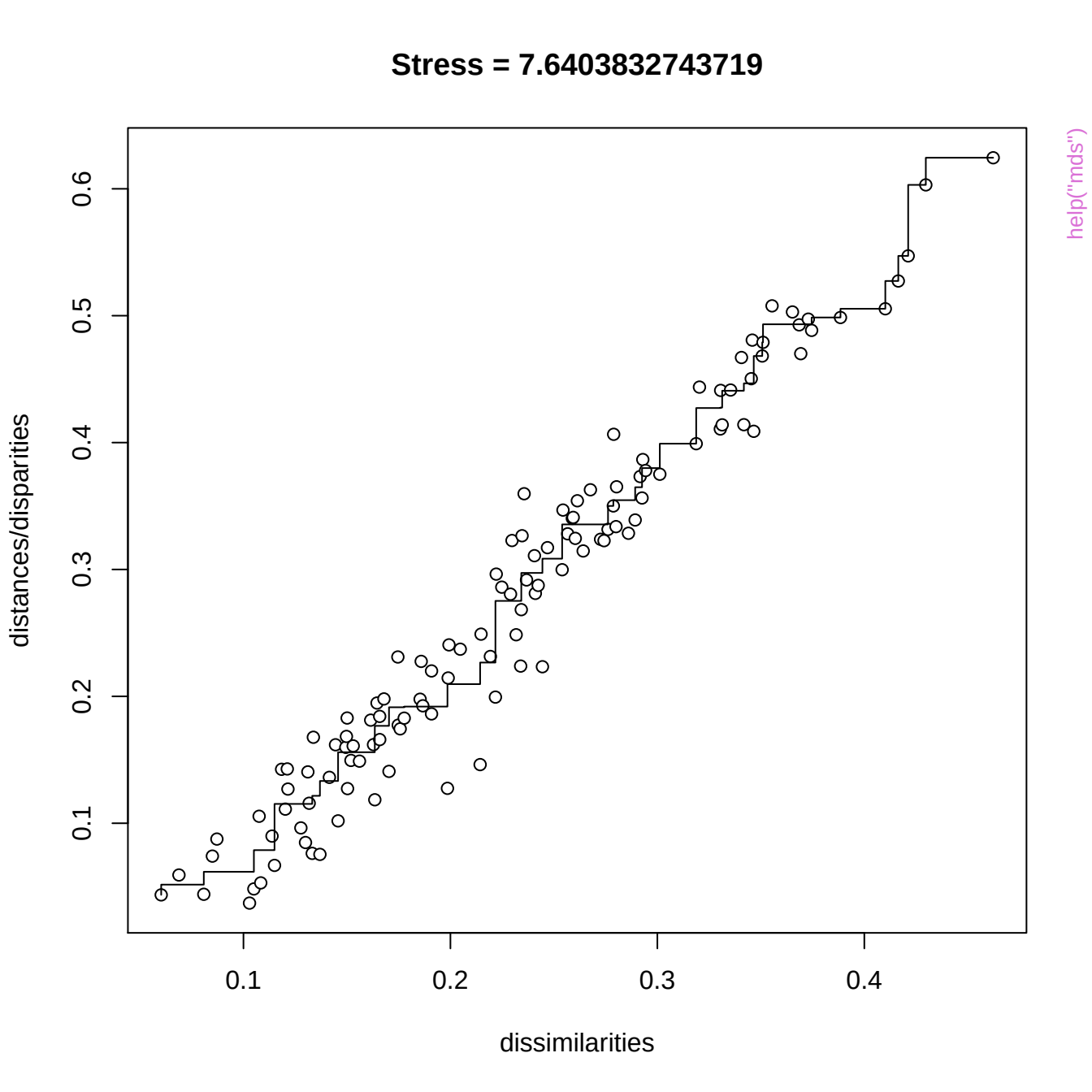
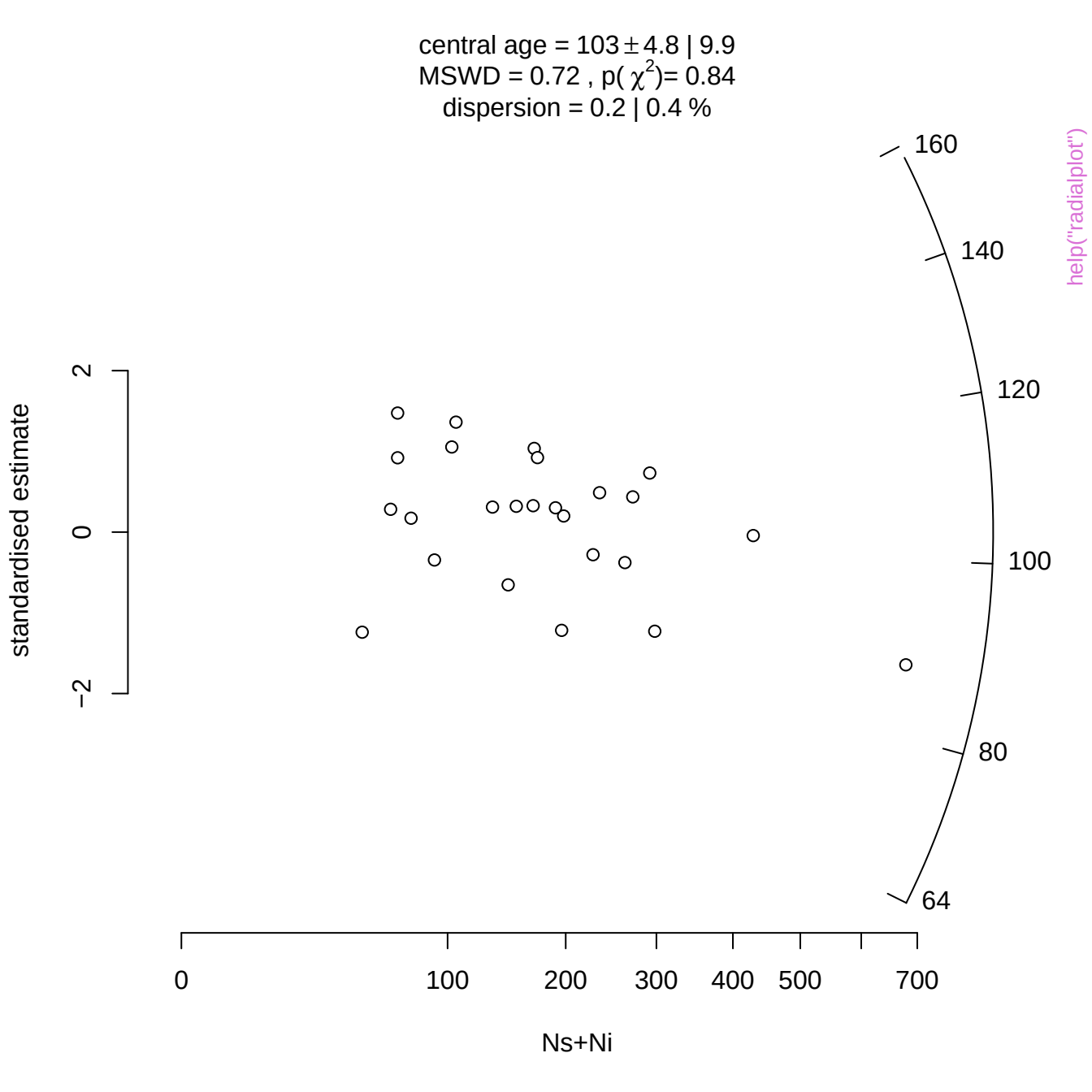
