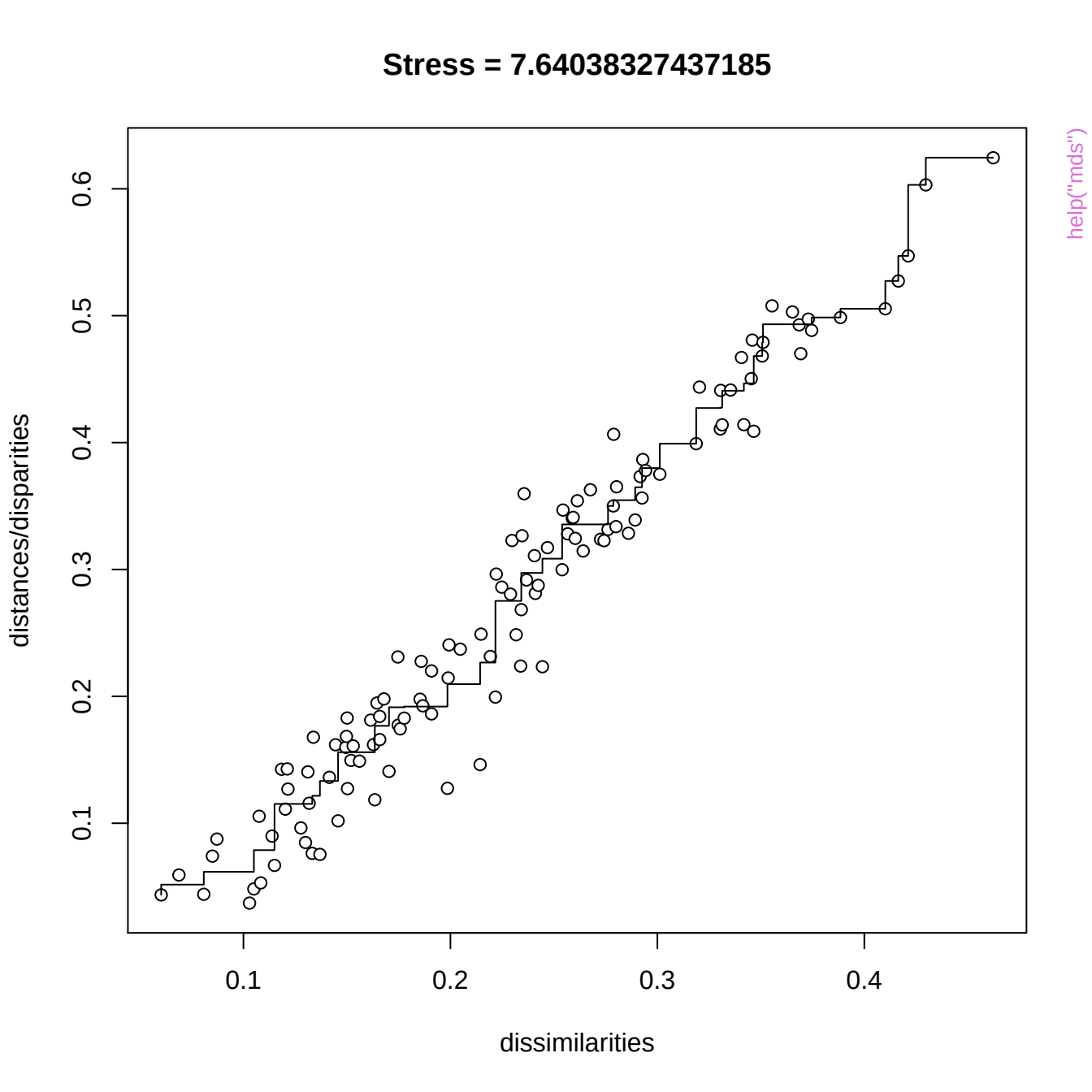
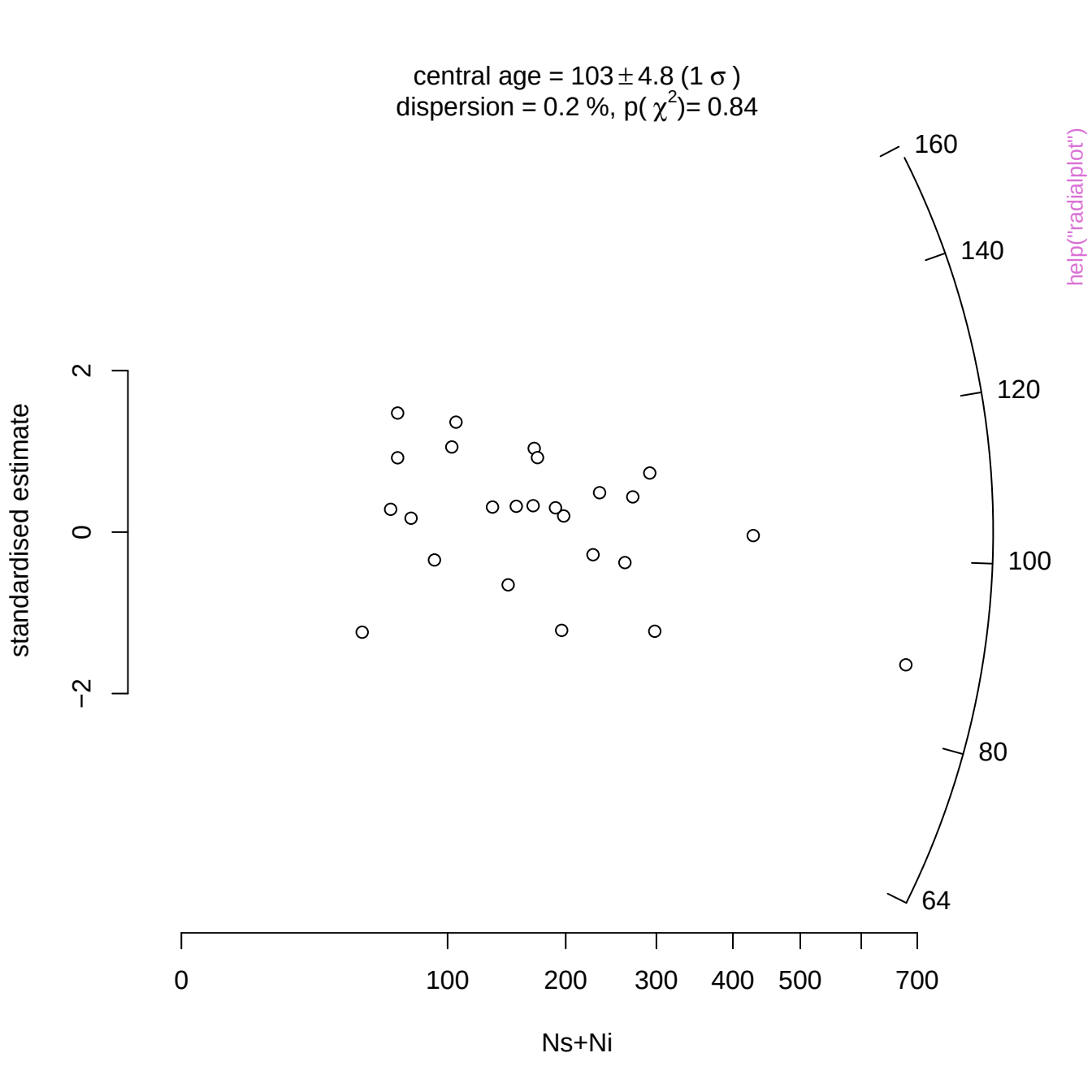
