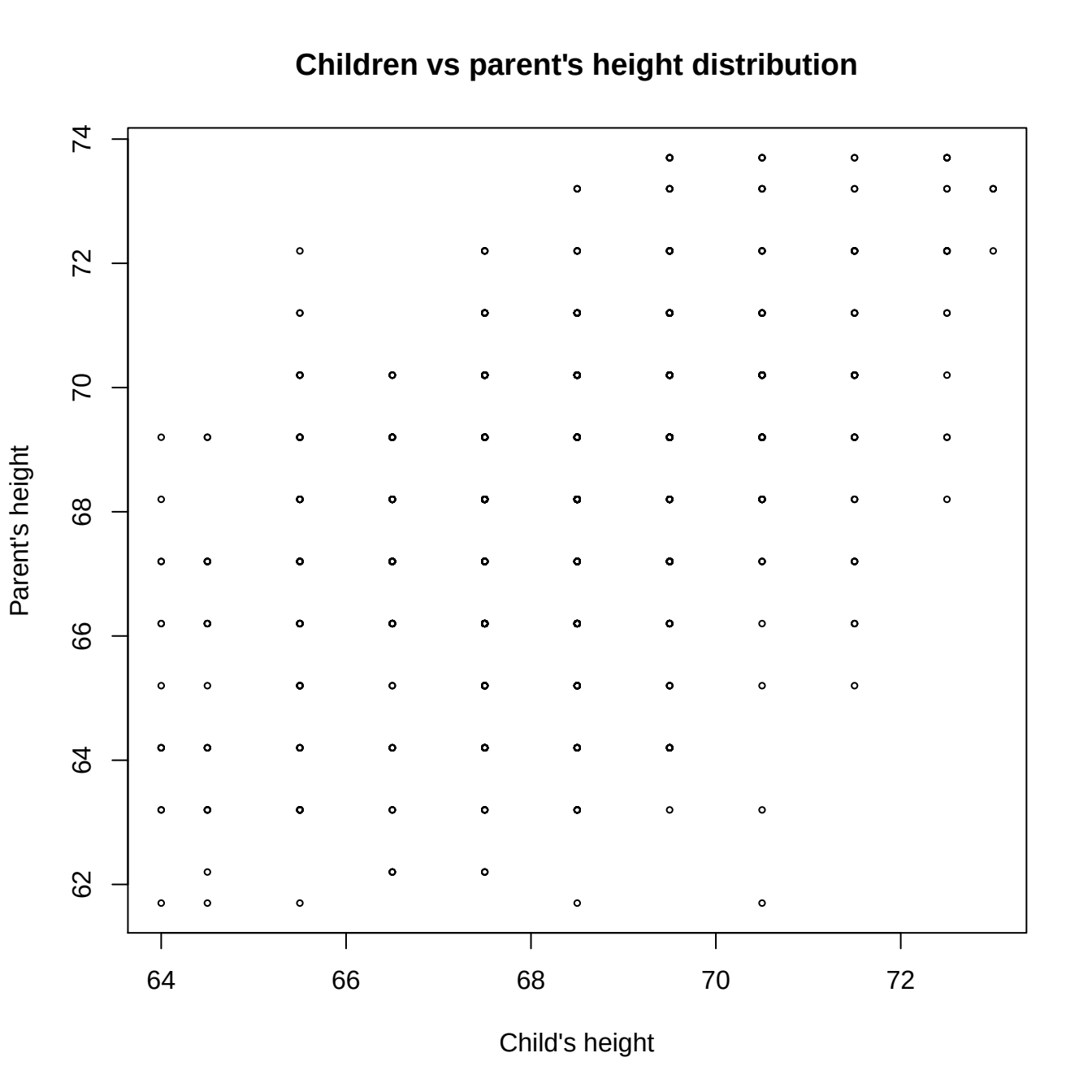
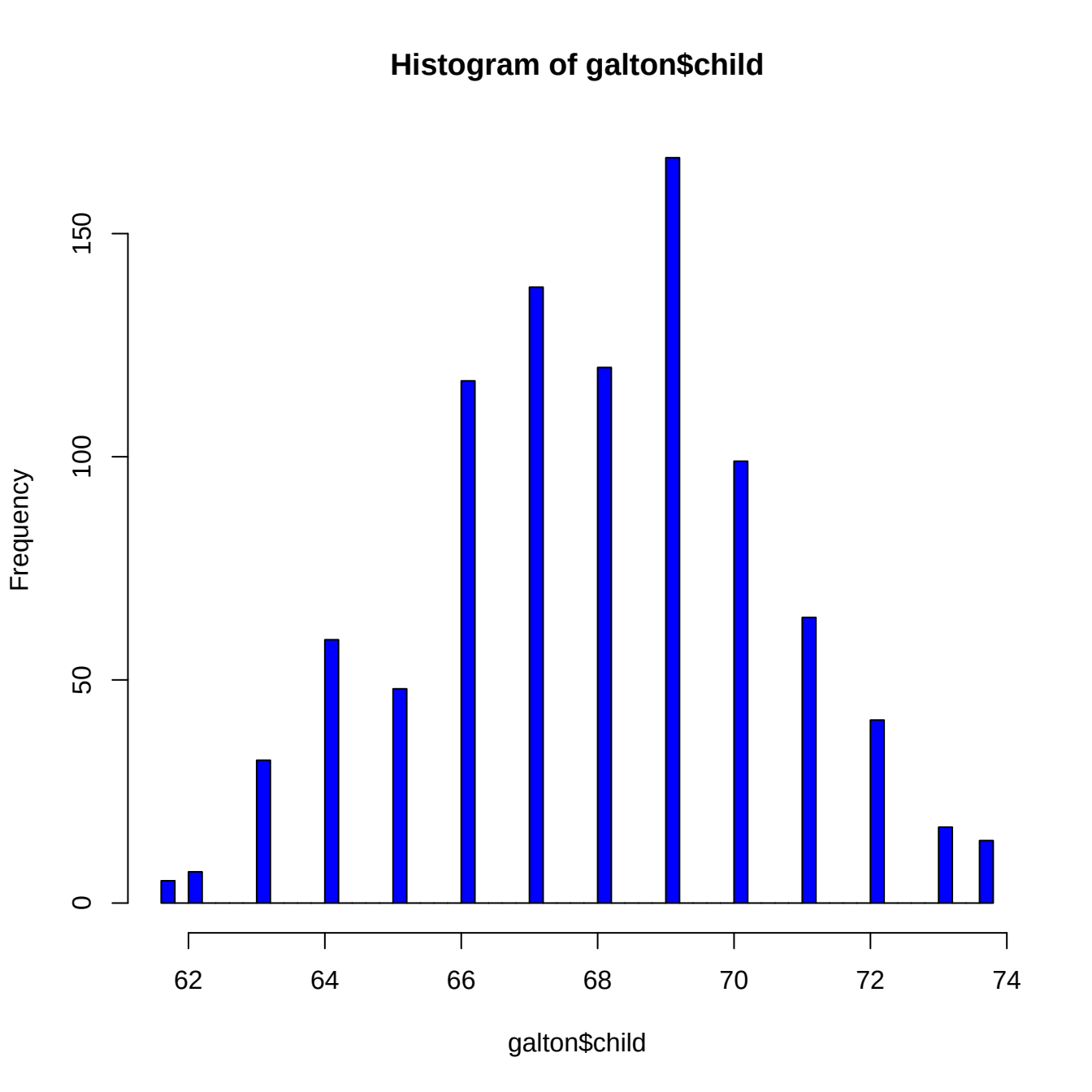