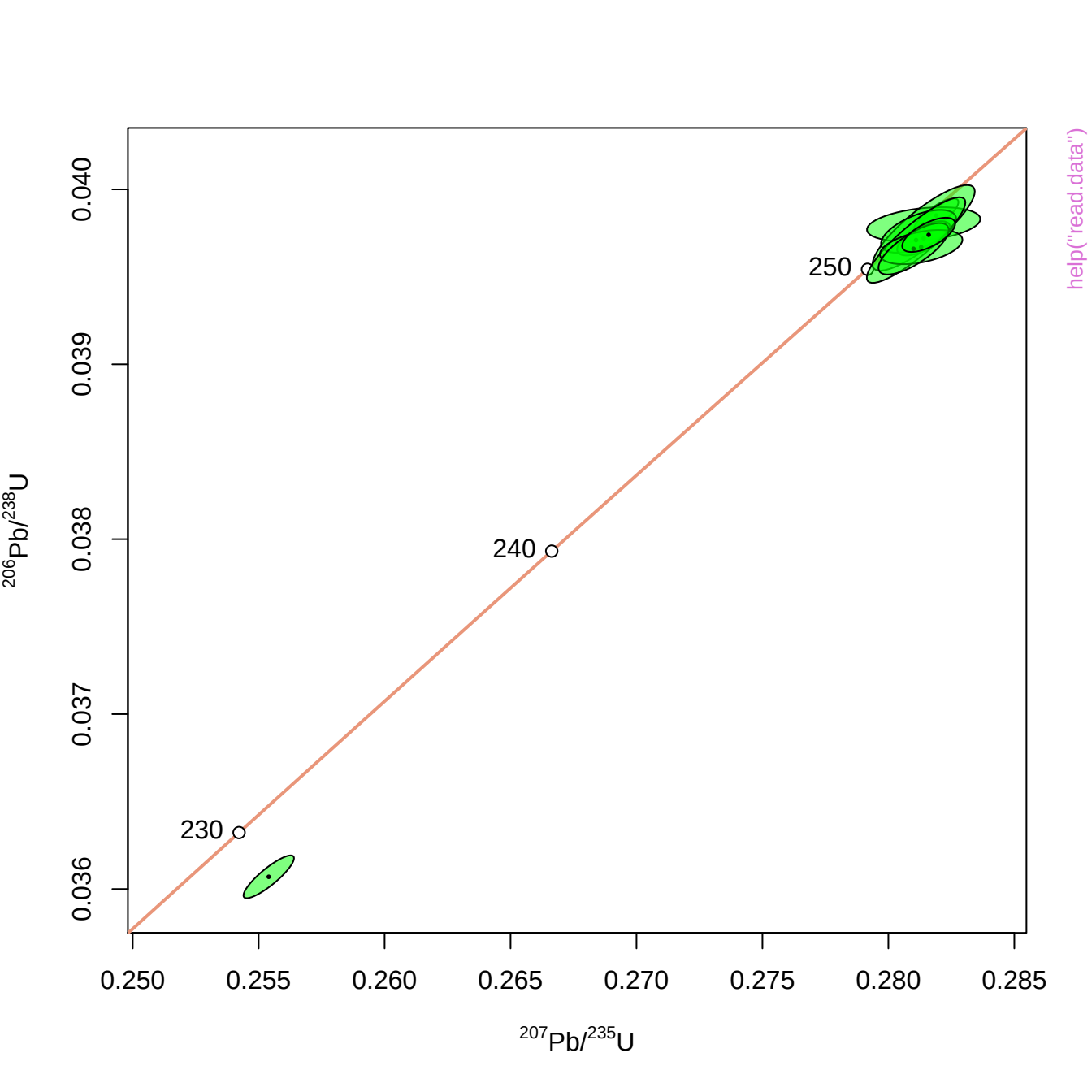
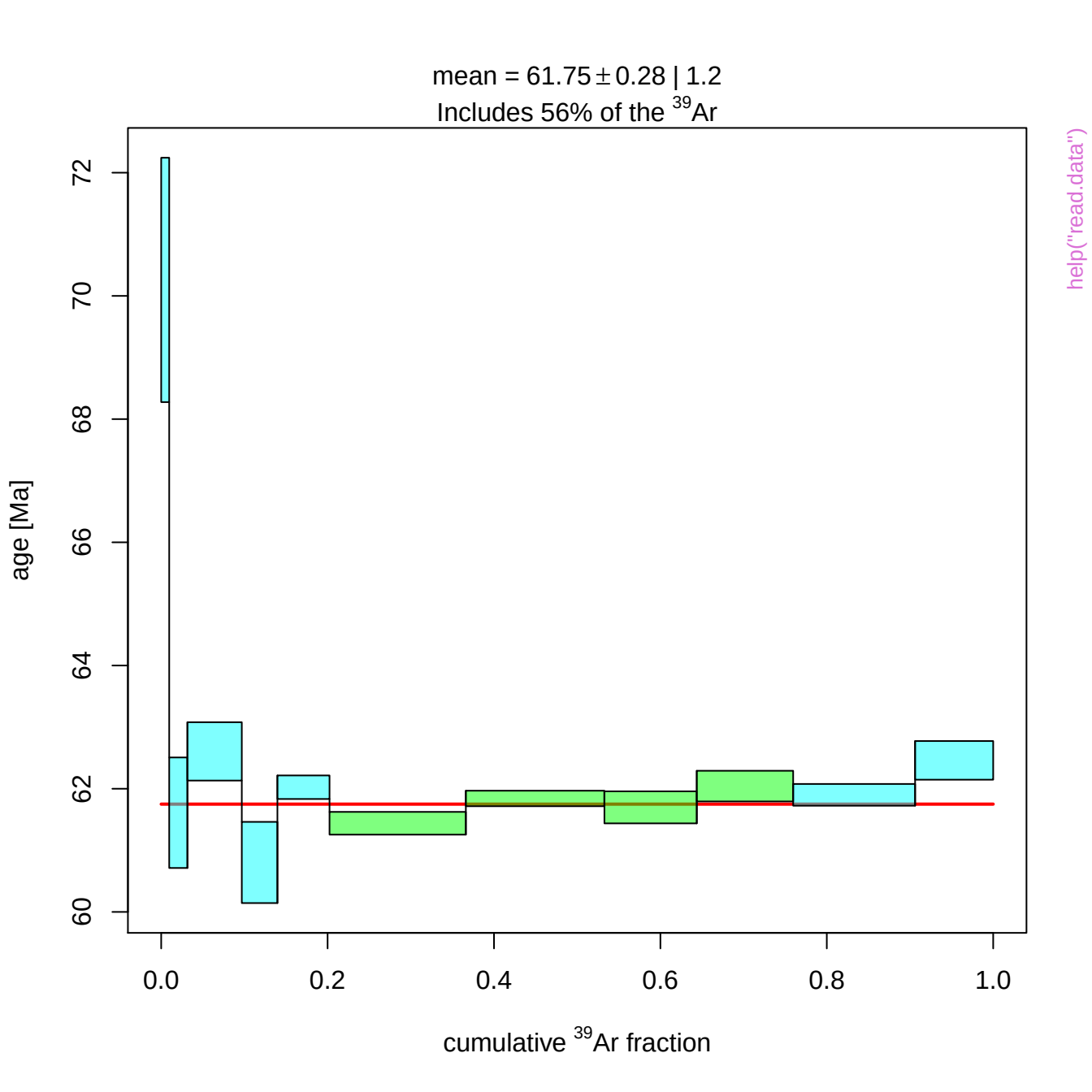
