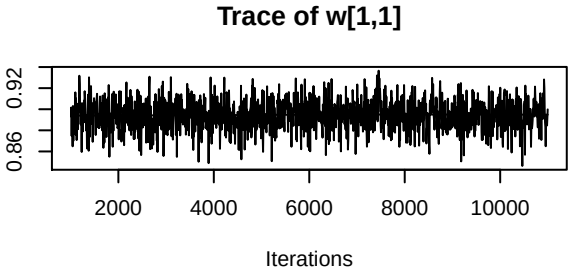
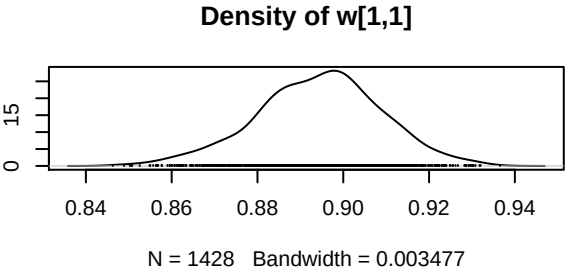
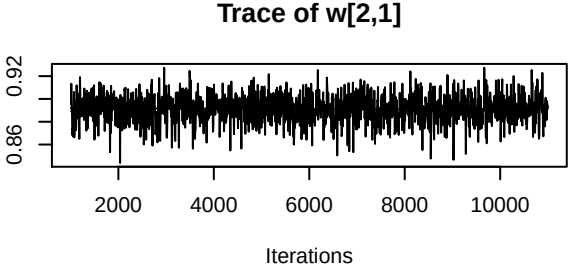
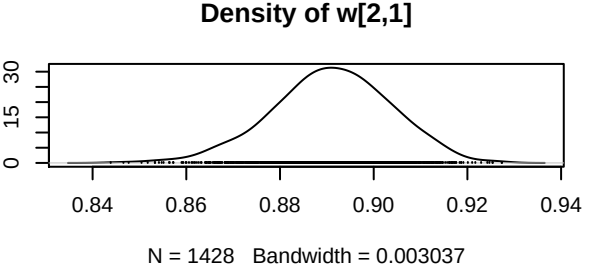
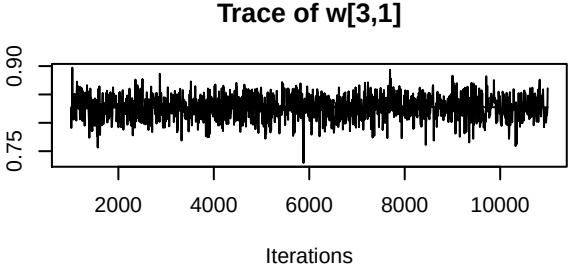
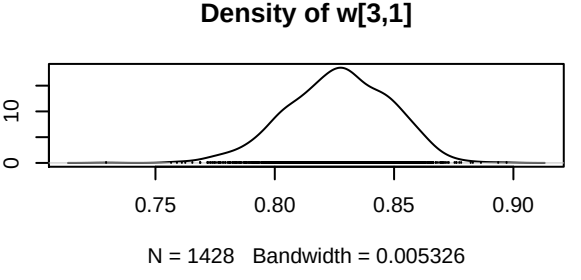

Trace of w[1,1]
0.86
0.92
2000
4000
6000
8000
10000
Iterations

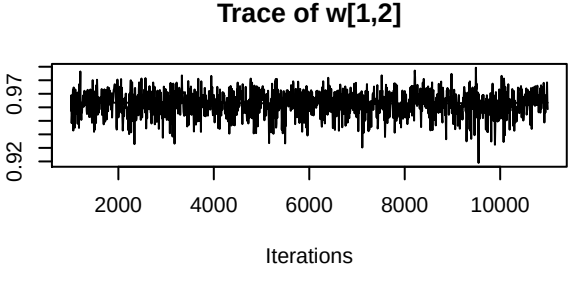

Density of w[1,1]
0
15
0.84
0.86
0.88
0.90
0.92
0.94
N = 1428 Bandwidth = 0.003477

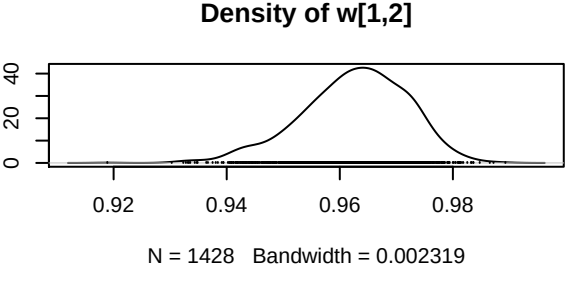

Trace of w[2,1]
0.86
0.92
2000
4000
6000
8000
10000
Iterations

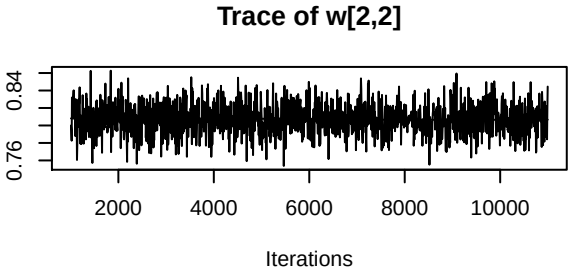

Density of w[2,1]
0
15
30
0.84
0.86
0.88
0.90
0.92
0.94
N = 1428 Bandwidth = 0.003037

