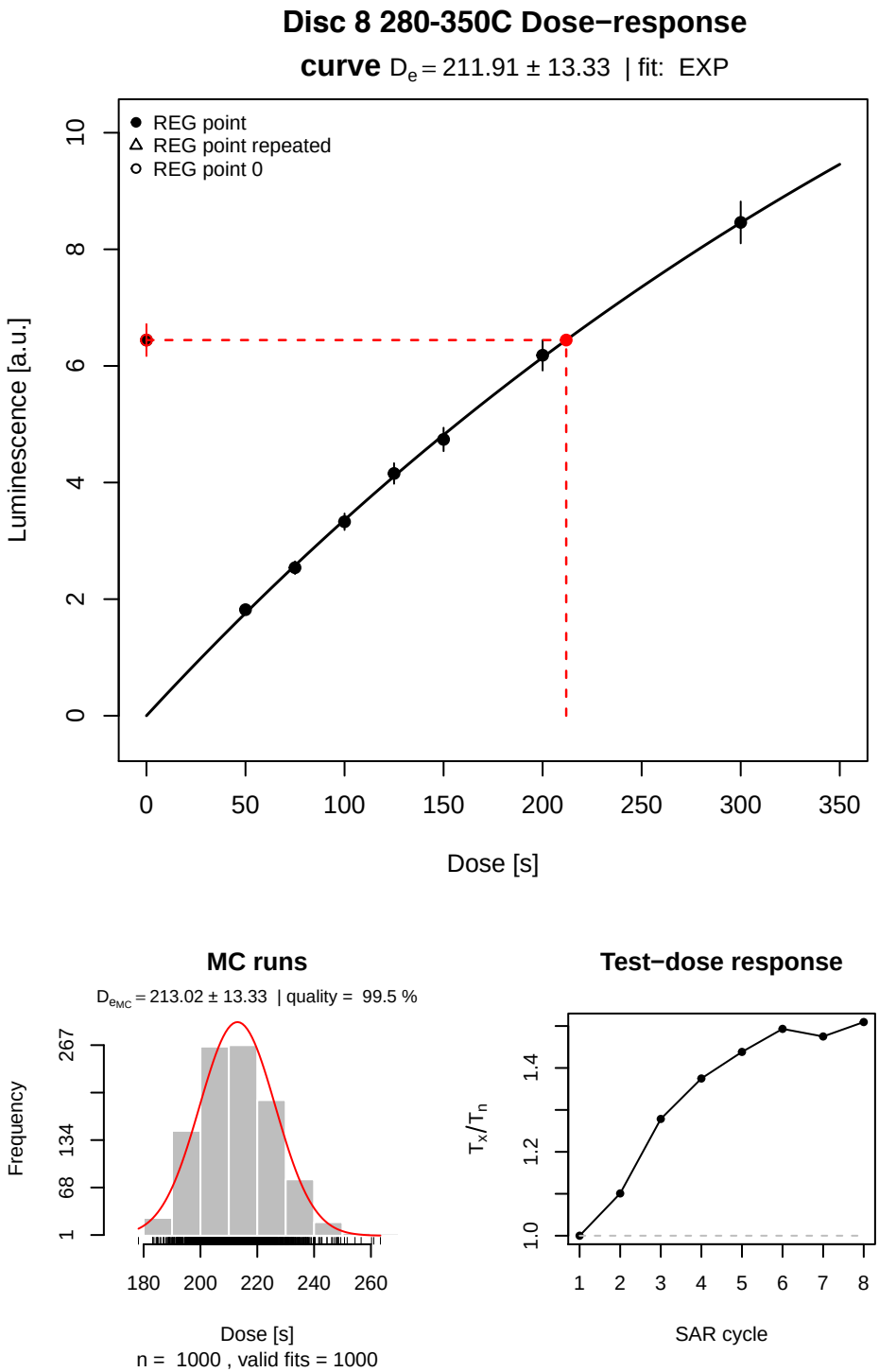
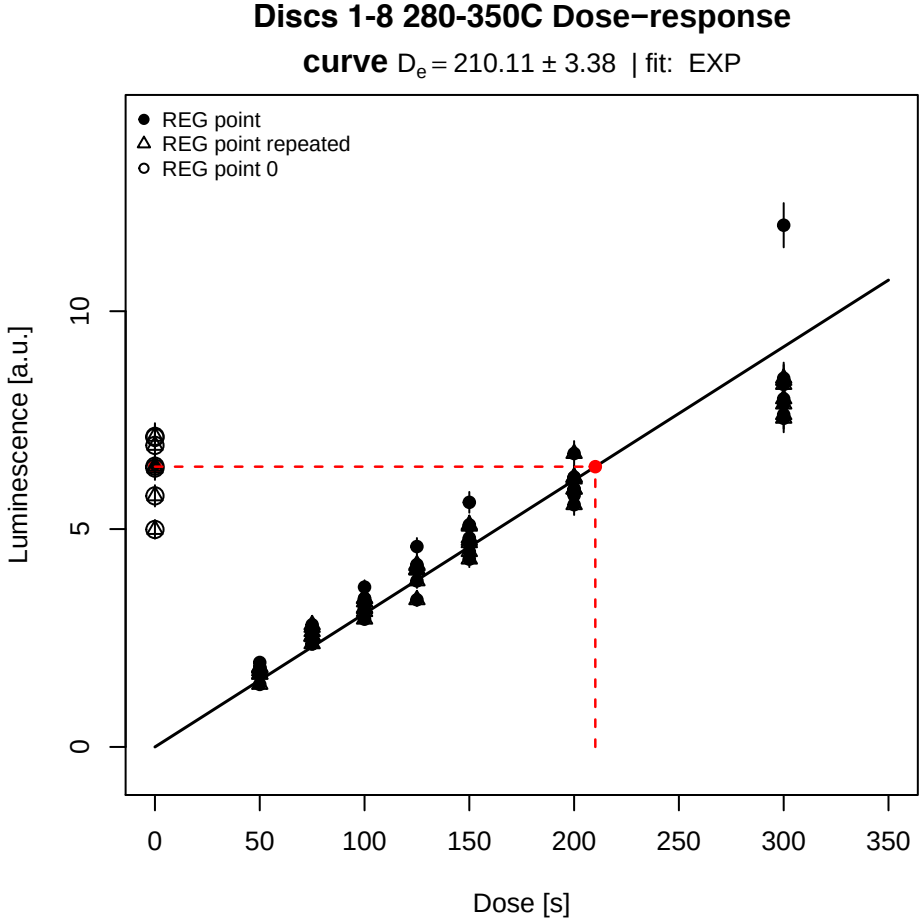