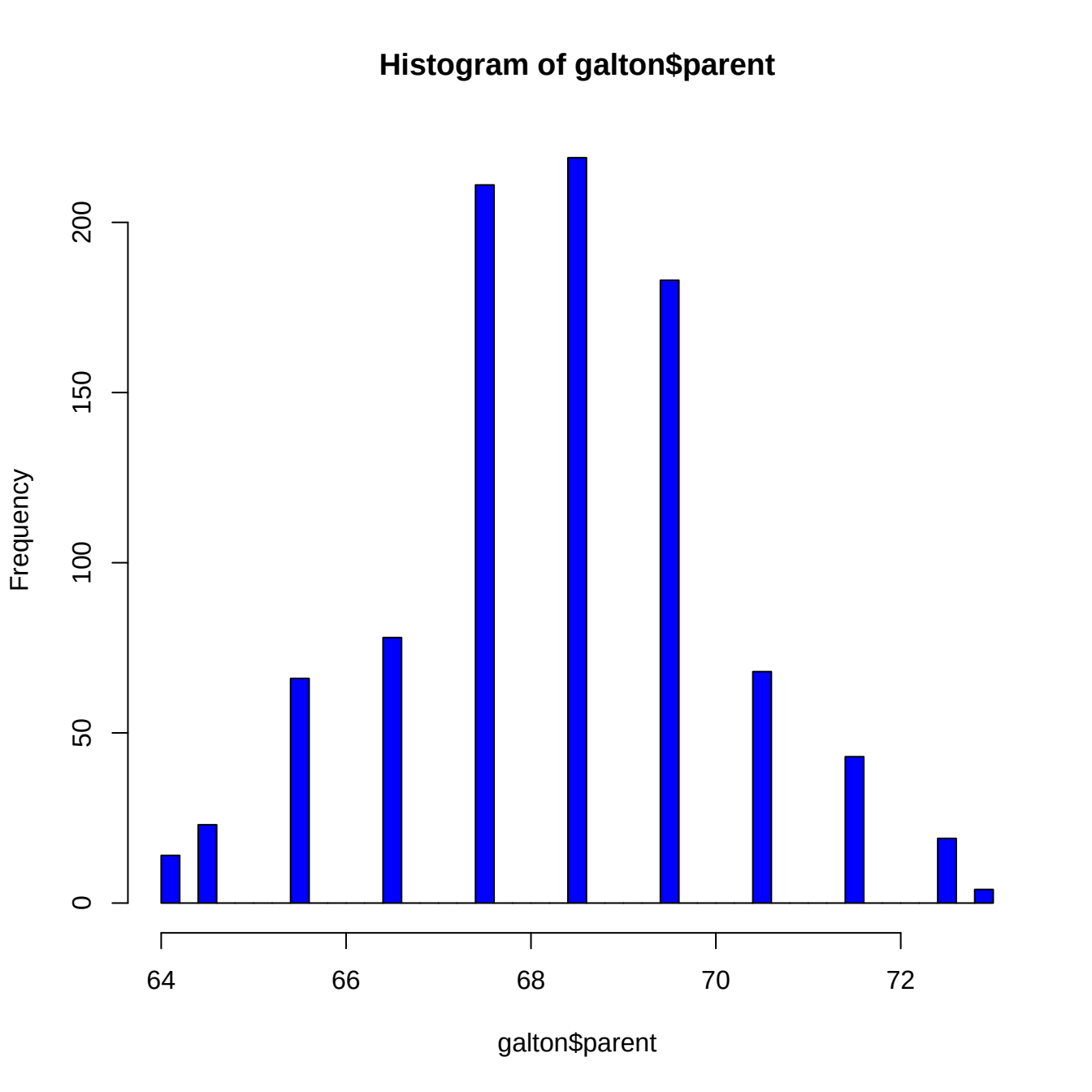