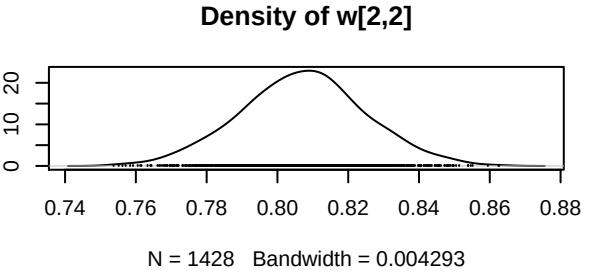

Trace of w[3,1]
0.75
0.90
2000
4000
6000
8000
10000
Iterations

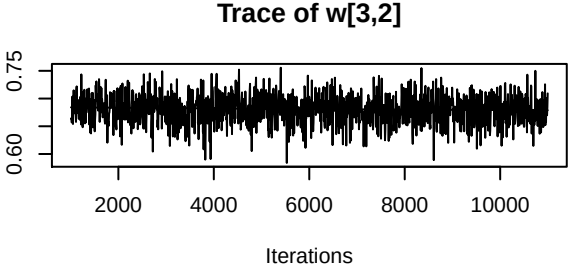

Density of w[3,1]
0
10
0.75
0.80
0.85
0.90
N = 1428 Bandwidth = 0.005326

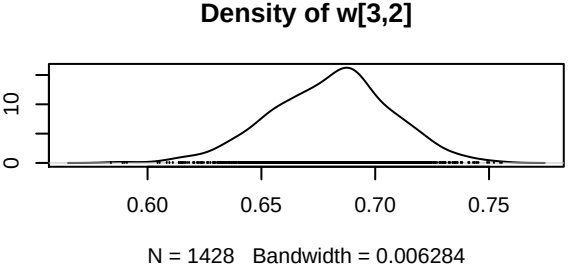

Trace of w[1,2]
0.92
0.97
2000
4000
6000
8000
10000
Iterations

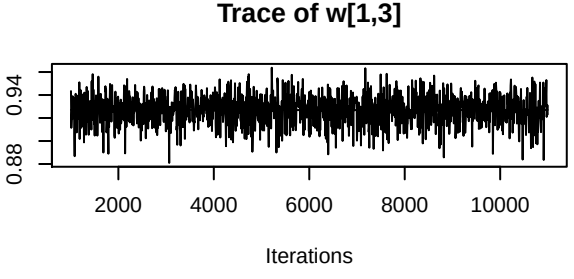

Density of w[1,2]
0
20
40
0.92
0.94
0.96
0.98
N = 1428 Bandwidth = 0.002319

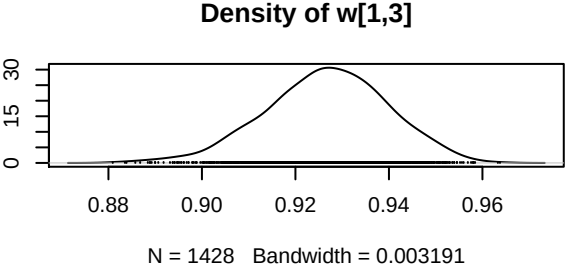

Trace of w[2,2]
0.76
0.84
2000
4000
6000
8000
10000
Iterations

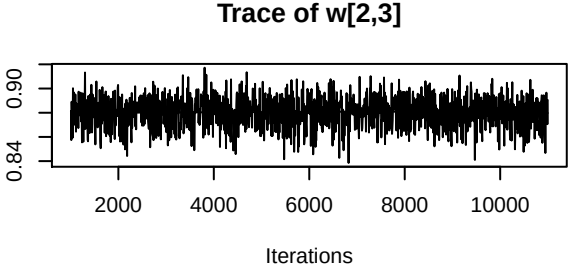

Density of w[2,2]
0
10
20
0.74
0.76
0.78
0.80
0.82
0.84
0.86
0.88
N = 1428 Bandwidth = 0.004293

