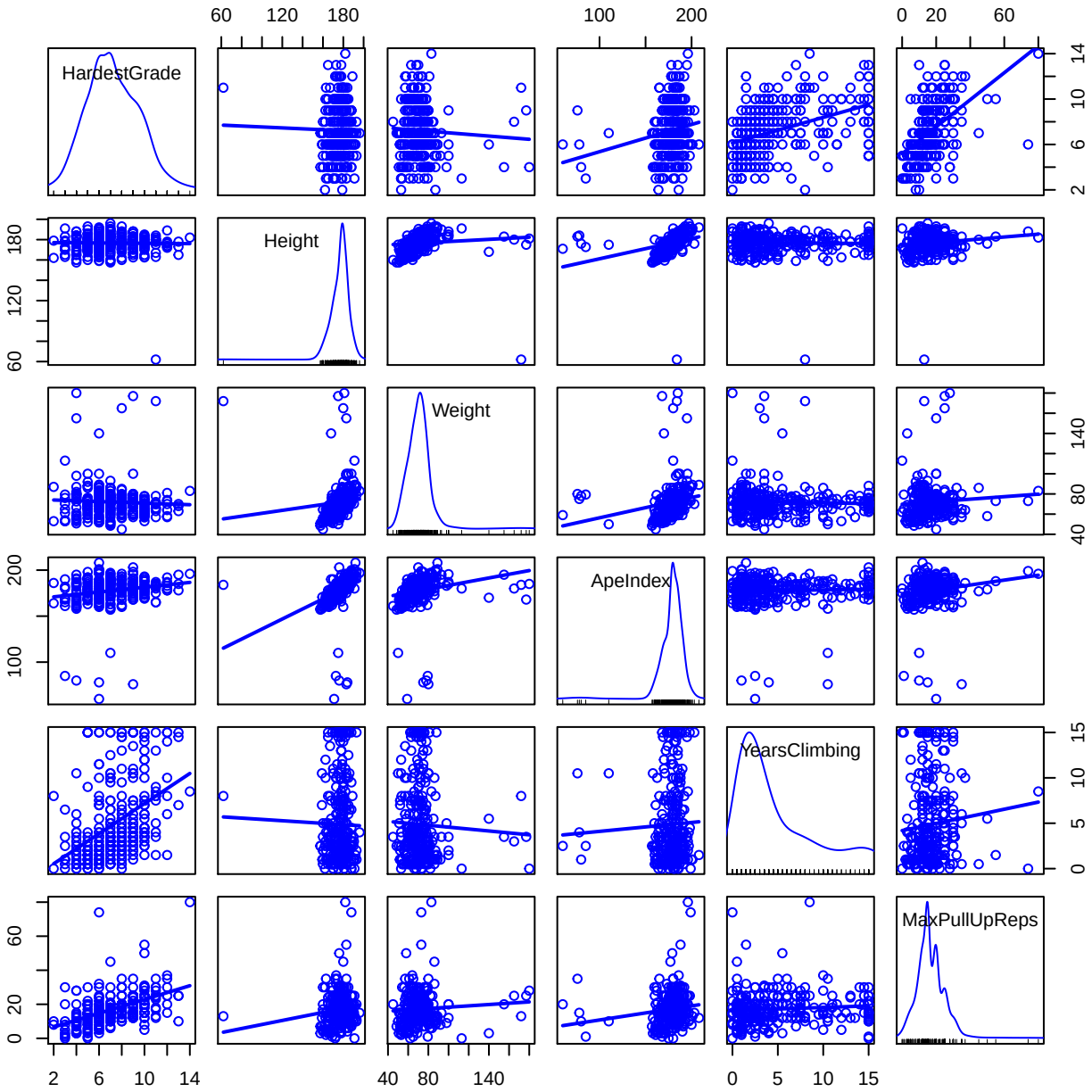
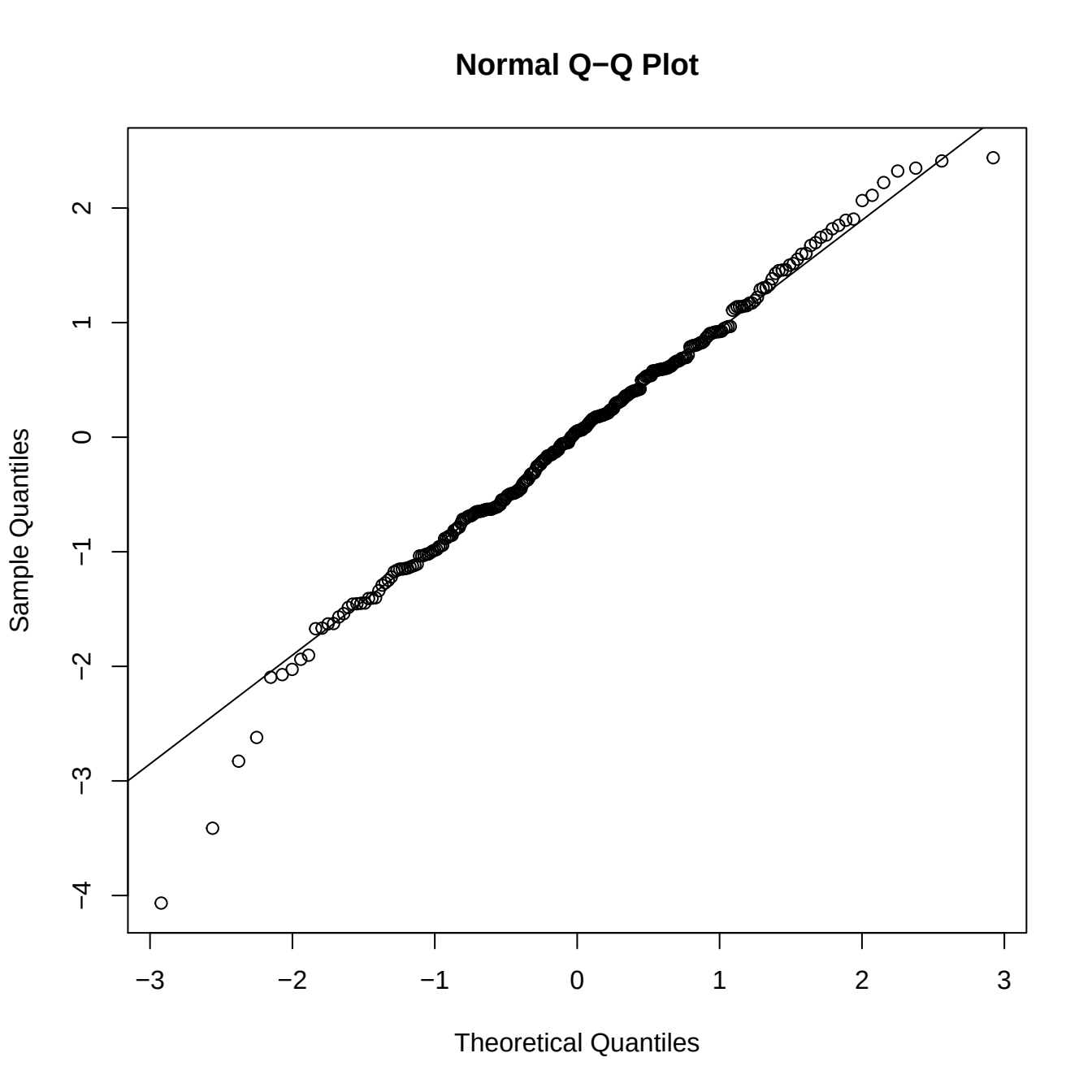
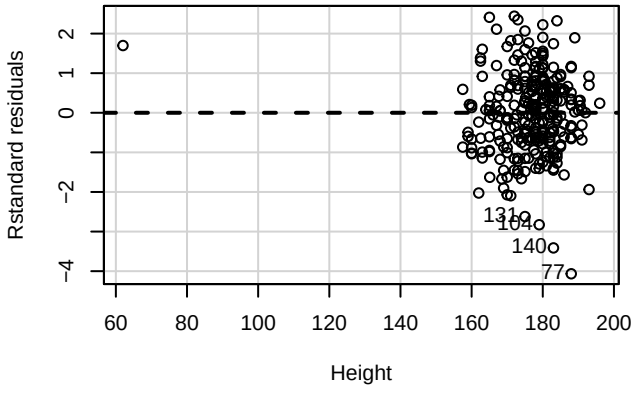