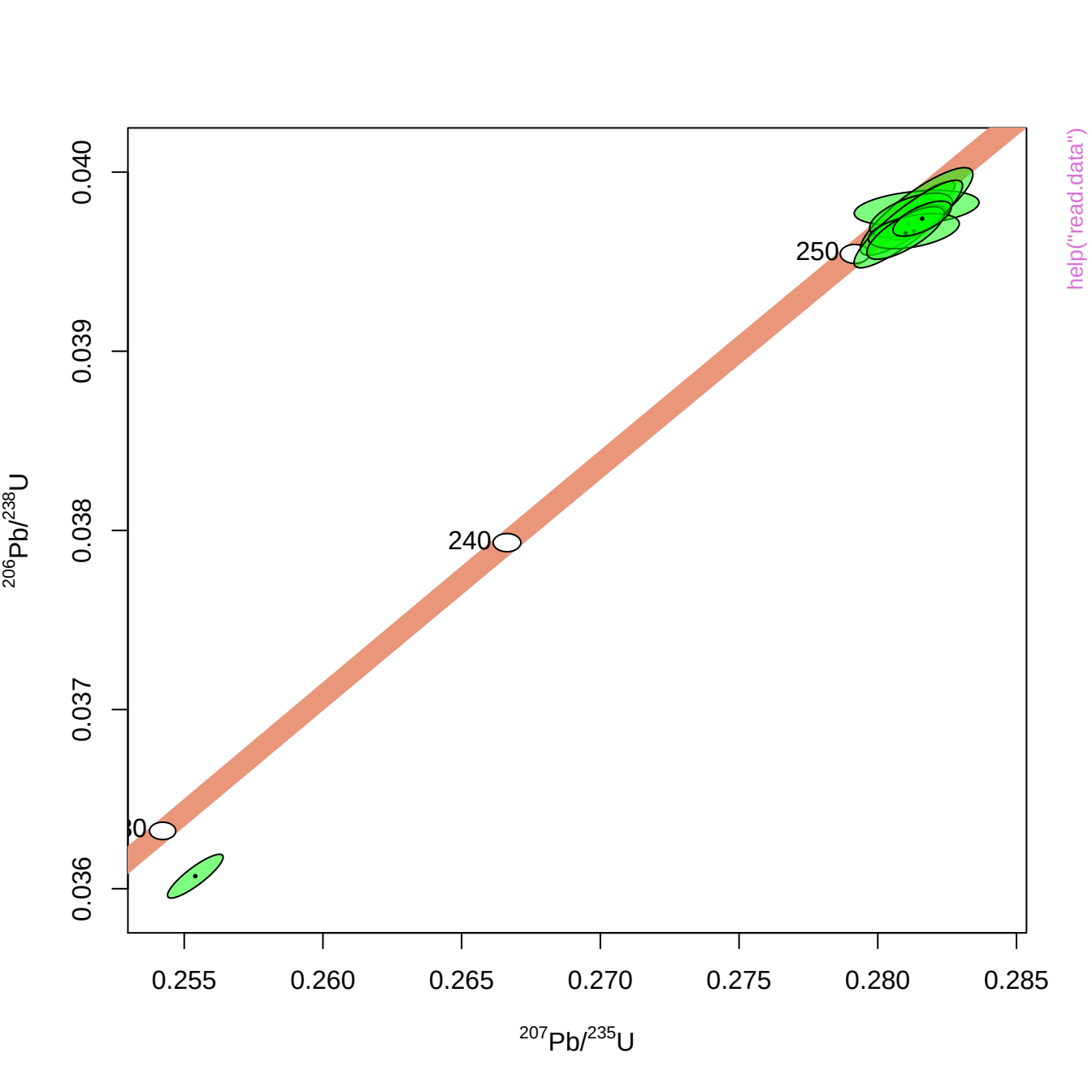
