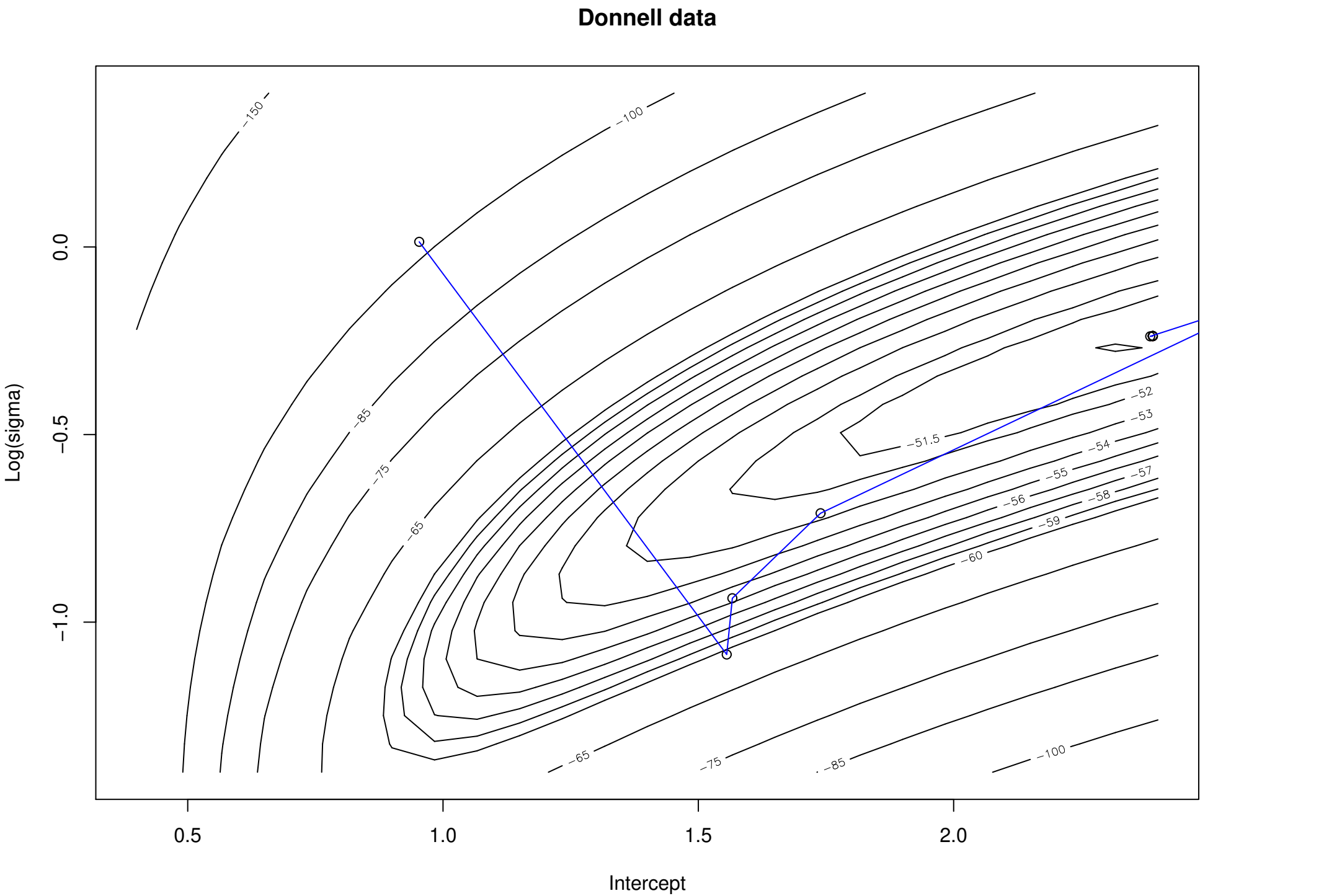
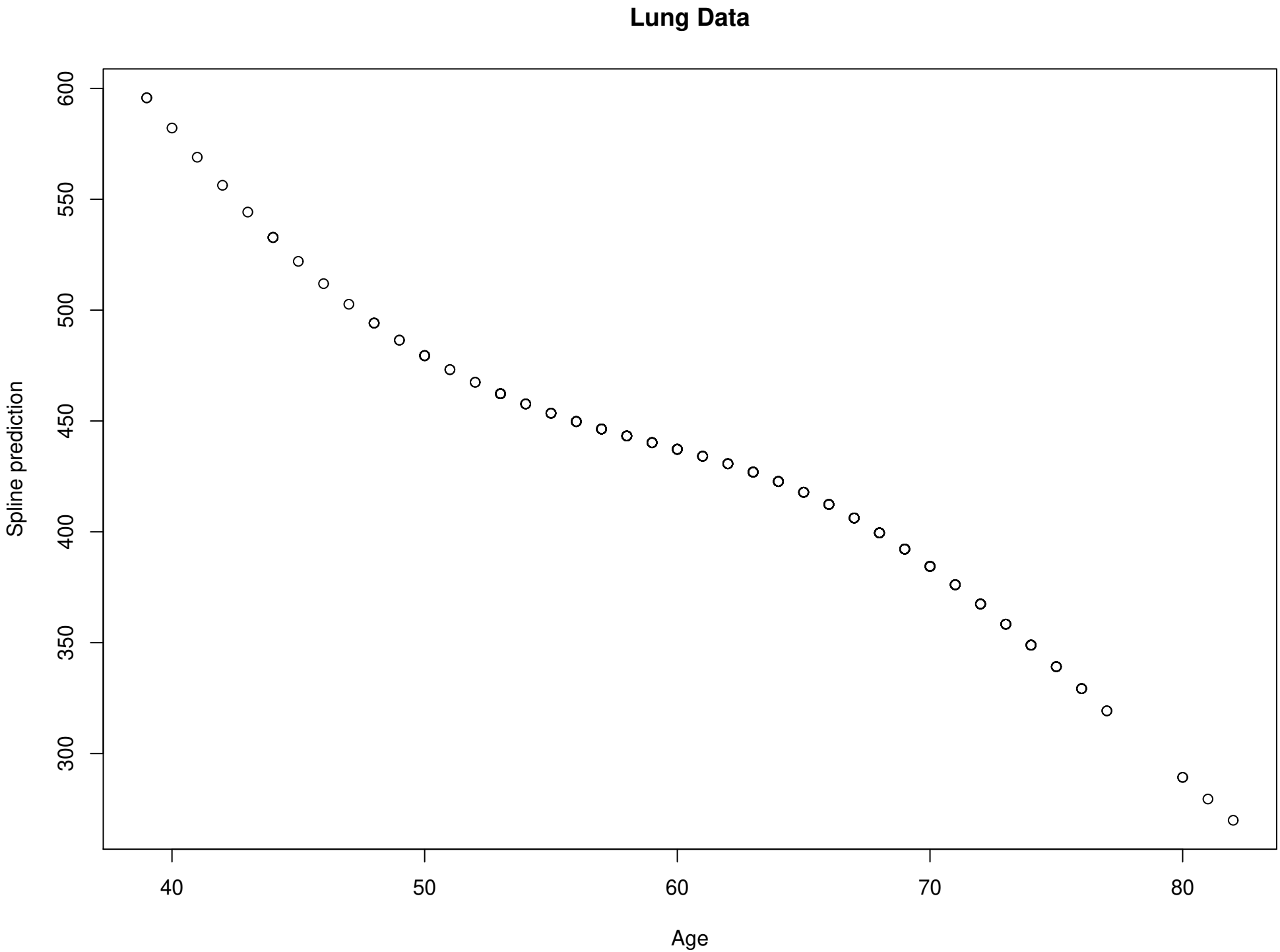
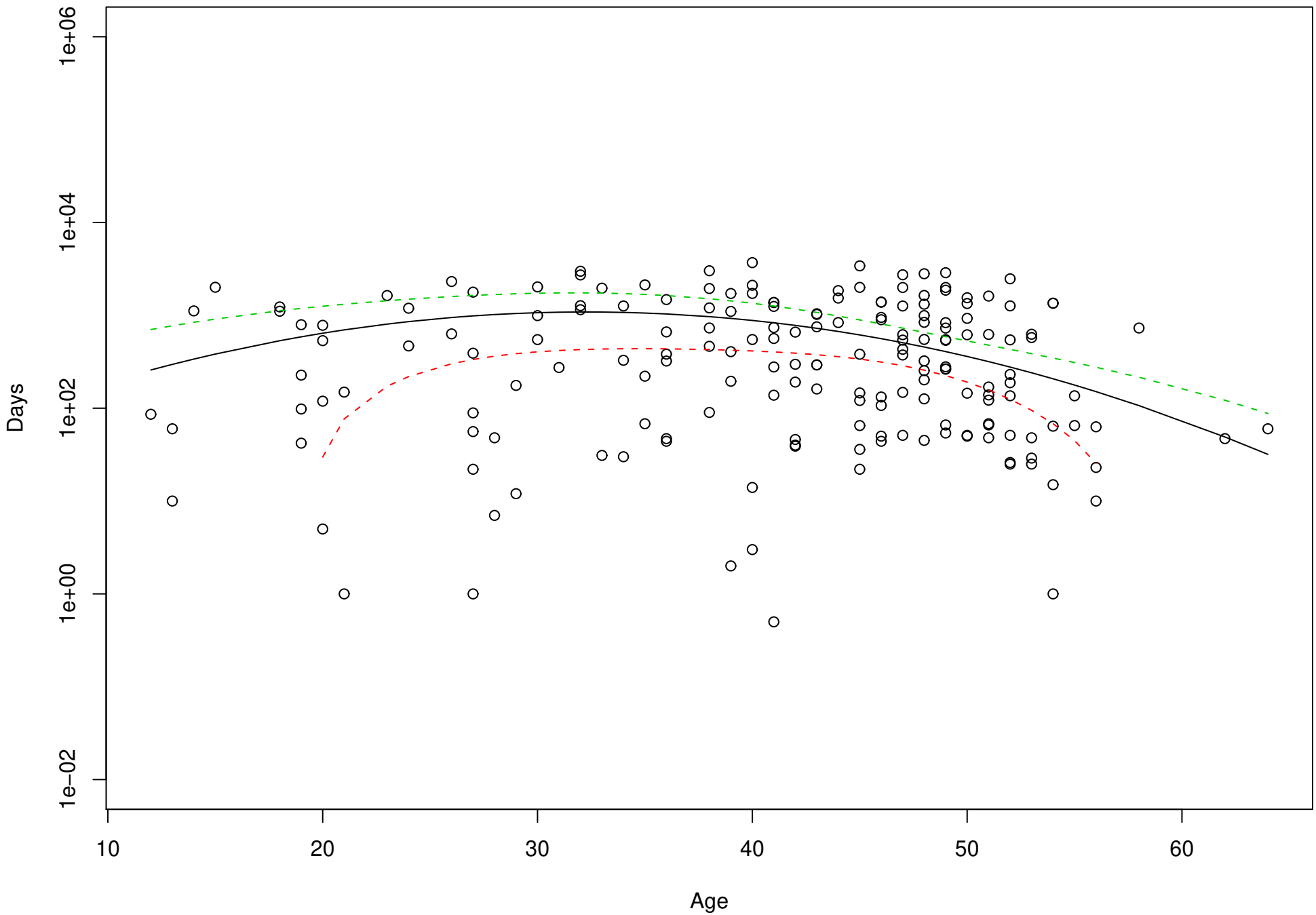
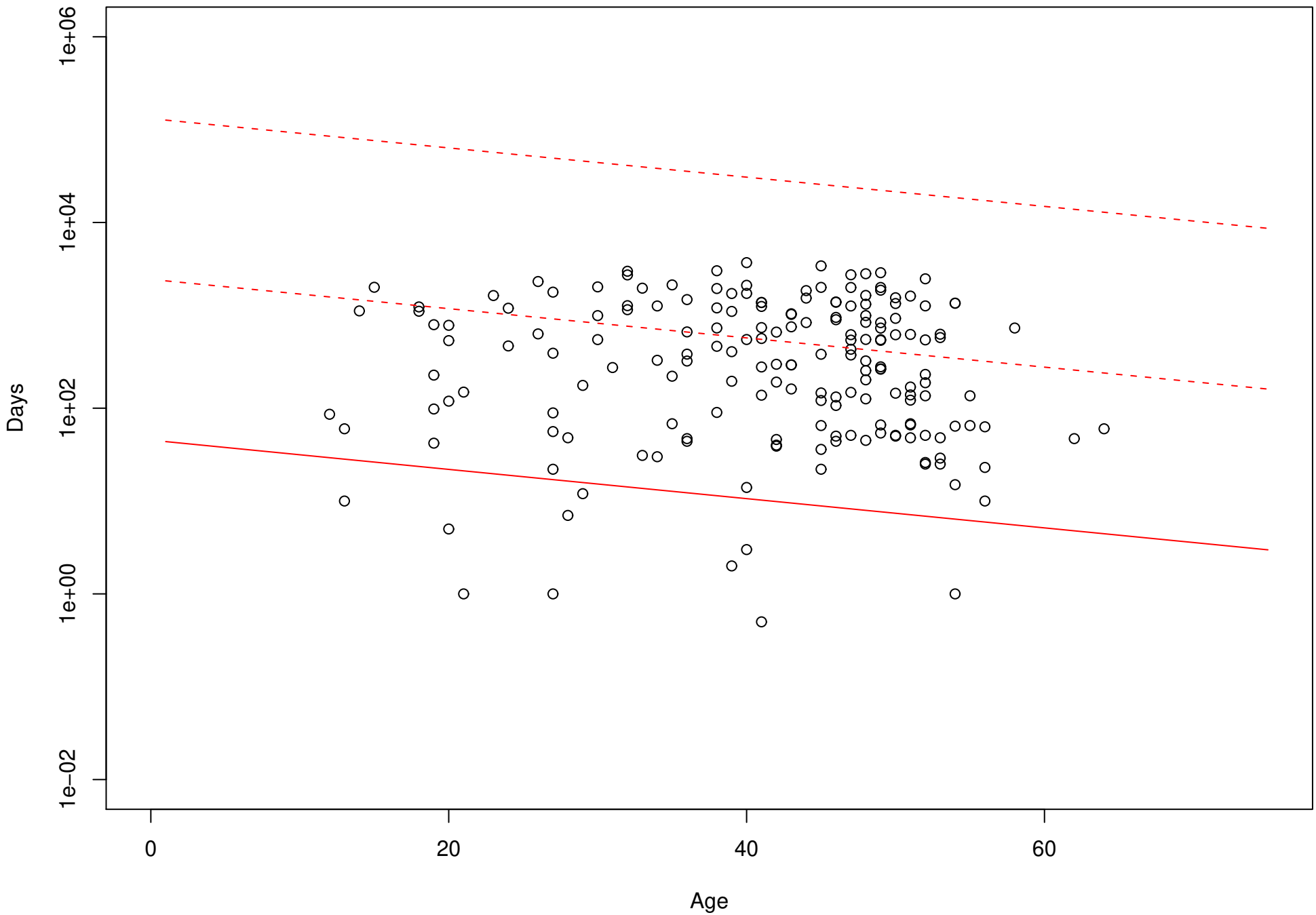