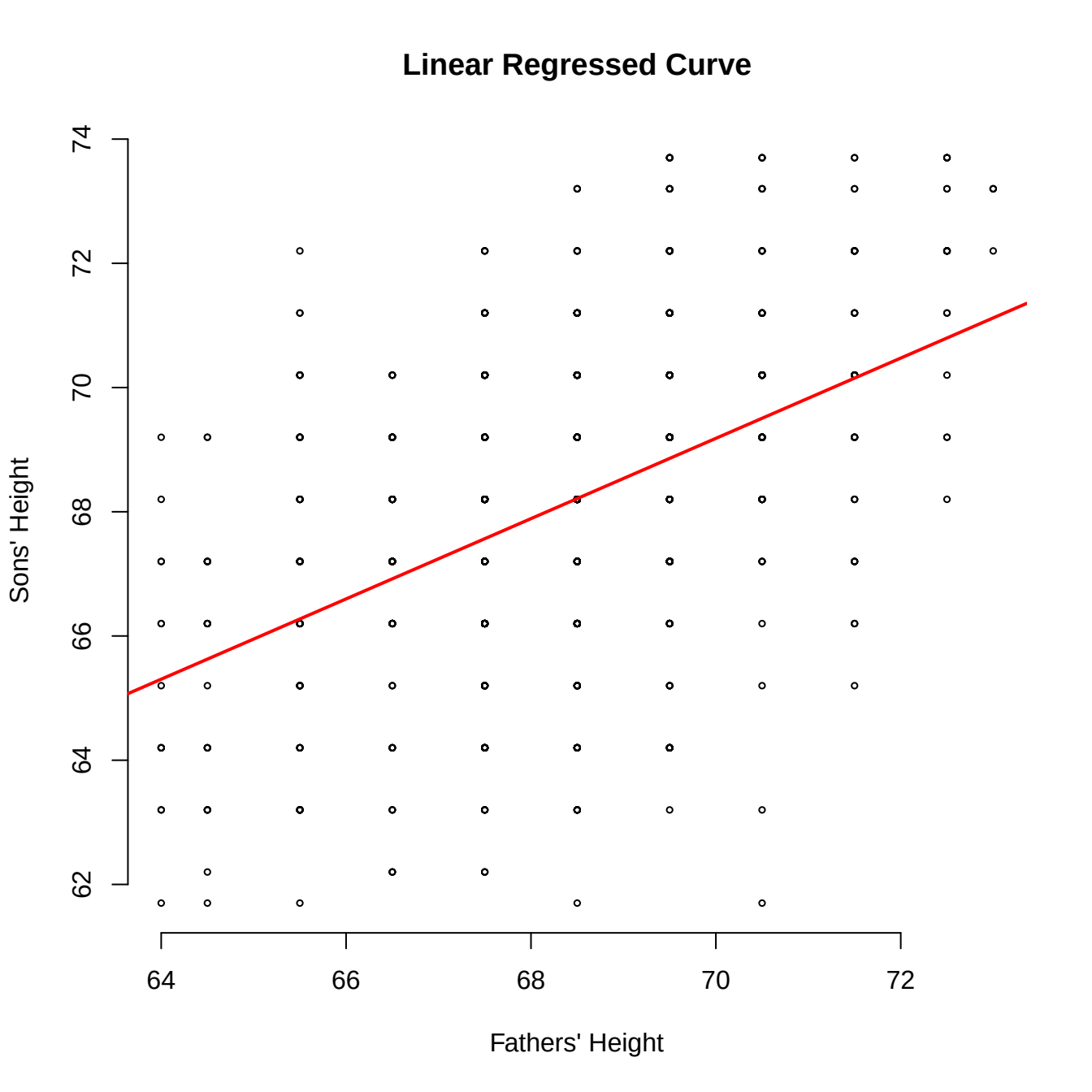
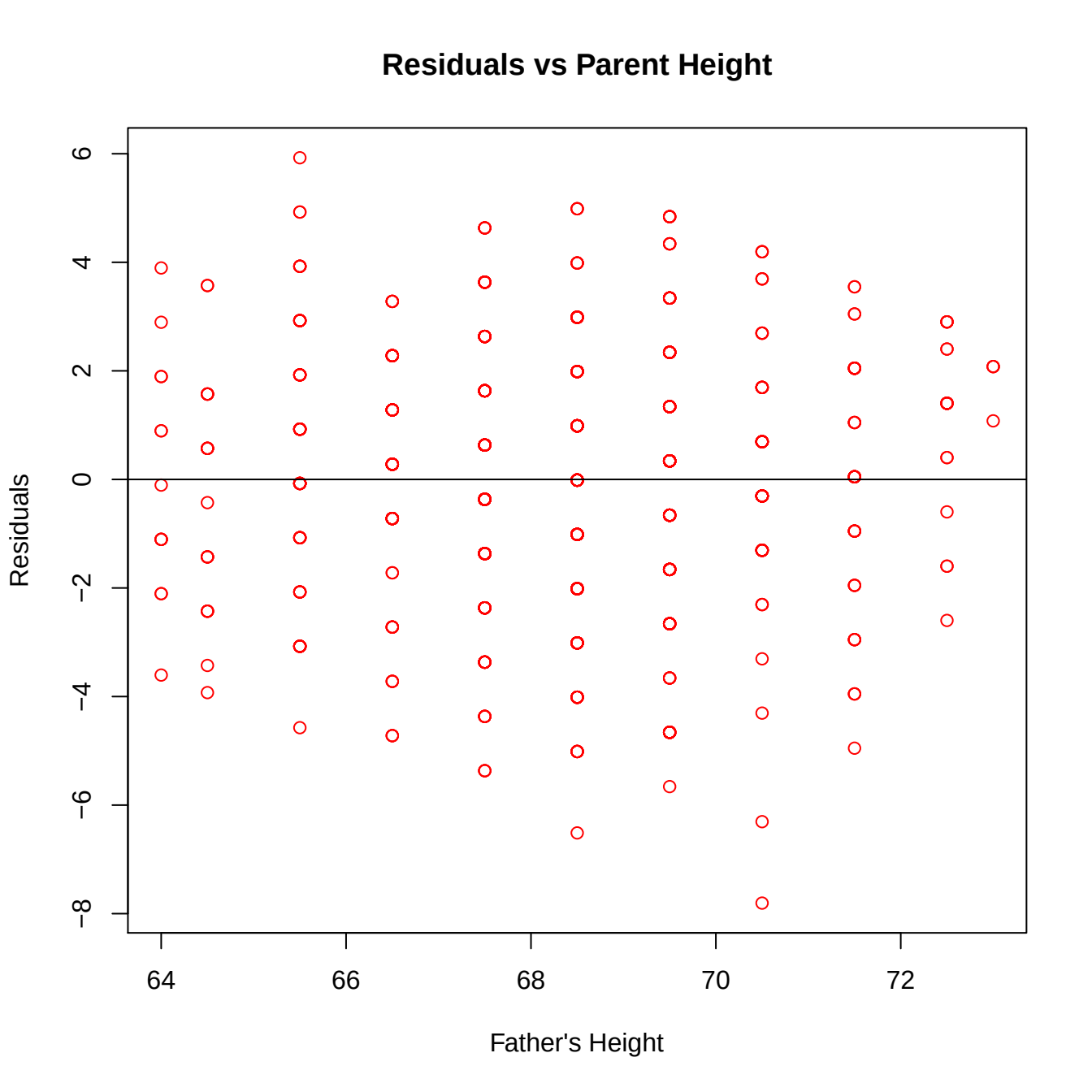