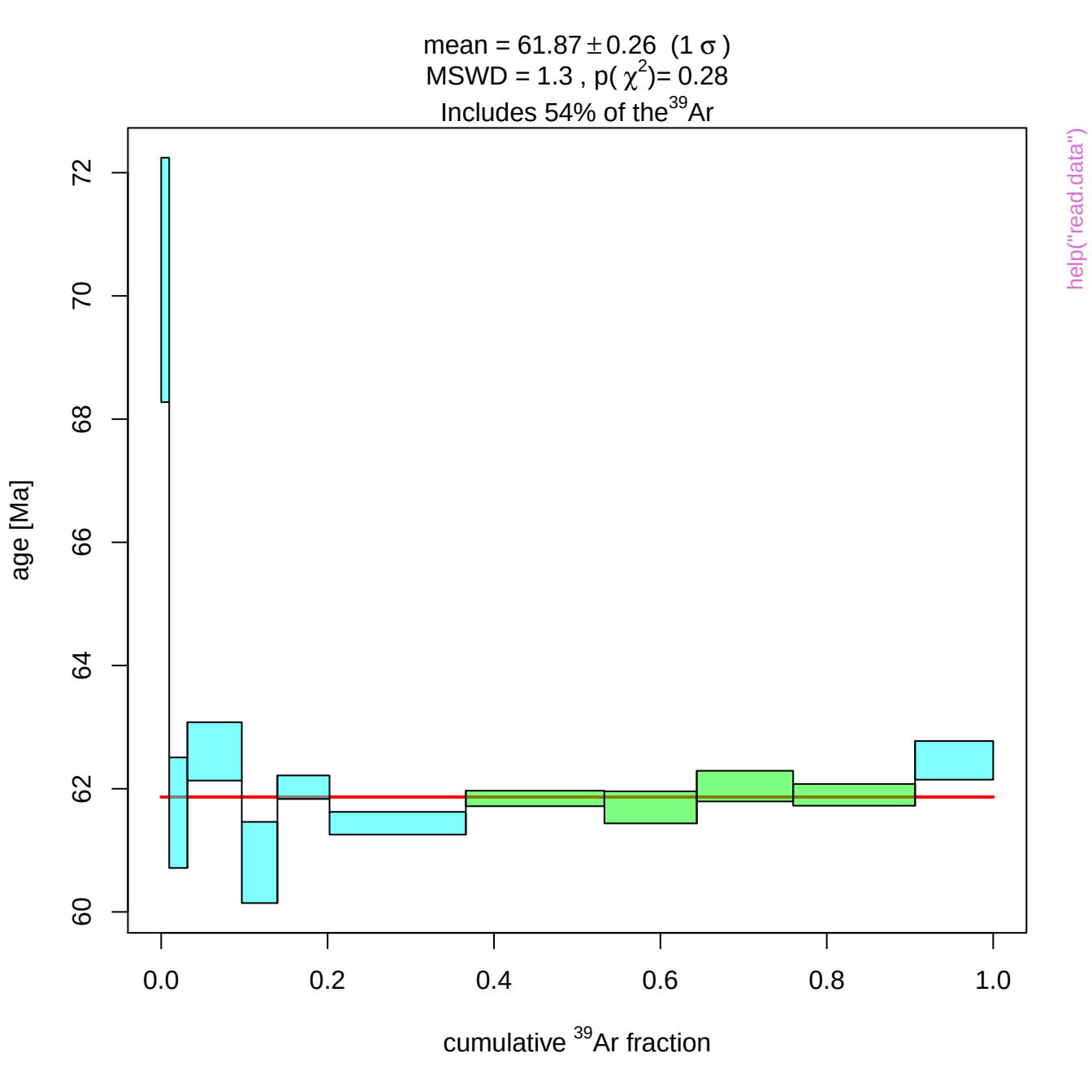
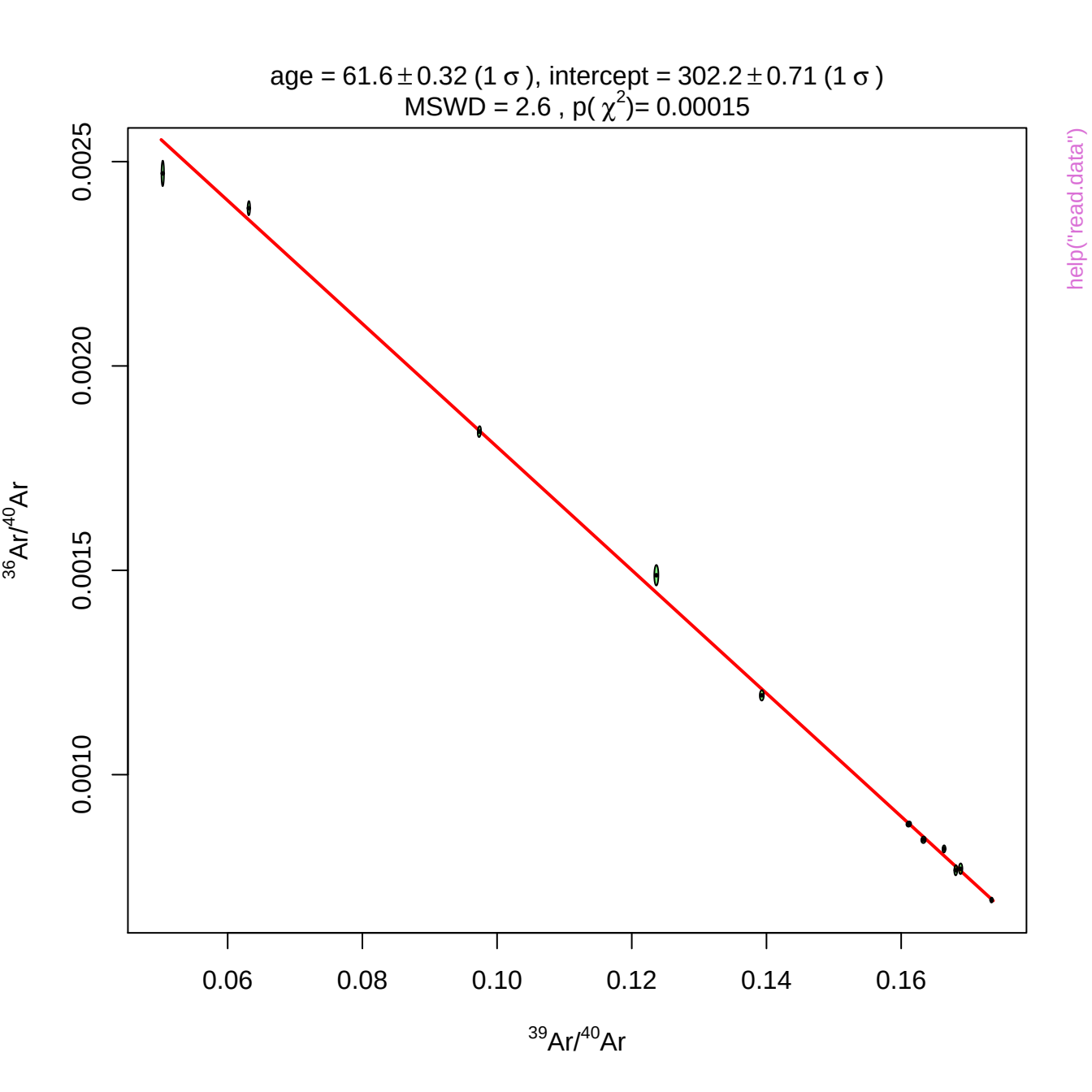
