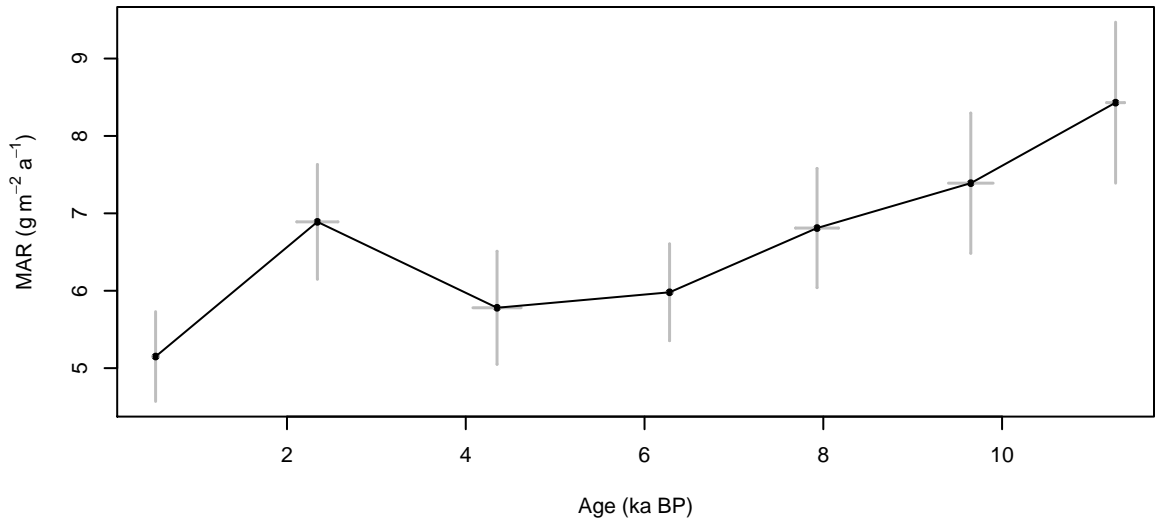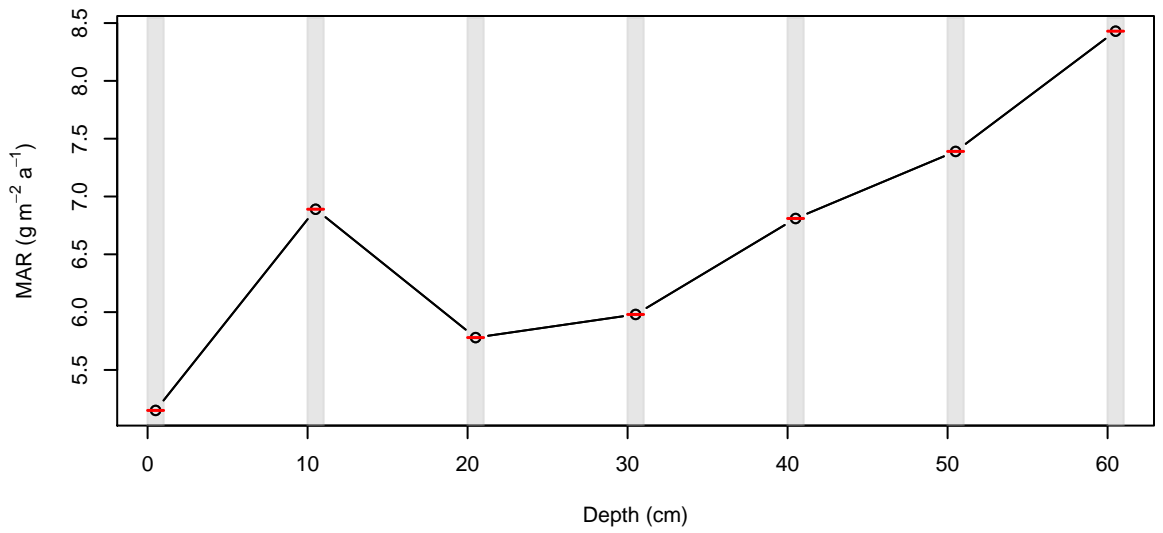# OC437−07−GC27


```
OC437-07-GC27
Reference: McGee et al. 2013
Depth: depths given in paper. Assume they are center, and assume thickness is 1 cm
Age: 14C
Age error: from 14C error
SBMAR: 230Th
SBMAR err: from xs-Th error
EC: end-member aeolian component of the terrigenous fraction
EC err: assume 15%
Size: Beckman-Coulter LS200 laser diffraction
```
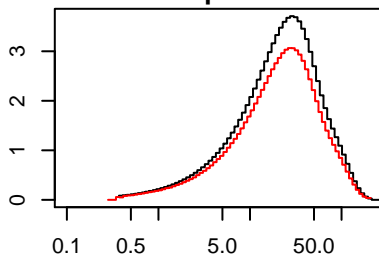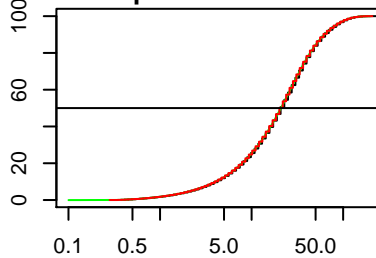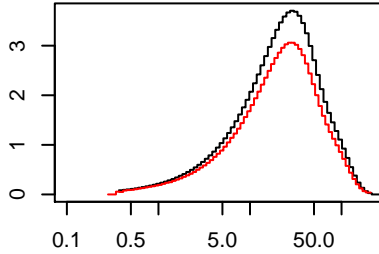
Sample 0.5