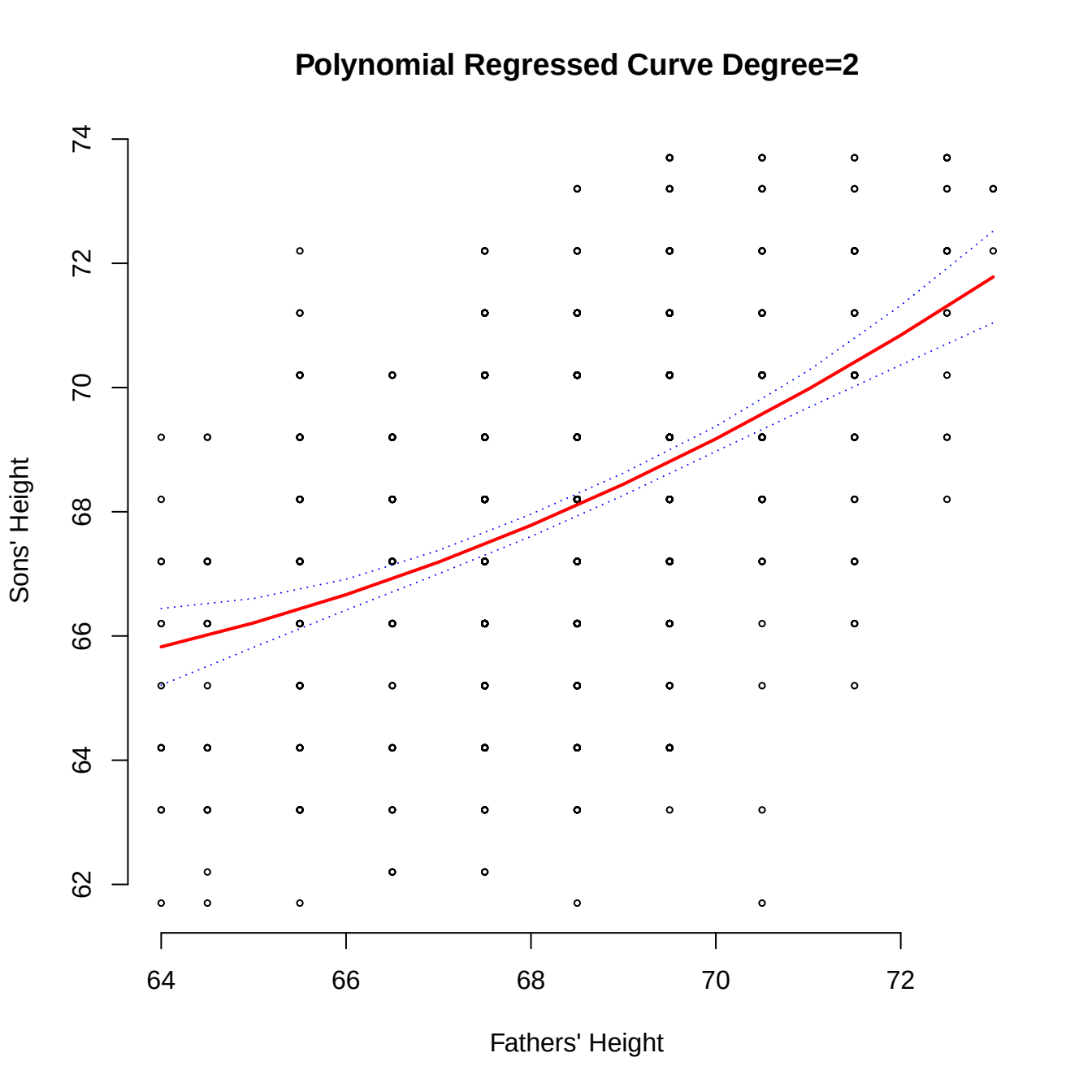