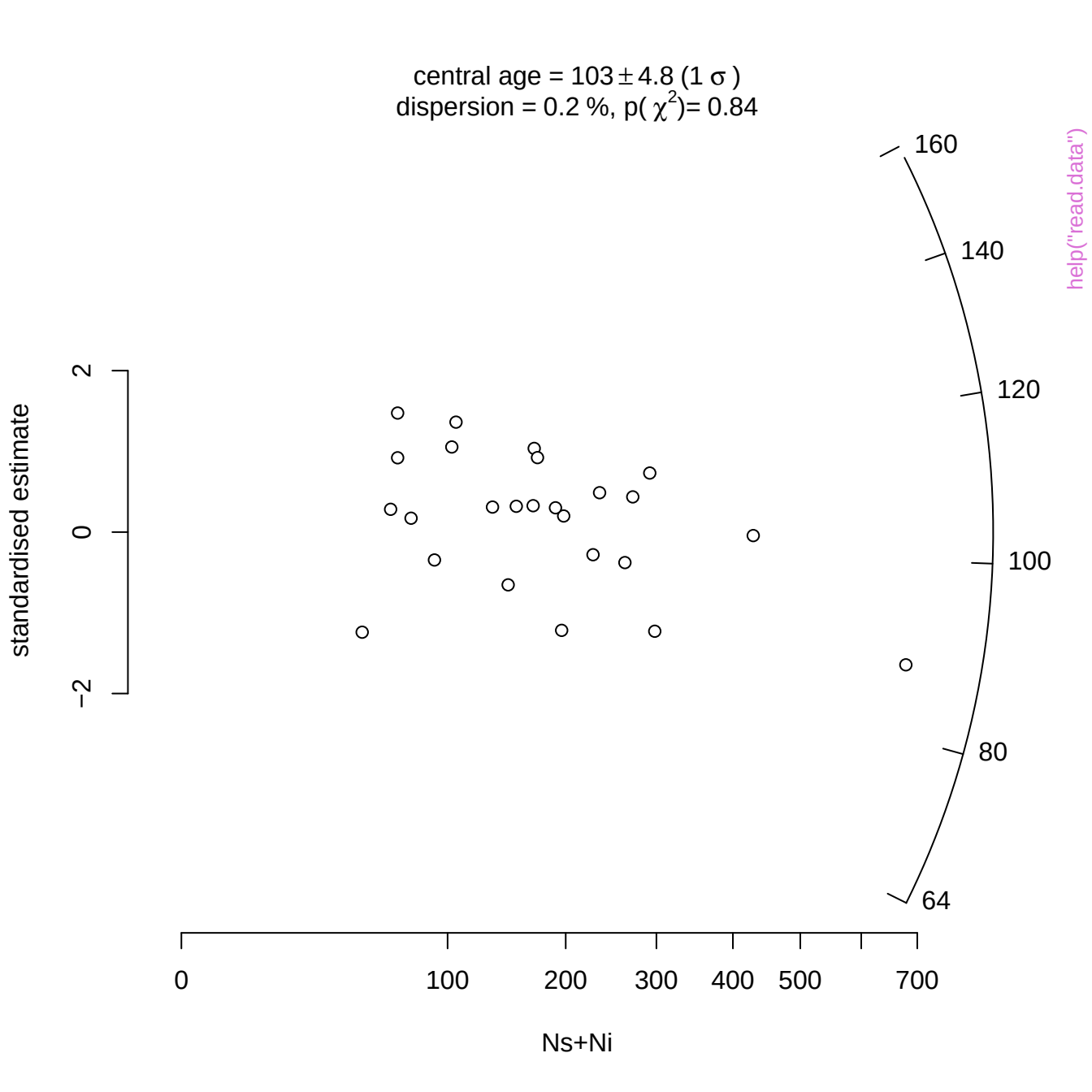

