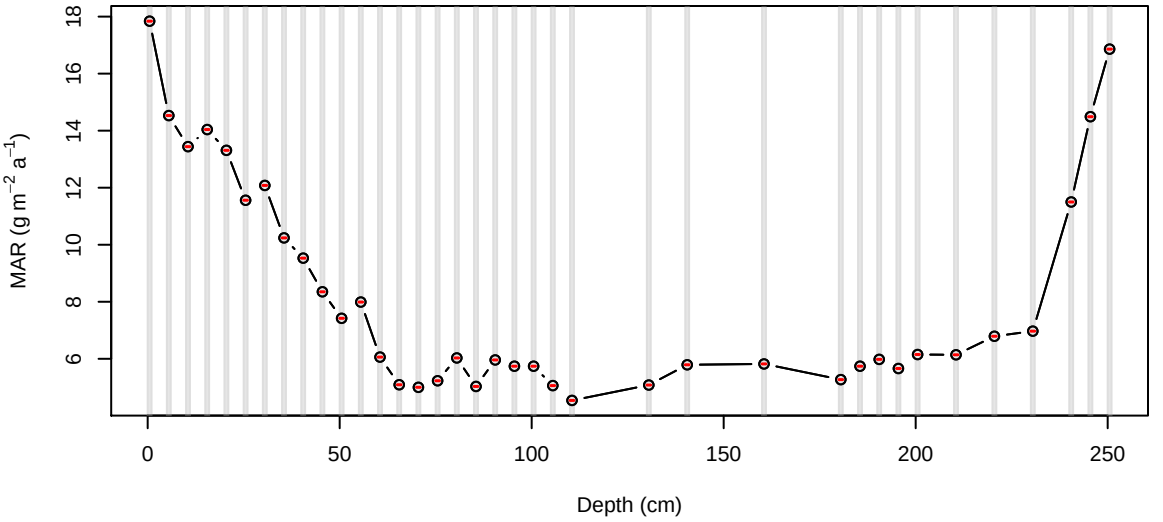
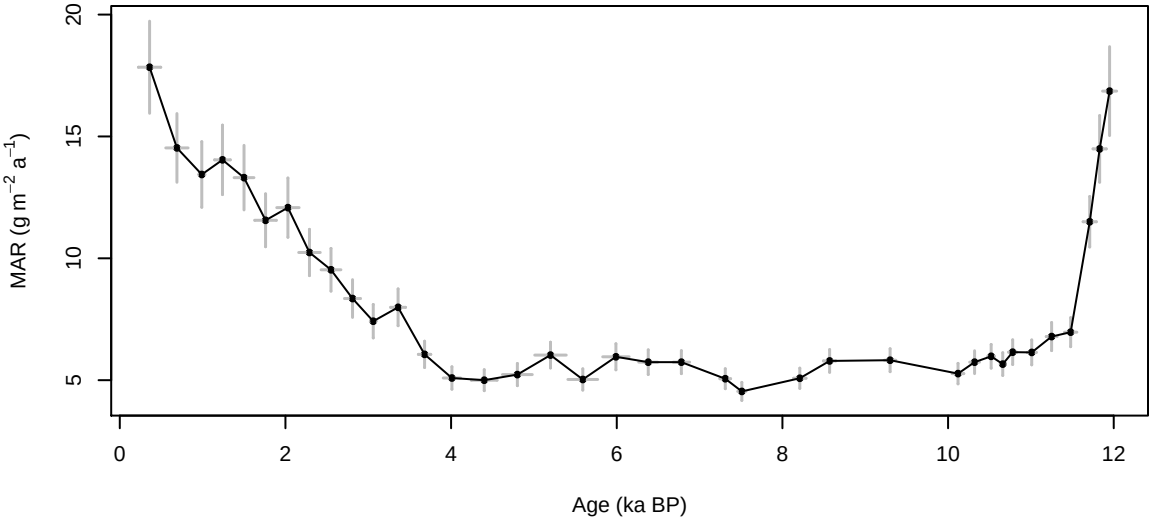
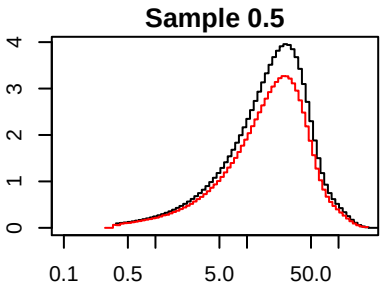
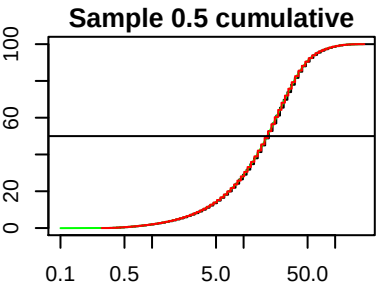
OC437−07−GC66



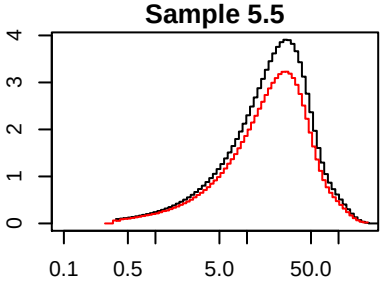


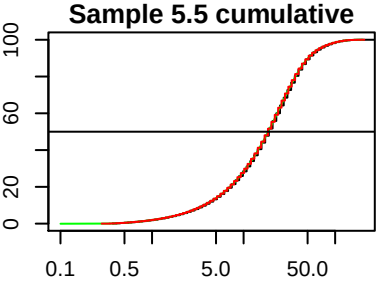
OC437−07−GC66
Reference: McGee et al. 2013
Depth: depths given in paper. Assume they are center, and assume thickness is 1 cm
Age: 14C
Age error: from 14C error
SBMAR: 230Th
SBMAR err: from xs−Th error
EC: end−member aeolian component of the terrigenous fraction
EC err: assume 15%
Size: Beckman−Coulter LS200 laser diffraction