Children vs parent's height distribution
Parent's height
Child's height
62
64
66
68
70
72
74
64
66
68
70
72

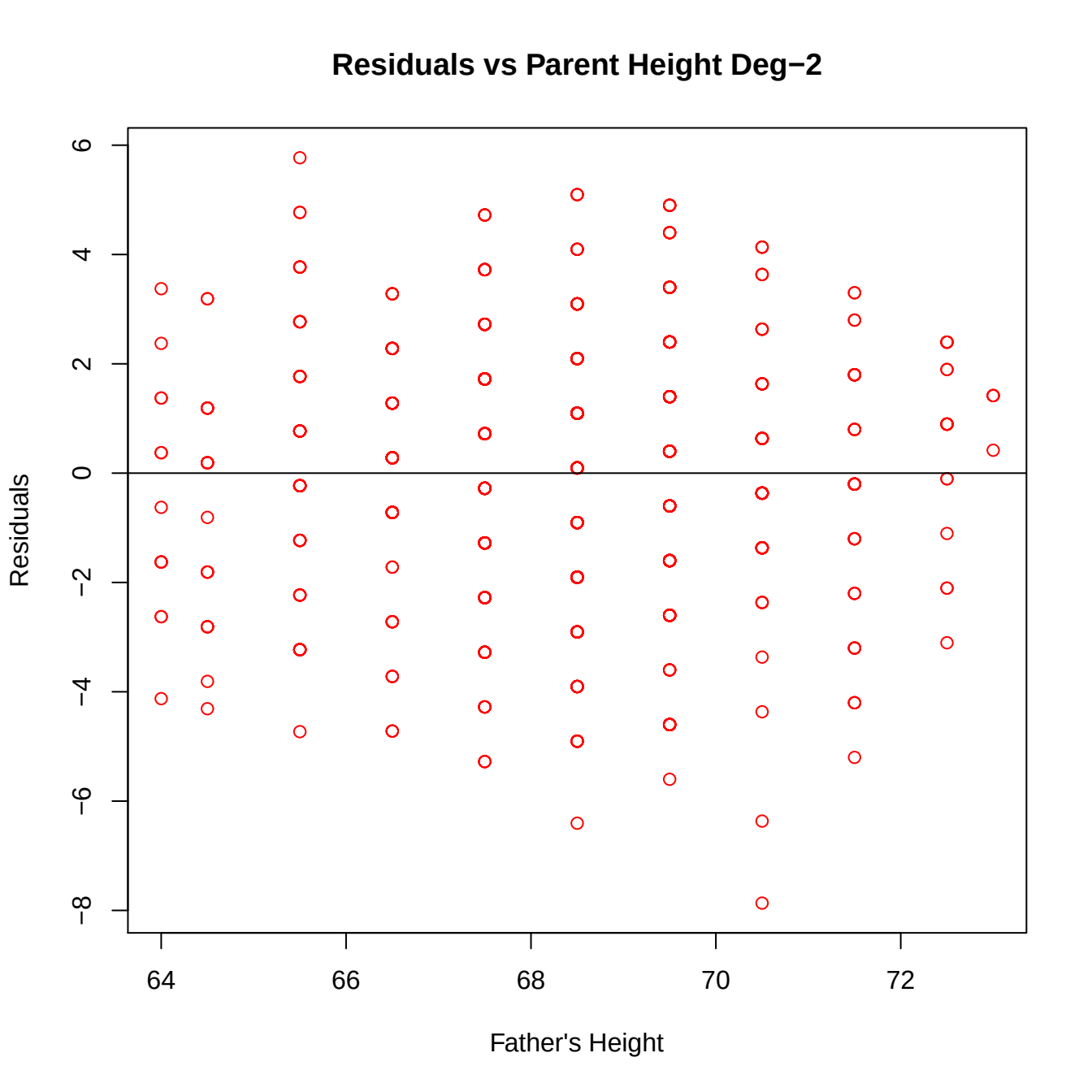

Histogram of galton$child
Frequency
0
50
100
150
62
64
66
68
70
72
74
galton$child

