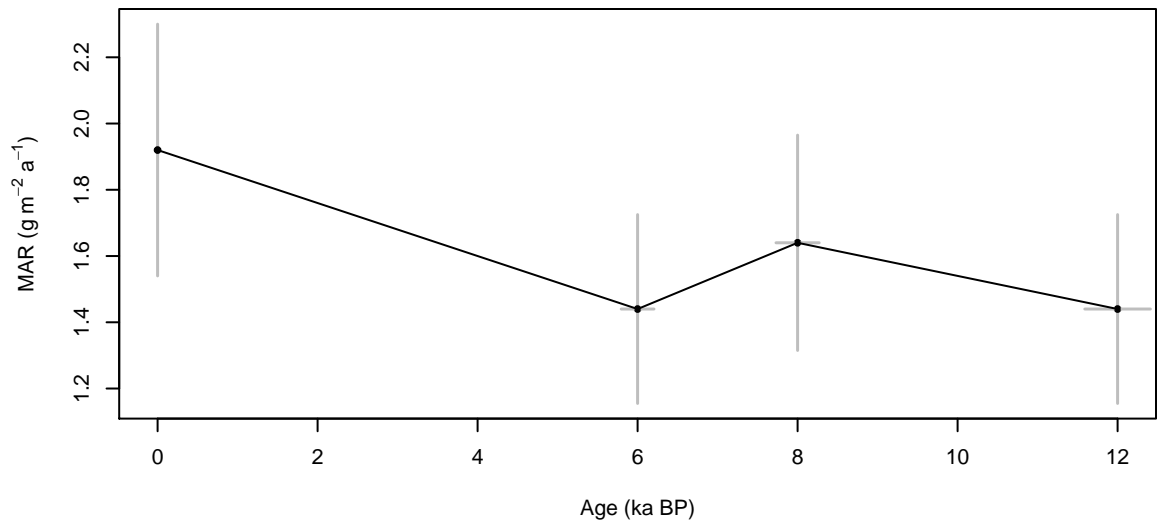
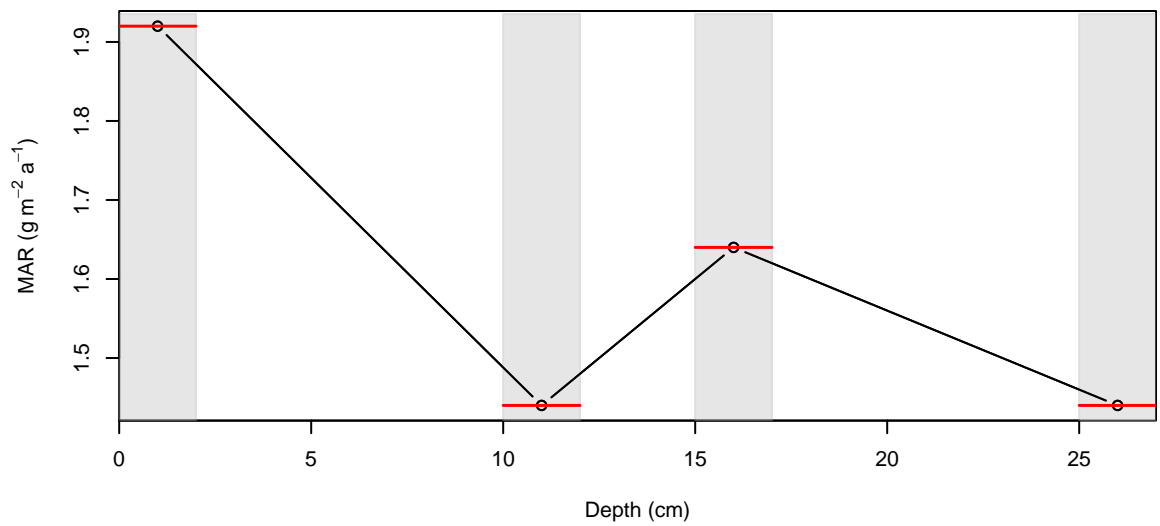


## V21-146



V21-146

Reference: Hovan et al. 1991

Depth: depth given in paper. Assuming sample thickness is 2 cm.

Age: age is top, approximating to center. Age is  $\delta 18\text{O}$  correlation with SPECMAP (Imbrie et al., 1984)

Age error: assuming 6.8%

SBMAR: LSR. DBD determined from dried salt content, assuming a constant paleosalinity.

SBMAR err: assume 6.8% from age error, 5% from terrigenous fraction.

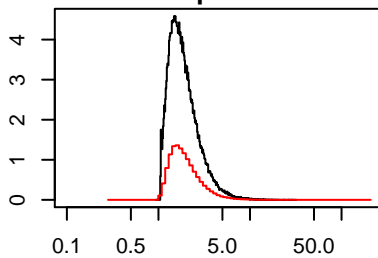
DBD uncertainty will be 25% (Rea and Leinen, 1988).