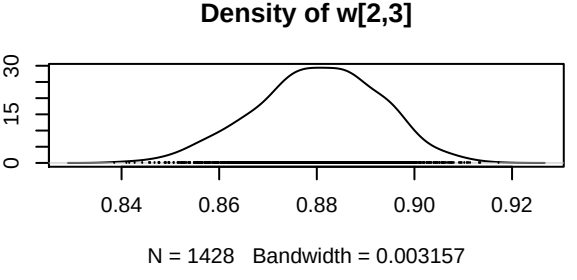

Trace of w[3,2]
0.60
0.75
2000
4000
6000
8000
10000
Iterations

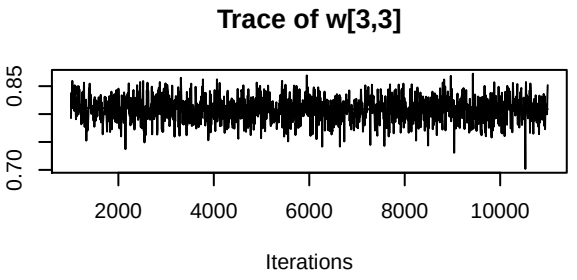

Density of w[3,2]
0
10
0.60
0.65
0.70
0.75
N = 1428 Bandwidth = 0.006284

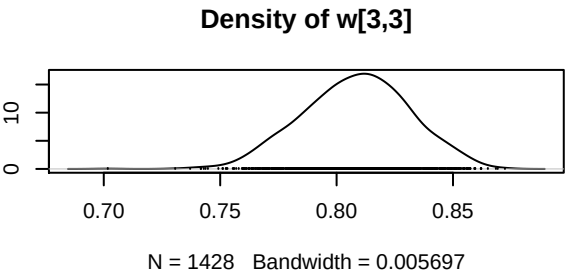

Trace of w[1,3]
0.88
0.94
2000
4000
6000
8000
10000
Iterations

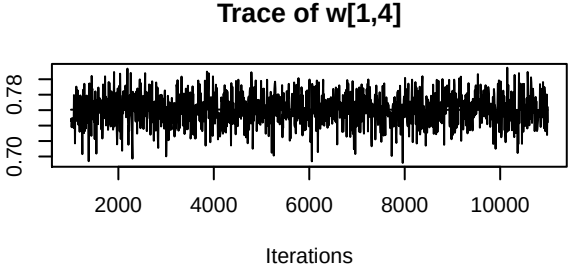

Density of w[1,3]
0
15
30
0.88
0.90
0.92
0.94
0.96
N = 1428 Bandwidth = 0.003191

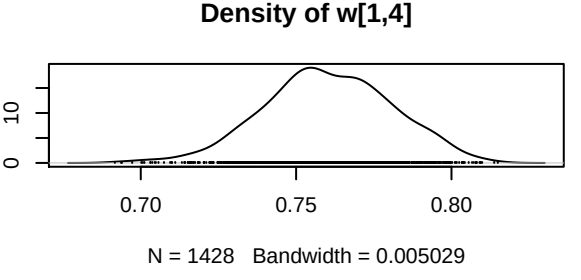

Trace of w[2,3]
0.84
0.90
2000
4000
6000
8000
10000
Iterations

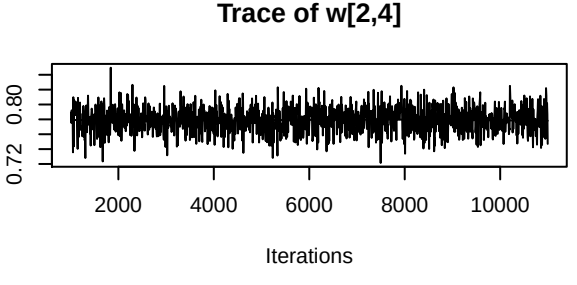

Density of w[2,3]
0
15
30
0.84
0.86
0.88
0.90
0.92
N = 1428 Bandwidth = 0.003157

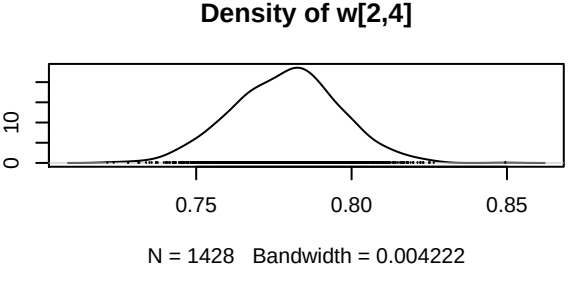

Trace of w[3,3]
0.70
0.85
2000
4000
6000
8000
10000
Iterations

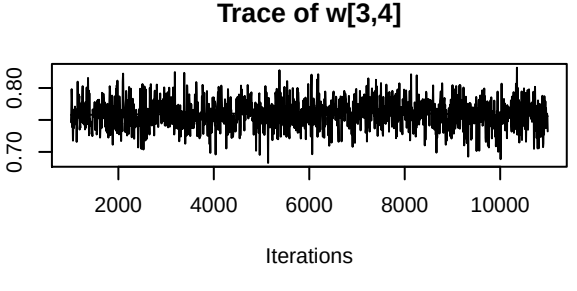

Density of w[3,3]
0
10
0.70
0.75
0.80
0.85
N = 1428 Bandwidth = 0.005697

