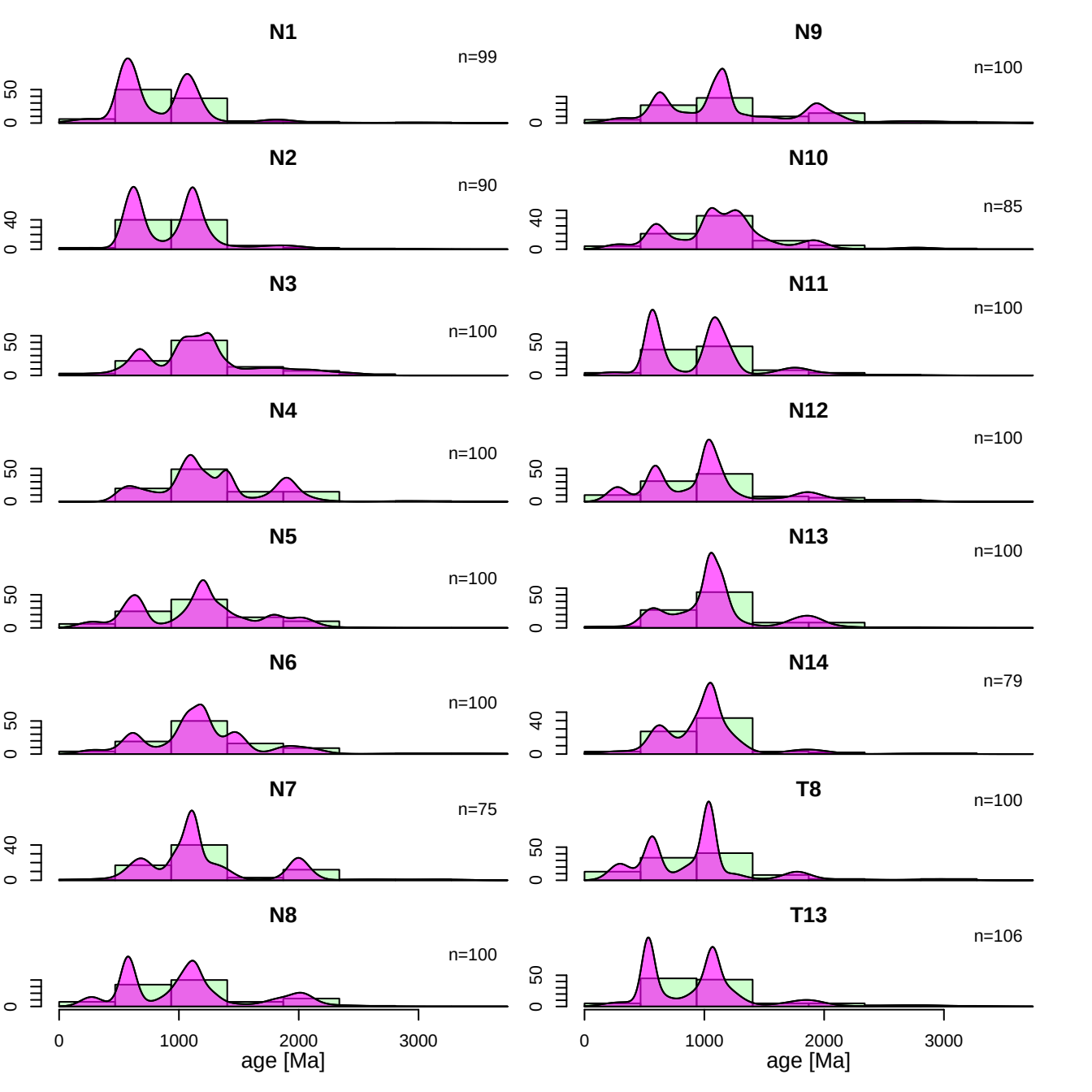
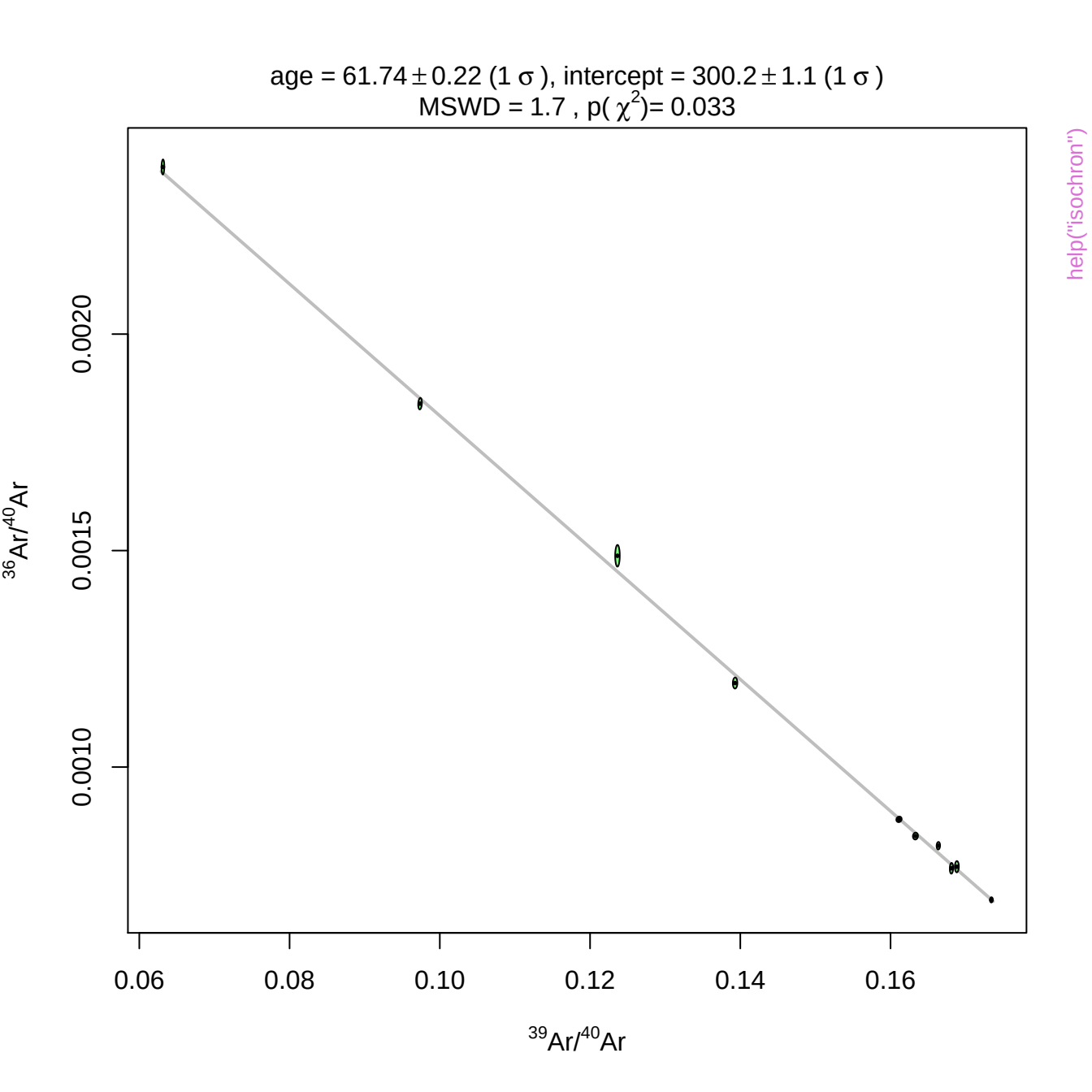
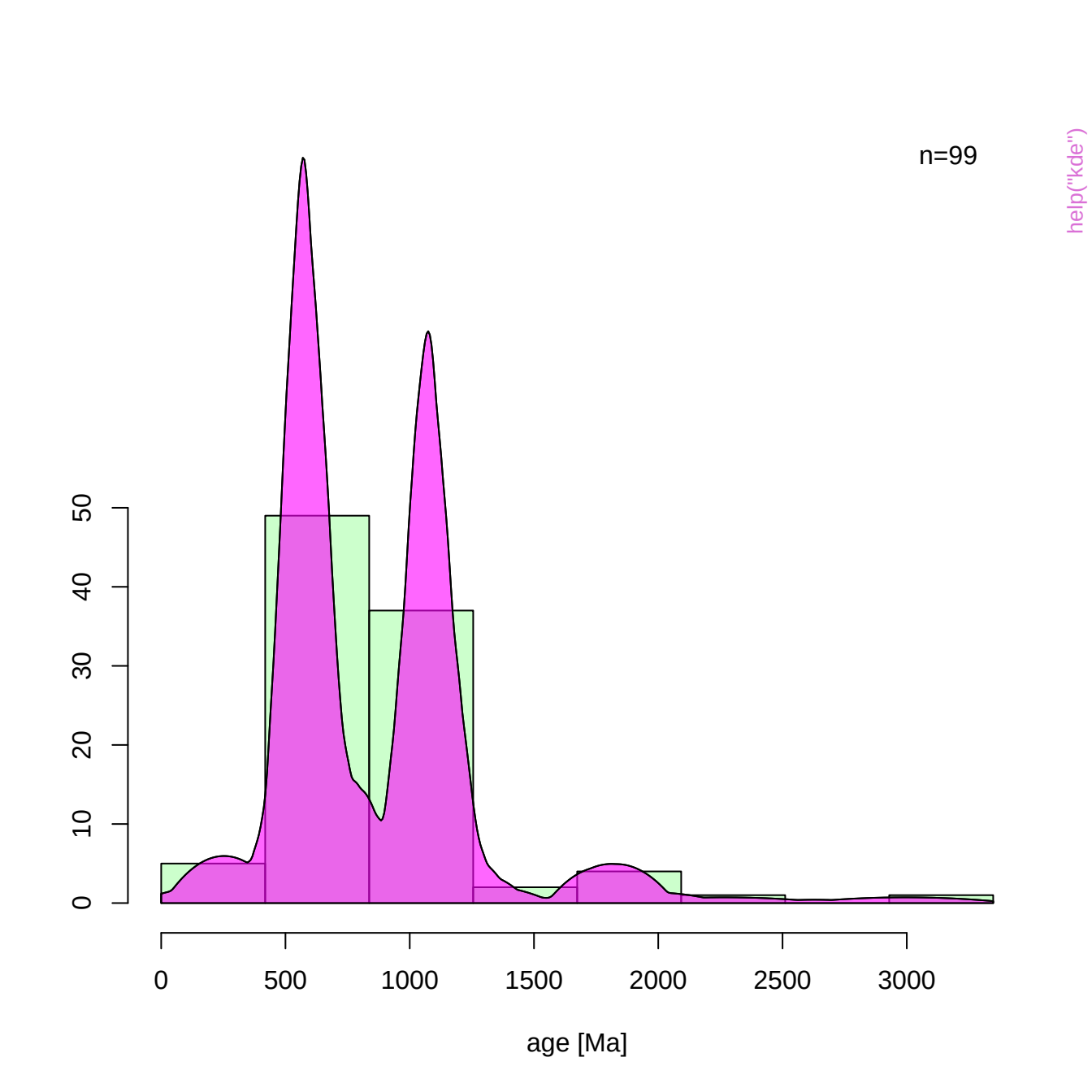
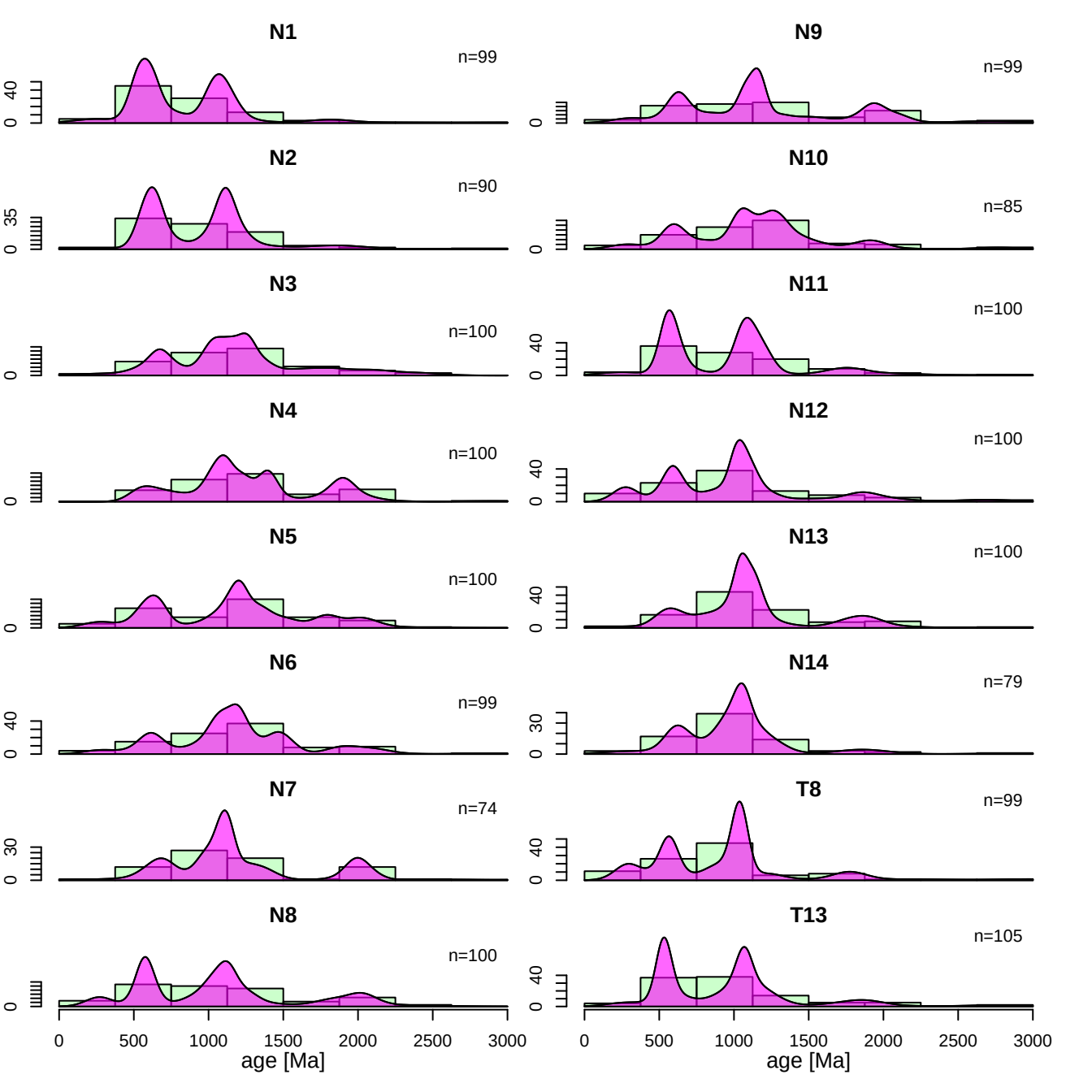