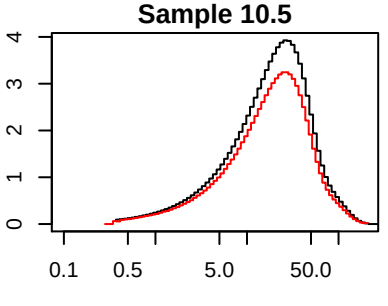


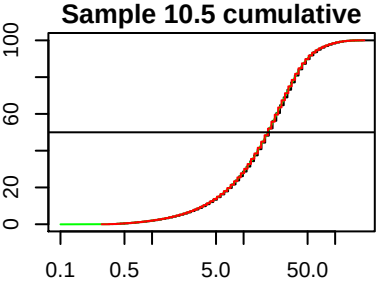
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 1.91
25%(obs/new) = 8.35 / 8.94
75%(obs/new) = 30.8 / 32.19
95%(obs/new) = 64.96 / 63.69
99%(obs/new) = 103.56 / 106.24



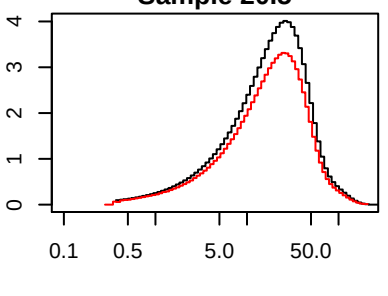


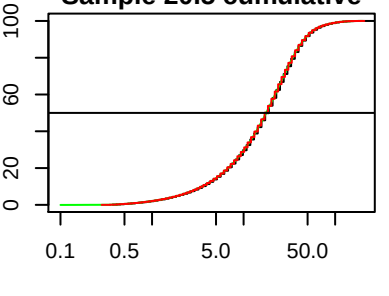
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 8.94
75%(obs/new) = 33.82 / 32.19
95%(obs/new) = 64.96 / 69.36
99%(obs/new) = 113.7 / 106.24



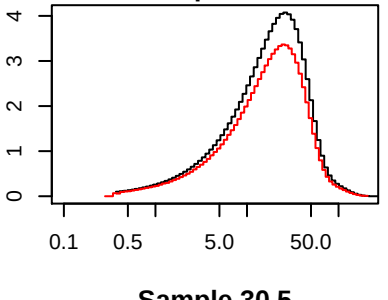


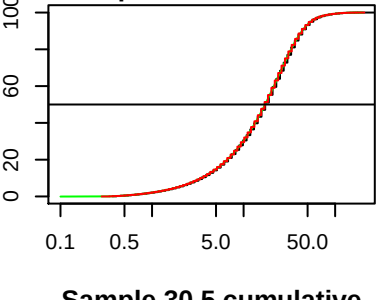
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 8.94
75%(obs/new) = 30.8 / 32.19
95%(obs/new) = 64.96 / 63.69
99%(obs/new) = 103.56 / 106.24



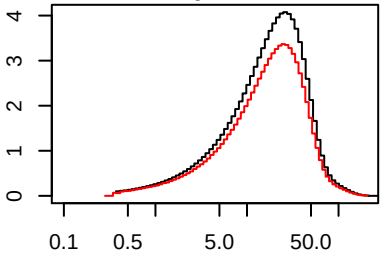


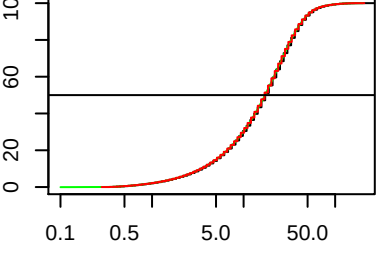
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 30.8 / 29.56
95%(obs/new) = 59.17 / 58.48
99%(obs/new) = 103.56 / 97.56



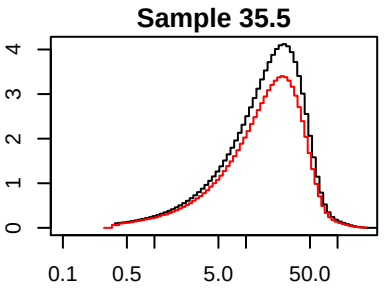


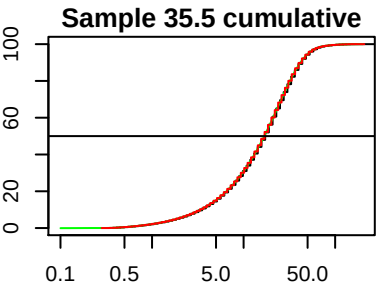
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 30.8 / 29.56
95%(obs/new) = 53.91 / 53.7
99%(obs/new) = 85.94 / 89.58



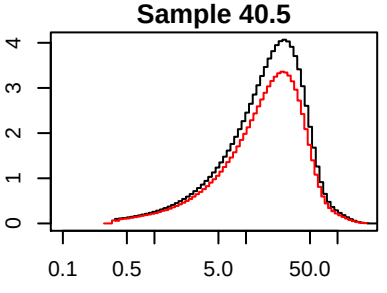


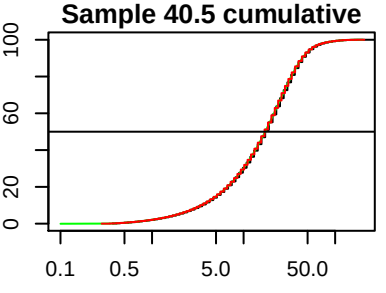
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 30.8 / 29.56
95%(obs/new) = 53.91 / 53.7
99%(obs/new) = 85.94 / 89.58



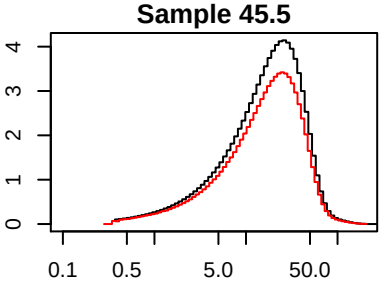


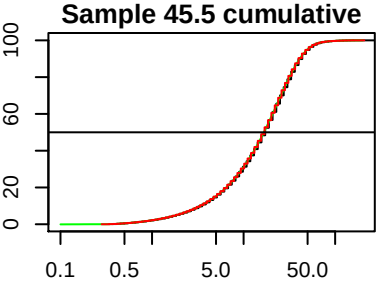
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 16.26
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 28.06 / 29.56
95%(obs/new) = 49.11 / 49.31
99%(obs/new) = 78.28 / 75.53