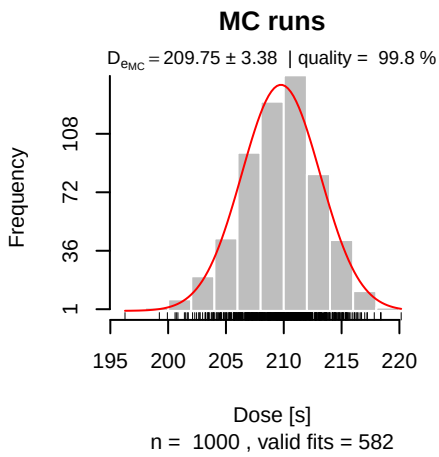
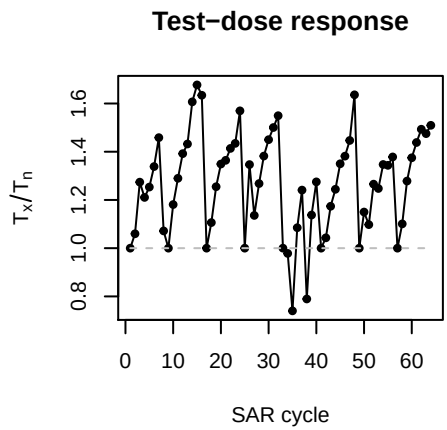

