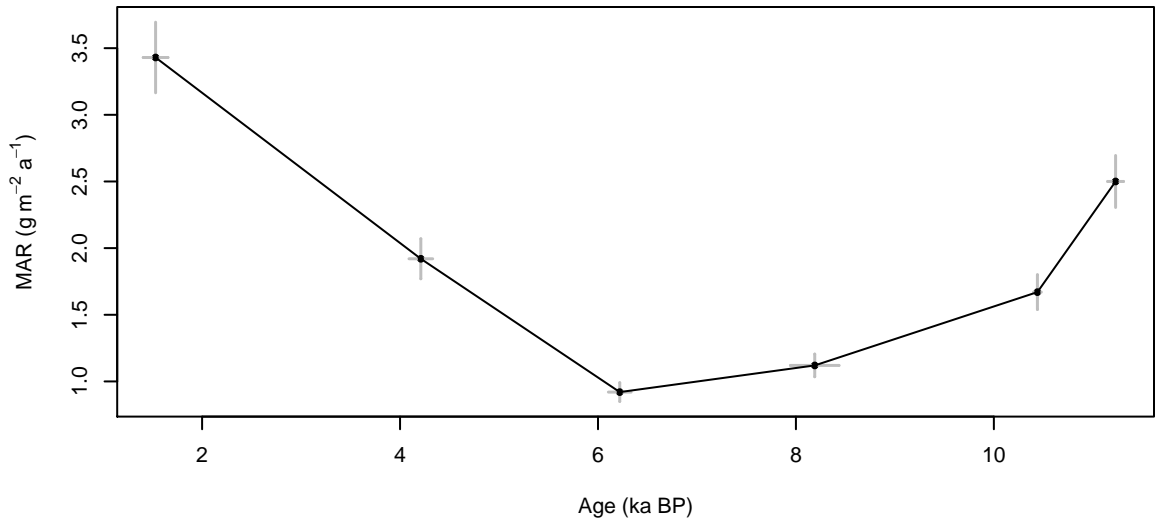
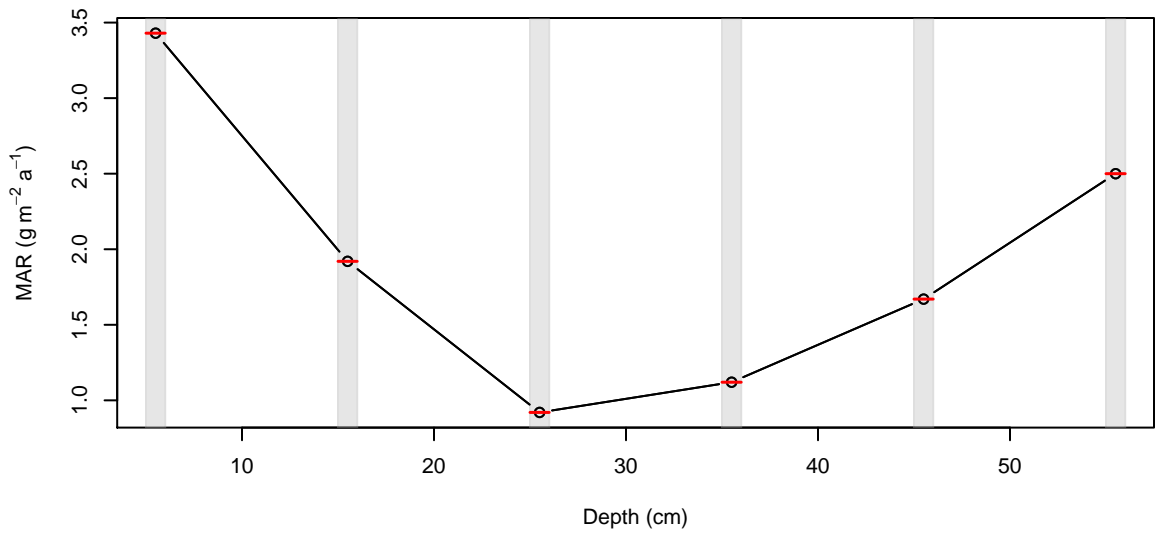