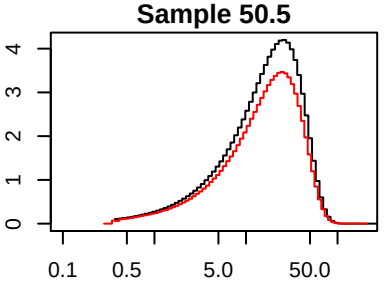


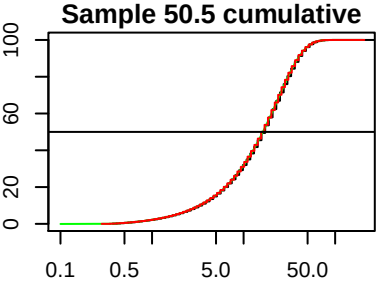
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 30.8 / 29.56
95%(obs/new) = 53.91 / 53.7
99%(obs/new) = 85.94 / 89.58



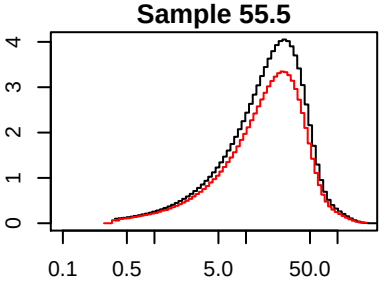


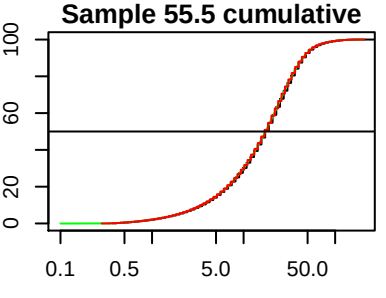
Sample statistics
Mass conserved = 1
Median(obs/new) = 16.04 / 16.26
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 28.06 / 29.56
95%(obs/new) = 49.11 / 49.31
99%(obs/new) = 71.31 / 75.53



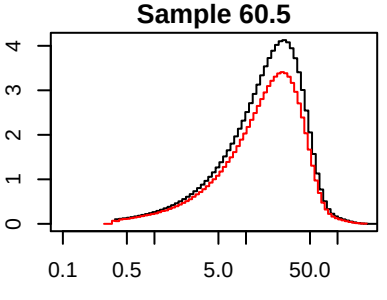


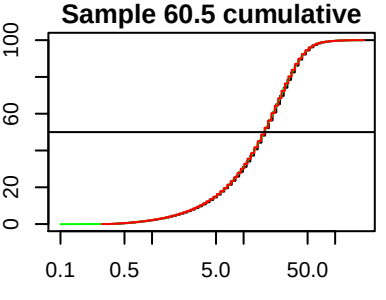
Sample statistics
Mass conserved = 1
Median(obs/new) = 16.04 / 16.26
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.75
25%(obs/new) = 7.61 / 7.54
75%(obs/new) = 28.06 / 27.14
95%(obs/new) = 44.74 / 45.28
99%(obs/new) = 59.17 / 63.69



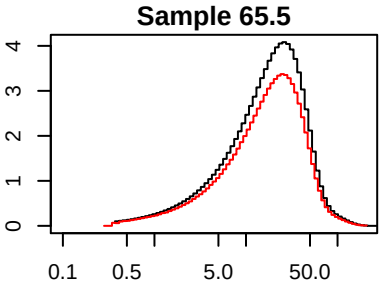


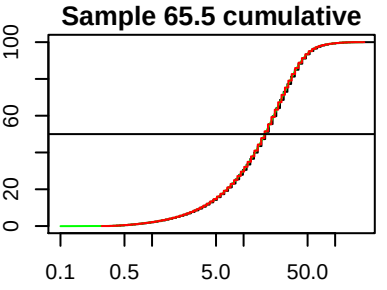
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 30.8 / 29.56
95%(obs/new) = 53.91 / 53.7
99%(obs/new) = 94.34 / 89.58



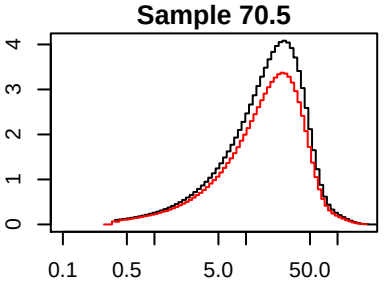


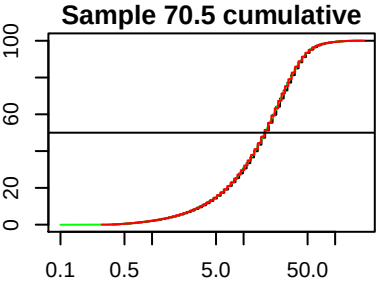
Sample statistics
Mass conserved = 1
Median(obs/new) = 16.04 / 16.26
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 28.06 / 29.56
95%(obs/new) = 49.11 / 49.31
99%(obs/new) = 78.28 / 75.53



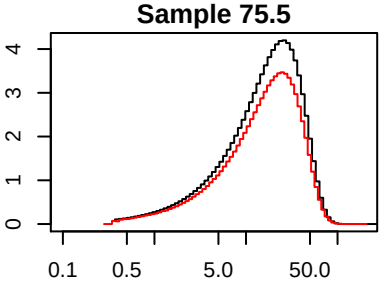


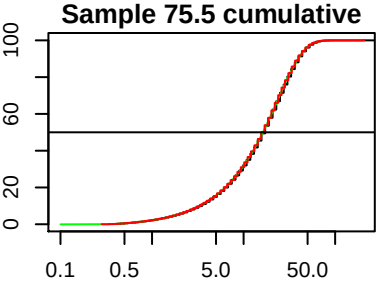
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 28.06 / 29.56
95%(obs/new) = 53.91 / 53.7
99%(obs/new) = 85.94 / 89.58



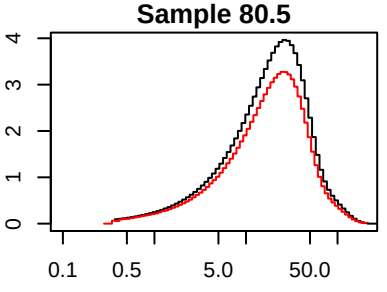


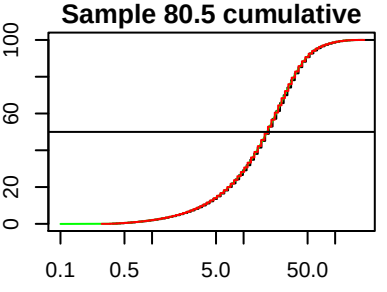
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.91
25%(obs/new) = 8.35 / 8.21
75%(obs/new) = 28.06 / 29.56
95%(obs/new) = 53.91 / 53.7
99%(obs/new) = 85.94 / 89.58