EC: terrigenous fraction. Volcanic input removed by visual estimation from smear slides

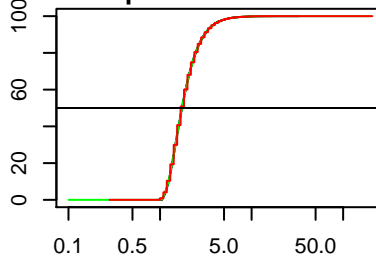
EC err: assume 5%

Size: Coulter Counter 256 channels 1-30  $\mu\text{m}$ , used dispersant

Sample 0cm

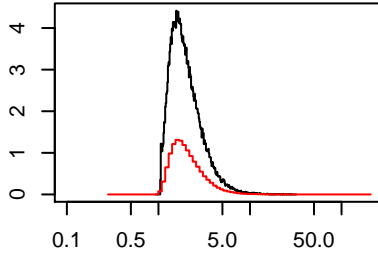


Sample 0cm cumulative

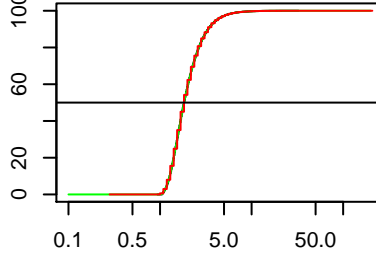


```
Sample statistics
Mass conserved = 1
Median(obs/new) = 1.73 / 1.75
1%(obs/new) = 1.07 / 1.04
5%(obs/new) = 1.16 / 1.14
25%(obs/new) = 1.41 / 1.47
75%(obs/new) = 2.26 / 2.27
95%(obs/new) = 3.77 / 3.8
99%(obs/new) = 5.95 / 5.83
```

Sample 10cm

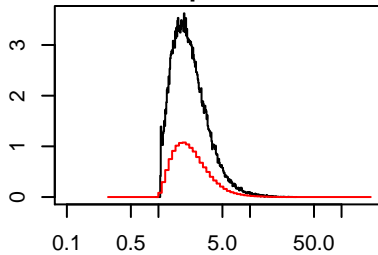


Sample 10cm cumulative

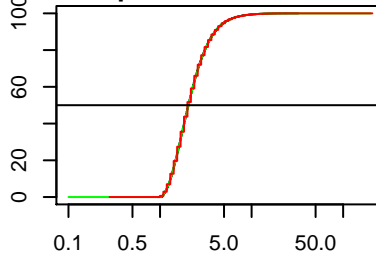


```
Sample statistics
Mass conserved = 1
Median(obs/new) = 1.83 / 1.91
1%(obs/new) = 1.08 / 1.04
5%(obs/new) = 1.19 / 1.14
25%(obs/new) = 1.47 / 1.47
75%(obs/new) = 2.45 / 2.47
95%(obs/new) = 4.15 / 4.14
99%(obs/new) = 6.75 / 6.92
```

Sample 15cm

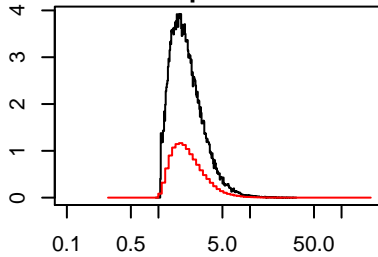


Sample 15cm cumulative

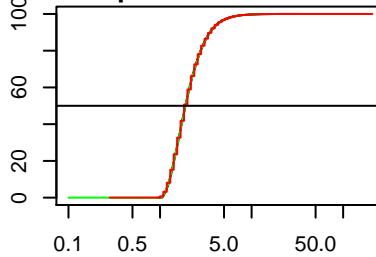


```
Sample statistics
Mass conserved = 1
Median(obs/new) = 2.05 / 2.08
1%(obs/new) = 1.08 / 1.04
5%(obs/new) = 1.19 / 1.24
25%(obs/new) = 1.57 / 1.61
75%(obs/new) = 2.82 / 2.94
95%(obs/new) = 5.04 / 4.91
99%(obs/new) = 8.54 / 8.94
```

Sample 25cm

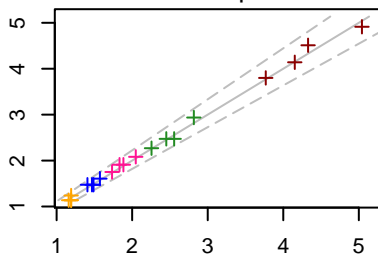


Sample 25cm cumulative

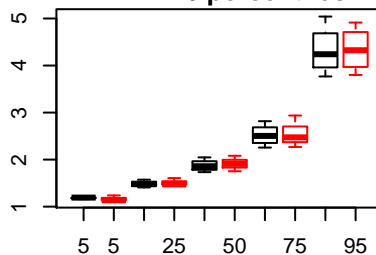


```
Sample statistics
Mass conserved = 1
Median(obs/new) = 1.88 / 1.91
1%(obs/new) = 1.08 / 1.04
5%(obs/new) = 1.19 / 1.14
25%(obs/new) = 1.49 / 1.47
75%(obs/new) = 2.56 / 2.47
95%(obs/new) = 4.33 / 4.51
99%(obs/new) = 7.03 / 6.92
```

5/25/50/75/95 percentiles



V21-146 percentiles



```
Site statistics
Percentiles Pearson's corr. = 0.974
Mean normalized bias = 0.01
```