Stress = 7.64038327437185
distances/disparities
dissimilarities
0.1
0.2
0.3
0.4
0.5
0.6
help("mds")

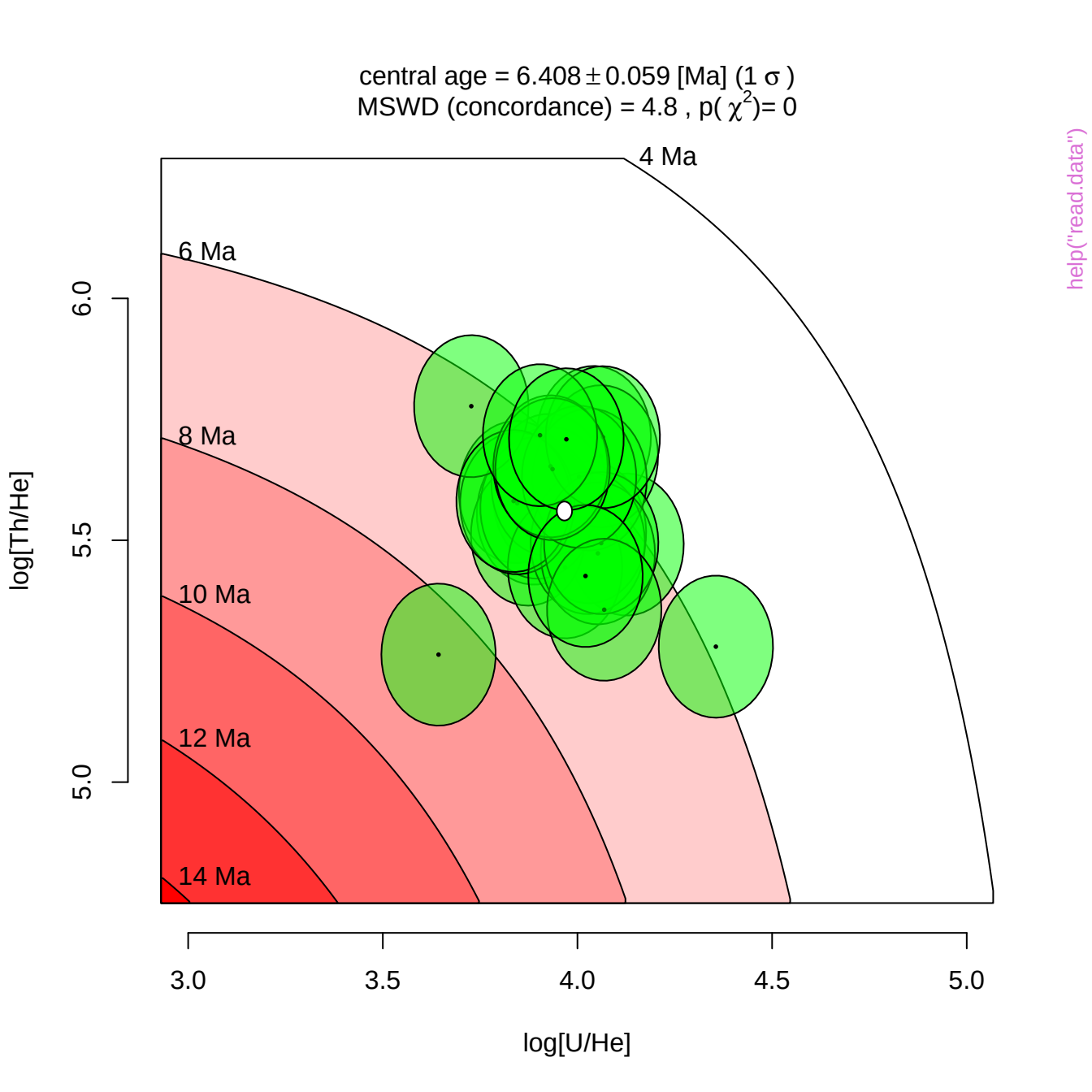

central age = 103 ± 4.8 (1 σ)
dispersion = 0.2 %, p(χ2)= 0.84
standardised estimate
2
0
−2
160
140
120
100
80
64
0
100
200
300
400
500
700
Ns+Ni
help("radialplot")

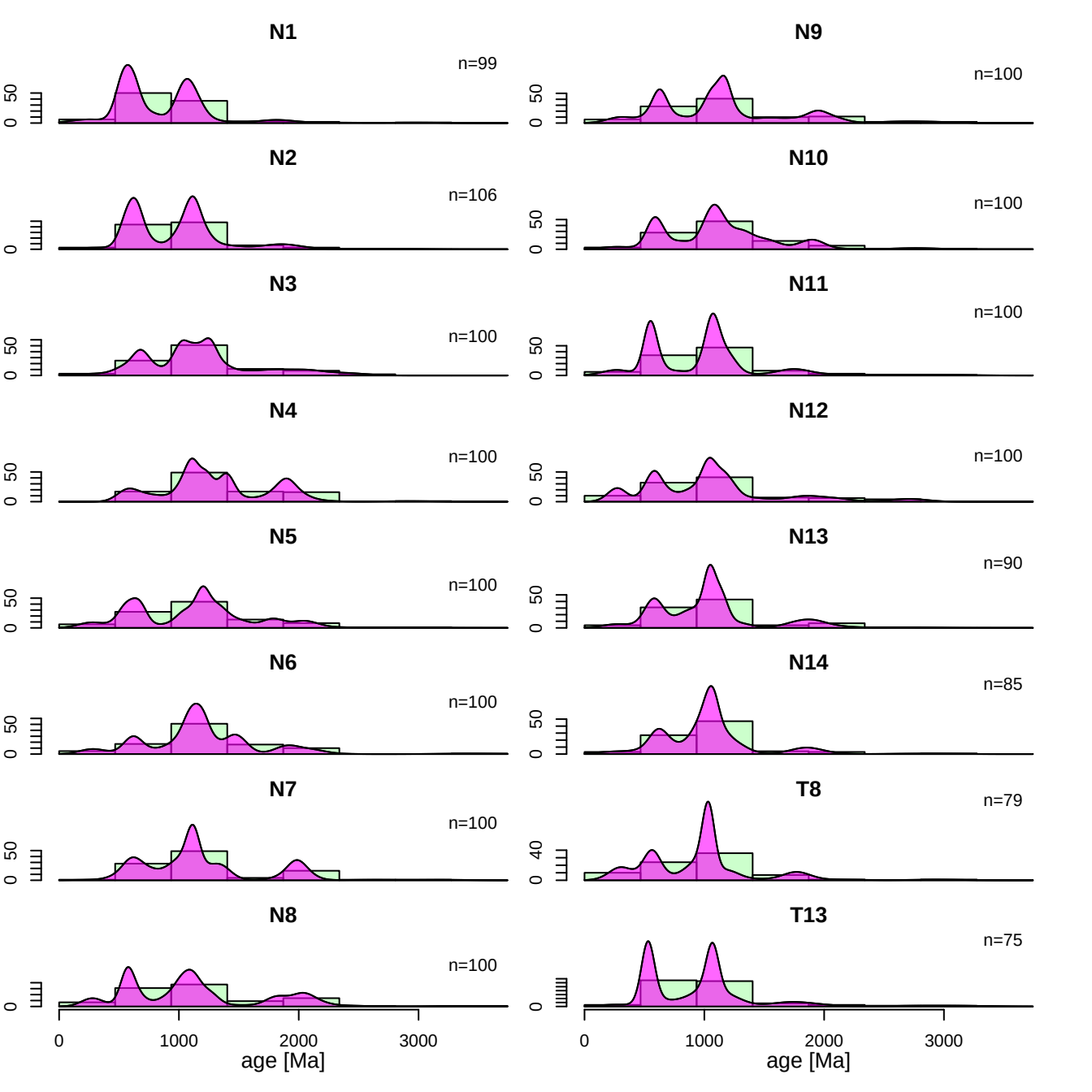

help("read.data")
0.040
0.039
0.038
0.037
0.036
$^{206}Pb/^{238}U$
250
240
0.255
0.260
0.265
0.270
0.275
0.280
0.285
$^{207}Pb/^{235}U$