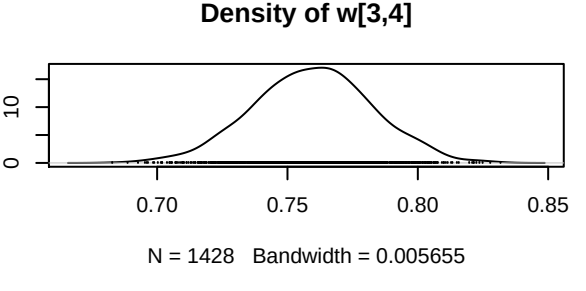

Trace of w[1,4]
0.70
0.78
2000
4000
6000
8000
10000
Iterations

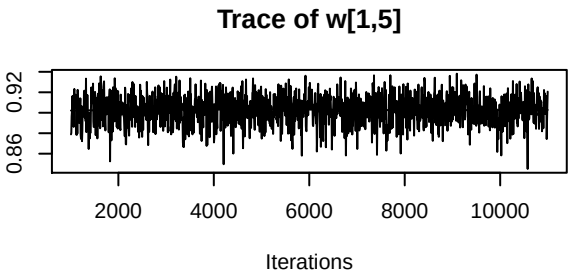

Density of w[1,4]
0
10
0.70
0.75
0.80
N = 1428 Bandwidth = 0.005029

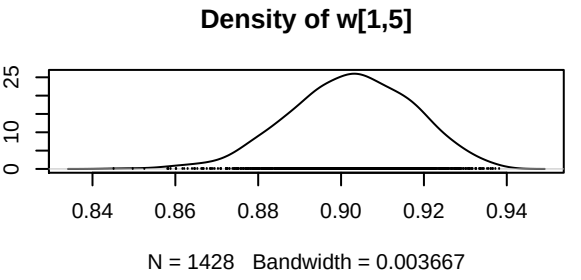

Trace of w[2,4]
0.72
0.80
2000
4000
6000
8000
10000
Iterations

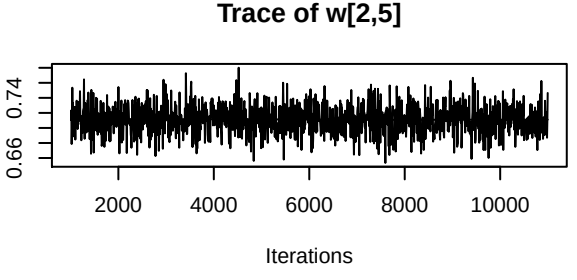

Density of w[2,4]
0
10
0.75
0.80
0.85
N = 1428 Bandwidth = 0.004222

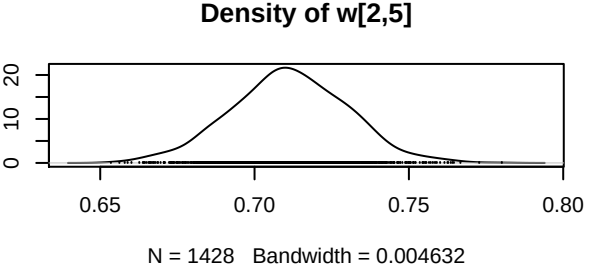

Trace of w[3,4]
0.70
0.80
2000
4000
6000
8000
10000
Iterations

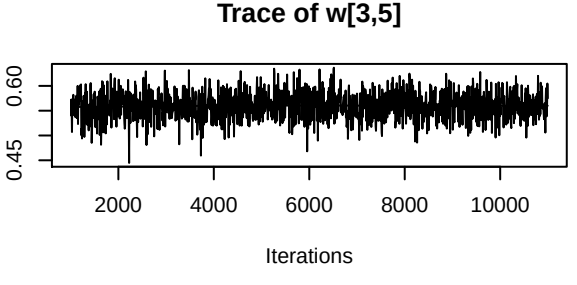

Density of w[3,4]
0
10
0.70
0.75
0.80
0.85
N = 1428 Bandwidth = 0.005655

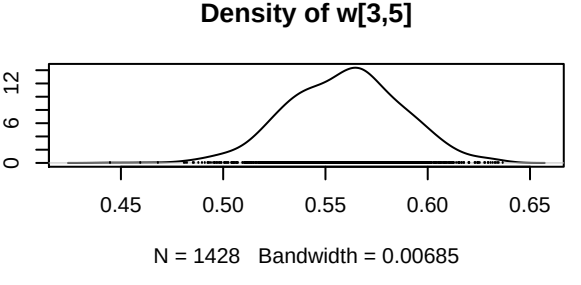

Trace of w[1,5]
0.86
0.92
2000
4000
6000
8000
10000
Iterations

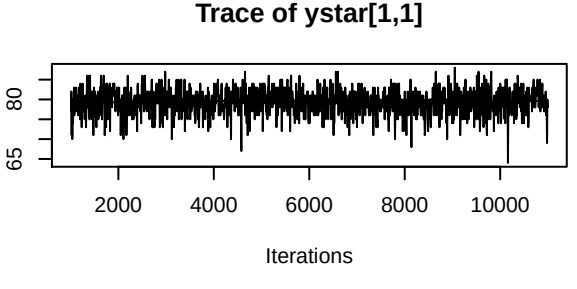

Density of w[1,5]
0
10
25
0.84
0.86
0.88
0.90
0.92
0.94
N = 1428 Bandwidth = 0.003667