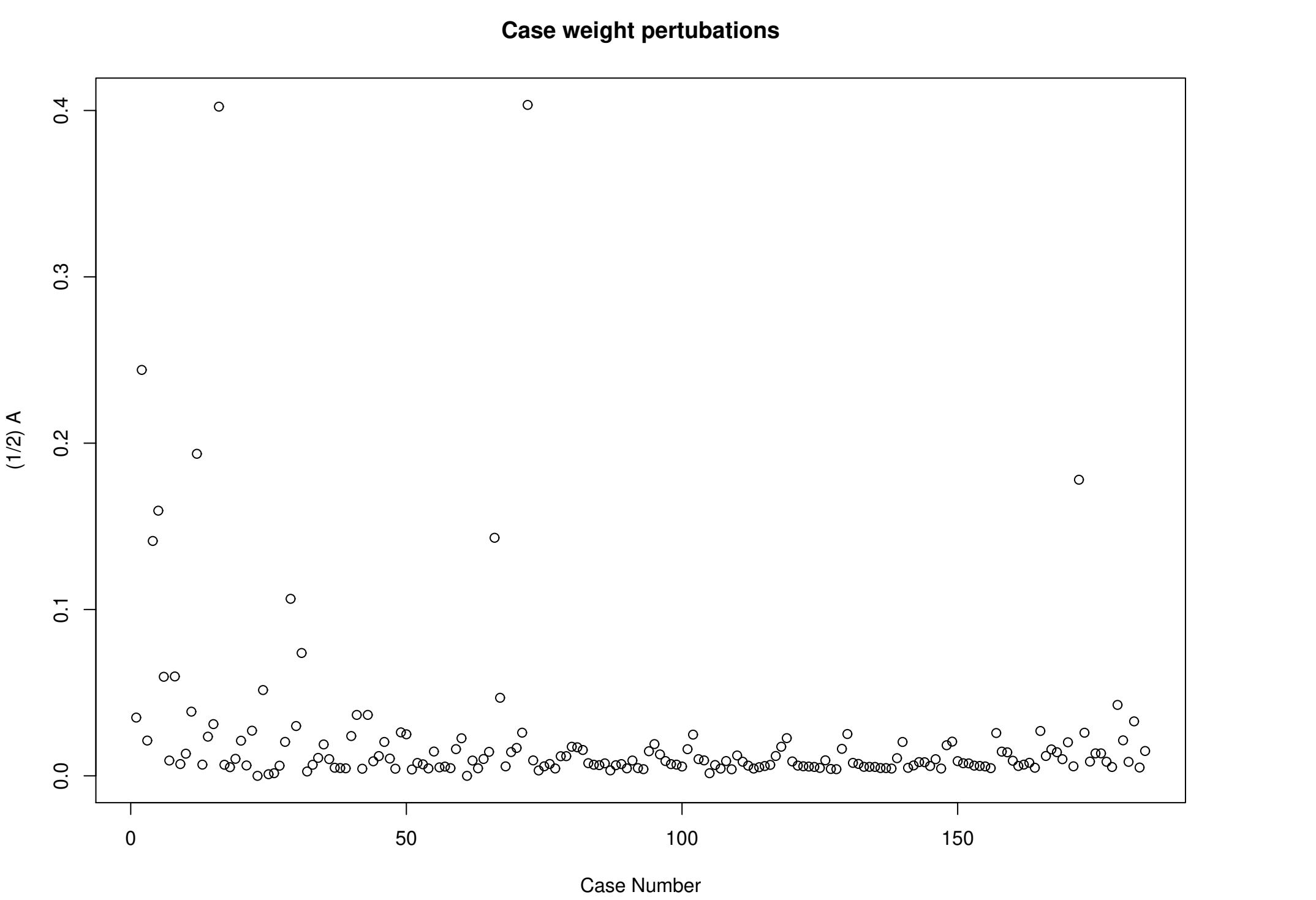
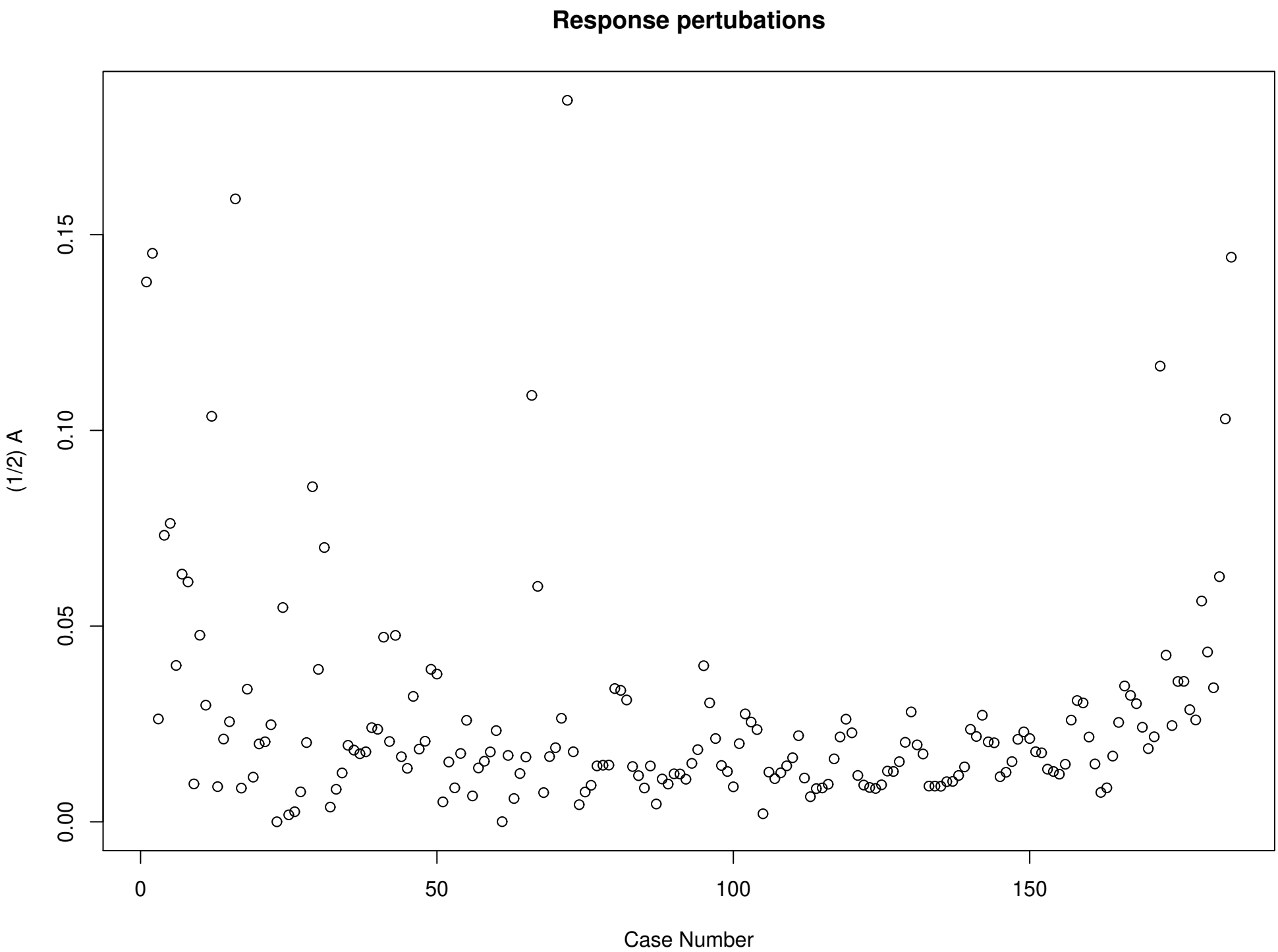

Donnell data
Log(sigma)
Intercept
0.0
−0.5
−1.0
0.5
1.0
1.5
2.0