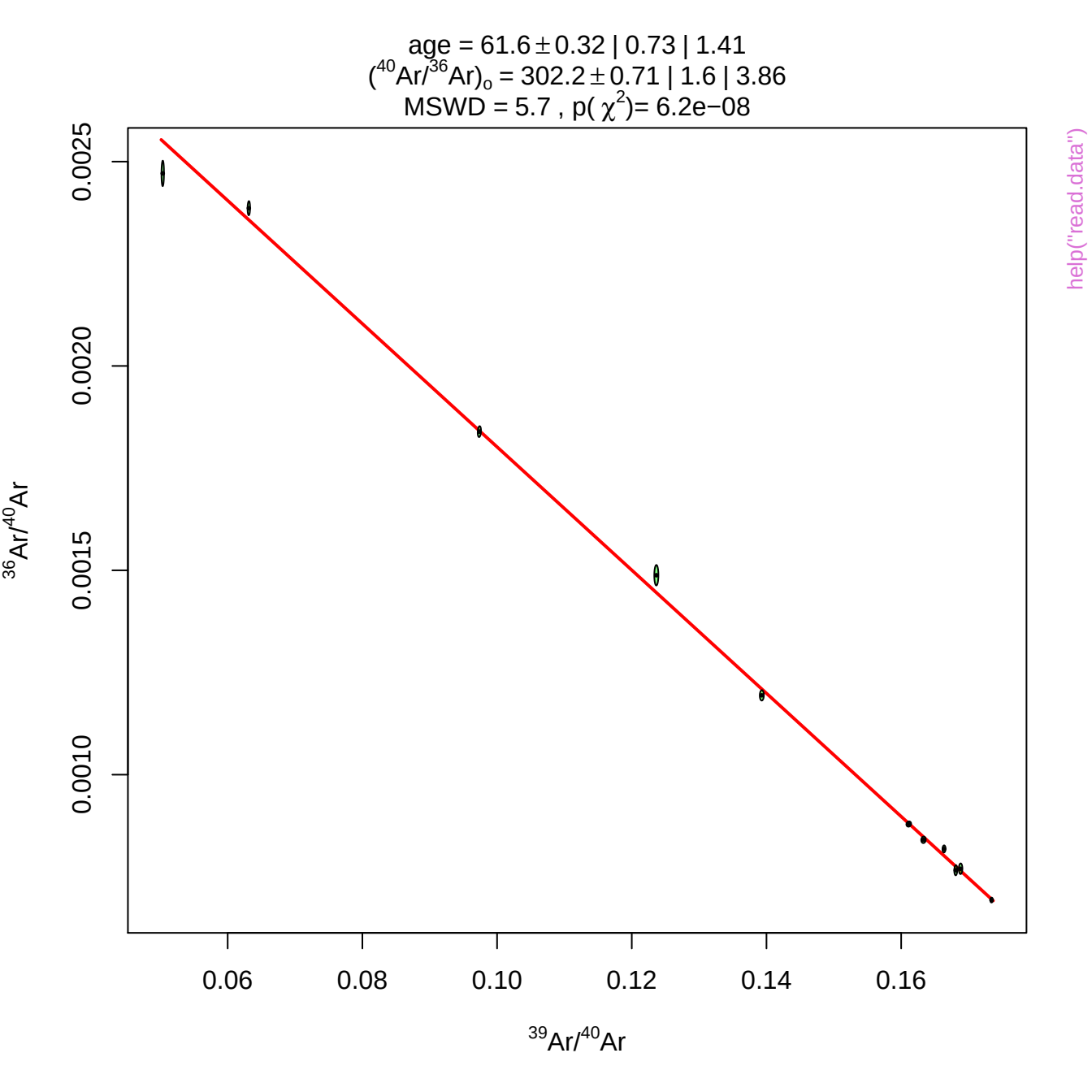
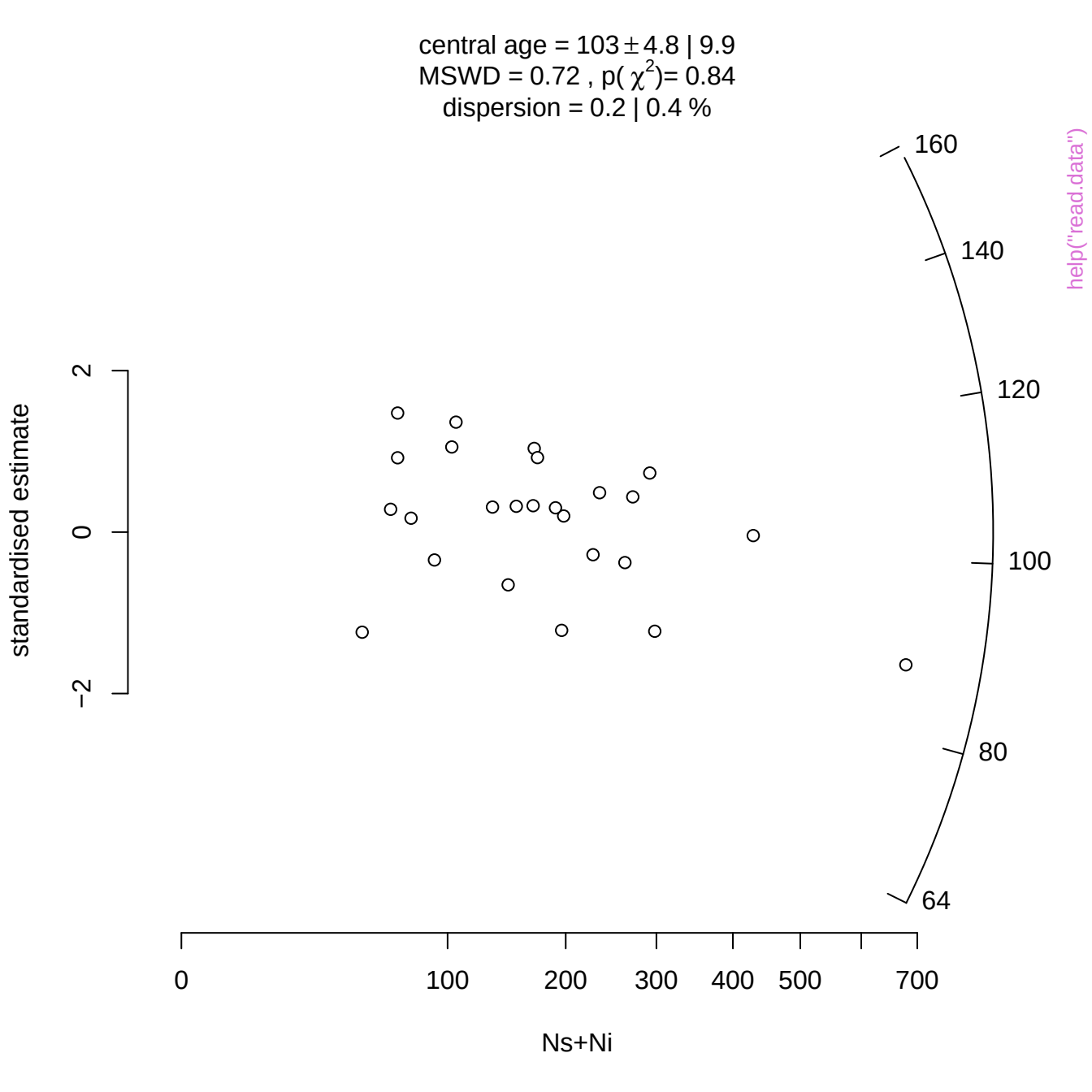