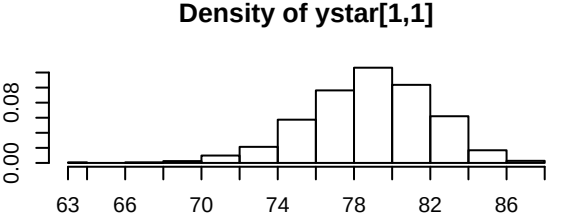

Trace of w[2,5]
0.66
0.74
2000
4000
6000
8000
10000
Iterations

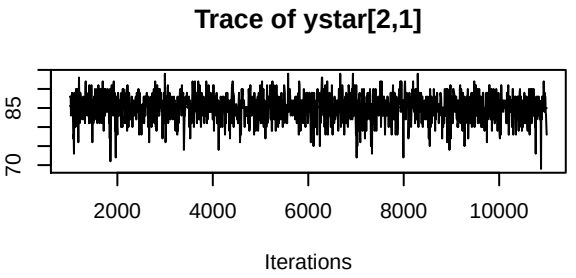

Density of w[2,5]
0
10
20
0.65
0.70
0.75
0.80
N = 1428 Bandwidth = 0.004632

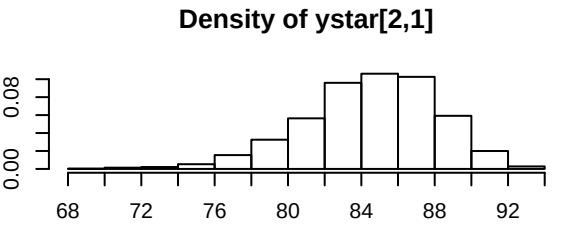

Trace of w[3,5]
0.45
0.60
2000
4000
6000
8000
10000
Iterations

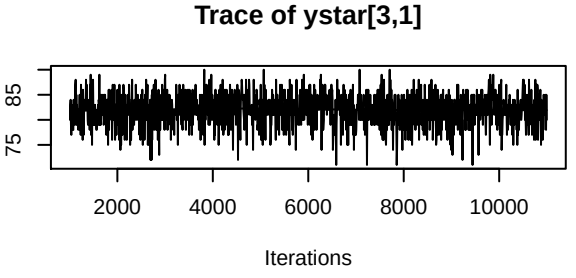

Density of w[3,5]
0
6
12
0.45
0.50
0.55
0.60
0.65
N = 1428 Bandwidth = 0.00685

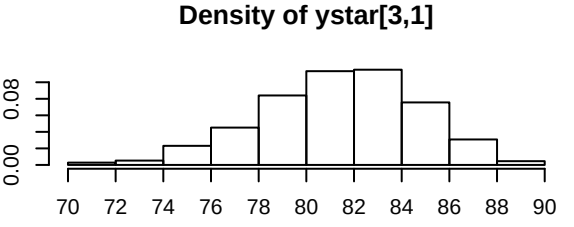

Trace of ystar[1,1]
65
80
2000
4000
6000
8000
10000
Iterations

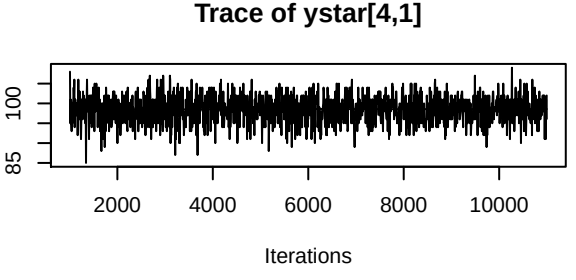

Density of ystar[1,1]
0.00
0.08
63
66
70
74
78
82
86

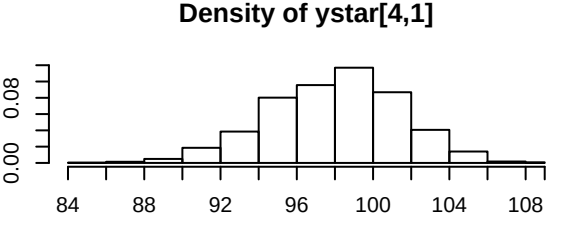

Trace of ystar[2,1]
70
85
2000
4000
6000
8000
10000
Iterations

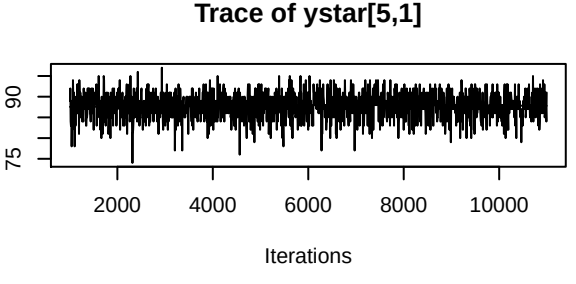

Density of ystar[2,1]
0.00
0.08
68
72
76
80
84
88
92

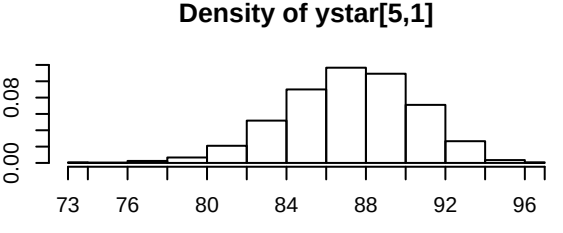

Trace of ystar[3,1]
75
85
2000
4000
6000
8000
10000
Iterations

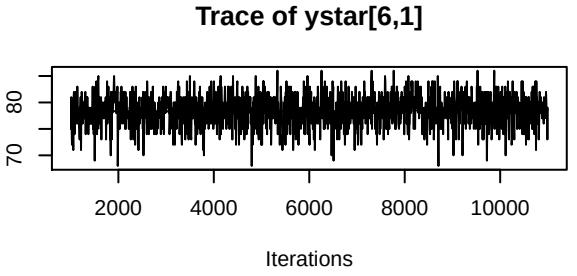

Density of ystar[3,1]