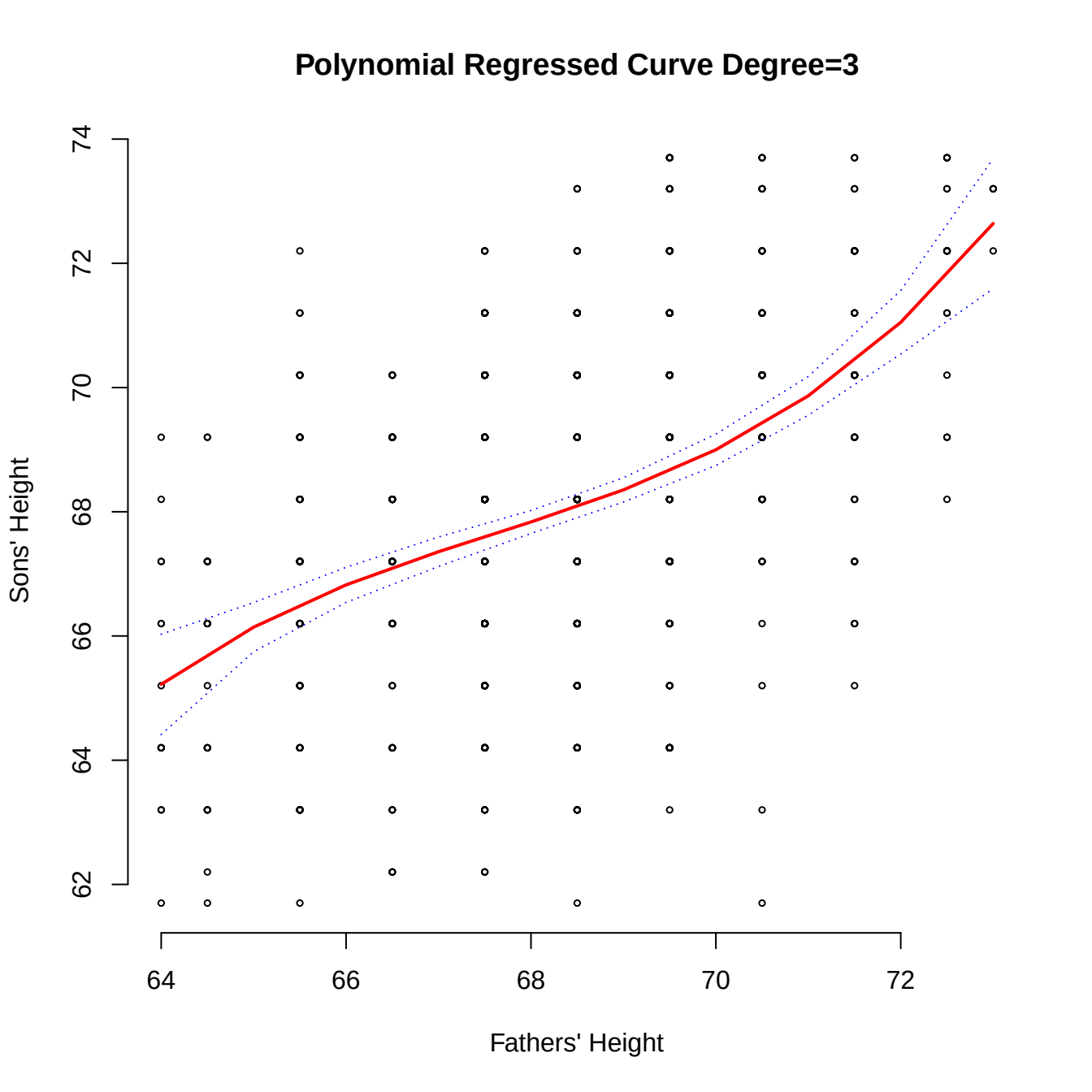

Histogram of galton$parent
Frequency
0
50
100
150
200
64
66
68
70
72
galton$parent

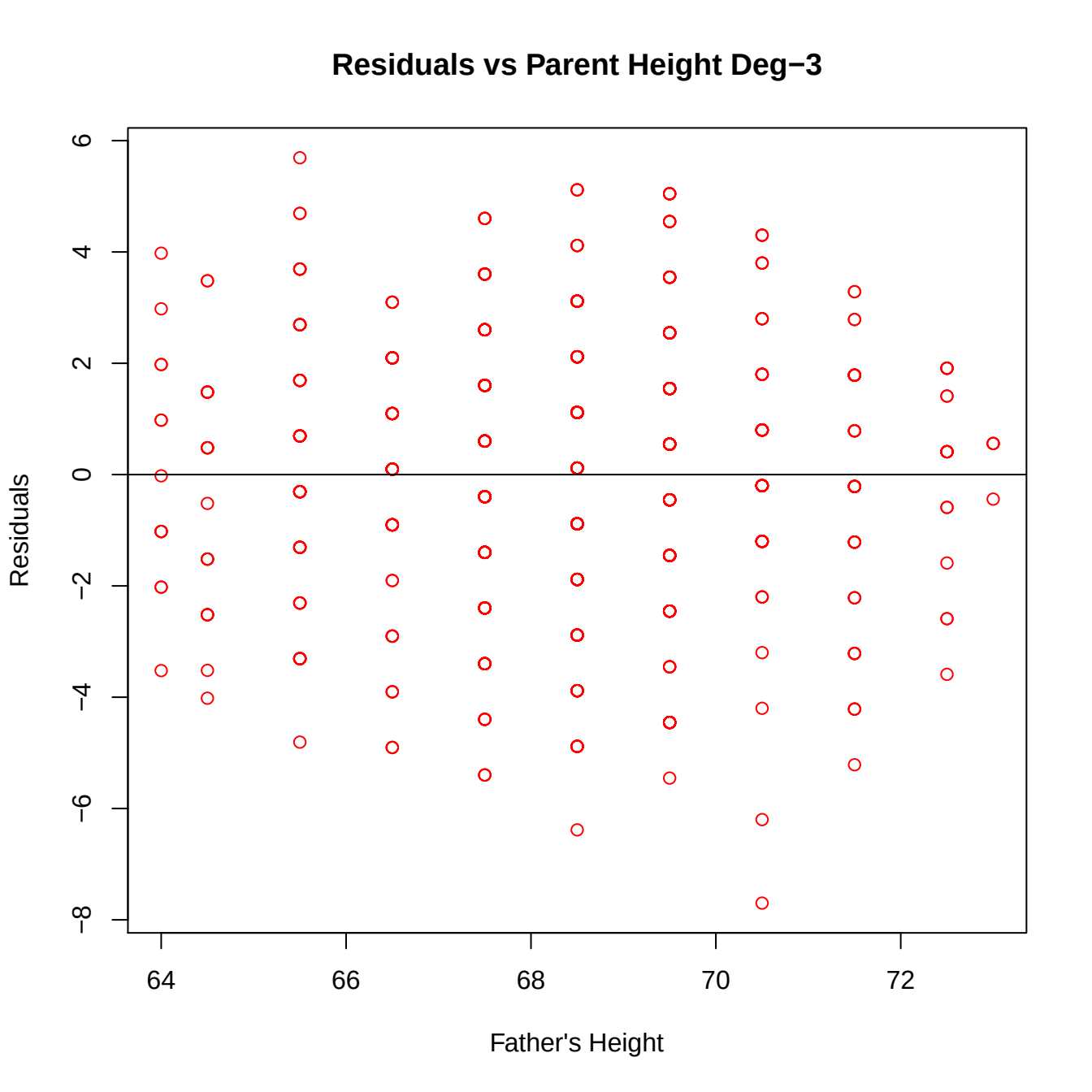

Linear Regressed Curve
Sons' Height
Fathers' Height
62
64
66
68
70
72
74
64
66
68
70
72