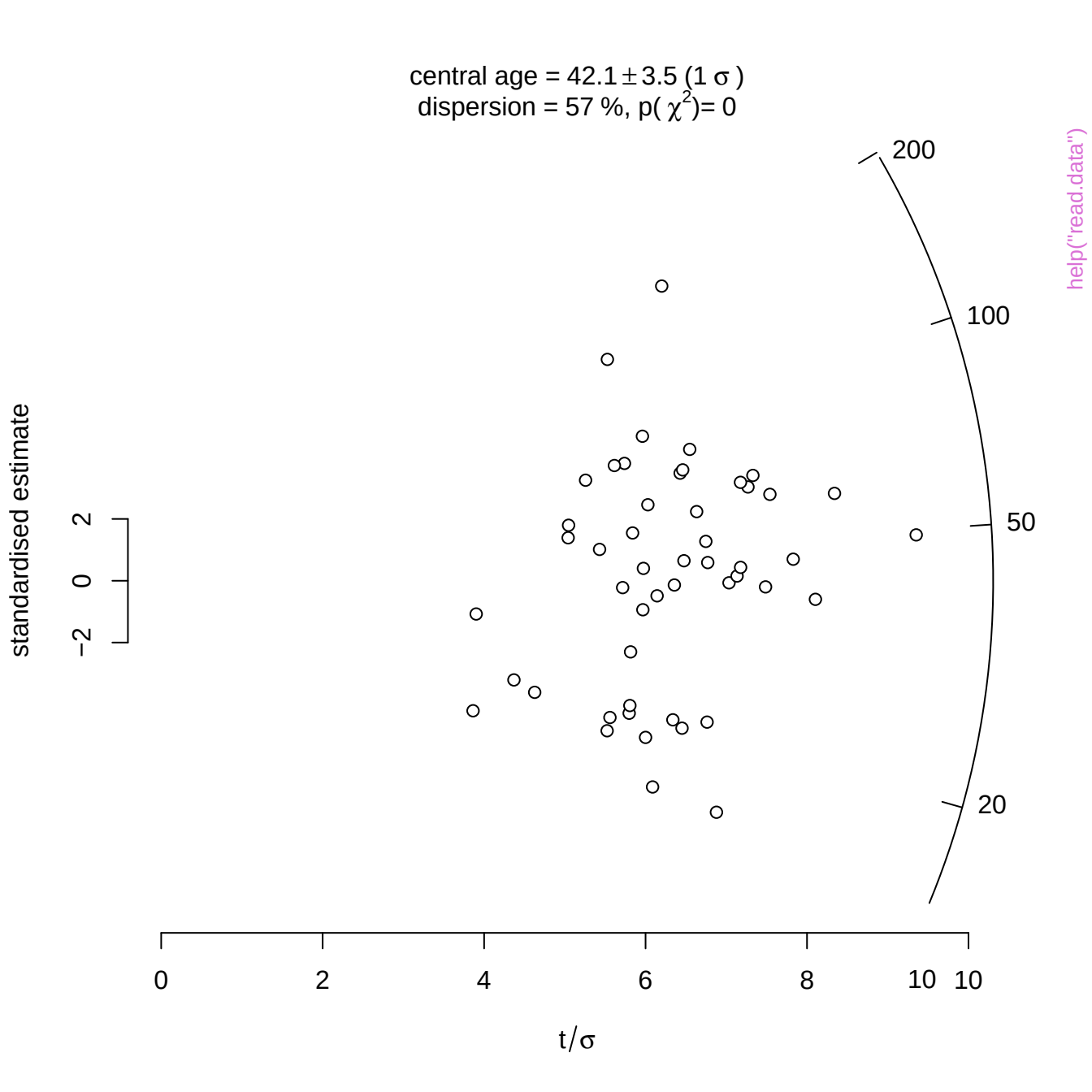

mean = 61.87 ± 0.26 (1 σ)
MSWD = 1.3 , p(χ2)= 0.28
Includes 54% of the 39Ar
age [Ma]
60
62
64
66
68
70
72
0.0
0.2
0.4
0.6
0.8
1.0
cumulative 39Ar fraction
help("read.data")