0.00
0.08
70
72
74
76
78
80
82
84
86
88
90

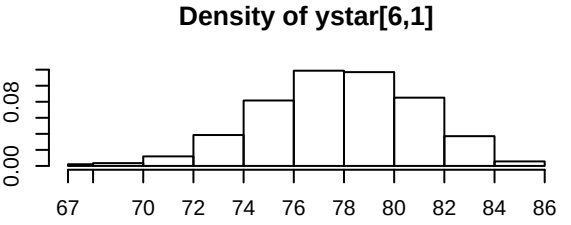

Trace of ystar[4,1]
85
100
2000
4000
6000
8000
10000
Iterations

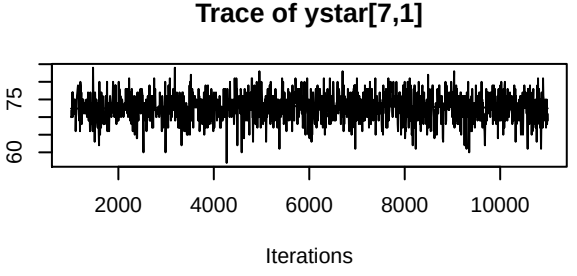

Density of ystar[4,1]
0.00
0.08
84
88
92
96
100
104
108

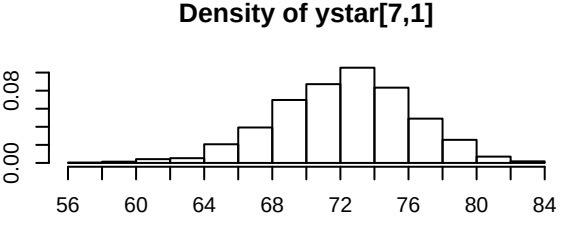

Trace of ystar[5,1]
75
90
2000
4000
6000
8000
10000
Iterations

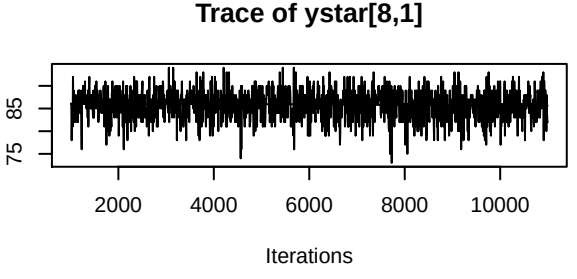

Density of ystar[5,1]
0.00
0.08
73
76
80
84
88
92
96


Trace of ystar[6,1]
70
80
2000
4000
6000
8000
10000
Iterations


Density of ystar[6,1]
0.00
0.08
67
70
72
74
76
78
80
82
84
86


Trace of ystar[7,1]
60
75
2000
4000
6000
8000
10000
Iterations


Density of ystar[7,1]
0.00
0.08
56
60
64
68
72
76
80
84


Trace of ystar[8,1]
75
85
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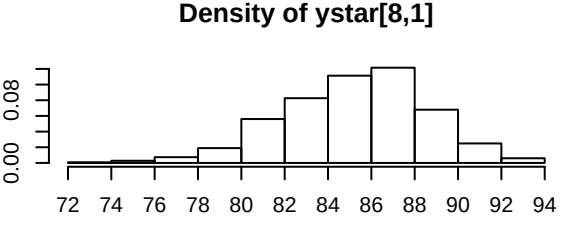
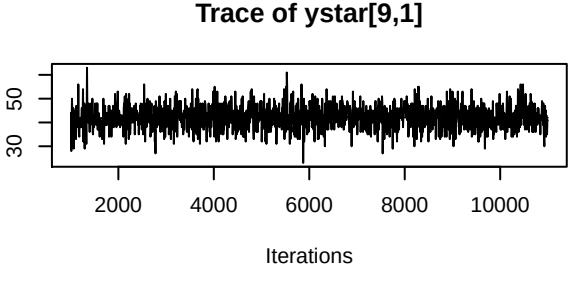
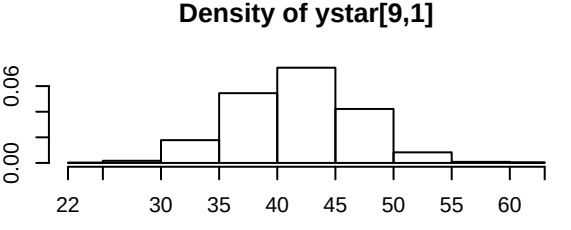
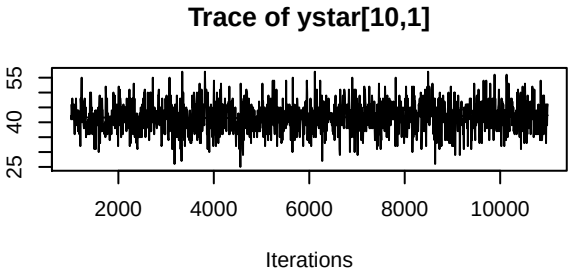
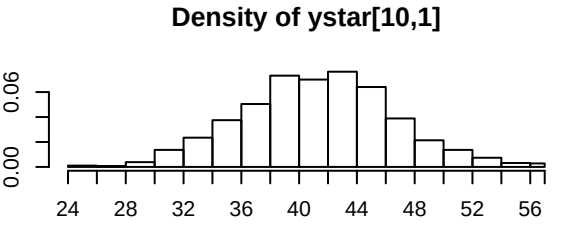
4000
6000
8000
10000
Iterations