Sample 0.5 cumulative

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) =  0.74 / 0.73
5%(obs/new) =  2.26 / 2.27
25%(obs/new) =  10.06 / 9.74
75%(obs/new) =  37.12 / 38.18
95%(obs/new) =  85.94 / 82.26
99%(obs/new) = 124.77 / 126
```

Sample 10.5
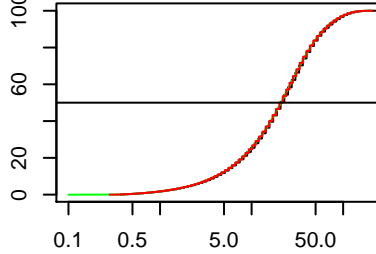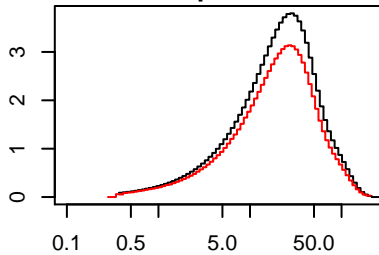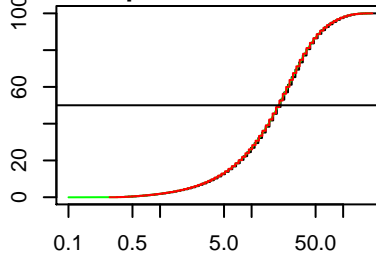
Sample 10.5 cumulative

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) =  0.74 / 0.73
5%(obs/new) =  2.26 / 2.27
25%(obs/new) =  10.06 / 9.74
75%(obs/new) =  37.12 / 38.18
95%(obs/new) =  85.94 / 82.26
99%(obs/new) = 124.77 / 126
```
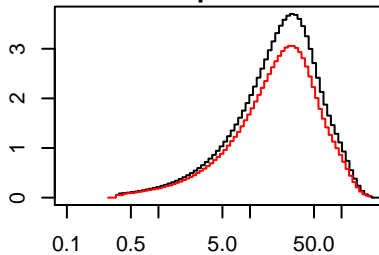
Sample 20.5