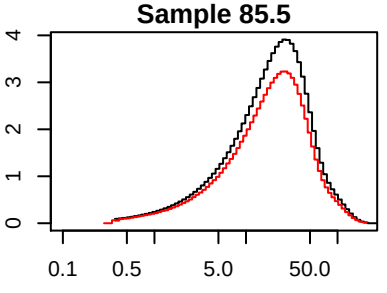


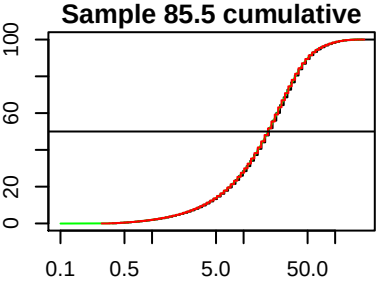
Sample statistics
Mass conserved = 1
Median(obs/new) = 16.04 / 16.26
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 1.88 / 1.75
25%(obs/new) = 7.61 / 7.54
75%(obs/new) = 28.06 / 27.14
95%(obs/new) = 44.74 / 45.28
99%(obs/new) = 59.17 / 63.69



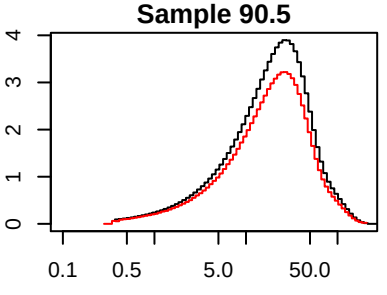


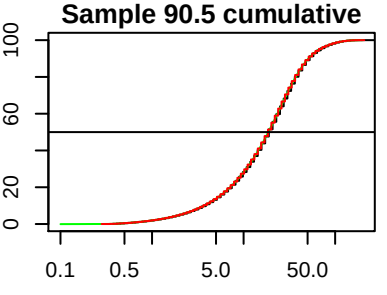
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 1.91
25%(obs/new) = 8.35 / 8.94
75%(obs/new) = 30.8 / 32.19
95%(obs/new) = 64.96 / 63.69
99%(obs/new) = 103.56 / 106.24



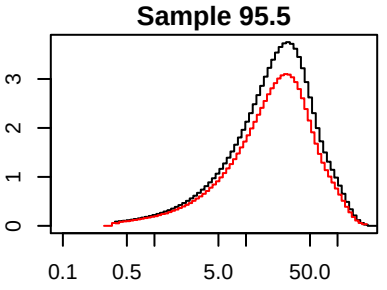


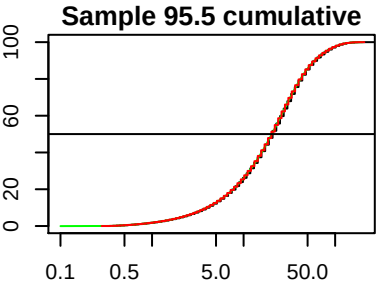
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 8.94
75%(obs/new) = 33.82 / 32.19
95%(obs/new) = 64.96 / 69.36
99%(obs/new) = 113.7 / 106.24



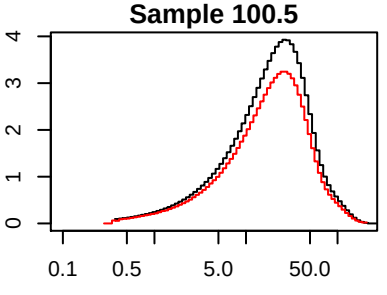


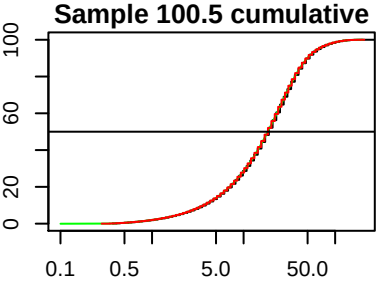
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 8.94
75%(obs/new) = 33.82 / 32.19
95%(obs/new) = 64.96 / 69.36
99%(obs/new) = 113.7 / 115.7



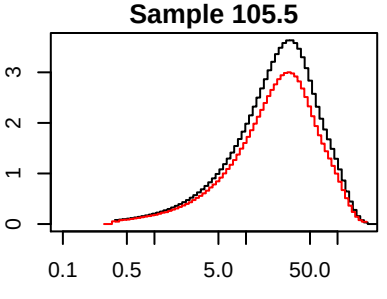


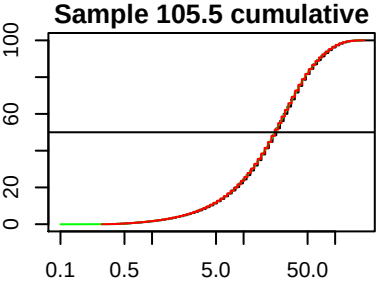
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 9.74
75%(obs/new) = 37.12 / 38.18
95%(obs/new) = 78.28 / 82.26
99%(obs/new) = 124.77 / 126



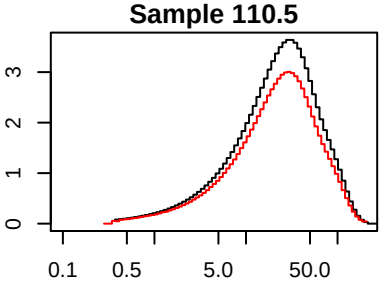


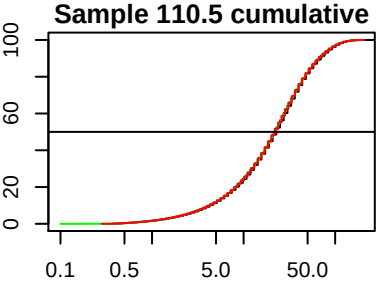
Sample statistics
Mass conserved = 1
Median(obs/new) = 17.6 / 17.71
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 8.94
75%(obs/new) = 30.8 / 32.19
95%(obs/new) = 64.96 / 63.69
99%(obs/new) = 103.56 / 106.24





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 statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 22.88
1%(obs/new) = 0.74 / 0.73
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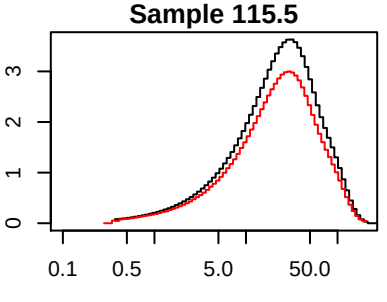
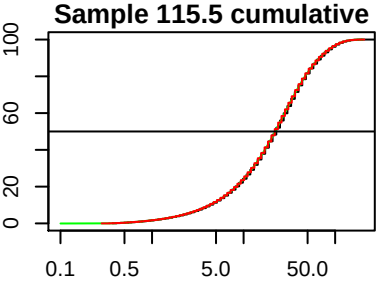
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126