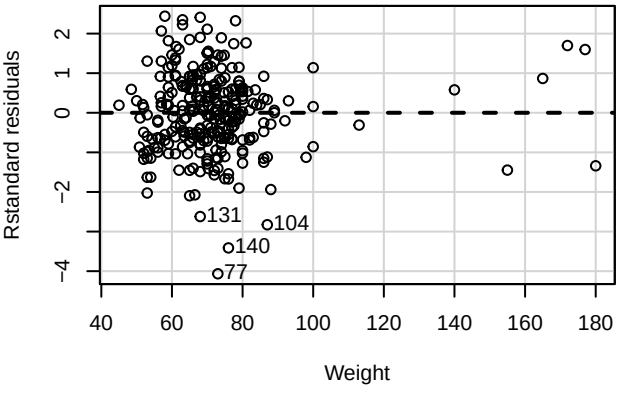
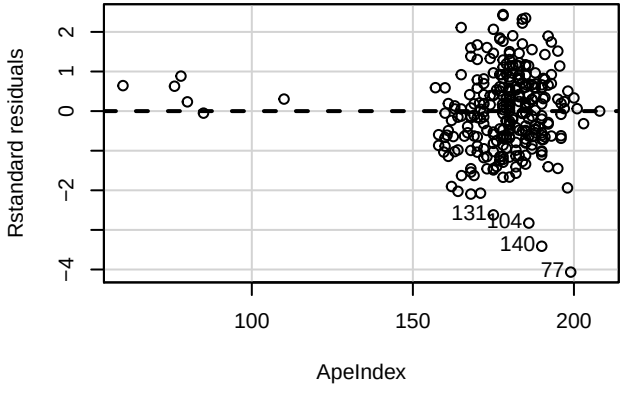
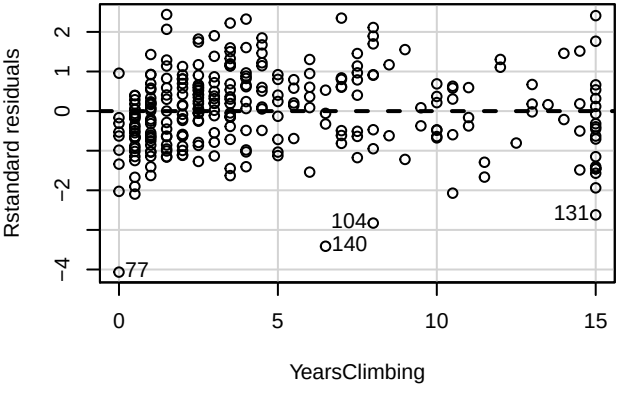