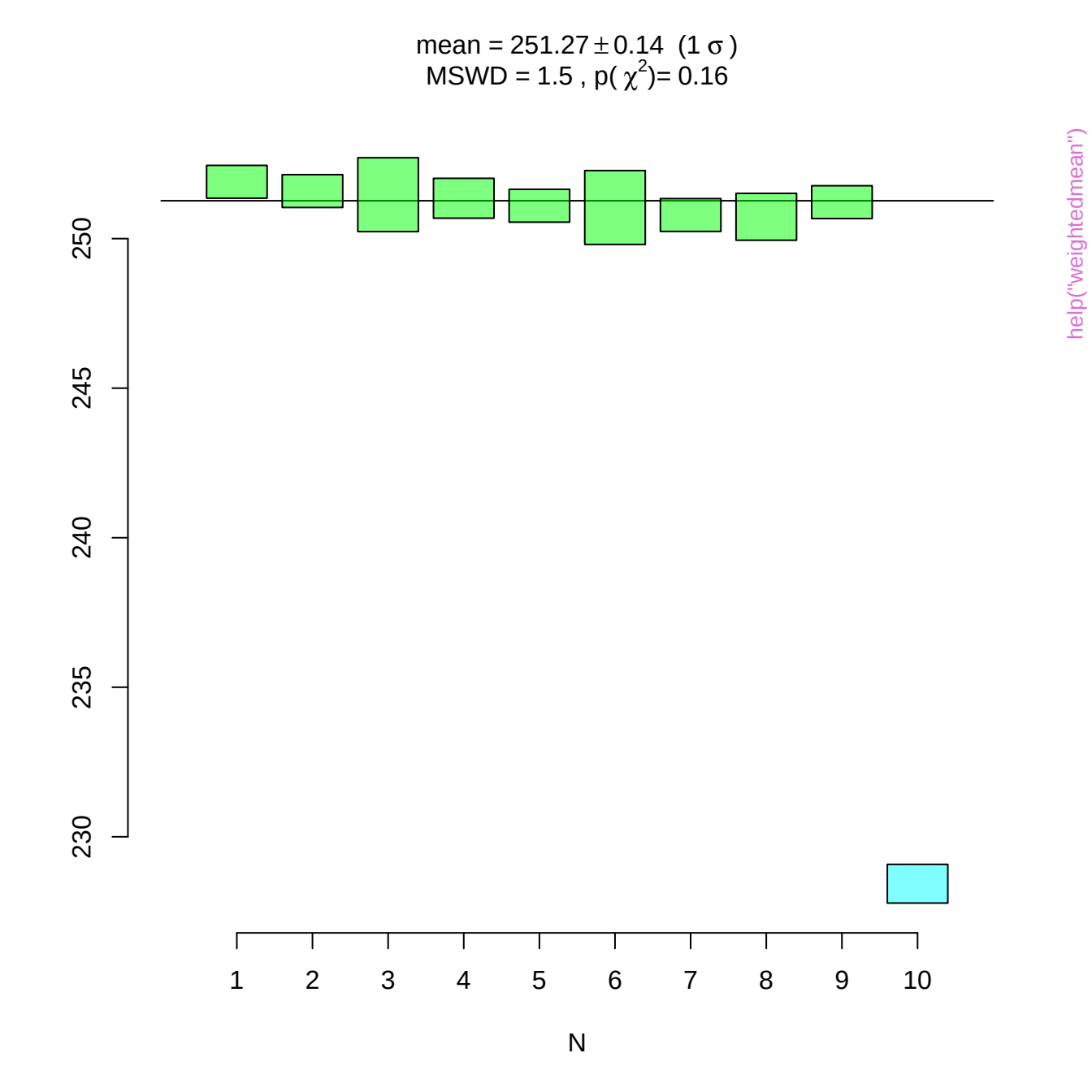

age = 61.6 ± 0.32 (1 σ), intercept = 302.2 ± 0.71 (1 σ)
MSWD = 2.6 , p(χ2)= 0.00015
0.0025
0.0020
0.0015
0.0010
36Ar/40Ar
0.06
0.08
0.10
0.12
0.14
0.16
39Ar/40Ar
help("read.data")