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Median(obs/new) = 21.21 / 22.88
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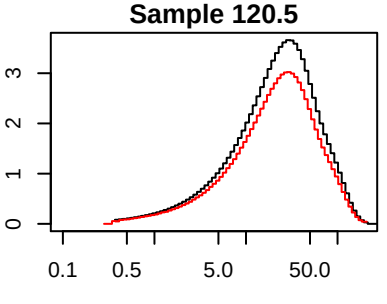
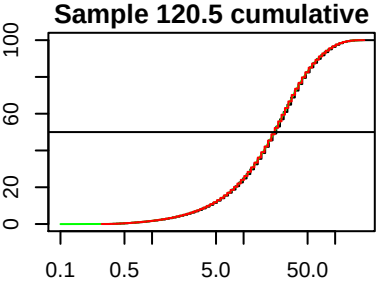
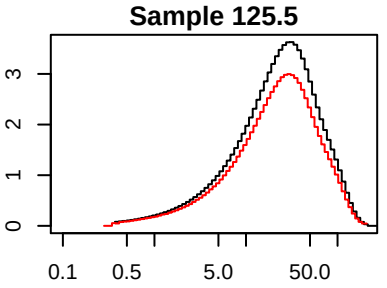
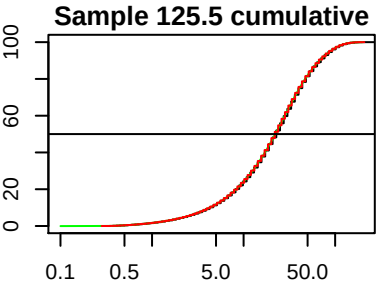
75%(obs/new) = 40.75 / 41.58
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126





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) = 40.75 / 38.18
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126





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Mass conserved = 1
Median(obs/new) = 21.21 / 22.88
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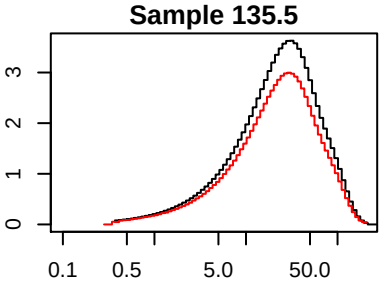
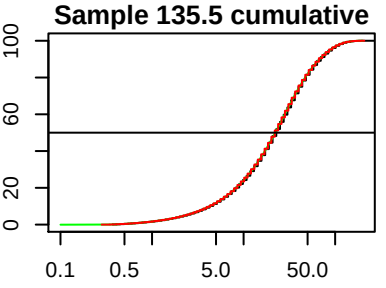
75%(obs/new) = 40.75 / 41.58
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126





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Mass conserved = 1
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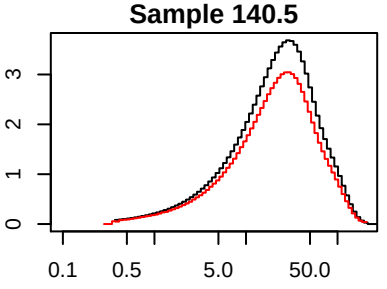
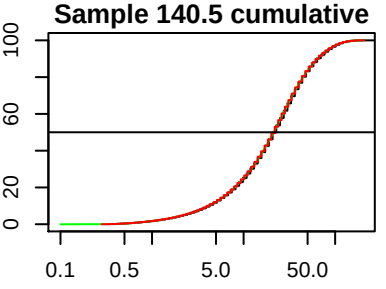
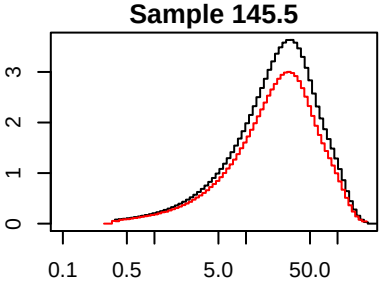
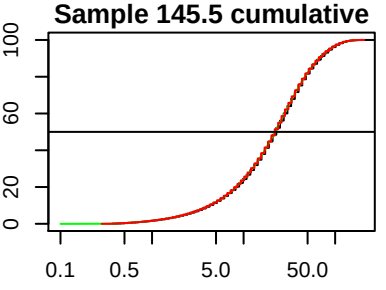
75%(obs/new) = 40.75 / 41.58
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126



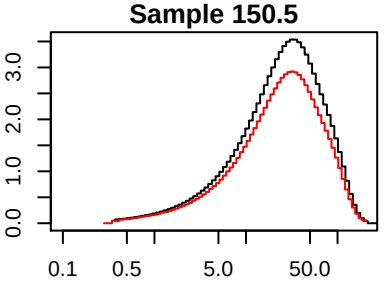


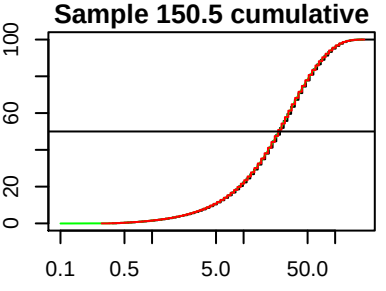
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.27
25%(obs/new) = 10.06 / 9.74
75%(obs/new) = 37.12 / 38.18
95%(obs/new) = 85.94 / 82.26
99%(obs/new) = 124.77 / 126



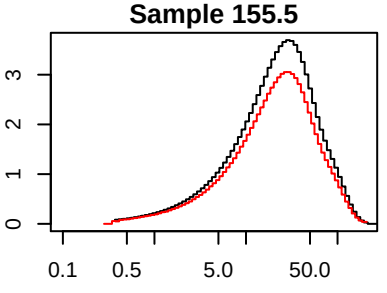


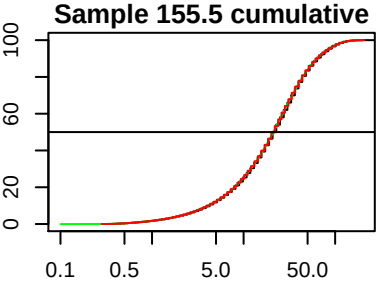
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 22.88
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.27
25%(obs/new) = 10.06 / 10.61
75%(obs/new) = 40.75 / 41.58
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126