HardestGrade
Height
Weight
ApeIndex
YearsClimbing
MaxPullUpReps

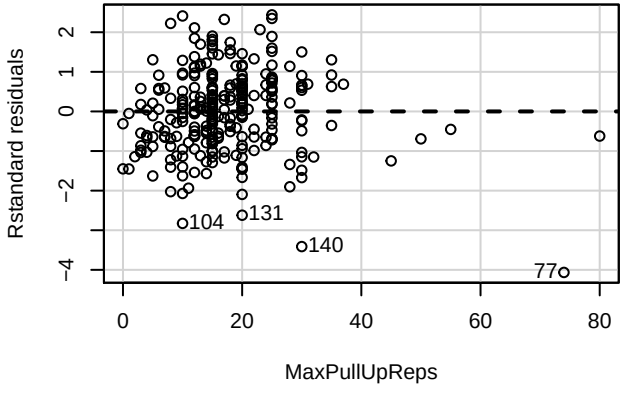

Normal Q−Q Plot
Sample Quantiles
Theoretical Quantiles
−4
−3
−2
−1
0
1
2
−3
−2
−1
0
1
2
3

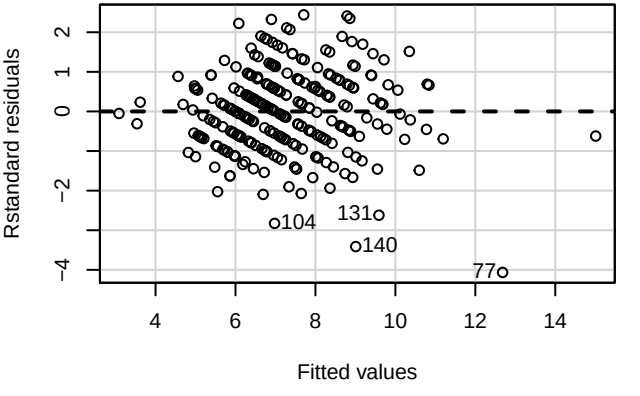