Stress = 7.6403832743719
distances/disparities
dissimilarities
0.1
0.2
0.3
0.4
0.5
0.6
help("mds")

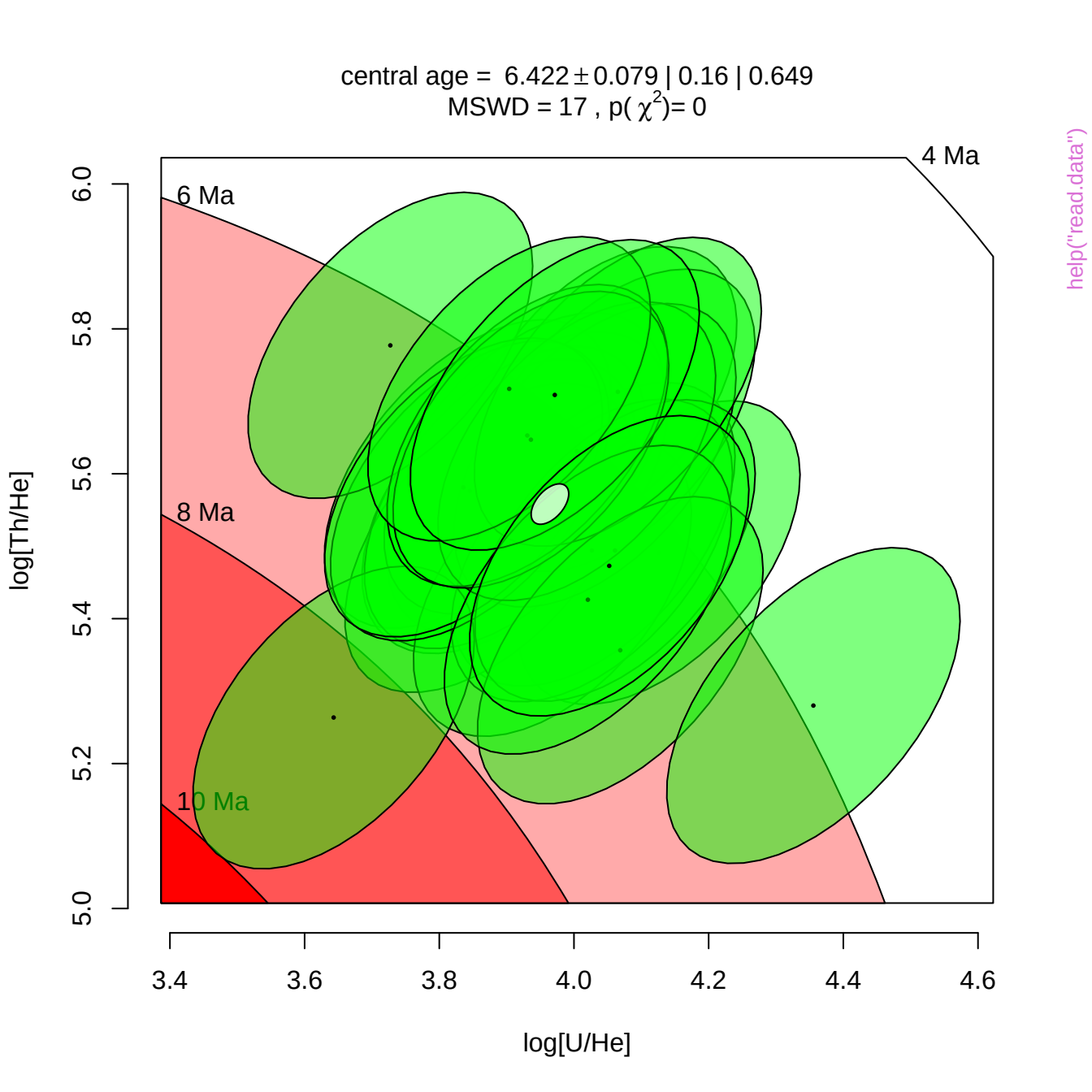

central age = 103 ± 4.8 | 9.9
MSWD = 0.72 , p( χ2)= 0.84
dispersion = 0.2 | 0.4 %
standardised estimate
2
0
−2
160
140
120
100
80
64
0
100
200
300
400
500
700
Ns+Ni
help("radialplot")