−150
−100
−85
−75
−65
−51.5
−52
−53
−54
−55
−56
−57
−58
−59
−60

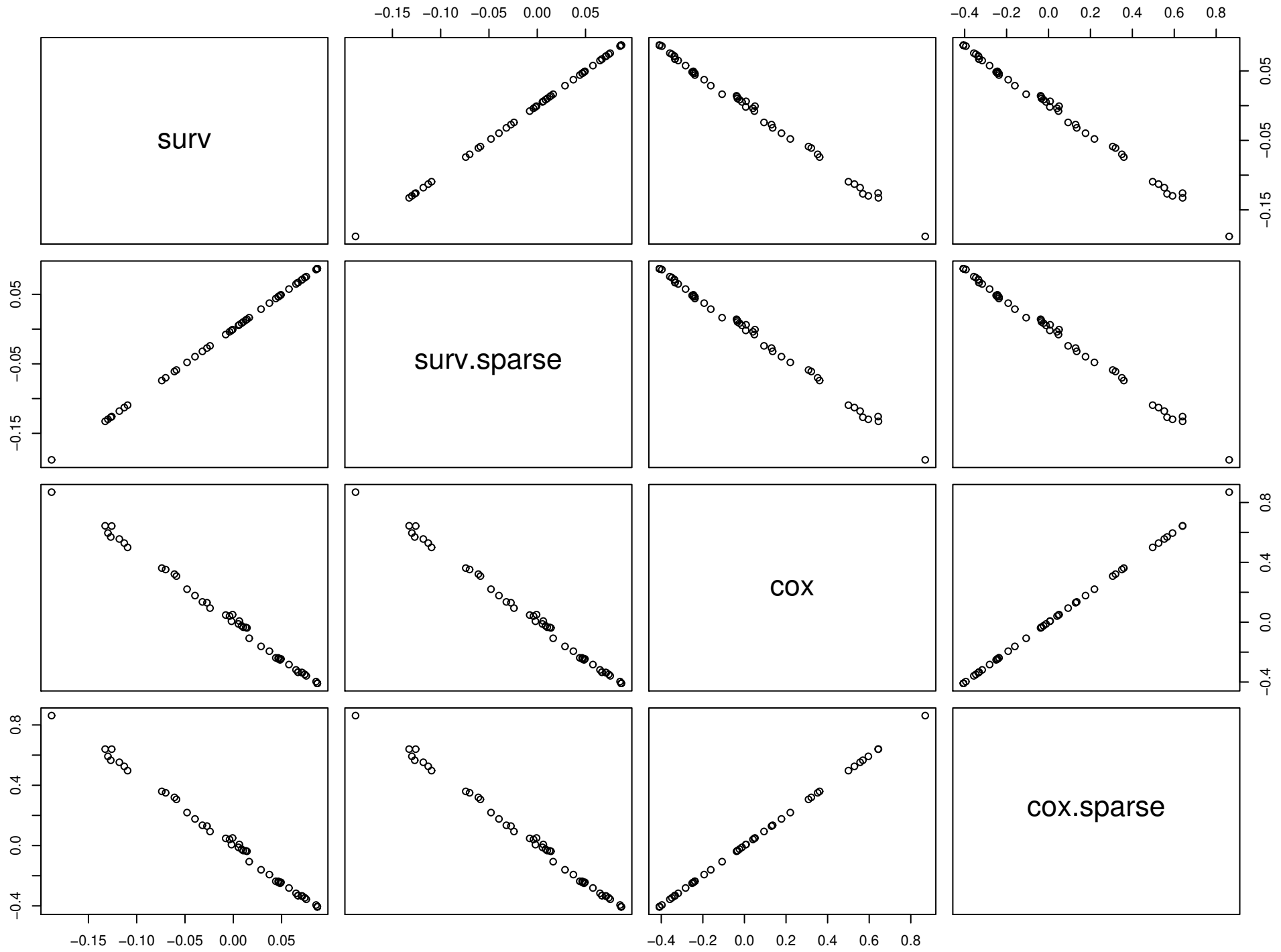

Lung Data
Spline prediction
600
550
500
450
400