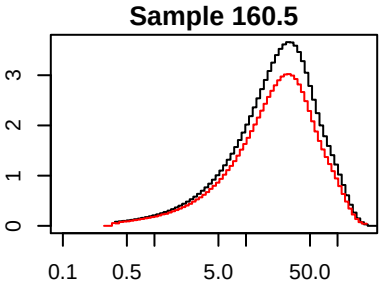


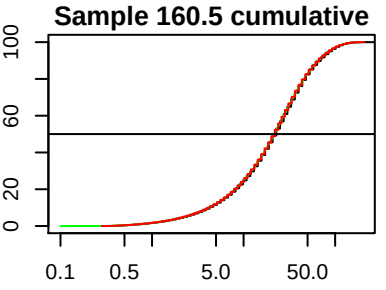
Sample statistics
Mass conserved = 1
Median(obs/new) = 23.29 / 24.92
1%(obs/new) = 0.81 / 0.8
5%(obs/new) = 2.49 / 2.47
25%(obs/new) = 11.04 / 11.56
75%(obs/new) = 44.74 / 45.28
95%(obs/new) = 94.34 / 97.56
99%(obs/new) = 136.97 / 137.21



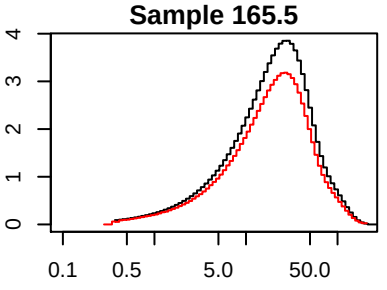


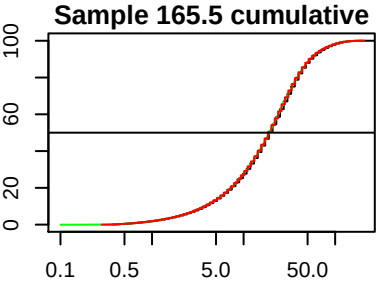
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.27
25%(obs/new) = 10.06 / 9.74
75%(obs/new) = 37.12 / 38.18
95%(obs/new) = 85.94 / 82.26
99%(obs/new) = 124.77 / 126



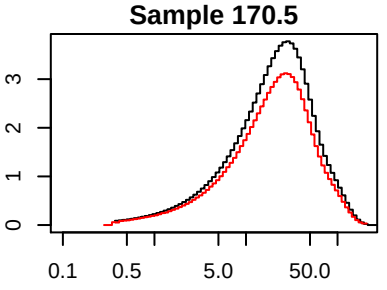


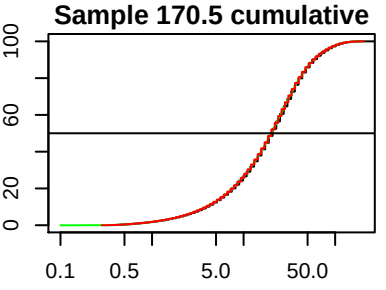
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.27
25%(obs/new) = 10.06 / 9.74
75%(obs/new) = 40.75 / 38.18
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126



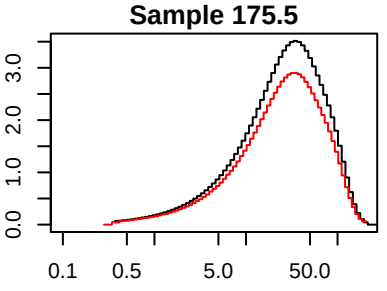


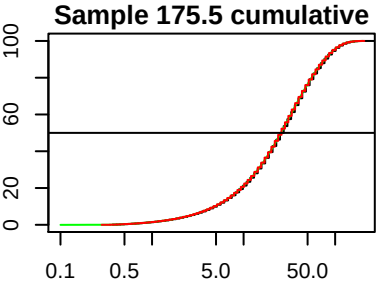
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) = 0.68 / 0.67
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 8.94
75%(obs/new) = 33.82 / 35.05
95%(obs/new) = 71.31 / 69.36
99%(obs/new) = 113.7 / 115.7



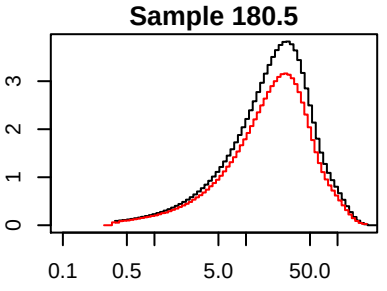


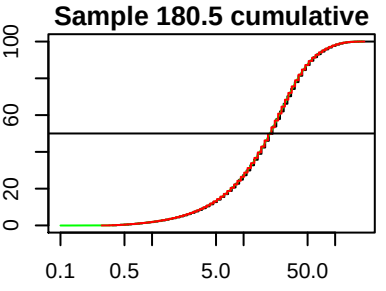
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 9.74
75%(obs/new) = 37.12 / 35.05
95%(obs/new) = 78.28 / 75.53
99%(obs/new) = 124.77 / 115.7





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





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Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
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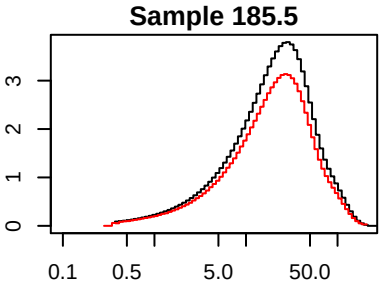

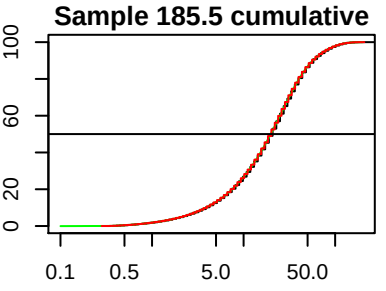

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Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
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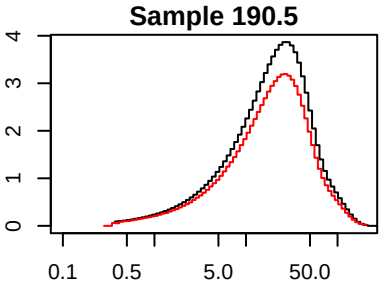