Rstandard residuals
Height
131
104
140
77

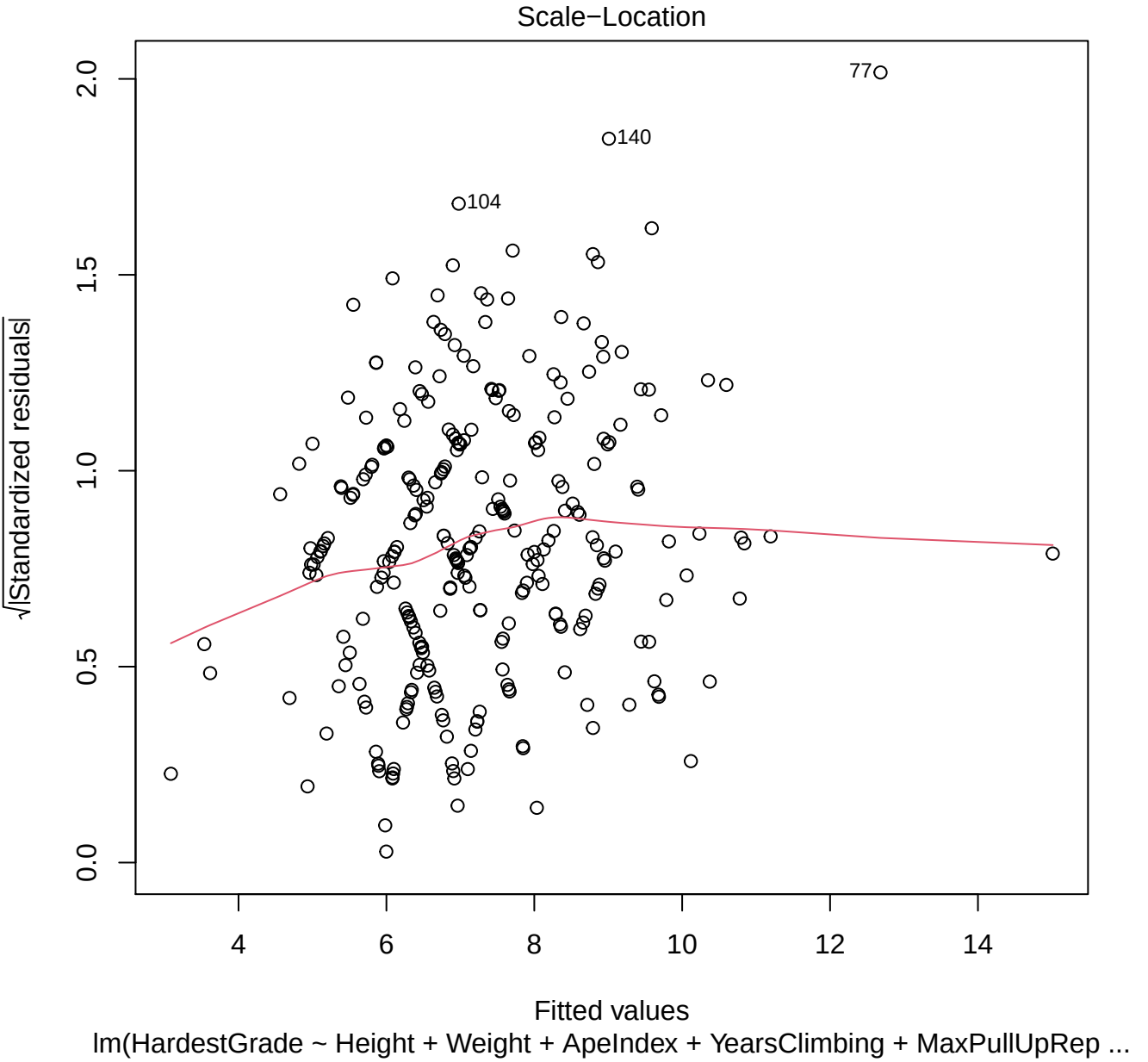

Rstandard residuals
Weight
131
104
140
77

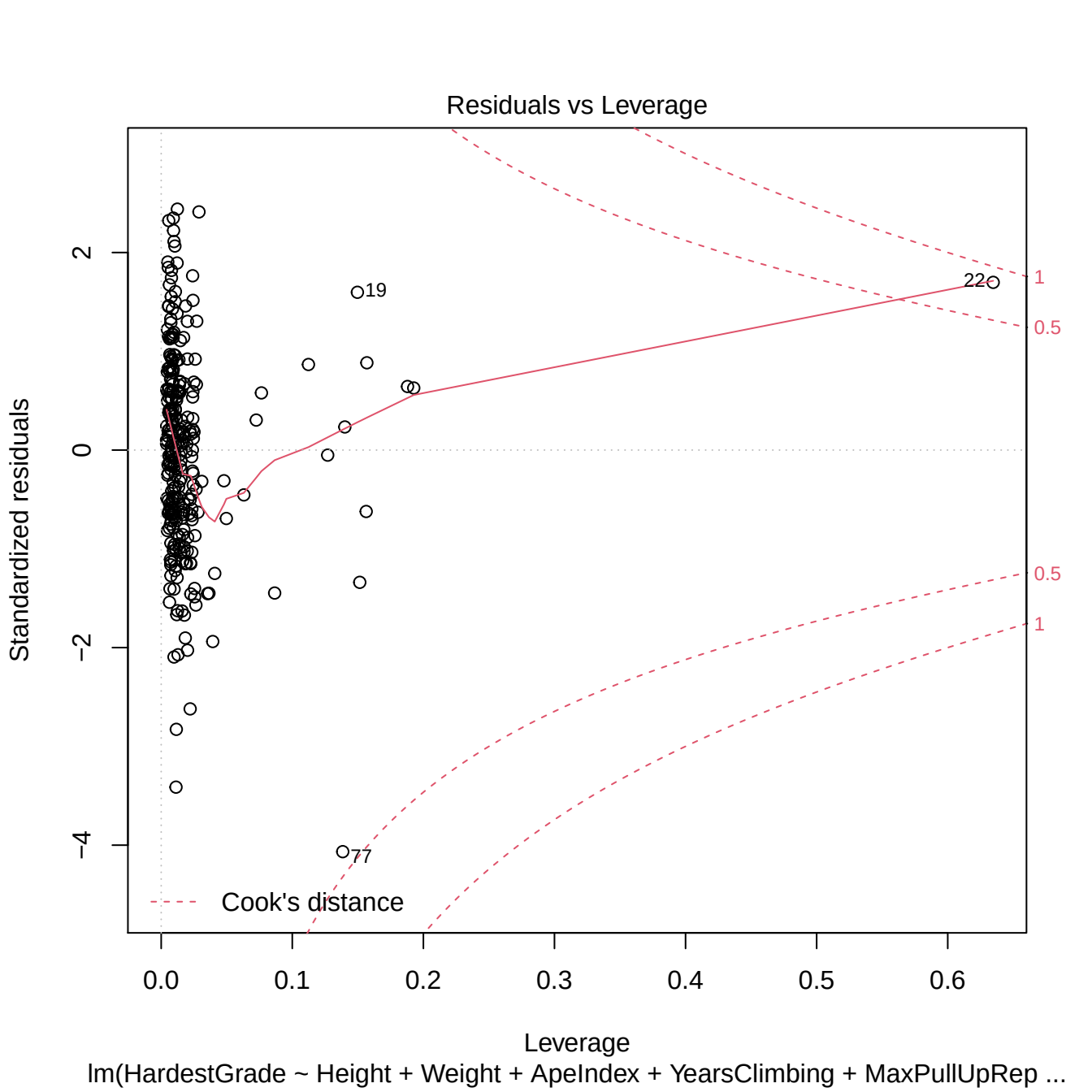

Rstandard residuals
ApeIndex
131
104
140
77

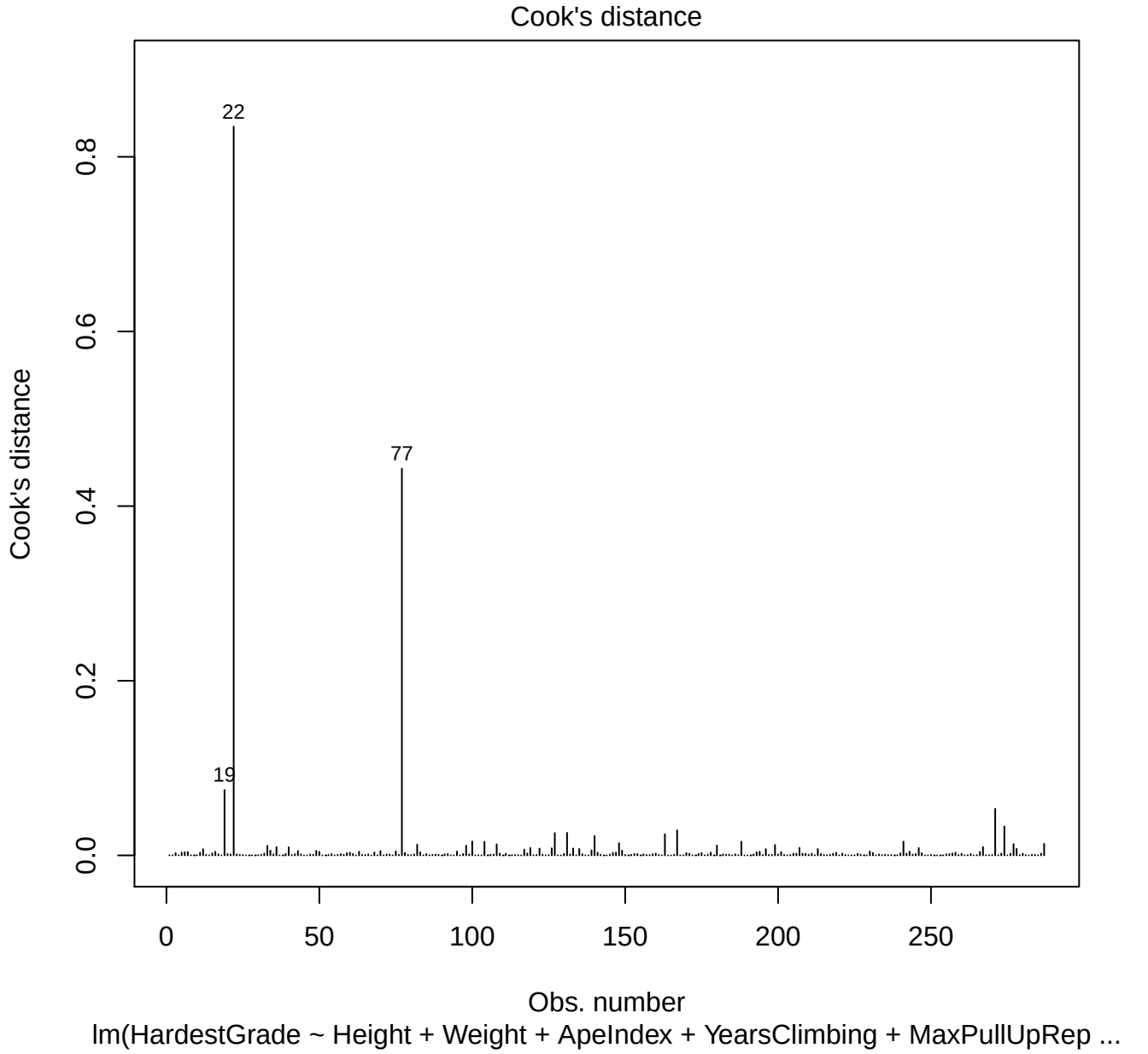