# OC437-07-GC37



OC437-07-GC37

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

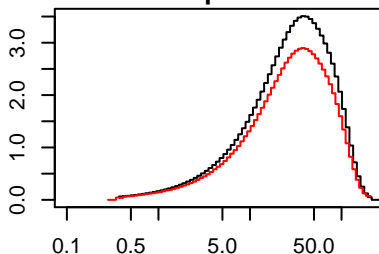
SBMAR err: from xs-Th error

EC: end-member aeolian component of the terrigenous fraction

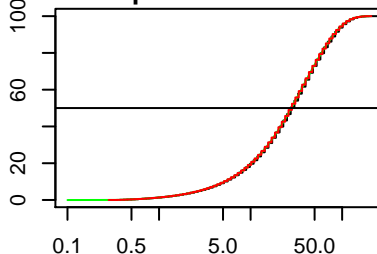
EC err: assume 15%

Size: Beckman-Coulter LS200 laser diffraction

Sample 2.5

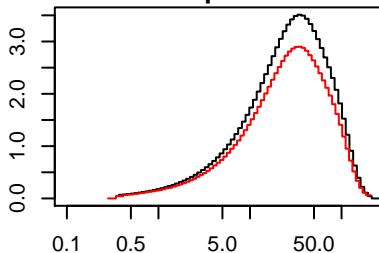


Sample 2.5 cumulative

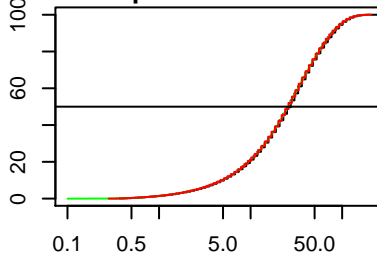


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 28.06 / 27.14  
 1%(obs/new) = 0.81 / 0.8  
 5%(obs/new) = 2.73 / 2.7  
 25%(obs/new) = 13.3 / 12.59  
 75%(obs/new) = 53.91 / 53.7  
 95%(obs/new) = 103.56 / 97.56  
 99%(obs/new) = 136.97 / 137.21

Sample 7.5

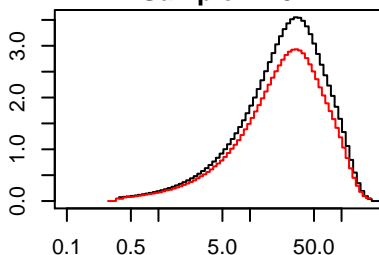


Sample 7.5 cumulative

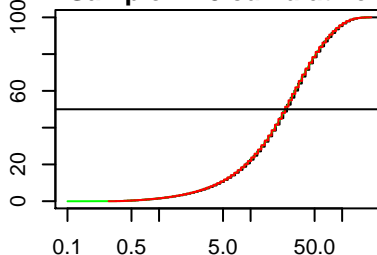


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 25.56 / 24.92  
 1%(obs/new) = 0.81 / 0.8  
 5%(obs/new) = 2.49 / 2.7  
 25%(obs/new) = 12.12 / 11.56  
 75%(obs/new) = 49.11 / 49.31  
 95%(obs/new) = 94.34 / 97.56  
 99%(obs/new) = 136.97 / 137.21

Sample 12.5

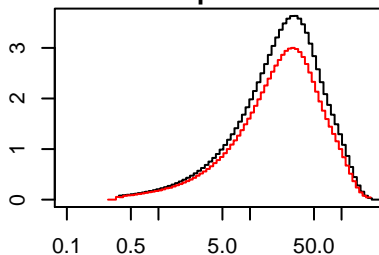


Sample 12.5 cumulative

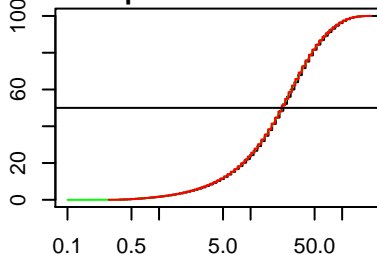


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 23.29 / 24.92  
 1%(obs/new) = 0.74 / 0.8  
 5%(obs/new) = 2.49 / 2.47  
 25%(obs/new) = 11.04 / 11.56  
 75%(obs/new) = 44.74 / 45.28  
 95%(obs/new) = 94.34 / 97.56  
 99%(obs/new) = 136.97 / 137.21