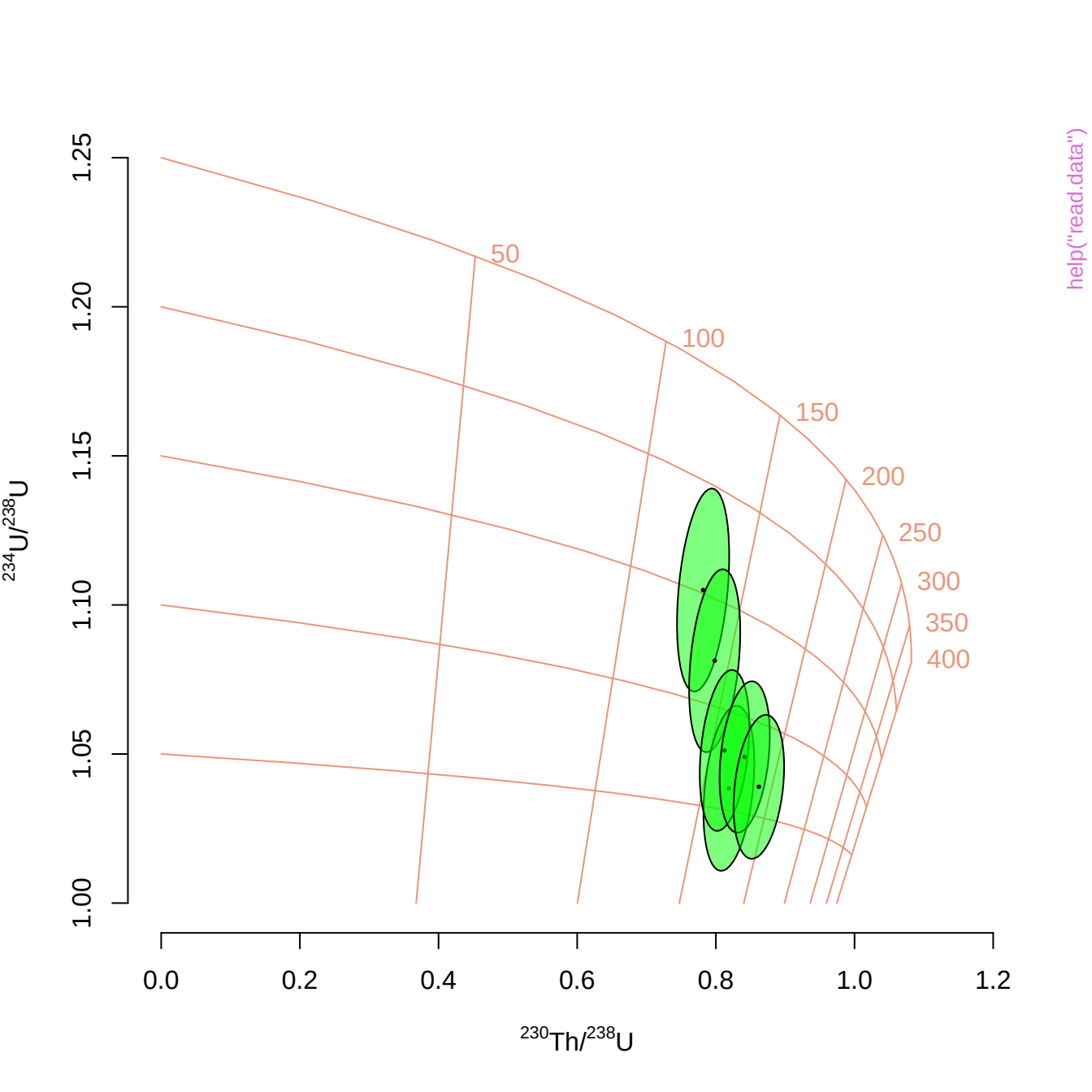

help("read.data")
0.040
0.039
0.038
0.037
0.036
$^{206}Pb/^{238}U$
250
240
230
0.250
0.255
0.260
0.265
0.270
0.275
0.280
0.285
$^{207}Pb/^{235}U$