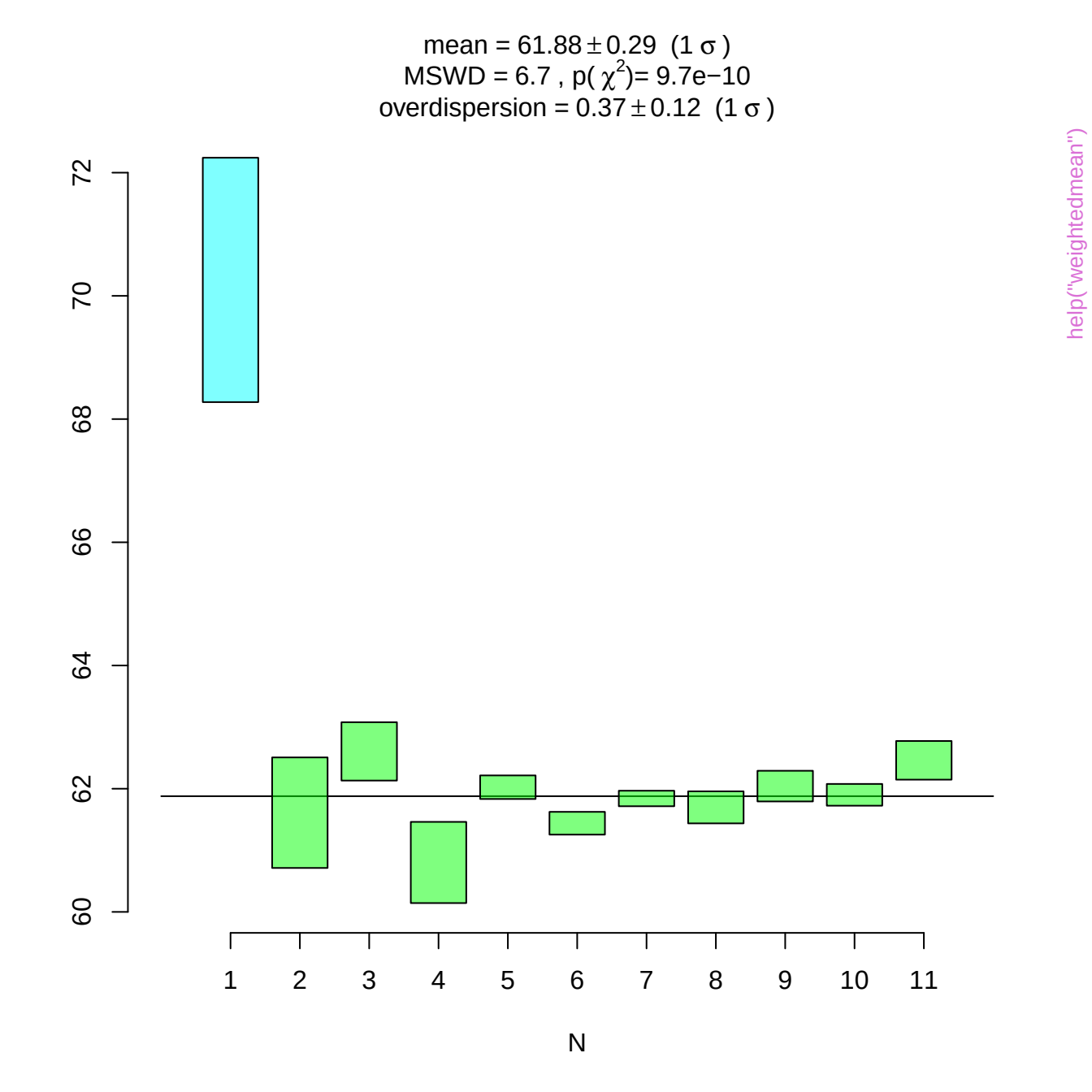

central age = 103 ± 4.8 (1 σ)
dispersion = 0.2 %, p(χ2)= 0.84
standardised estimate
2
0
−2
160
140
120
100
80
64
0
100
200
300
400
500
700
Ns+Ni
help("read.data")

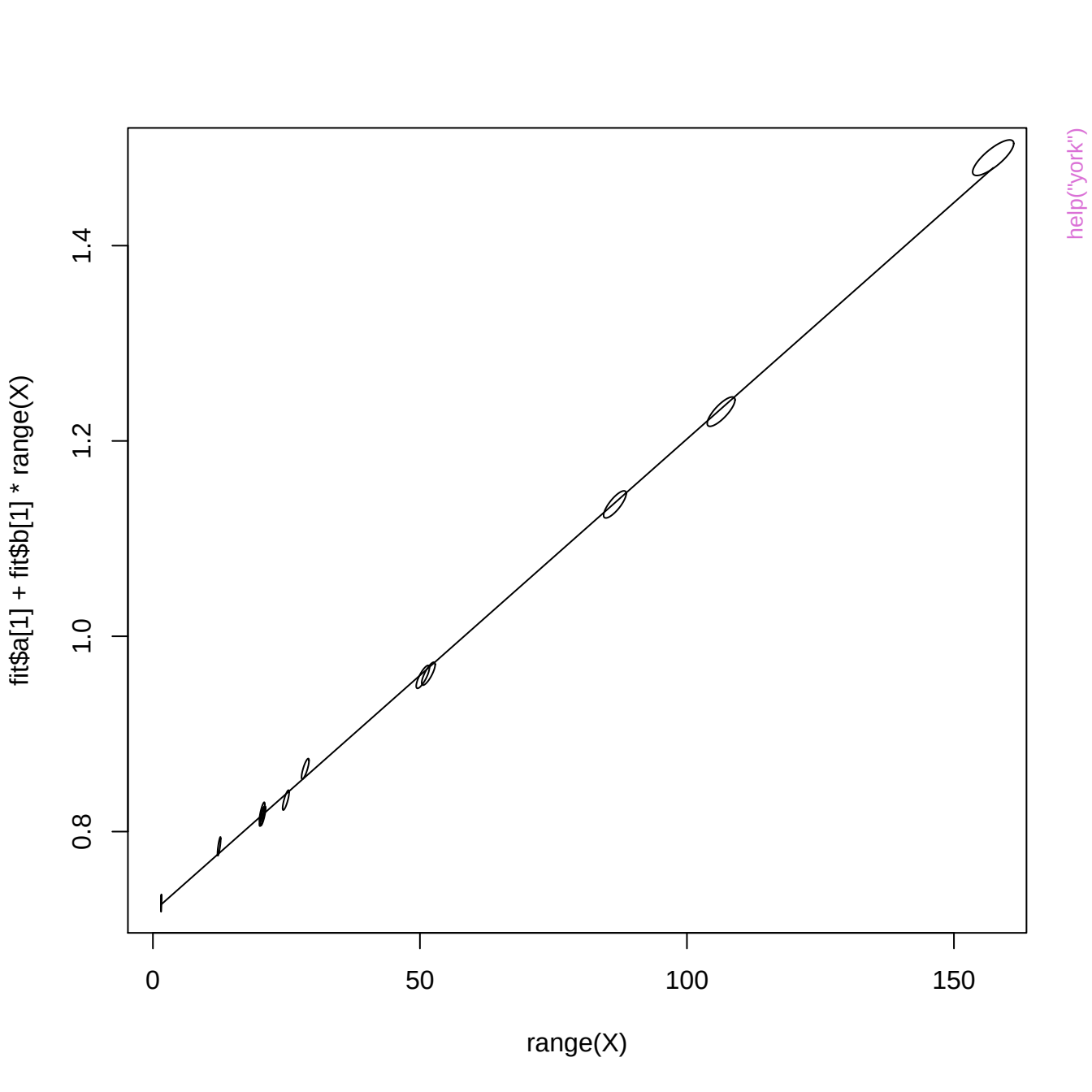

central age = 6.408 ± 0.059 [Ma] (1 σ)
MSWD (concordance) = 4.8 , p(χ2)= 0
4 Ma
6 Ma
8 Ma
10 Ma
12 Ma
14 Ma
6.0
5.5
5.0
log[Th/He]
3.0
3.5
4.0
4.5
5.0
log[U/He]
help("read.data")


N1
n=99
N2
n=106
N3
n=100
N4
n=100
N5
n=100
N6
n=100
N7
n=100
N8
n=100
N9
n=100
N10
n=100
N11
n=100
N12
n=100
N13
n=90
N14
n=85
T8
n=79
T13
n=75
0
50
40
0
1000
2000
3000
age [Ma]


central age = 42.1 ± 3.5 (1 σ)
dispersion = 57 %, p(χ2)= 0
standardised estimate
−2
0
2
200
100
50
20
0
2
4
6
8
10
10
t/σ
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


mean = 61.88 ± 0.29 (1 σ)
MSWD = 6.7 , p(χ2)= 9.7e−10
overdispersion = 0.37 ± 0.12 (1 σ)
help("weightedmean")
72
70
68
66
64
62
60
1
2
3
4
5
6
7
8
9
10
11
N


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