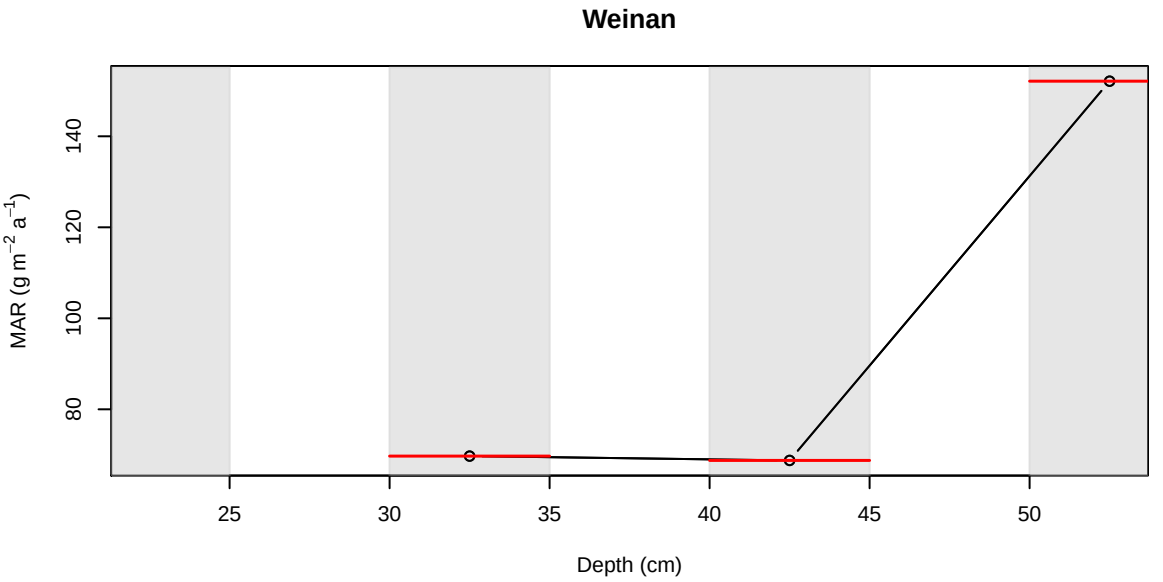
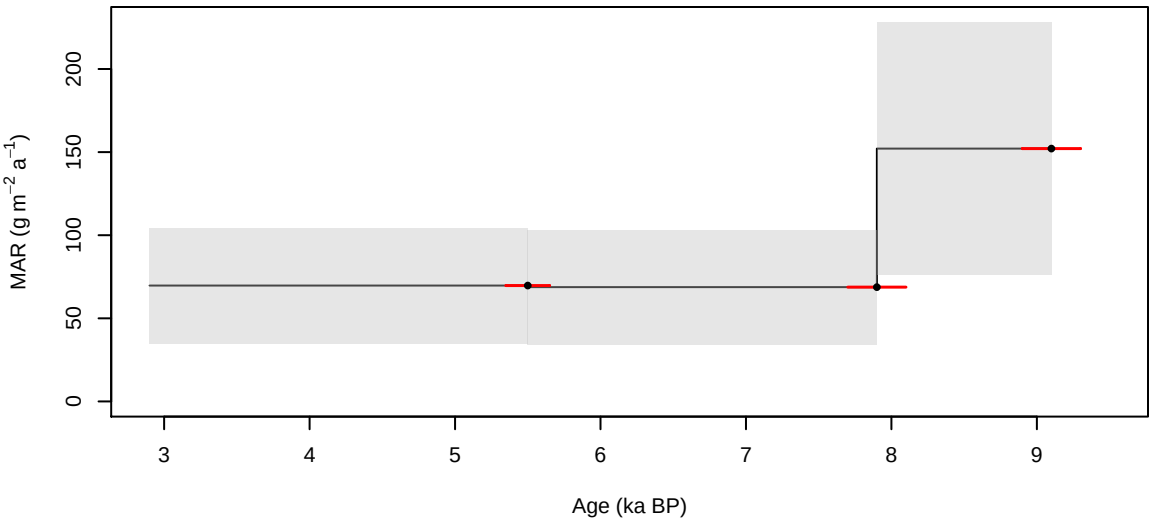
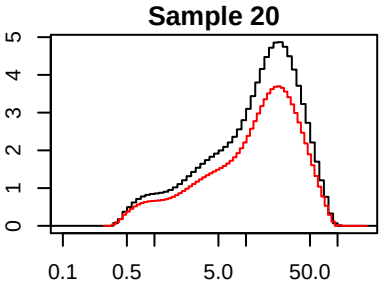
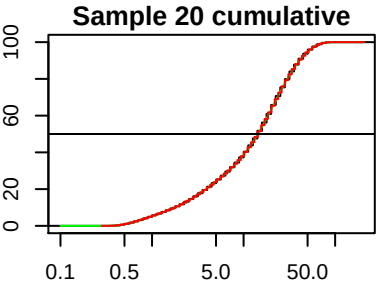