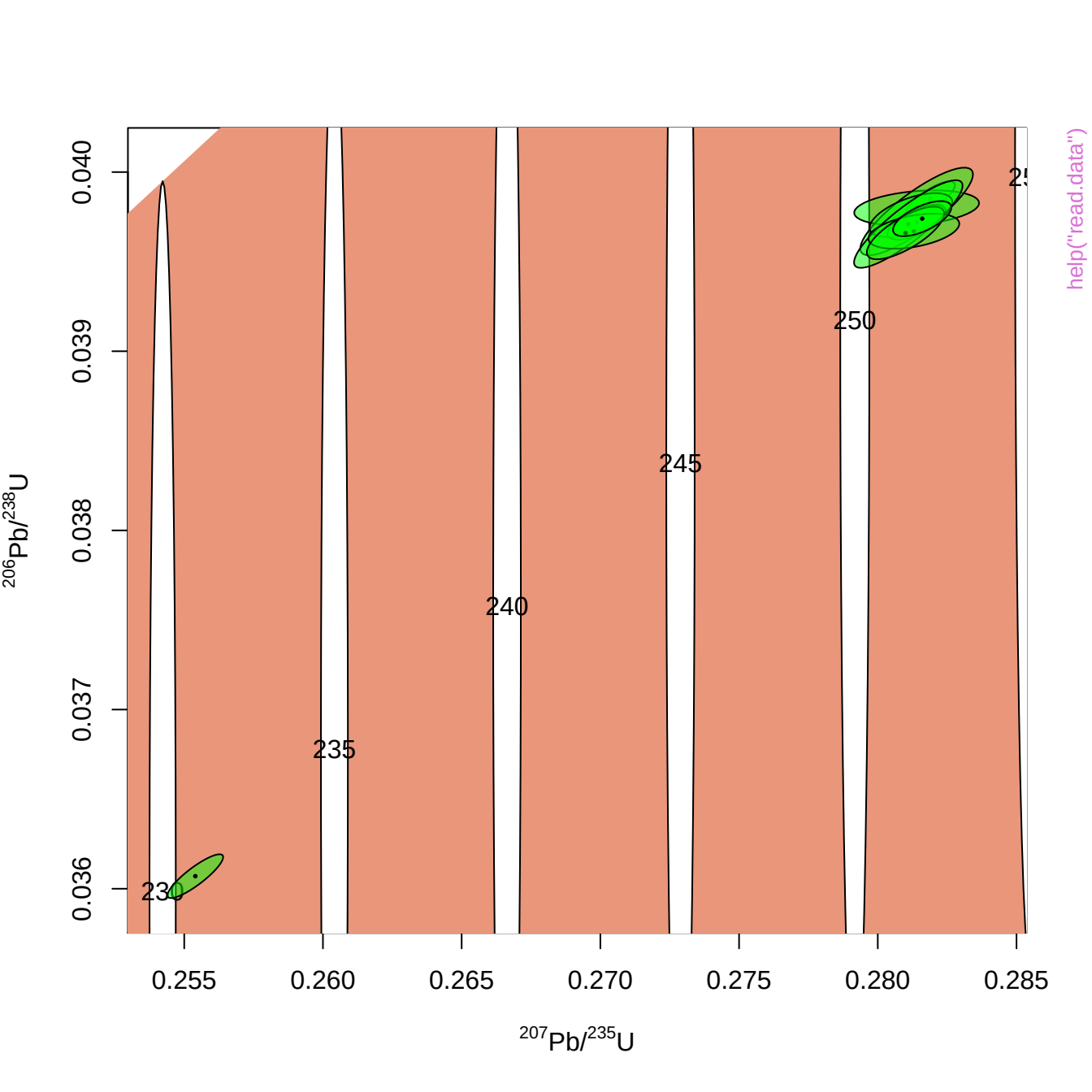
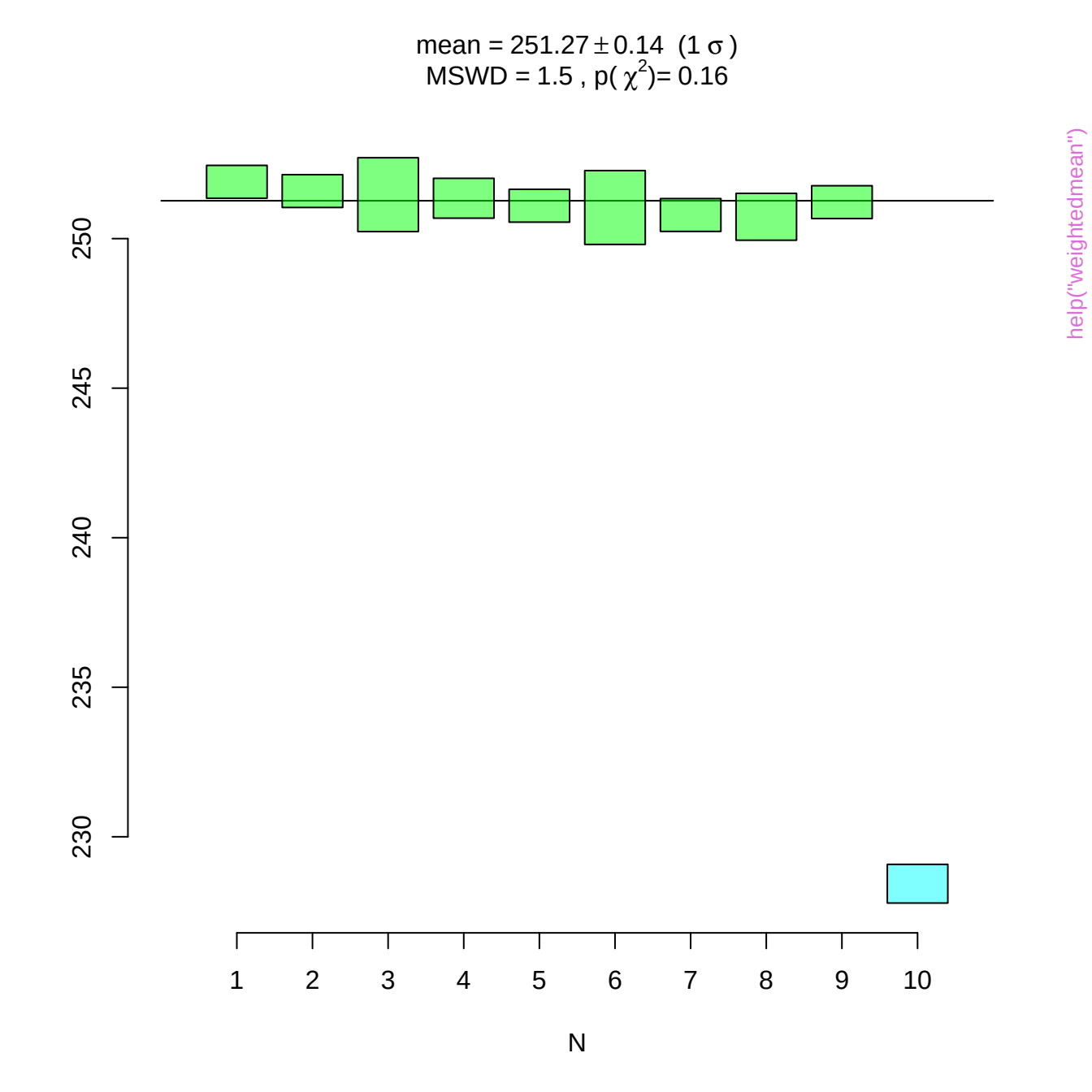

N1
n=99
N2
n=90
N3
n=100
N4
n=100
N5
n=100
N6
n=100
N7
n=75
N8
n=100
N9
n=100
N10
n=85
N11
n=100
N12
n=100