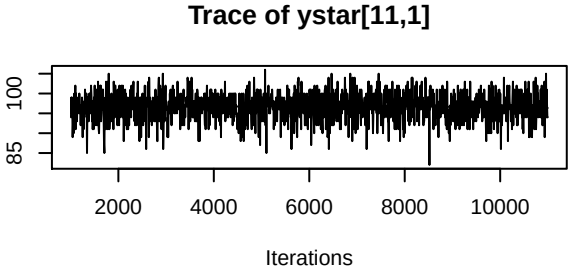

Density of ystar[8,1]
0.00
0.08
72
74
76
78
80
82
84
86
88
90
92
94

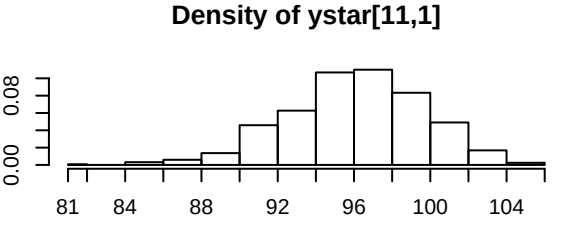

Trace of ystar[9,1]
30
50
2000
4000
6000
8000
10000
Iterations

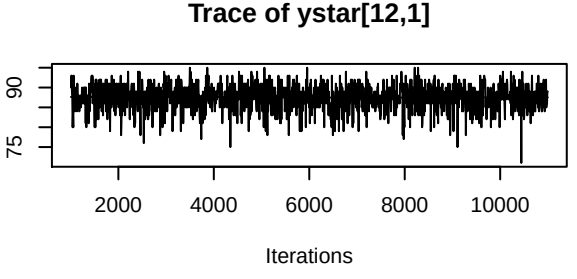

Density of ystar[9,1]
0.00
0.06
22
30
35
40
45
50
55
60

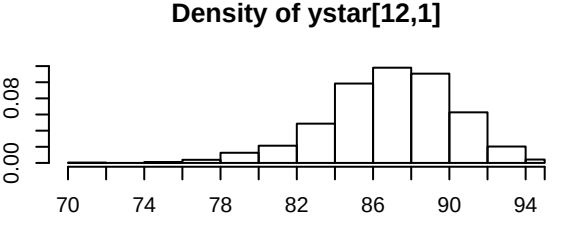

Trace of ystar[10,1]
25
40
55
2000
4000
6000
8000
10000
Iterations

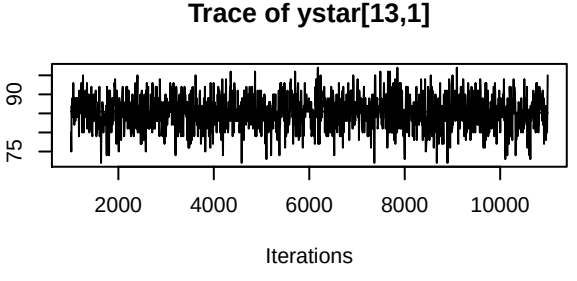

Density of ystar[10,1]
0.00
0.06
24
28
32
36
40
44
48
52
56

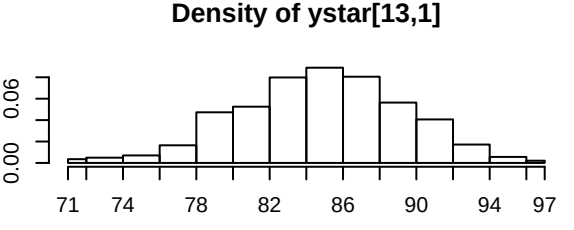

Trace of ystar[11,1]
85
100
2000
4000
6000
8000
10000
Iterations

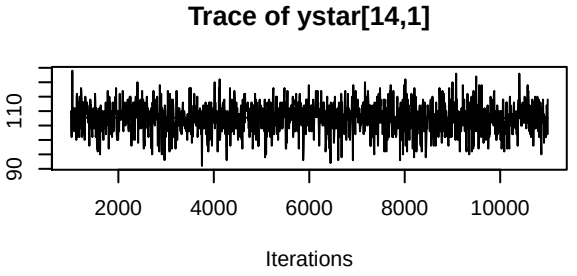

Density of ystar[11,1]
0.00
0.08
81
84
88
92
96
100
104

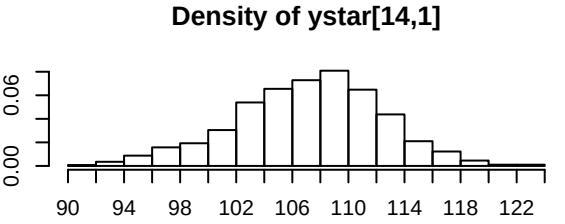

Trace of ystar[12,1]
75
90
2000
4000
6000
8000
10000
Iterations

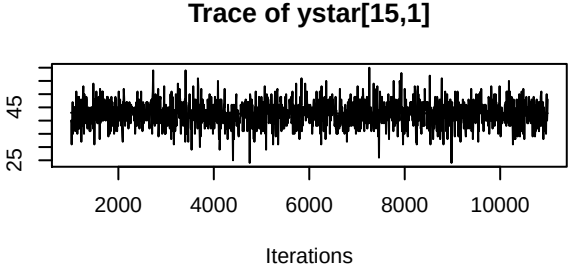

Density of ystar[12,1]
0.00
0.08
70
74
78
82
86
90
94

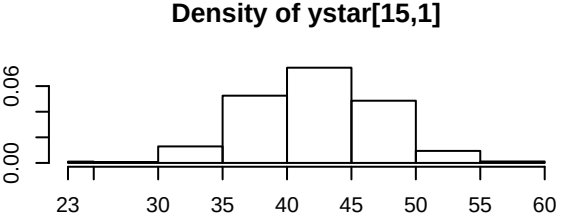

Trace of ystar[13,1]
75
90
2000
4000
6000
8000
10000
Iterations

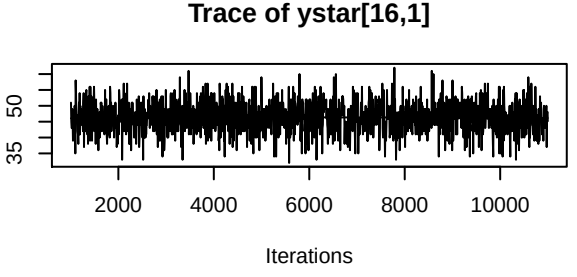

Density of ystar[13,1]
0.00
0.06
71
74
78
82
86
90
94
97

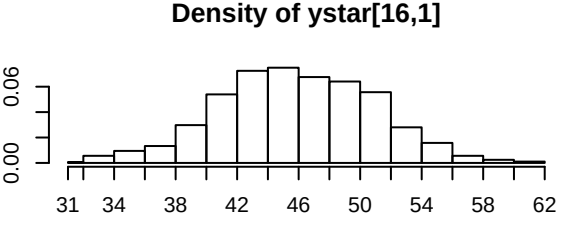

Trace of ystar[14,1]