Disc 8 280-350C Dose−response
curve De = 211.91 ± 13.33 | fit: EXP
REG point
REG point repeated
REG point 0
Luminescence [a.u.]
0
2
4
6
8
10
0
50
100
150
200
250
300
350
Dose [s]
MC runs
DeMC = 213.02 ± 13.33 | quality = 99.5 %
Frequency
1
68
134
267
180
200
220
240
260
Dose [s]
n = 1000 , valid fits = 1000
Test−dose response
Tx/Tn
1.0
1.2
1.4
1
2
3
4
5
6
7
8
SAR cycle


Discs 1-8 280-350C Dose−response
curve D_e = 210.11 ± 3.38 | fit: EXP
REG point
REG point repeated
REG point 0
Luminescence [a.u.]
0
5
10
0
50
100
150
200
250
300
350
Dose [s]

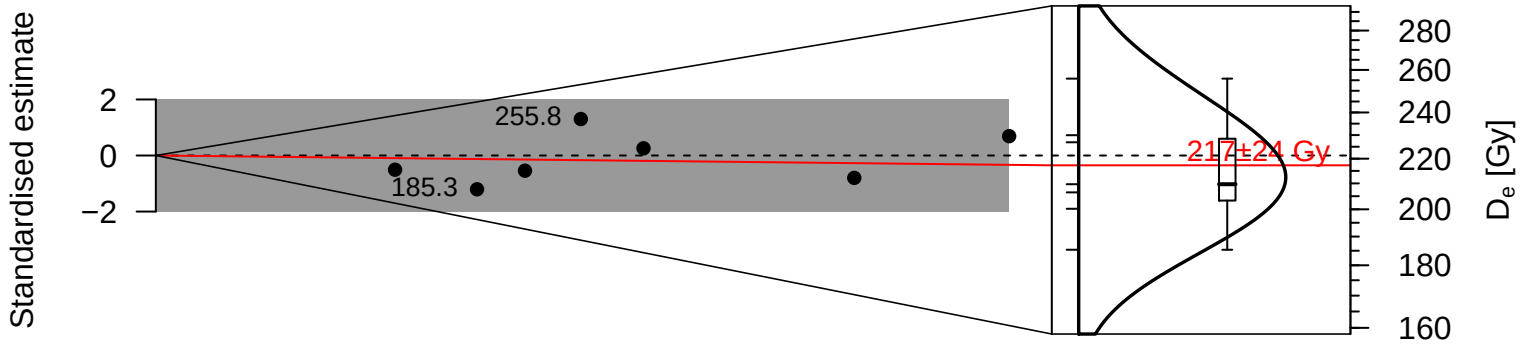

MC runs
D_{eMC} = 209.75 ± 3.38 | quality = 99.8 %
Frequency
1
36
72
108
195
200
205
210
215
220
Dose [s]
n = 1000 , valid fits = 582