Sample 17.5

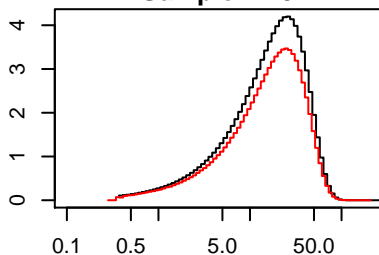


Sample 17.5 cumulative

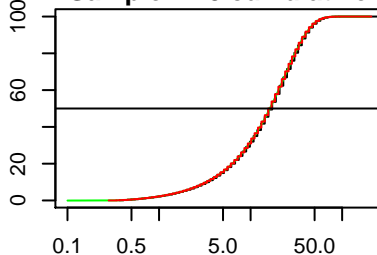


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 21.21 / 22.88  
 1%(obs/new) = 0.74 / 0.73  
 5%(obs/new) = 2.26 / 2.27  
 25%(obs/new) = 10.06 / 10.61  
 75%(obs/new) = 40.75 / 41.58  
 95%(obs/new) = 85.94 / 89.58  
 99%(obs/new) = 124.77 / 126

Sample 22.5

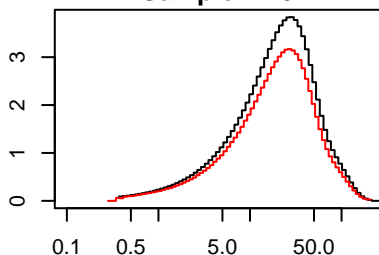


Sample 22.5 cumulative

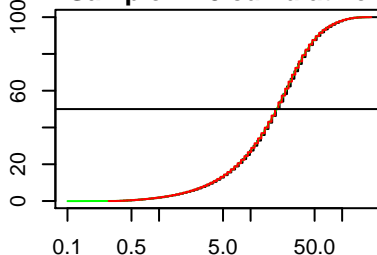


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 16.04 / 16.26  
 1%(obs/new) = 0.68 / 0.67  
 5%(obs/new) = 1.88 / 1.75  
 25%(obs/new) = 7.61 / 7.54  
 75%(obs/new) = 28.06 / 27.14  
 95%(obs/new) = 44.74 / 45.28  
 99%(obs/new) = 59.17 / 63.69

Sample 27.5

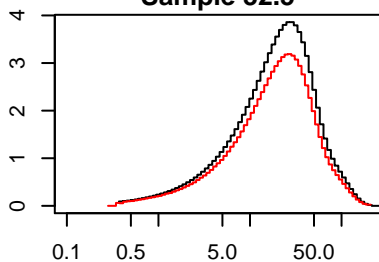


Sample 27.5 cumulative

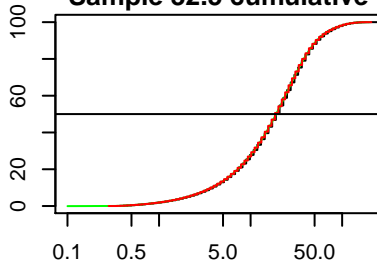


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 19.32 / 19.29  
 1%(obs/new) = 0.68 / 0.67  
 5%(obs/new) = 2.06 / 2.08  
 25%(obs/new) = 9.16 / 8.94  
 75%(obs/new) = 33.82 / 35.05  
 95%(obs/new) = 71.31 / 75.53  
 99%(obs/new) = 113.7 / 115.7