Rstandard residuals
YearsClimbing
104
140
131
77

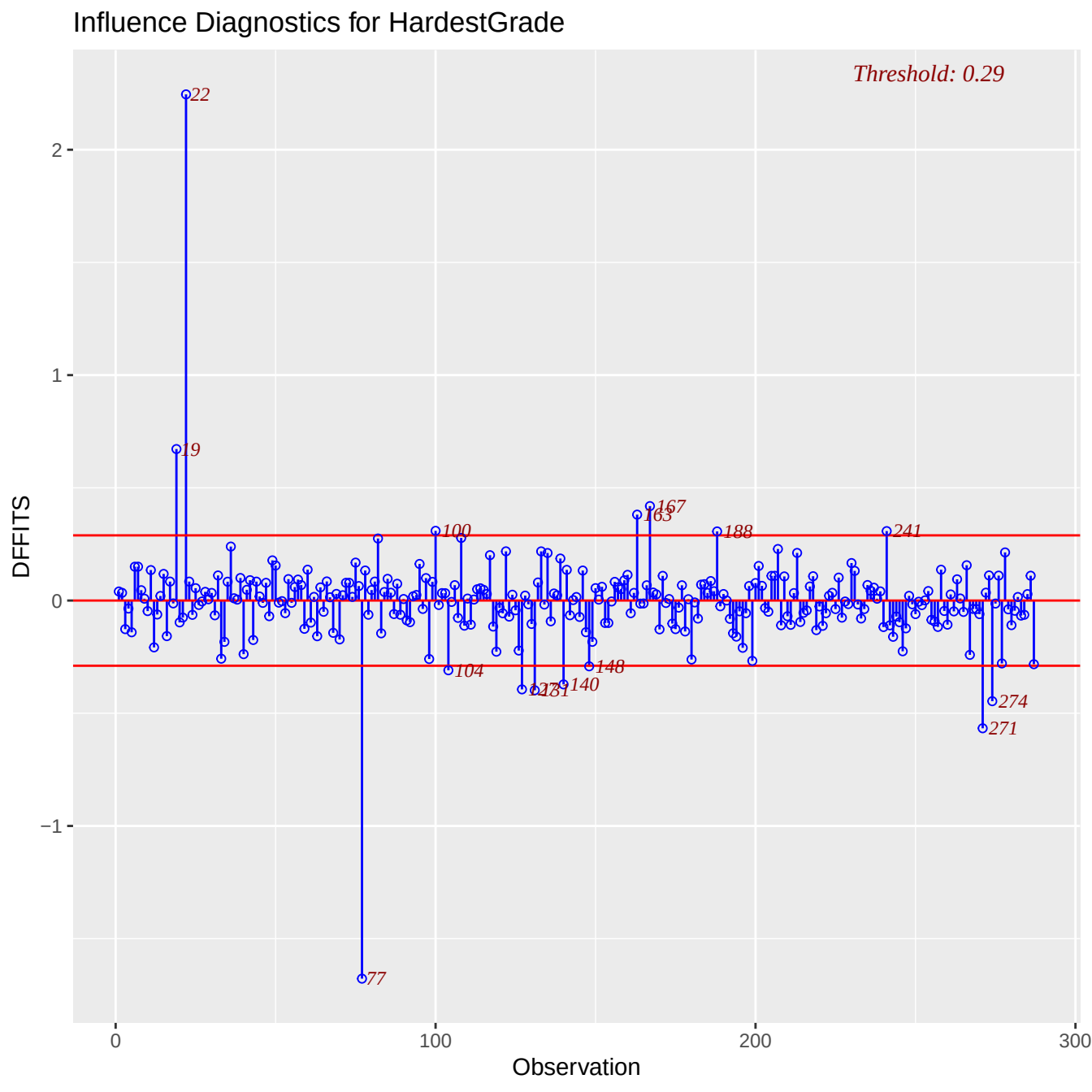

Rstandard residuals
MaxPullUpReps
104
131
140
77

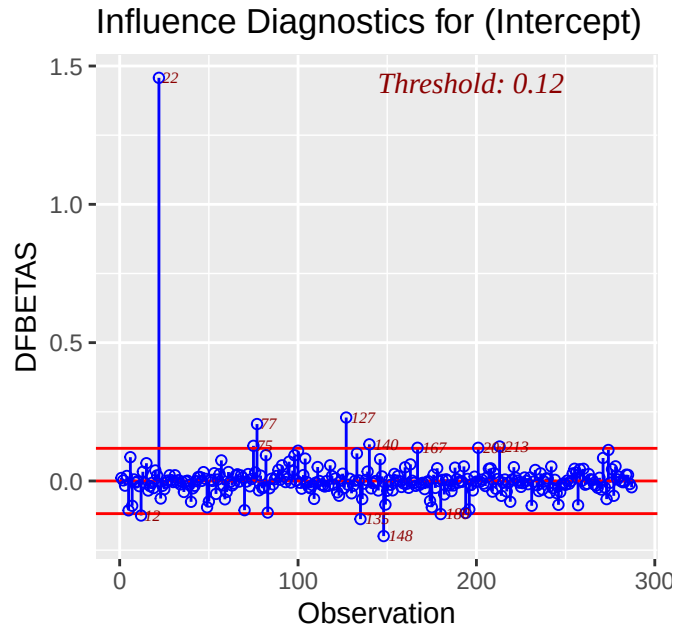

Rstandard residuals
Fitted values