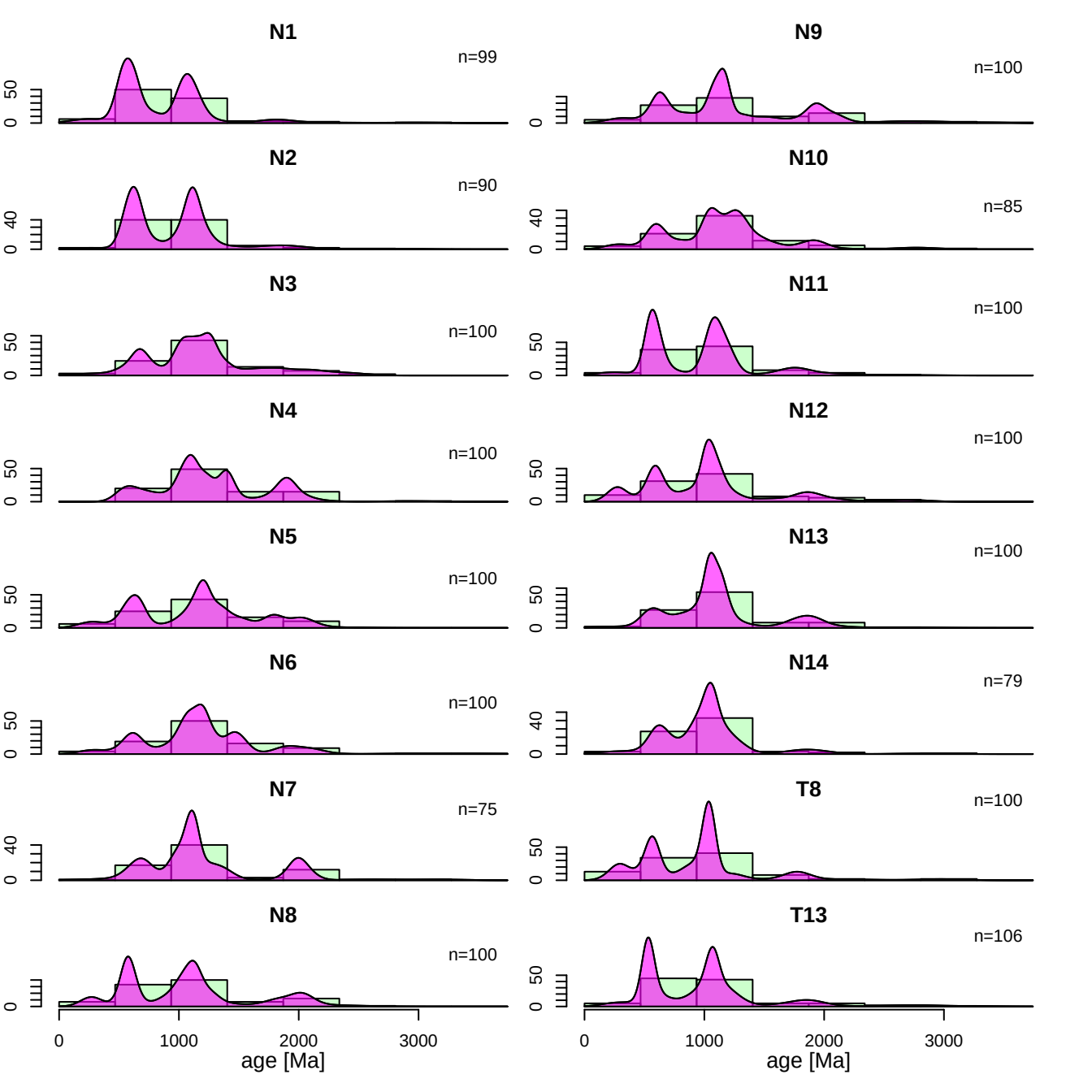

mean = 61.75 ± 0.28 | 1.2
Includes 56% of the $^{39}$Ar
age [Ma]
60
62
64
66
68
70
72
0.0
0.2
0.4
0.6
0.8
1.0
cumulative $^{39}$Ar fraction
help("read.data")

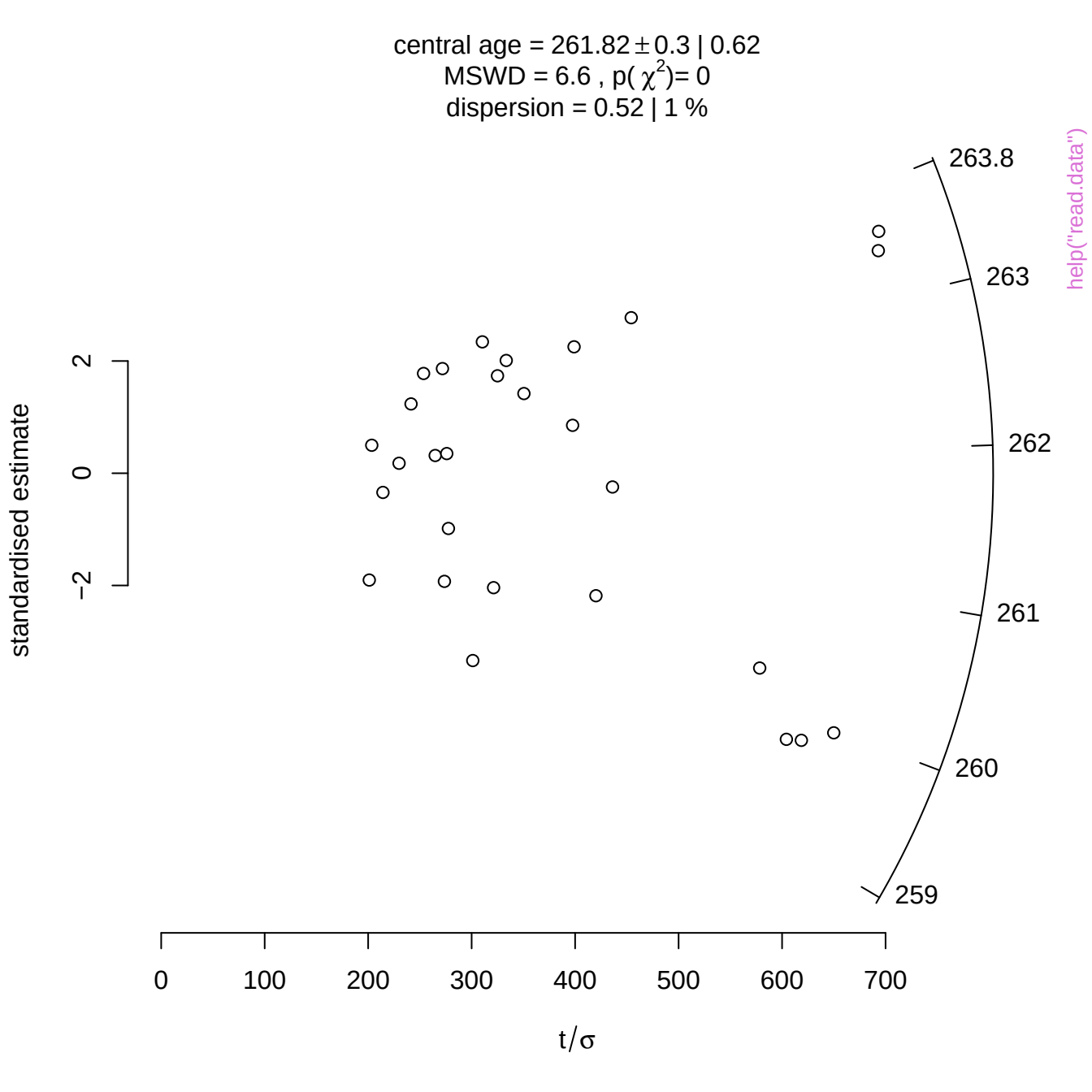

age = 61.6 ± 0.32 | 0.73 | 1.41
($^{40}$Ar/$^{36}$Ar)$_o$ = 302.2 ± 0.71 | 1.6 | 3.86
MSWD = 5.7 , p( $\chi^2$)= 6.2e−08
$^{36}$Ar/$^{40}$Ar
0.0025
0.0020
0.0015
0.0010
0.06
0.08
0.10
0.12
0.14
0.16
$^{39}$Ar/$^{40}$Ar
help("read.data")