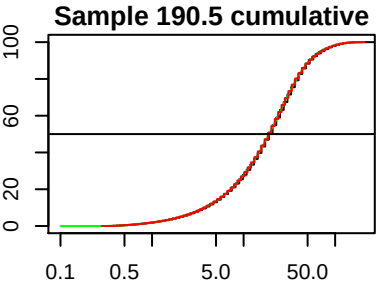

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Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
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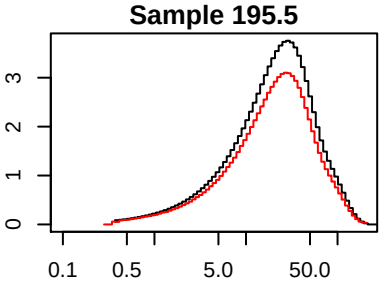
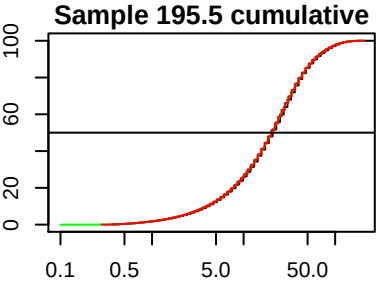
75%(obs/new) = 33.82 / 32.19
95%(obs/new) = 71.31 / 69.36
99%(obs/new) = 113.7 / 115.7





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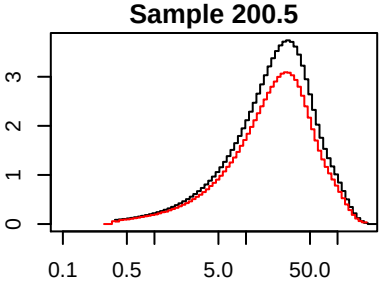

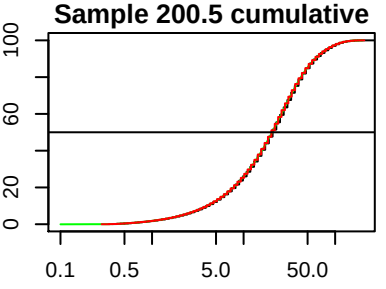

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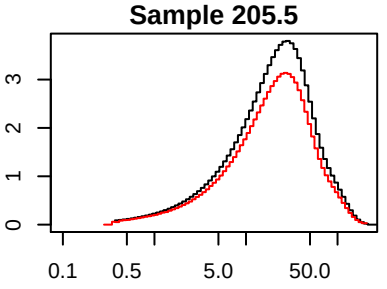

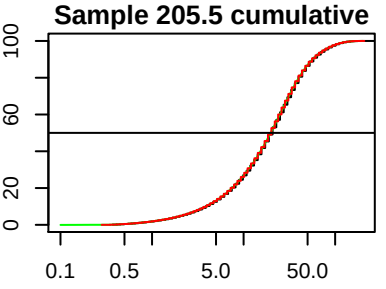

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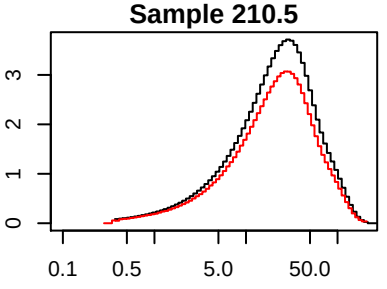

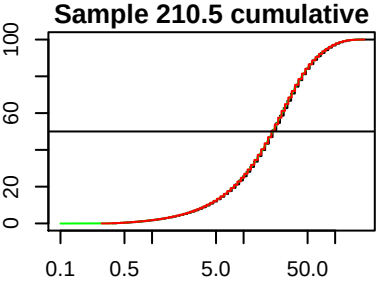

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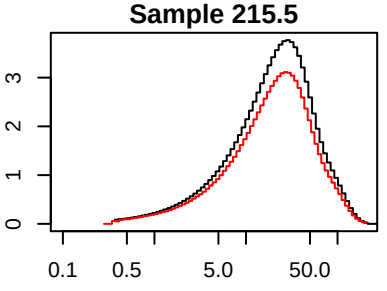
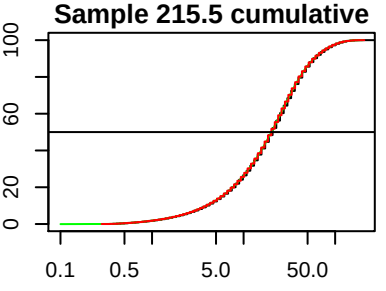
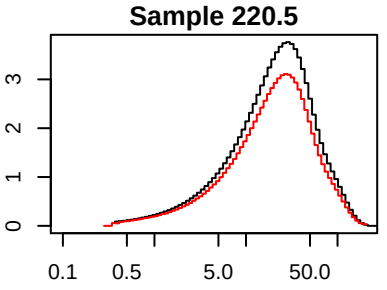
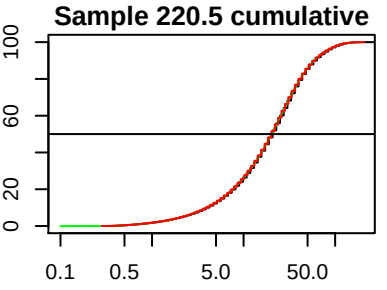
99%(obs/new) = 124.77 / 126



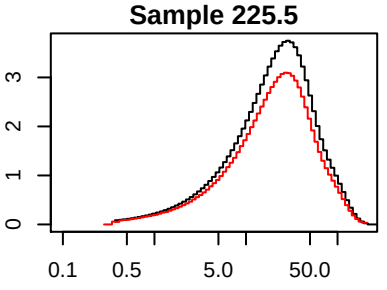


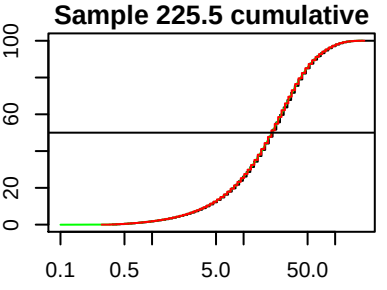
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 19.29
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 9.74
75%(obs/new) = 37.12 / 35.05
95%(obs/new) = 78.28 / 75.53
99%(obs/new) = 124.77 / 115.7