104
131
140
77

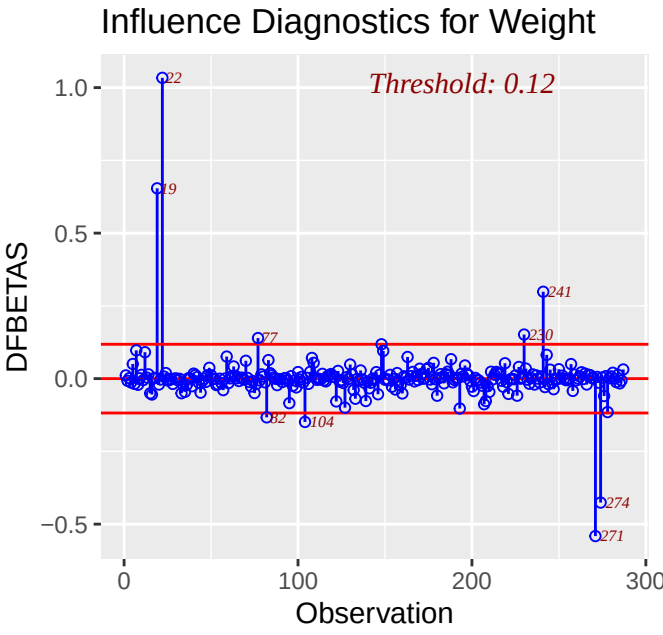

Scale−Location
77
140
104
2.0
1.5
1.0
0.5
0.0
√|Standardized residuals|
4
6
8
10
12
14
Fitted values
lm(HardestGrade ~ Height + Weight + ApeIndex + YearsClimbing + MaxPullUpRep ...