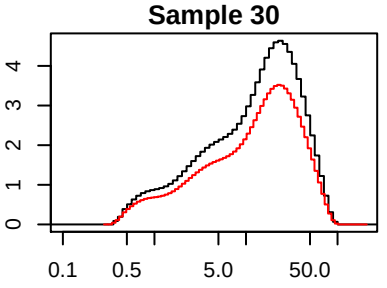


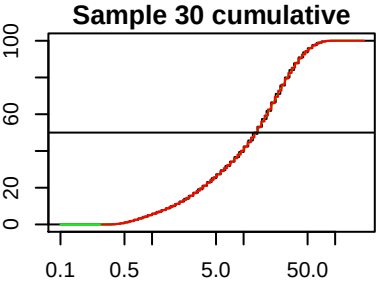
Weinan
Reference: Kang et al., 2013
Depth: OSL ages from depth interval few cm thick. Provided OSL depths are center,
and the thickness of the sample used for analysis is 5 cm, depths reported as top
Age: OSL ages. Ages are bottom ages for the sections.
SBMAR: LSR*DBD
SBMAR err: From LSR and DBD
DBD: Measured
DBD err: Assume 5%
EC: Assume it is 1, organic content negligible (Derbyshire, 1982)
Size: Malvern 2000 laser counter after removal of organic matter and carbonate



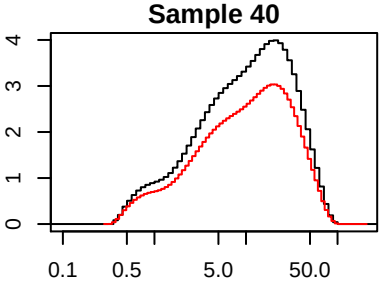


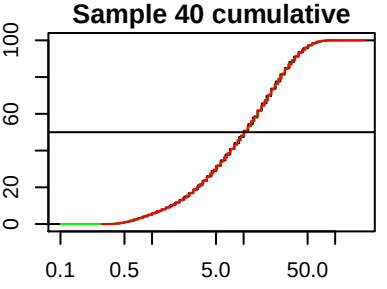

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 15.02 / 14.93
1%(obs/new) =  0.53 / 0.52
5%(obs/new) =  0.95 / 0.95
25%(obs/new) =  5.33 / 5.35
75%(obs/new) =  26.71 / 27.14
95%(obs/new) =  53.3 / 49.31
99%(obs/new) =  67.1 / 69.36
```



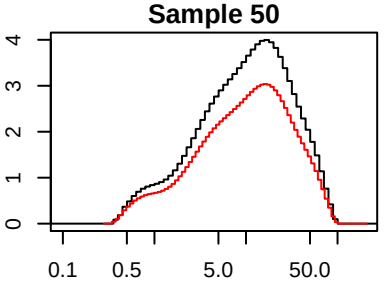


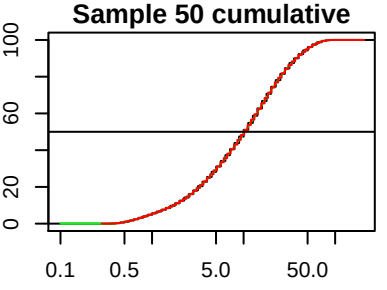

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 13.39 / 13.71
1%(obs/new) =  0.53 / 0.52
5%(obs/new) =  0.95 / 0.95
25%(obs/new) =  4.75 / 4.91
75%(obs/new) =  26.71 / 27.14
95%(obs/new) =  53.3 / 49.31
99%(obs/new) =  67.1 / 69.36
```



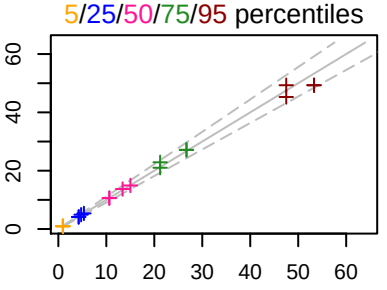


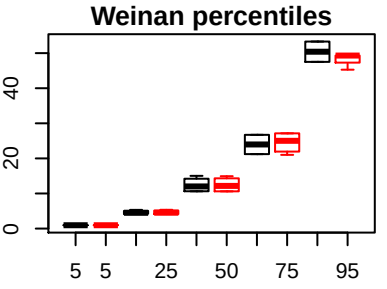

```
Sample statistics
Mass conserved = 1
Median(obs/new) = 10.64 / 10.61
1%(obs/new) =  0.53 / 0.52
5%(obs/new) =  0.95 / 0.95
25%(obs/new) =  4.23 / 4.14
75%(obs/new) =  21.22 / 22.88
95%(obs/new) =  47.51 / 45.28
99%(obs/new) =  67.1 / 63.69
```






```
Sample statistics
Mass conserved = 1
Median(obs/new) = 10.64 / 10.61
1%(obs/new) =  0.53 / 0.52
5%(obs/new) =  0.95 / 0.95
25%(obs/new) =  4.23 / 4.14
75%(obs/new) =  21.22 / 21.01
95%(obs/new) =  47.51 / 49.31
99%(obs/new) =  67.1 / 69.36
```






```
Site statistics
Percentiles Pearson's corr. = 0.577
Mean normalized bias = 0
```