Sample 32.5

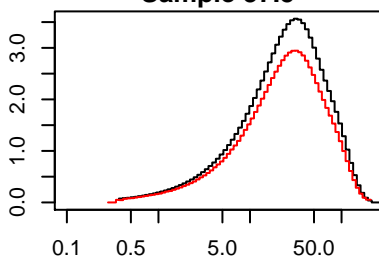


Sample 32.5 cumulative

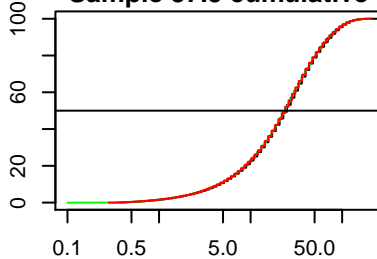


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 19.32 / 19.29  
 1%(obs/new) = 0.68 / 0.67  
 5%(obs/new) = 2.06 / 2.08  
 25%(obs/new) = 9.16 / 8.94  
 75%(obs/new) = 33.82 / 35.05  
 95%(obs/new) = 71.31 / 69.36  
 99%(obs/new) = 113.7 / 115.7

Sample 37.5

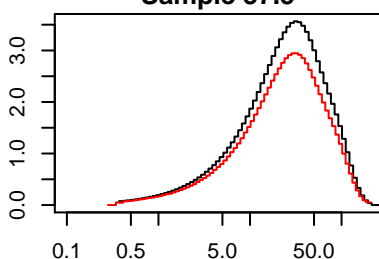


Sample 37.5 cumulative

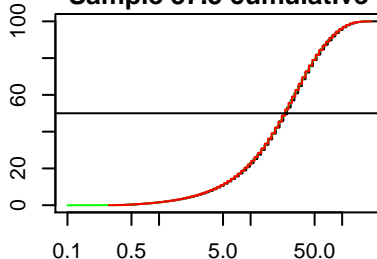


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 23.29 / 22.88  
 1%(obs/new) = 0.74 / 0.73  
 5%(obs/new) = 2.49 / 2.47  
 25%(obs/new) = 11.04 / 10.61  
 75%(obs/new) = 44.74 / 45.28  
 95%(obs/new) = 94.34 / 89.58  
 99%(obs/new) = 124.77 / 126

Sample 37.5

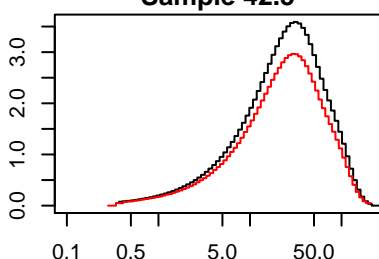


Sample 37.5 cumulative

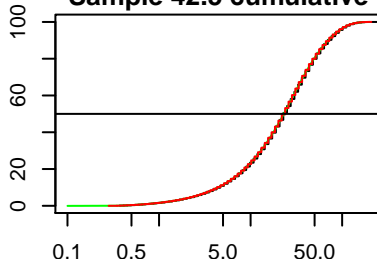


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 23.29 / 22.88  
 1%(obs/new) = 0.74 / 0.73  
 5%(obs/new) = 2.49 / 2.47  
 25%(obs/new) = 11.04 / 10.61  
 75%(obs/new) = 44.74 / 45.28  
 95%(obs/new) = 94.34 / 89.58  
 99%(obs/new) = 124.77 / 126

Sample 42.5

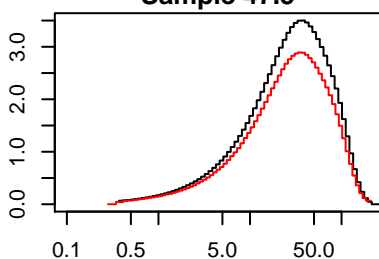


Sample 42.5 cumulative

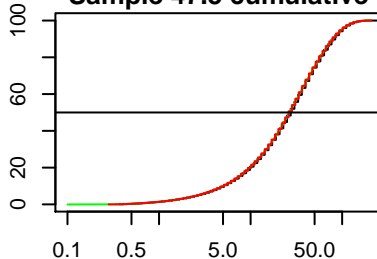


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 23.29 / 22.88  
 1%(obs/new) = 0.74 / 0.73  
 5%(obs/new) = 2.49 / 2.47  
 25%(obs/new) = 11.04 / 10.61  
 75%(obs/new) = 44.75 / 41.58  
 95%(obs/new) = 94.34 / 89.58  
 99%(obs/new) = 124.77 / 126