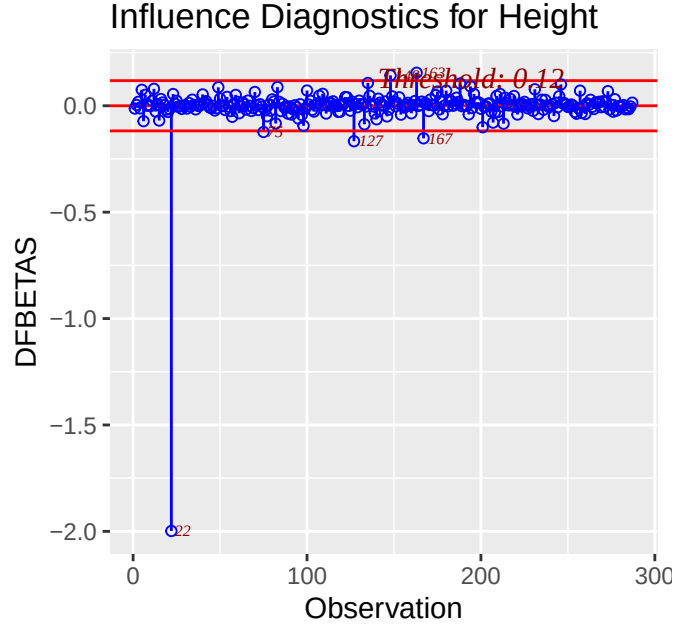

Residuals vs Leverage
Standardized residuals
Leverage
lm(HardestGrade ~ Height + Weight + ApeIndex + YearsClimbing + MaxPullUpRep ...
Cook's distance
19
22
77
1
0.5
0.5
1
2
0
−2
−4
0.0
0.1
0.2
0.3
0.4
0.5
0.6

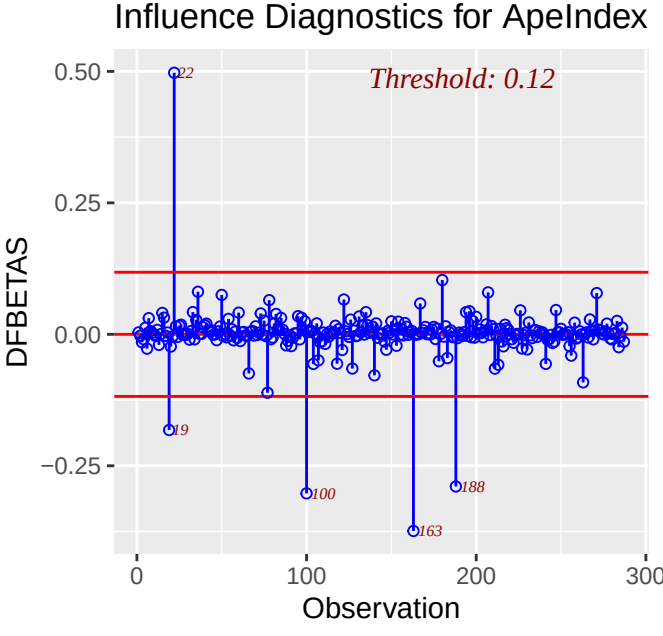

Cook's distance
22
77
19
0.0
0.2
0.4
0.6
0.8
Cook's distance
0
50
100
150
200
250
Obs. number
lm(HardestGrade ~ Height + Weight + ApeIndex + YearsClimbing + MaxPullUpRep ...


Influence Diagnostics for HardestGrade
Threshold: 0.29
22
19
100
104
77
167
163
188
241
148
140
274
271
DFFITS
Observation
2
1
0
−1
0
100
200
300

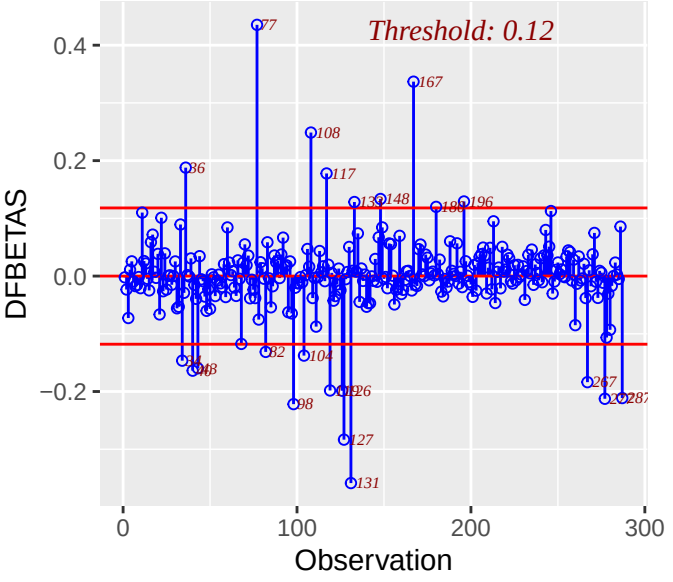

Influence Diagnostics for (Intercept)
Threshold: 0.12
DFBETAS
Observation
22
77
75
127
140
167
213
12
135
148
188


Influence Diagnostics for Weight
Threshold: 0.12
DFBETAS
Observation
22
19
241
230
77
82
104
274
271