N13
n=100
N14
n=79
T8
n=100
T13
n=106
0
1000
2000
3000
age [Ma]

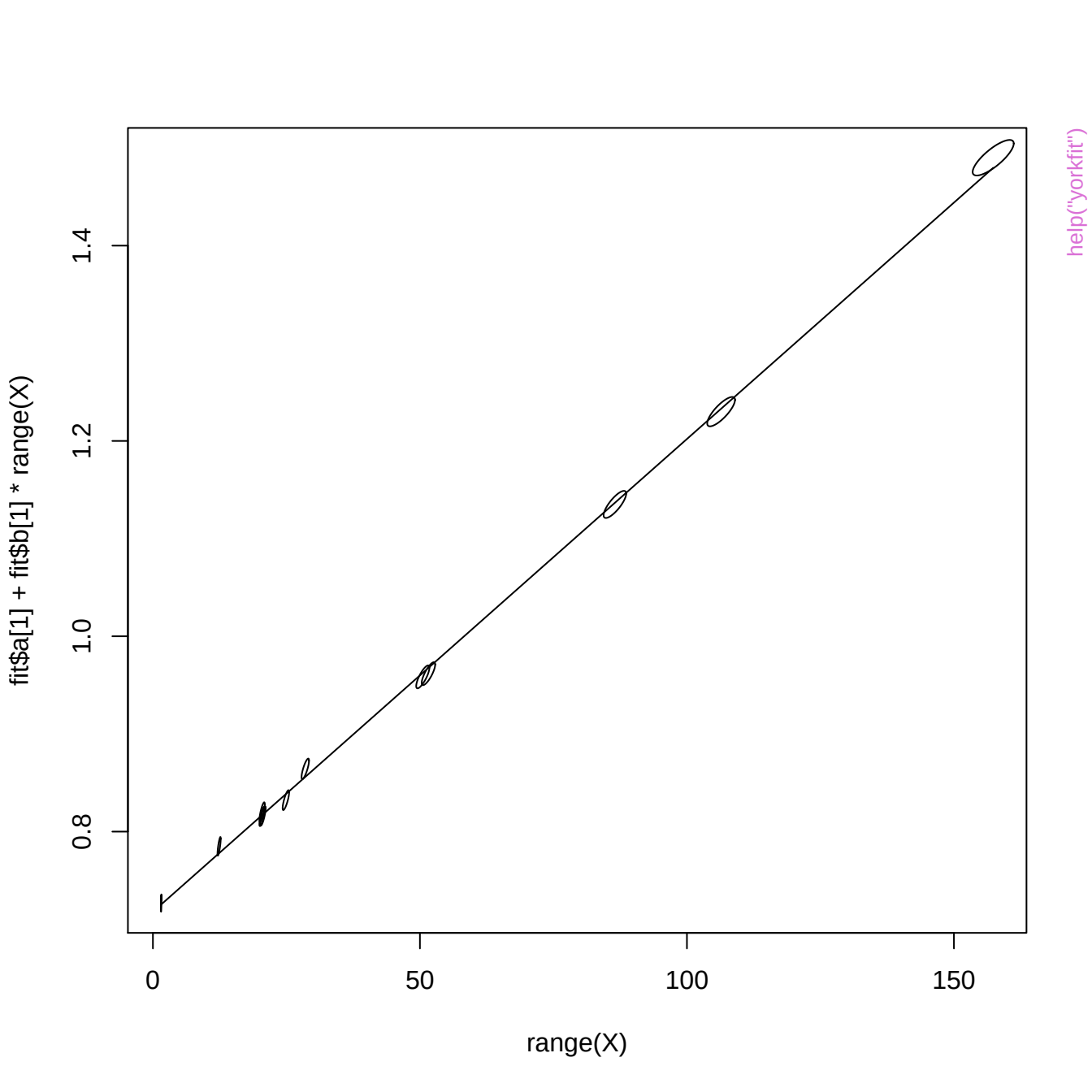

age = 61.74 ± 0.22 (1 σ), intercept = 300.2 ± 1.1 (1 σ)
MSWD = 1.7 , p(χ2)= 0.033
help("isochron")
0.0020
0.0015
0.0010
36Ar/40Ar
0.06
0.08
0.10
0.12
0.14
0.16
39Ar/40Ar


n=99
help("kde")
0
10
20
30
40
50
0
500
1000
1500
2000
2500
3000
age [Ma]


N1
n=99
N9
n=99
N2
n=90
N10
n=85
N3
n=100
N11
n=100
N4
n=100
N12
n=100
N5
n=100
N13
n=100
N6
n=99
N14
n=79
N7
n=74
T8
n=99
N8
n=100
T13
n=105
0 500 1000 1500 2000 2500 3000
age [Ma]


0.040
0.039
0.038
0.037
0.036
$^{206}Pb/^{238}U$
250
245
240
235
230
0.255
0.260
0.265
0.270
0.275
0.280
0.285
$^{207}Pb/^{235}U$
help("read.data")


mean = 251.27 ± 0.14 (1 σ)
MSWD = 1.5 , p(χ2)= 0.16
help("weightedmean")
250
245
240
235
230
1
2
3
4
5
6
7
8
9
10
N


fit$a[1] + fit$b[1] * range(X)
0.8
1.0
1.2
1.4
0
50
100
150
range(X)
help("yorkfit")