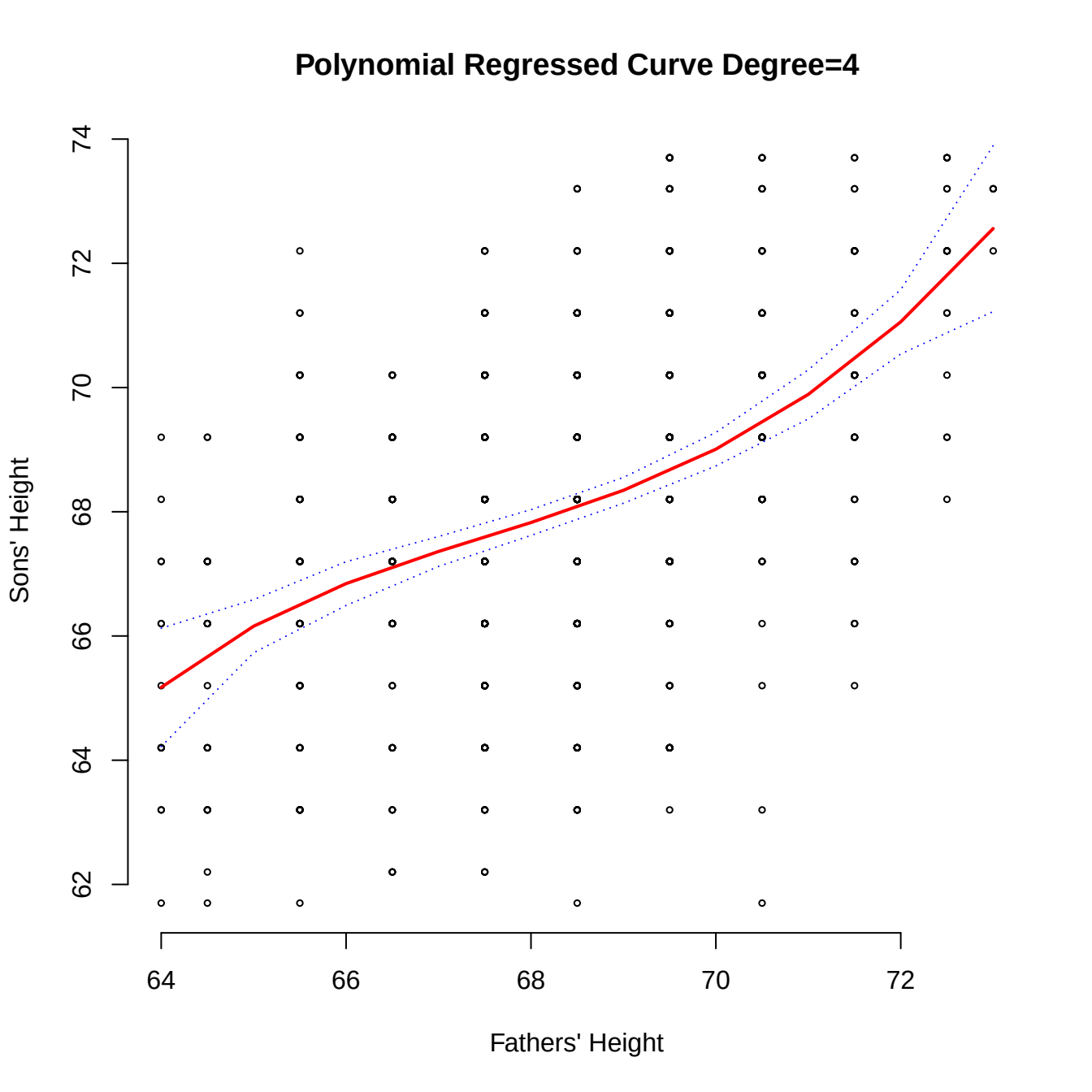

Residuals vs Parent Height
Residuals
6
4
2
0
−2
−4
−6
−8
64
66
68
70
72
Father's Height