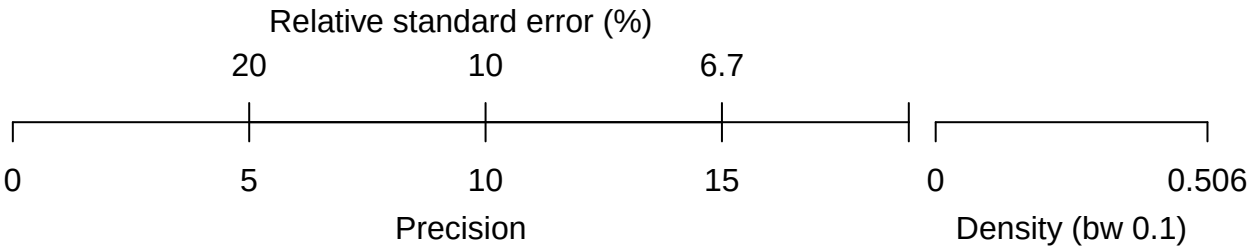

Test−dose response
T_x/T_n
0.8
1.0
1.2
1.4
1.6
0
10
20
30
40
50
60
SAR cycle

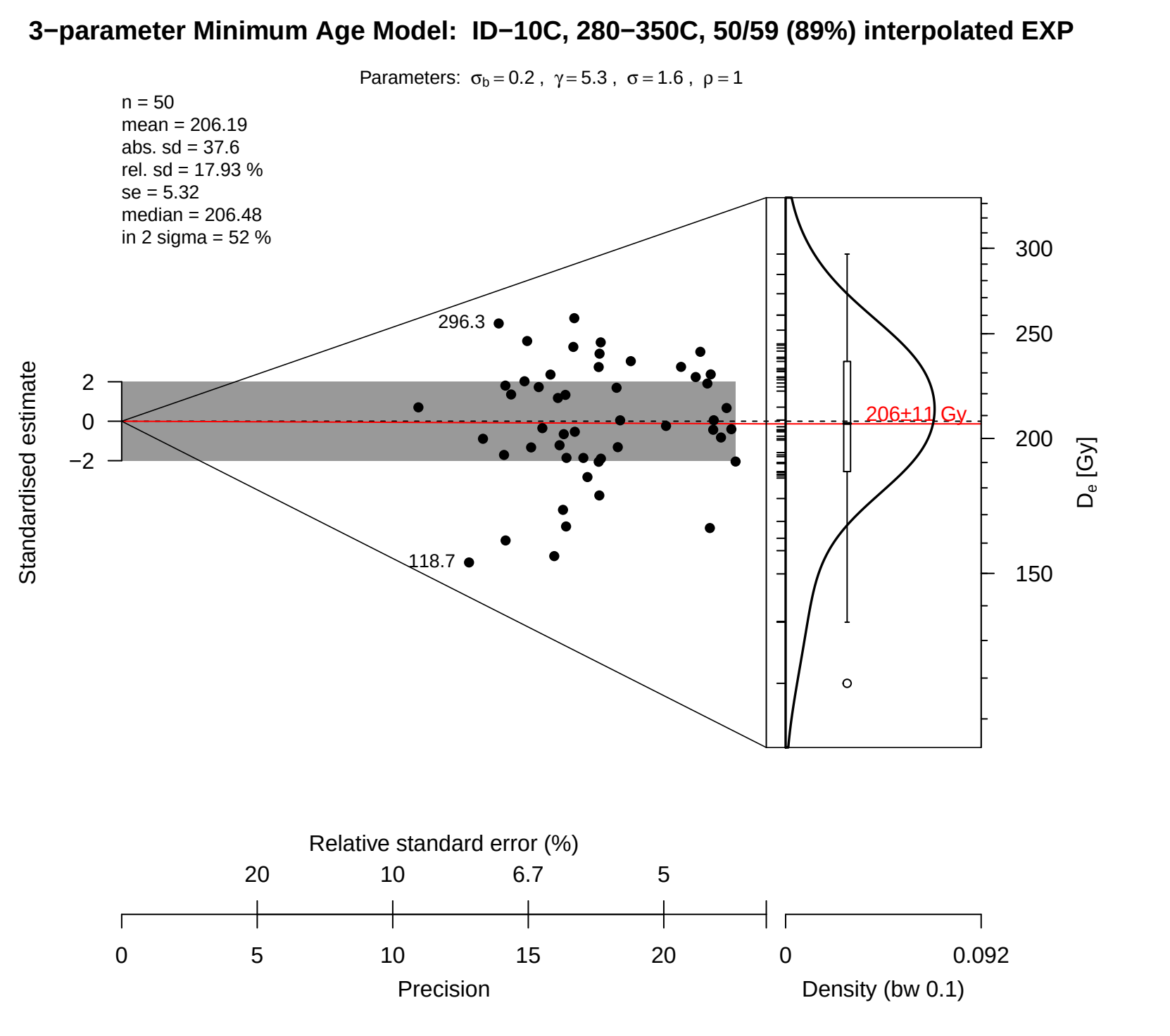
3−par. MAM: 8DM 280−350 C, interpolated EXP

Parameters: $\sigma_b = 0.2$, $\gamma = 5.4$, $\sigma = 1.6$, $\rho = 1$

n = 7
mean = 215.29
abs. sd = 23.15
rel. sd = 10.7 %
se = 8.75
median = 209.67
in 2 sigma = 100 %






3−parameter Minimum Age Model: ID−10C, 280−350C, 50/59 (89%) interpolated EXP
Parameters: σb = 0.2 , γ = 5.3 , σ = 1.6 , ρ = 1
n = 50
mean = 206.19
abs. sd = 37.6
rel. sd = 17.93 %
se = 5.32
median = 206.48
in 2 sigma = 52 %
296.3
118.7
206±11 Gy
Standardised estimate
2
0
−2
300
250
200
150
De [Gy]
Relative standard error (%)
20
10
6.7
5
0
5
10
15
20
Precision
0
0.092
Density (bw 0.1)

3−par. MAM: D1−8 ID−TR, 280−350 C, 8/8 (100%) interpolated EXP

Parameters: $\sigma_b = 0.2$, $\gamma = 5.4$, $\sigma = 1.4$, $\rho = 1$

n = 8
mean = 217.26
abs. sd = 24.66
rel. sd = 11.28 %
se = 8.72
median = 219.43
in 2 sigma = 75 %