350
300
40
50
60
70
80
Age

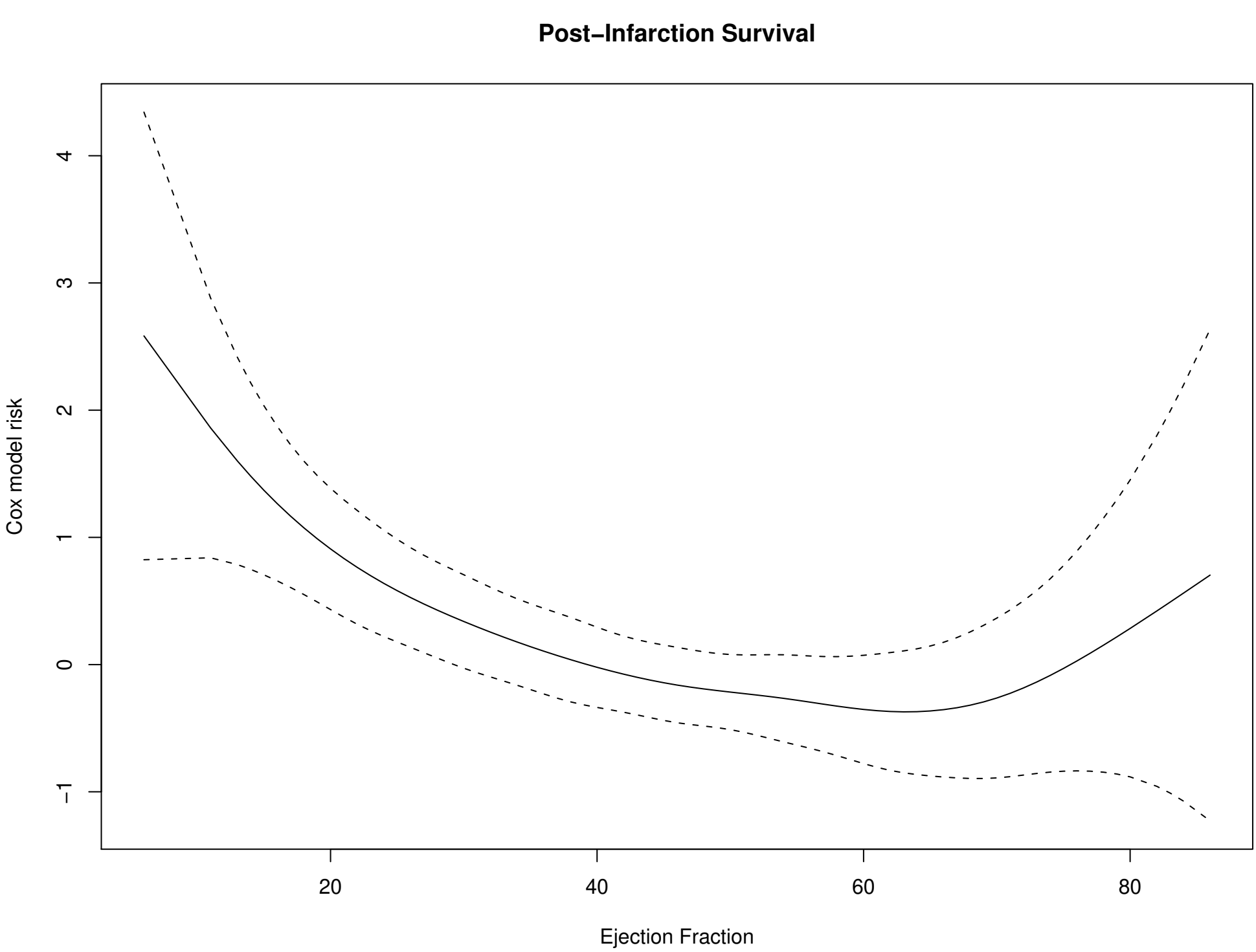

Days
1e+06
1e+04
1e+02
1e+00
1e−02
10
20
30
40
50
60
Age

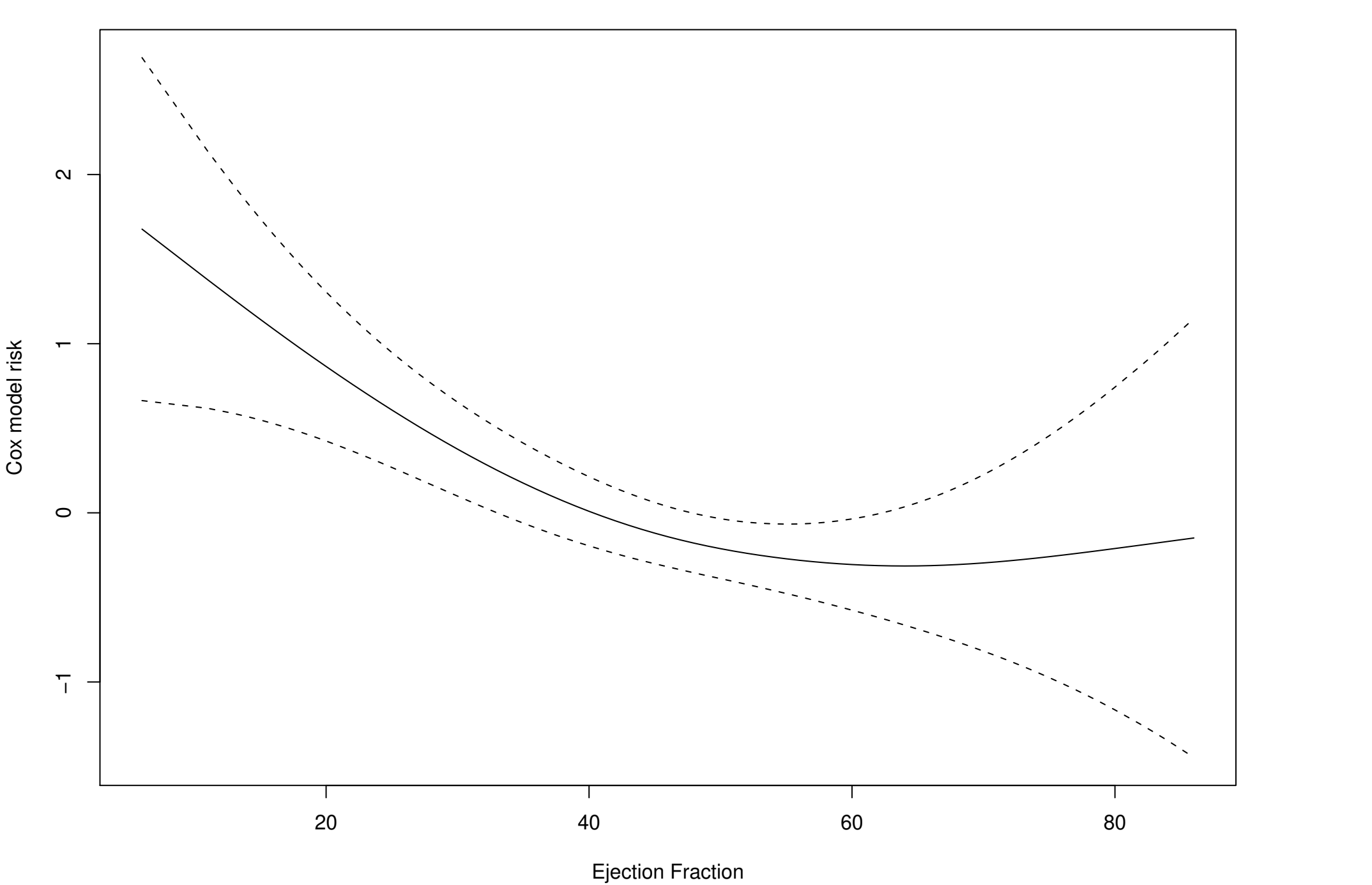