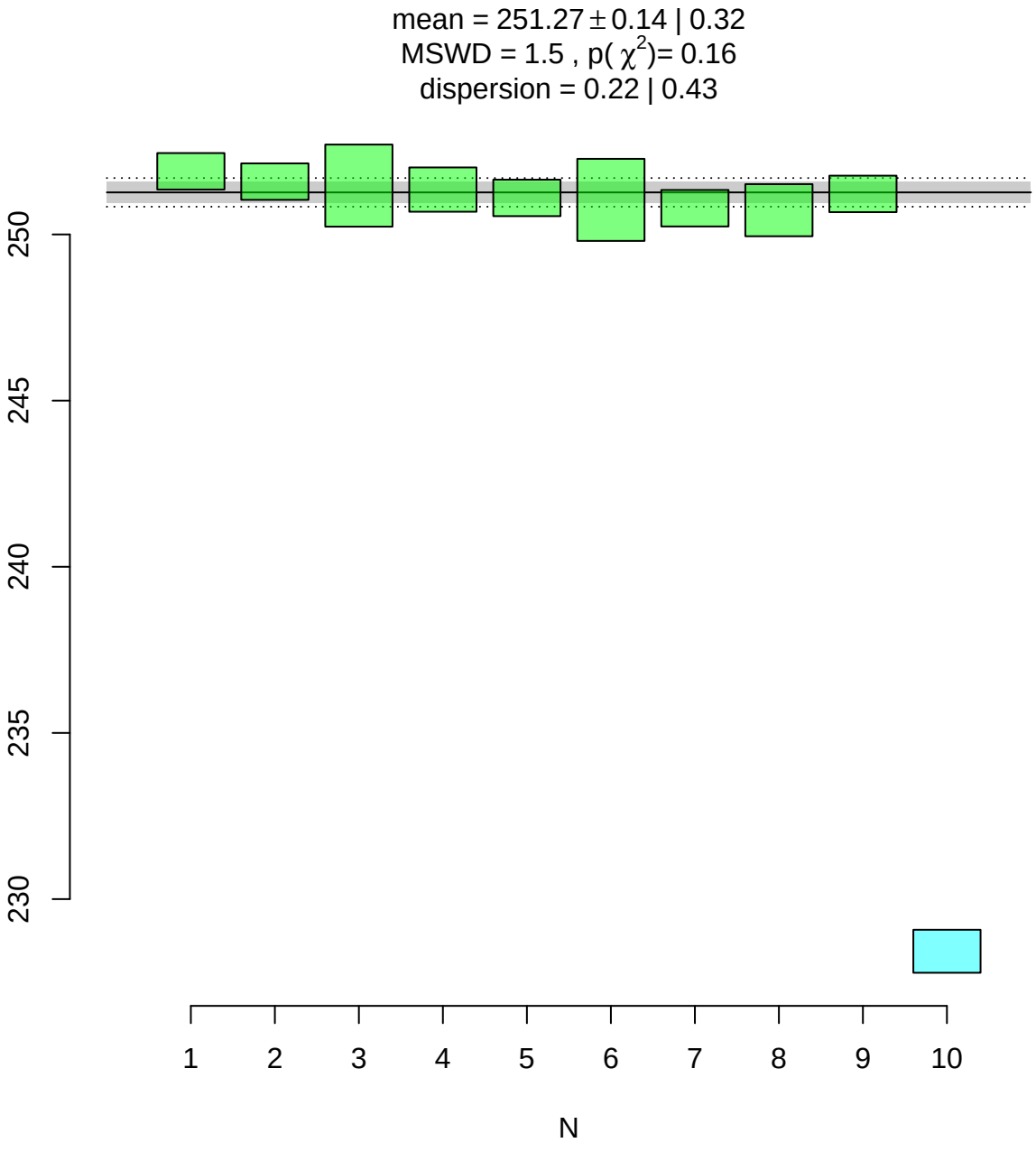

central age = 103 ± 4.8 | 9.9
MSWD = 0.72 , p( χ2)= 0.84
dispersion = 0.2 | 0.4 %
standardised estimate
2
0
−2
160
140
120
100
80
64
0
100
200
300
400
500
700
Ns+Ni
help("read.data")