Sample 47.5

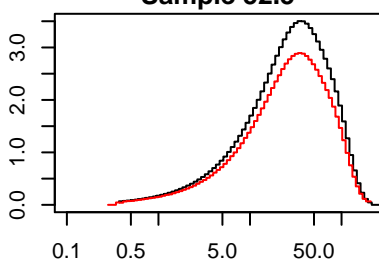


Sample 47.5 cumulative

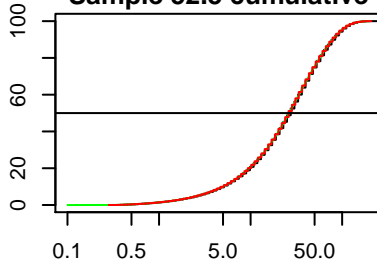


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 25.56 / 27.14  
 1%(obs/new) = 0.81 / 0.8  
 5%(obs/new) = 2.73 / 2.7  
 25%(obs/new) = 12.12 / 12.59  
 75%(obs/new) = 49.11 / 49.31  
 95%(obs/new) = 94.34 / 97.56  
 99%(obs/new) = 136.97 / 137.21

Sample 52.5

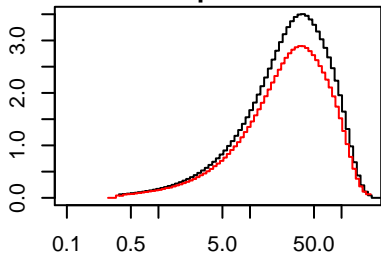


Sample 52.5 cumulative

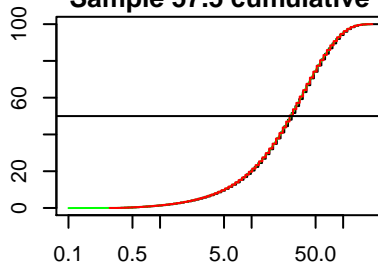


Sample statistics  
 Mass conserved = 1  
 Median(obs/new) = 25.56 / 27.14  
 1%(obs/new) = 0.81 / 0.8  
 5%(obs/new) = 2.73 / 2.7  
 25%(obs/new) = 12.12 / 12.59  
 75%(obs/new) = 49.11 / 49.31  
 95%(obs/new) = 94.34 / 97.56  
 99%(obs/new) = 136.97 / 137.21

Sample 57.5

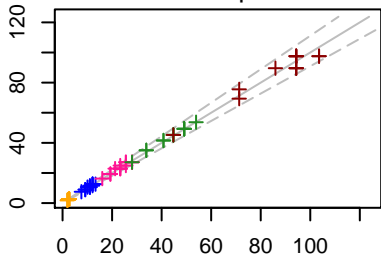


Sample 57.5 cumulative

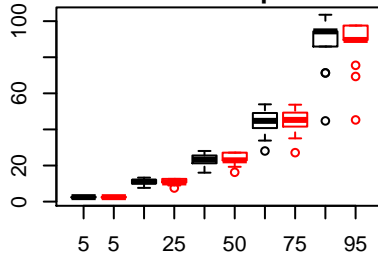


Sample statistics  
Mass conserved = 1  
Median(obs/new) = 28.06 / 27.14  
1%(obs/new) = 0.81 / 0.8  
5%(obs/new) = 2.73 / 2.7  
25%(obs/new) = 12.12 / 12.59  
75%(obs/new) = 49.11 / 49.31  
95%(obs/new) = 103.56 / 97.56  
99%(obs/new) = 136.97 / 137.21

5/25/50/75/95 percentiles



OC437-07-GC37 percentiles



Site statistics  
Percentiles Pearson's corr. = 0.966  
Mean normalized bias = 0