Days
1e+06
1e+04
1e+02
1e+00
1e−02
0
20
40
60
Age

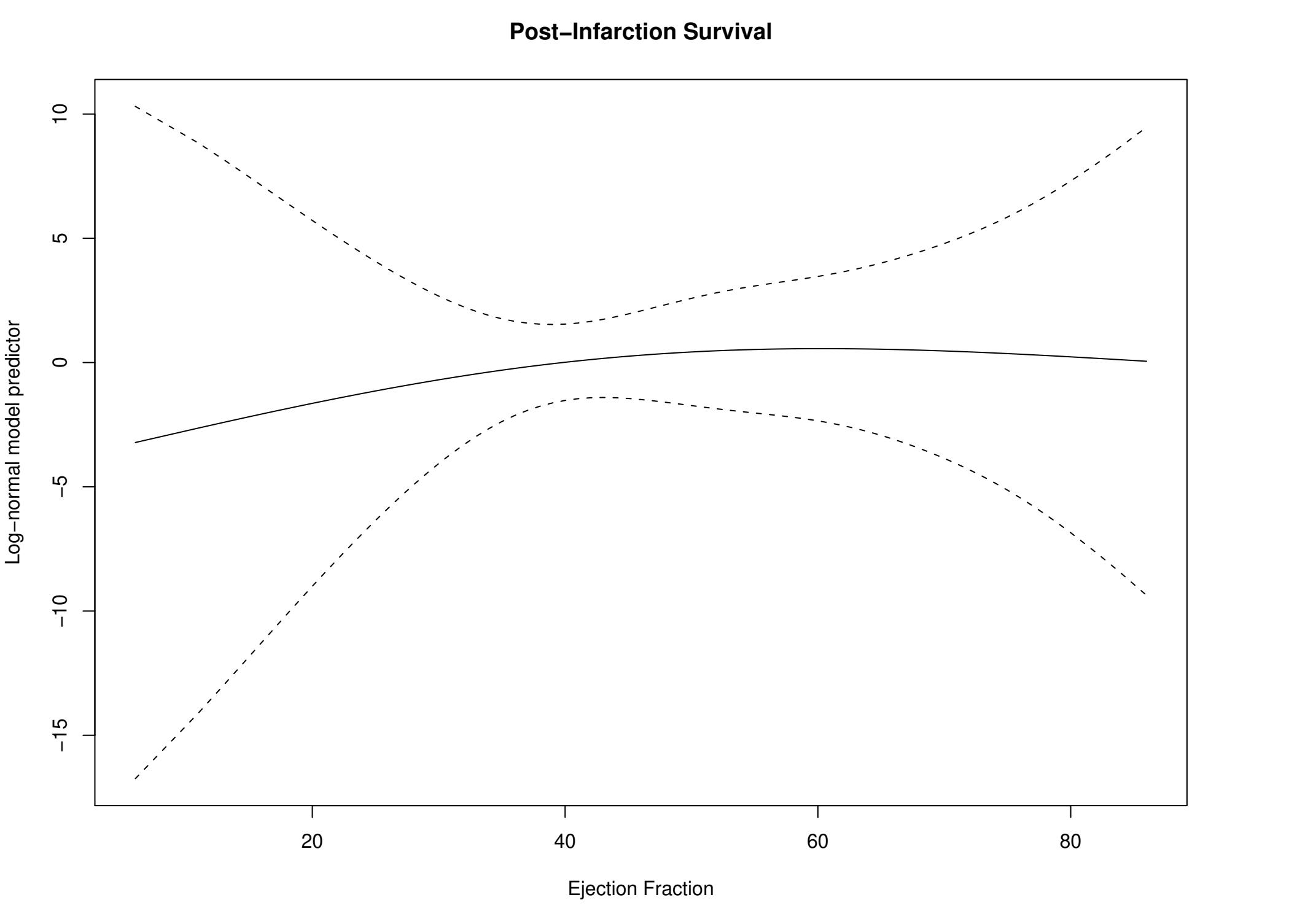

Case weight pertubations
(1/2) A
0.0
0.1
0.2
0.3
0.4
0
50
100
150
Case Number


Response pertubations
(1/2) A
0.00
0.05
0.10
0.15
0
50
100
150
Case Number


surv
surv.sparse
cox
cox.sparse
−0.15 −0.10 −0.05 0.00 0.05
−0.4 −0.2 0.0 0.2 0.4 0.6 0.8


Post−Infarction Survival
Cox model risk
4
3
2
1
0
−1
20
40
60
80
Ejection Fraction


Post−Infarction Survival, AIC
Cox model risk
2
1
0
−1
20
40
60
80
Ejection Fraction


Post−Infarction Survival
Log−normal model predictor
10
5
0
−5
−10
−15
20
40
60
80
Ejection Fraction