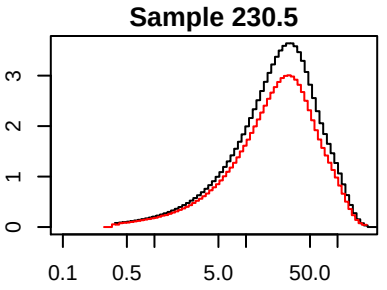


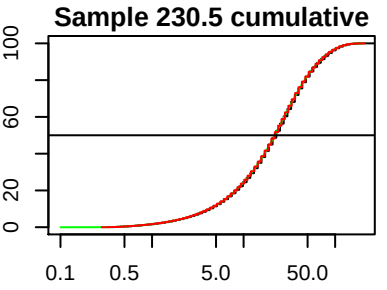
Sample statistics
Mass conserved = 1
Median(obs/new) = 19.32 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.06 / 2.08
25%(obs/new) = 9.16 / 9.74
75%(obs/new) = 37.12 / 35.05
95%(obs/new) = 78.28 / 82.26
99%(obs/new) = 124.77 / 115.7



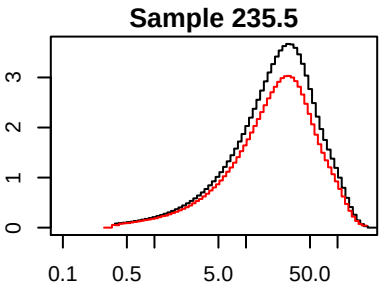


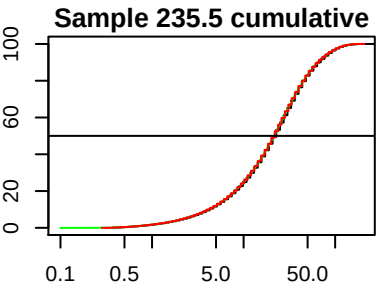
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.08
25%(obs/new) = 10.06 / 9.74
75%(obs/new) = 37.12 / 38.18
95%(obs/new) = 78.28 / 82.26
99%(obs/new) = 124.77 / 126



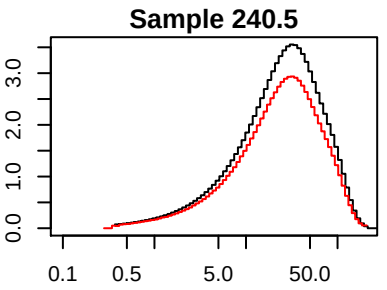


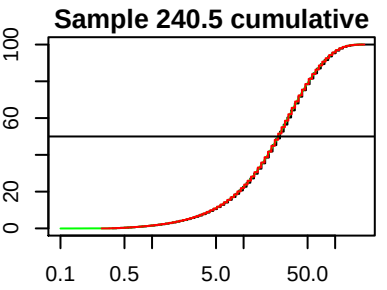
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 22.88
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.27
25%(obs/new) = 10.06 / 10.61
75%(obs/new) = 40.75 / 41.58
95%(obs/new) = 85.94 / 89.58
99%(obs/new) = 124.77 / 126



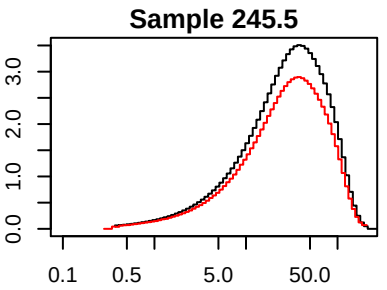


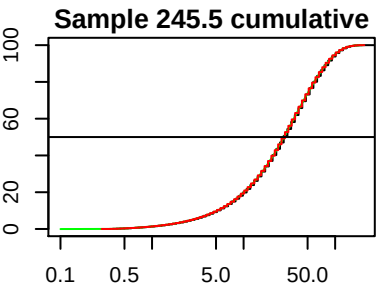
Sample statistics
Mass conserved = 1
Median(obs/new) = 21.21 / 21.01
1%(obs/new) = 0.74 / 0.73
5%(obs/new) = 2.26 / 2.27
25%(obs/new) = 10.06 / 9.74
75%(obs/new) = 40.75 / 38.18
95%(obs/new) = 85.94 / 82.26
99%(obs/new) = 124.77 / 126



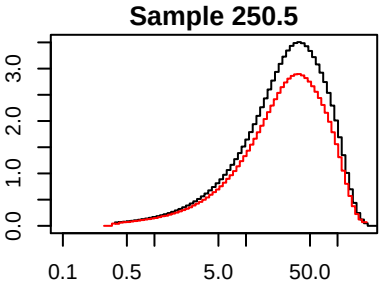


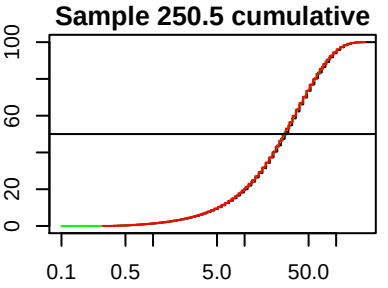
Sample statistics
Mass conserved = 1
Median(obs/new) = 23.29 / 24.92
1%(obs/new) = 0.74 / 0.8
5%(obs/new) = 2.49 / 2.47
25%(obs/new) = 11.04 / 11.56
75%(obs/new) = 44.74 / 45.28
95%(obs/new) = 94.34 / 89.58
99%(obs/new) = 136.97 / 137.21



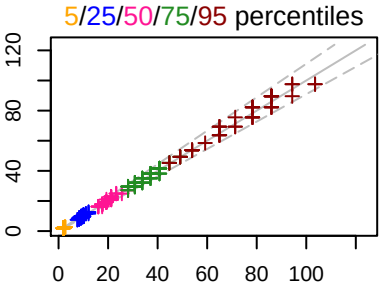


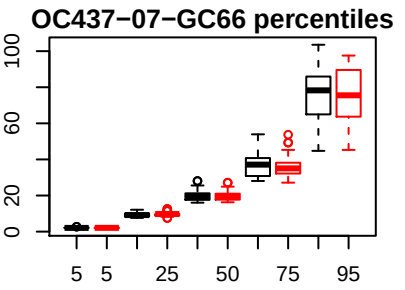
Sample statistics
Mass conserved = 1
Median(obs/new) = 28.06 / 27.14
1%(obs/new) = 0.81 / 0.8
5%(obs/new) = 2.73 / 2.7
25%(obs/new) = 12.12 / 12.59
75%(obs/new) = 53.91 / 53.7
95%(obs/new) = 103.56 / 97.56
99%(obs/new) = 136.97 / 137.21





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





Site statistics
Percentiles Pearson's corr. = 0.98
Mean normalized bias = 0.01