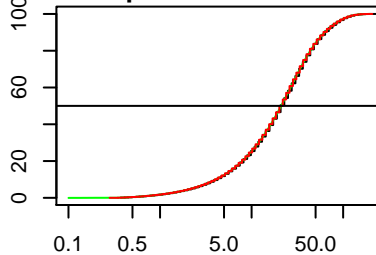**Sample 20.5 cumulative**

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) =  0.68 / 0.73
5%(obs/new) =  2.06 / 2.08
25%(obs/new) =  9.16 / 9.74
75%(obs/new) =  33.82 / 35.05
95%(obs/new) =  78.28 / 75.53
99%(obs/new) = 113.7 / 115.7
```
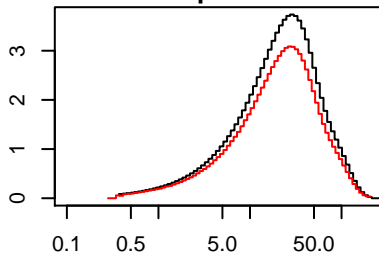
Sample 30.5

Sample 30.5 cumulative

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) =  0.74 / 0.73
5%(obs/new) =  2.26 / 2.27
25%(obs/new) =  10.06 / 9.74
75%(obs/new) =  37.12 / 38.18
95%(obs/new) =  85.94 / 82.26
99%(obs/new) = 124.77 / 126
```
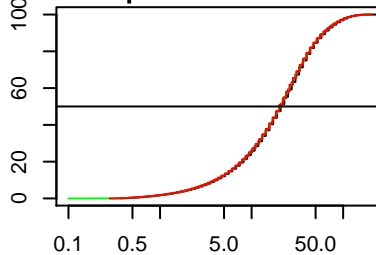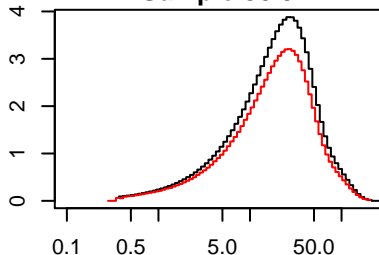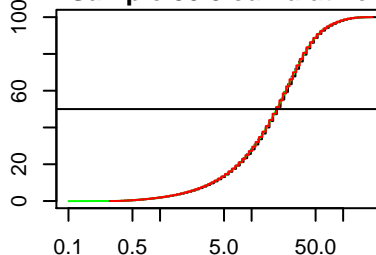
Sample 40.5

Sample 40.5 cumulative

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) =  0.74 / 0.73
5%(obs/new) =  2.26 / 2.27
25%(obs/new) =  10.06 / 9.74
75%(obs/new) =  37.12 / 38.18
95%(obs/new) =  78.28 / 82.26
99%(obs/new) = 124.77 / 126
```

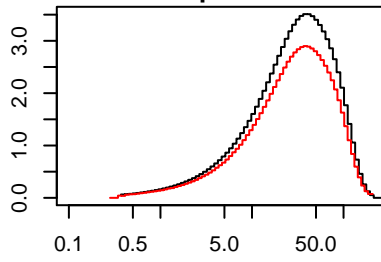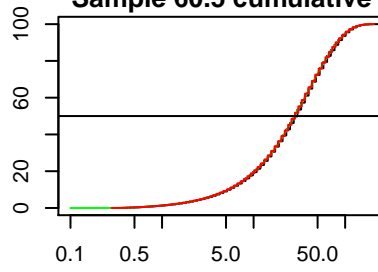**Sample 50.5**

Sample 50.5 cumulative

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) =  0.68 / 0.67
5%(obs/new) =  2.06 / 2.08
25%(obs/new) =  9.16 / 8.94
75%(obs/new) =  33.82 / 32.19
95%(obs/new) =  71.31 / 69.36
99%(obs/new) = 113.7 / 115.7
```
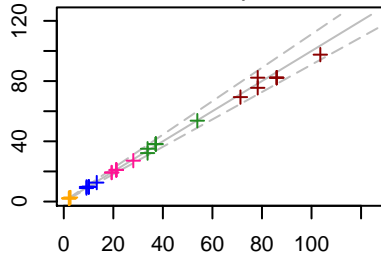
Sample 60.5

Sample 60.5 cumulative

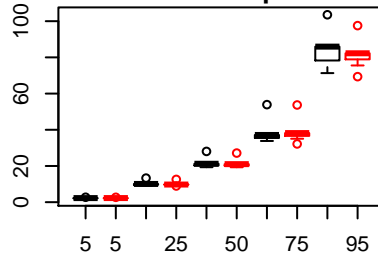5/25/50/75/95 percentiles

OC437−07−GC27 percentiles

Sample statistics
Mass conserved = 1
Median(obs/new) = 28.06 / 27.14
1%(obs/new) = 0.81 / 0.87
5%(obs/new) = 2.73 / 2.7
25%(obs/new) = 13.3 / 12.59
75%(obs/new) = 53.91 / 53.7
95%(obs/new) = 103.56 / 97.56
99%(obs/new) = 136.97 / 137.21

Site statistics
Percentiles Pearson's corr. = 0.958
Mean normalized bias = −0.01