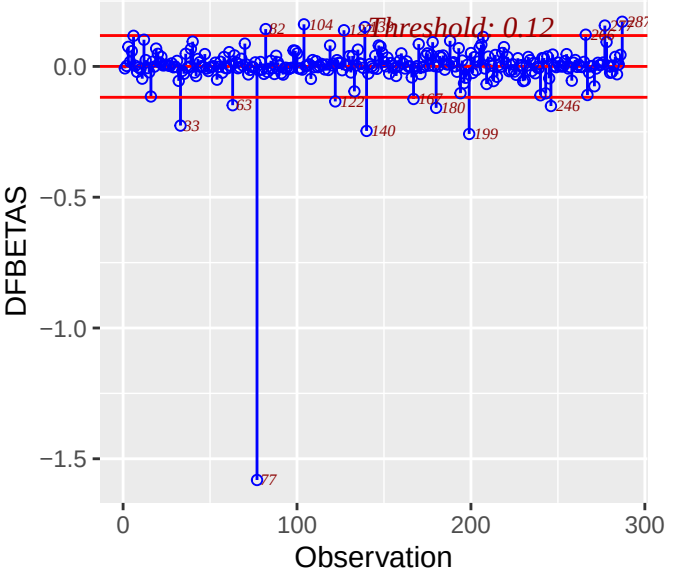
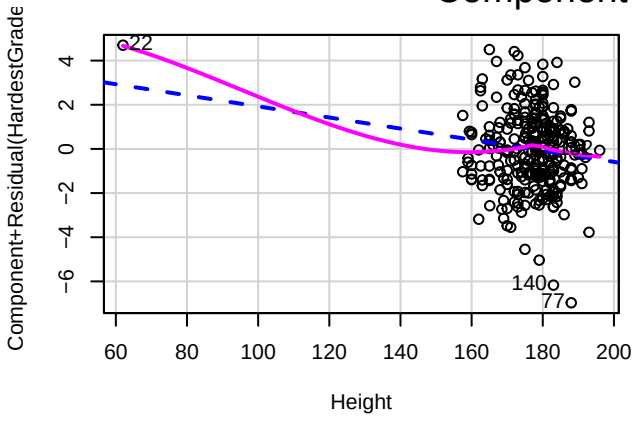
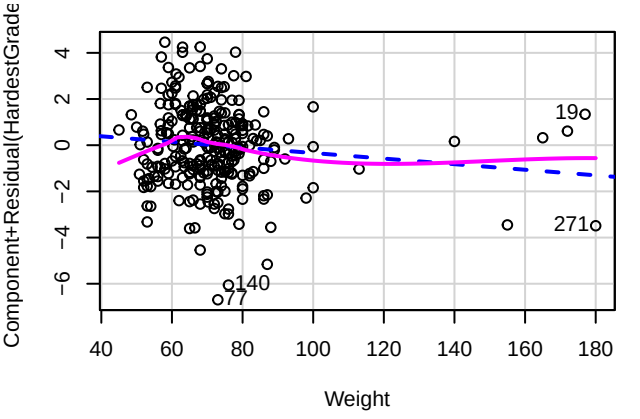
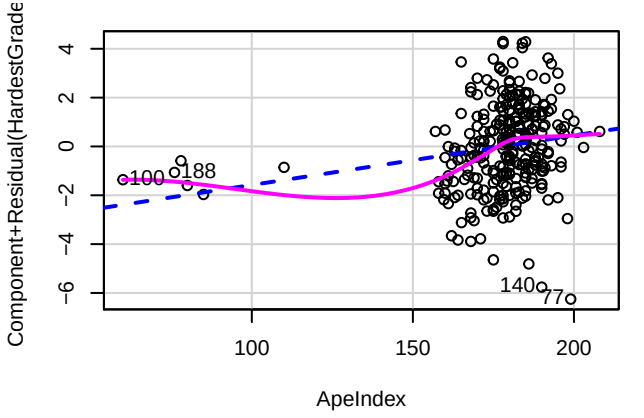
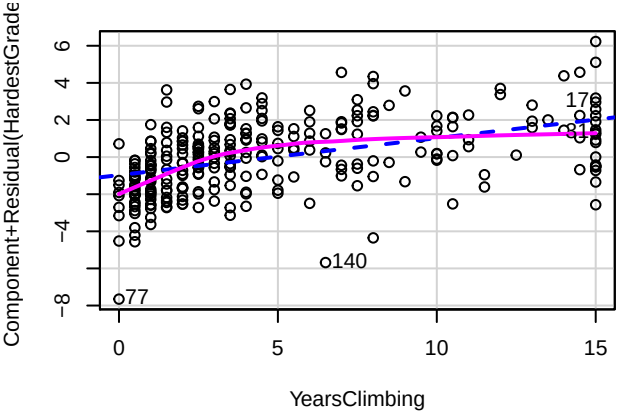
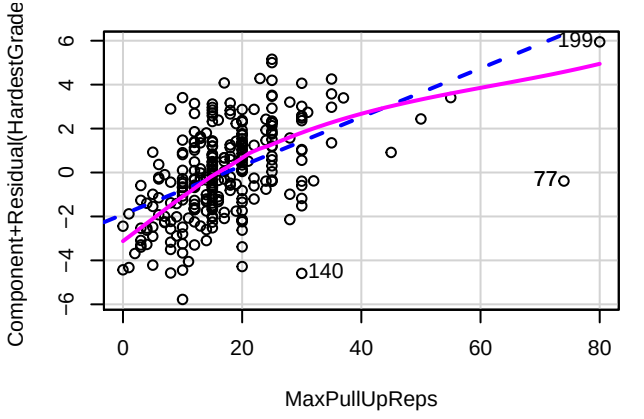

Influence Diagnostics for Height
Threshold: 0.12
DFBETAS
Observation
163
75
127
167
22


Influence Diagnostics for ApeIndex
Threshold: 0.12
DFBETAS
Observation
22
19
100
188
163

Influence Diagnostics for YearsClimbing



Influence Diagnostics for MaxPullUpReps



Component + Residual Plots