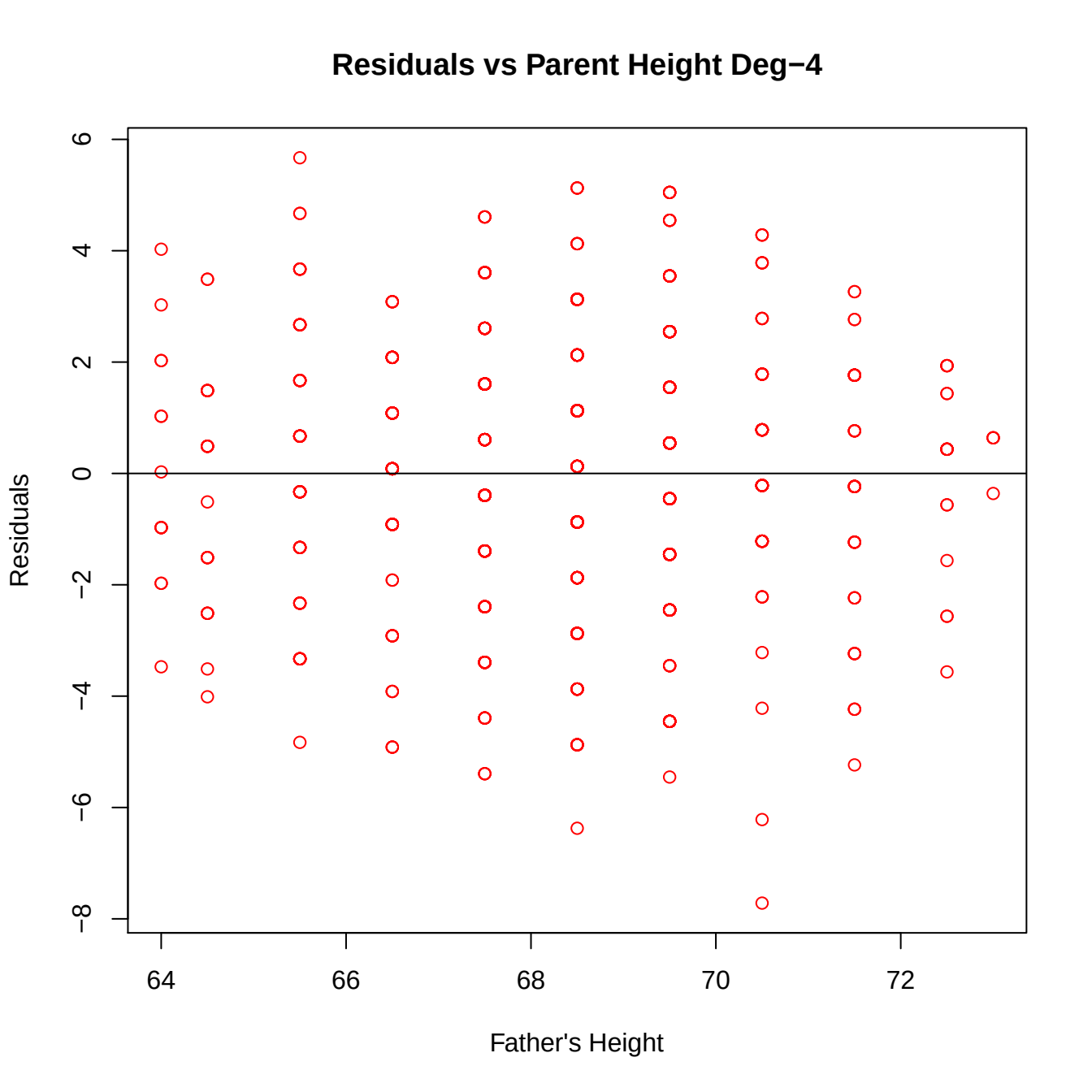

Polynomial Regressed Curve Degree=2
Sons' Height
Fathers' Height
62
64
66
68
70
72
74
64
66
68
70
72

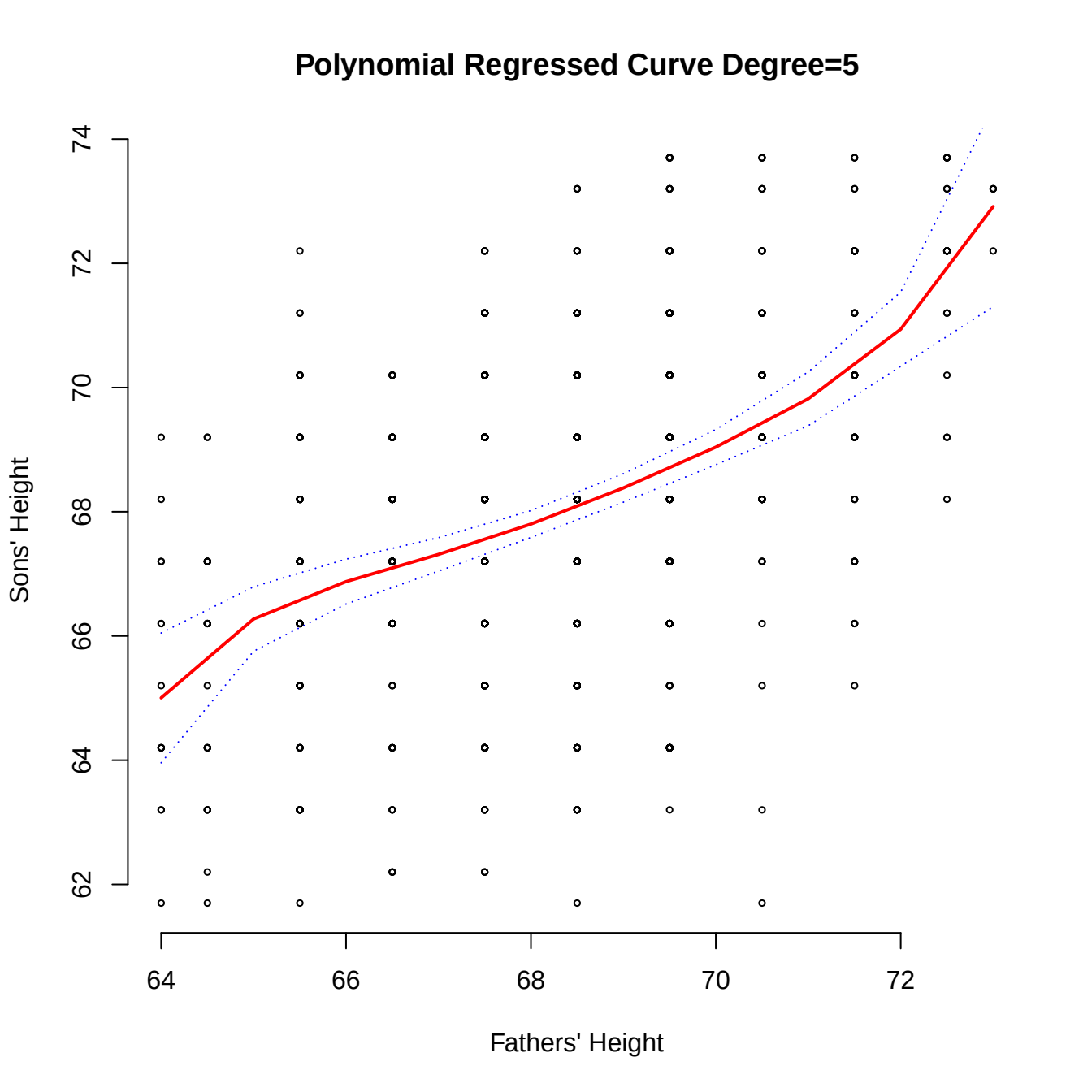

Residuals vs Parent Height Deg−2
Residuals
6
4
2
0
−2
−4
−6
−8
64
66
68
70
72
Father's Height


Polynomial Regressed Curve Degree=3
Sons' Height
Fathers' Height
62
64
66
68
70
72
74
64
66
68
70
72


Residuals vs Parent Height Deg−3
Residuals
6
4
2
0
−2
−4
−6
−8
64
66
68
70
72
Father's Height


Polynomial Regressed Curve Degree=4
Sons' Height
Fathers' Height
62
64
66
68
70
72
74
64
66
68
70
72


Residuals vs Parent Height Deg−4
Residuals
6
4
2
0
−2
−4
−6
−8
64
66
68
70
72
Father's Height


Polynomial Regressed Curve Degree=5
Sons' Height
Fathers' Height
62
64
66
68
70
72
74
64
66
68
70
72