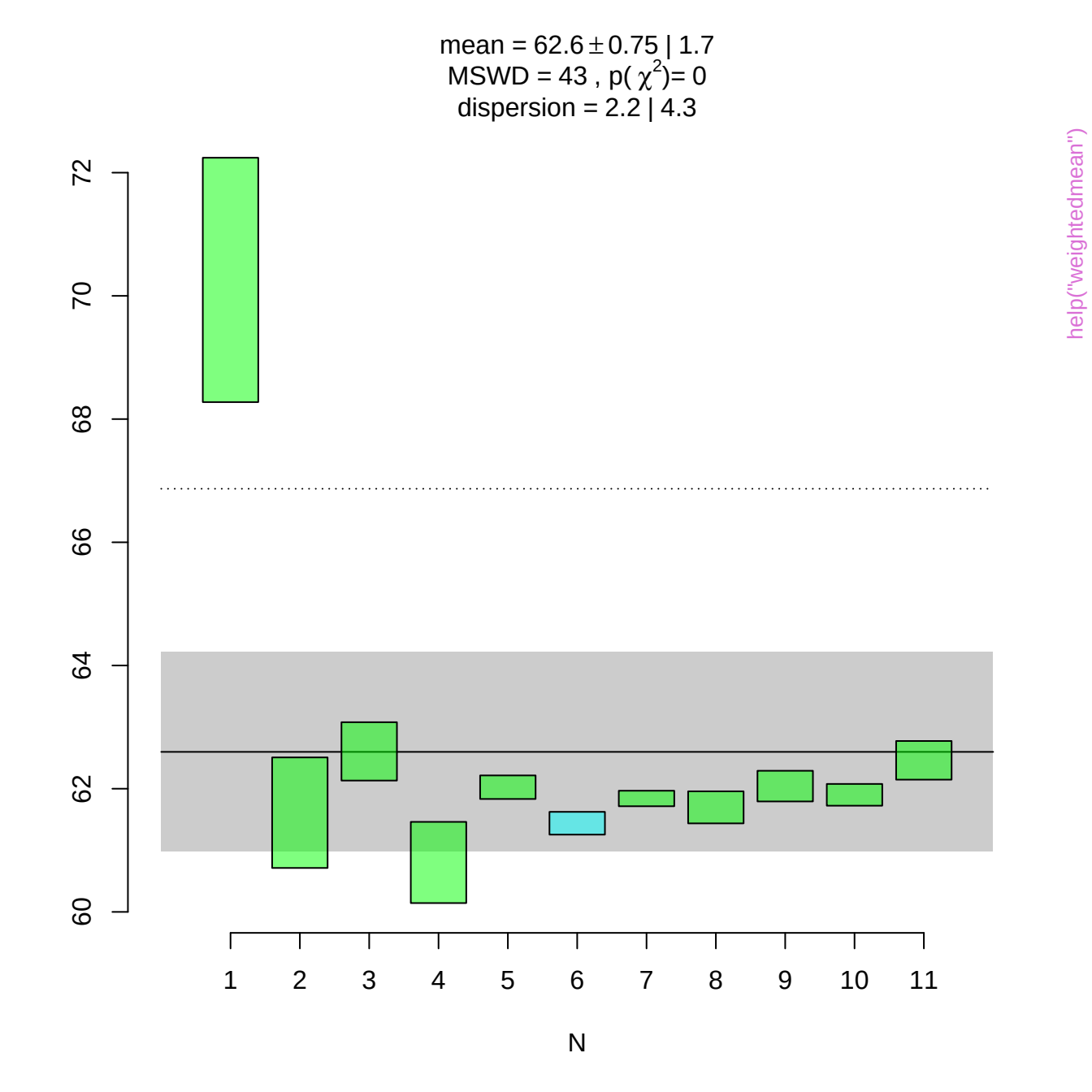

central age = 6.422 ± 0.079 | 0.16 | 0.649
MSWD = 17 , p( χ2)= 0
4 Ma
6 Ma
8 Ma
10 Ma
log[Th/He]
log[U/He]
5.0
5.2
5.4
5.6
5.8
6.0
3.4
3.6
3.8
4.0
4.2
4.4
4.6
help("read.data")

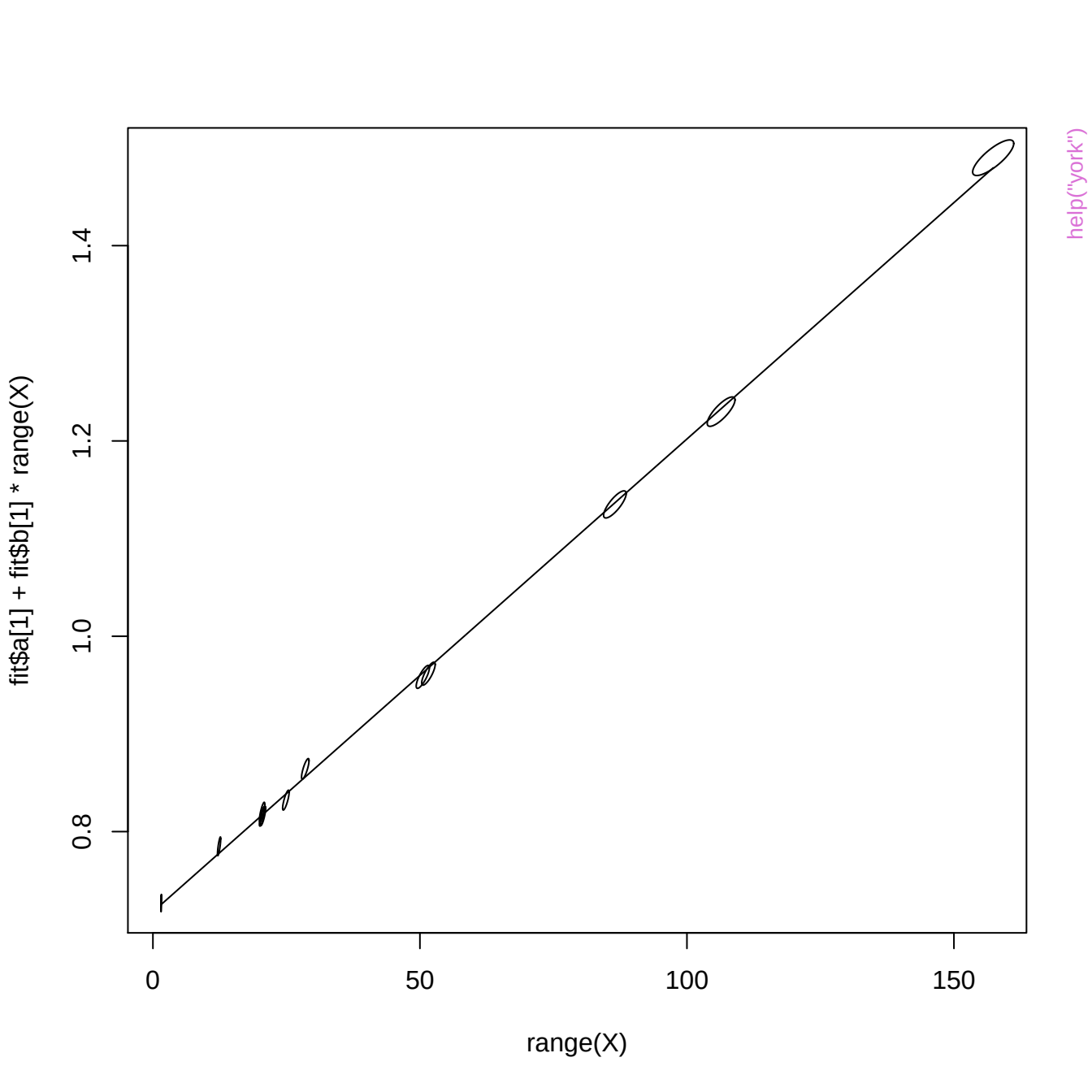

50
100
150
200
250
300
350
400
1.25
1.20
1.15
1.10
1.05
1.00
$^{234}U/^{238}U$
0.0
0.2
0.4
0.6
0.8
1.0
1.2
$^{230}Th/^{238}U$
help("read.data")


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]


central age = 261.82 ± 0.3 | 0.62
MSWD = 6.6 , p( χ2)= 0
dispersion = 0.52 | 1 %
standardised estimate
2
0
−2
263.8
263
262
261
260
259
0
100
200
300
400
500
600
700
t/σ
help("read.data")


mean = 251.27 ± 0.14 | 0.32
MSWD = 1.5 , p( χ2)= 0.16
dispersion = 0.22 | 0.43
250
245
240
235
230
1
2
3
4
5
6
7
8
9
10
N
help("weightedmean")


mean = 62.6 ± 0.75 | 1.7
MSWD = 43 , p( χ2)= 0
dispersion = 2.2 | 4.3
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)