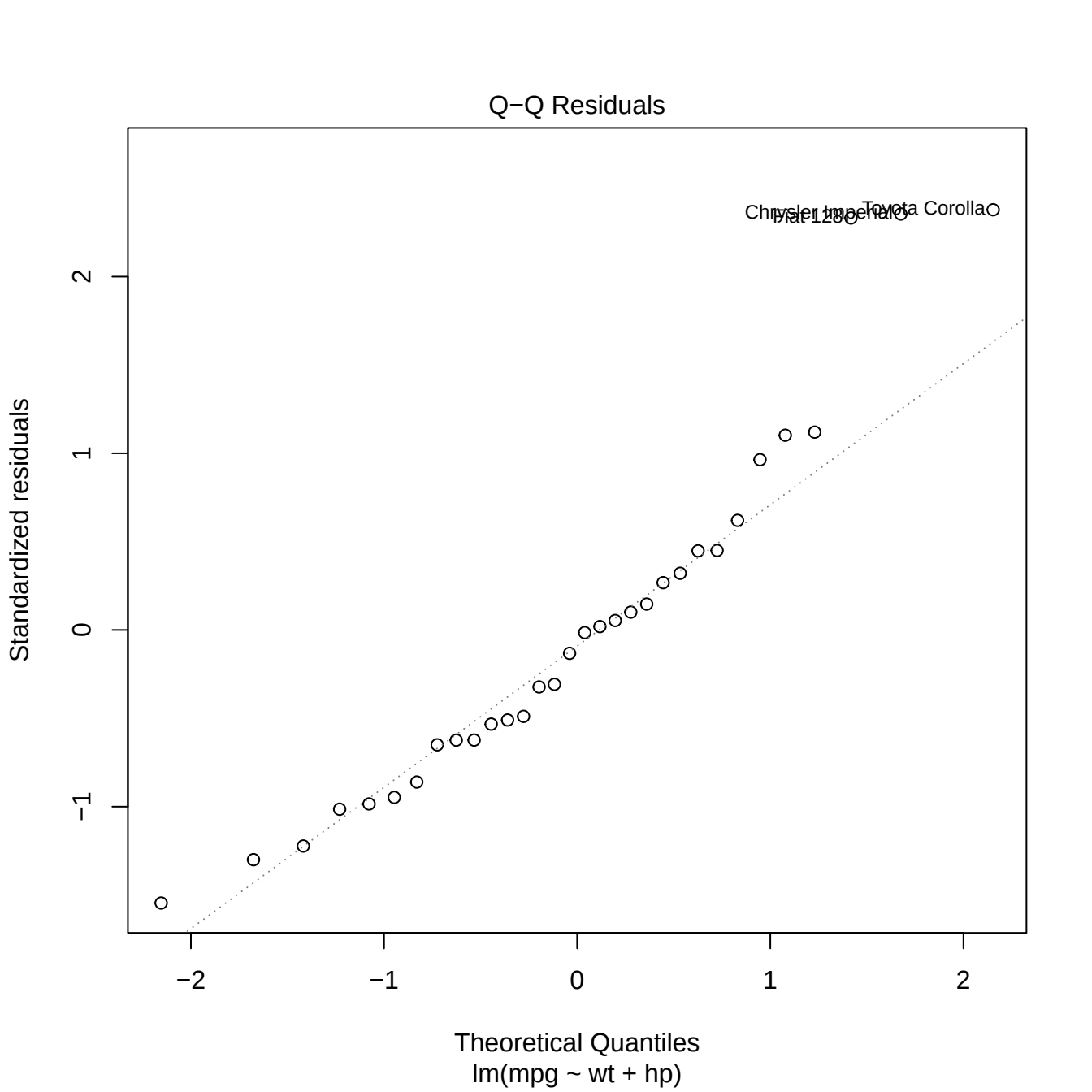
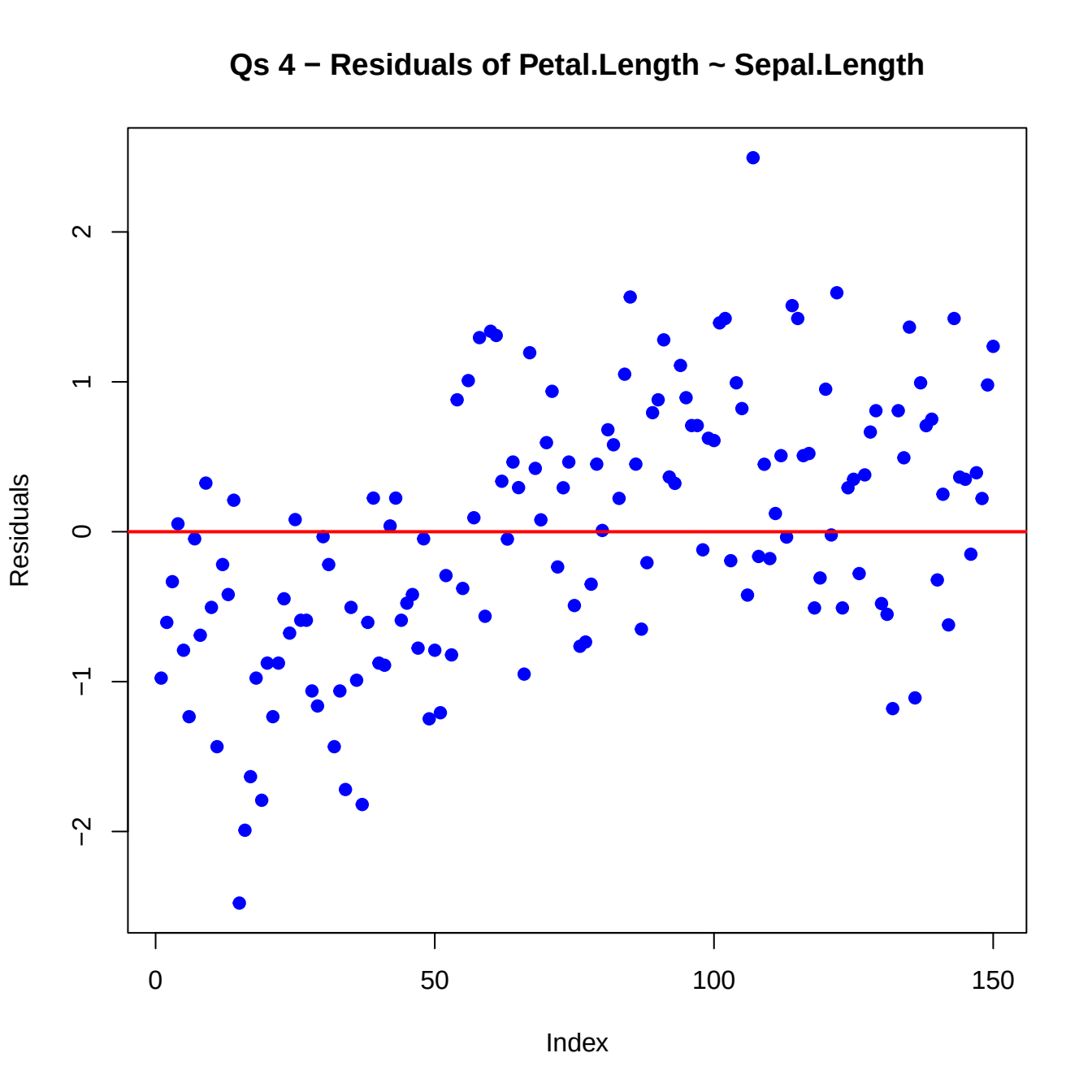

Simple Linear Regression: MPG vs Weight
Miles per Gallon
30
20
10
2
3
4
5
Weight (1000 lbs)


Residuals vs Fitted
Chrysler Imperial
Fiat 128
Toyota Corolla
Residuals
6
4
2
0
−2
−4
10
15
20
25
30
Fitted values
lm(mpg ~ wt + hp)


Q−Q Residuals
Chrysler Imperial
Fiat 128
Toyota Corolla
Standardized residuals
2
1
0
−1
−2
−1
0
1
2
Theoretical Quantiles
lm(mpg ~ wt + hp)


Qs 4 − Residuals of Petal.Length ~ Sepal.Length
Residuals
Index
2
1
0
−1
−2
0
50
100
150