90
110
2000
4000
6000
8000
10000
Iterations

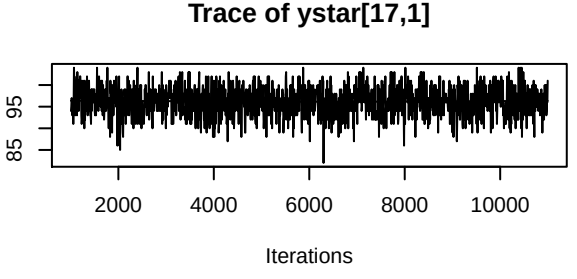

Density of ystar[14,1]
0.00
0.06
90
94
98
102
106
110
114
118
122

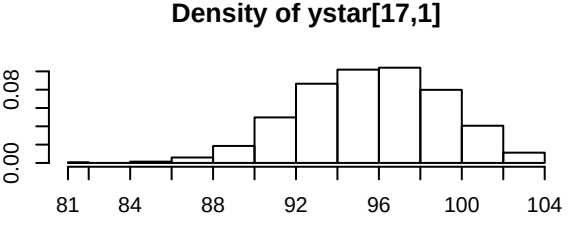

Trace of ystar[15,1]
25
45
2000
4000
6000
8000
10000
Iterations

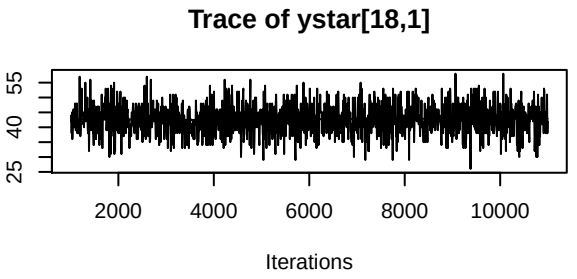

Density of ystar[15,1]
0.00
0.06
23
30
35
40
45
50
55
60

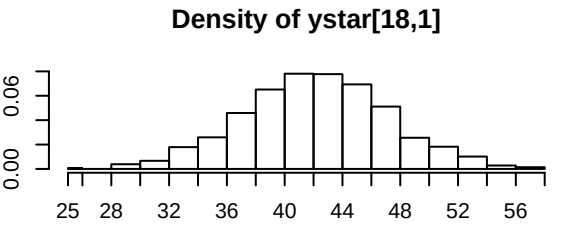

Trace of ystar[16,1]
35
50
2000
4000
6000
8000
10000
Iterations

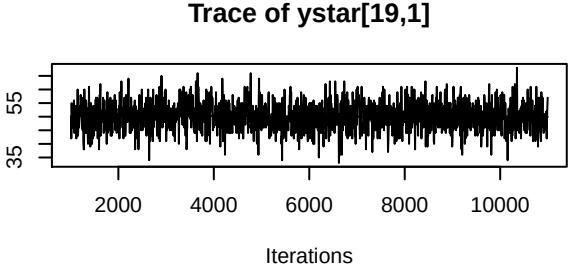

Density of ystar[16,1]
0.00
0.06
31
34
38
42
46
50
54
58
62

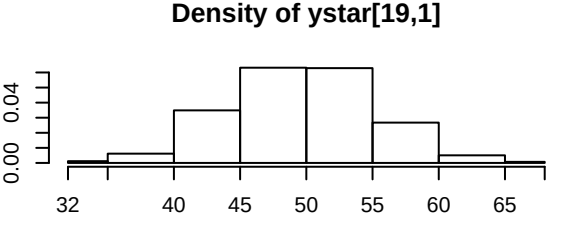

Trace of ystar[17,1]
85
95
2000
4000
6000
8000
10000
Iterations

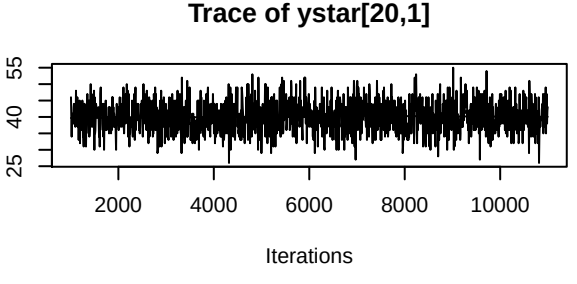

Density of ystar[17,1]
0.00
0.08
81
84
88
92
96
100
104

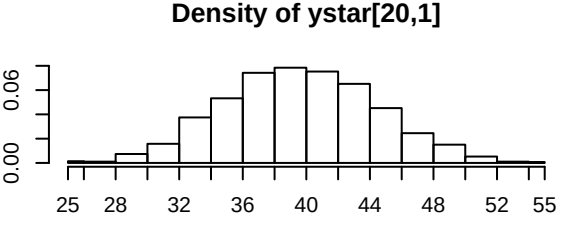

Trace of ystar[18,1]
25
40
55
2000
4000
6000
8000
10000
Iterations

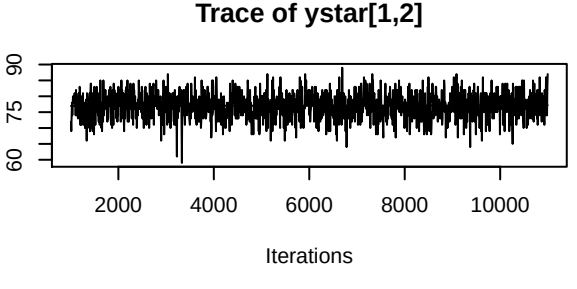

Density of ystar[18,1]
0.00
0.06
25
28
32
36
40
44
48
52
56

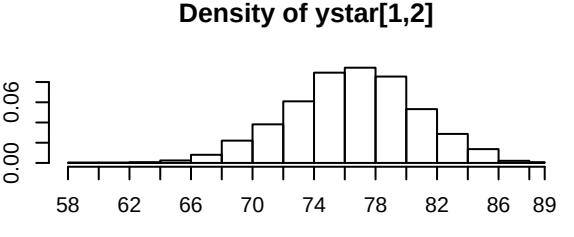

Trace of ystar[19,1]
35
55
2000
4000
6000
8000
10000
Iterations

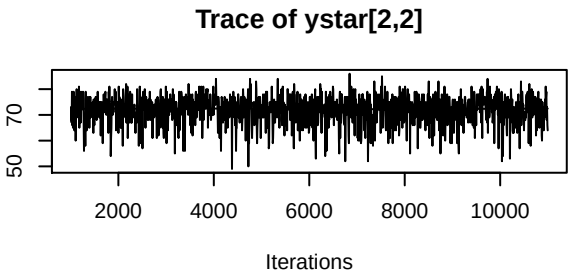

Density of ystar[19,1]
0.00
0.04
32
40
45
50
55
60
65

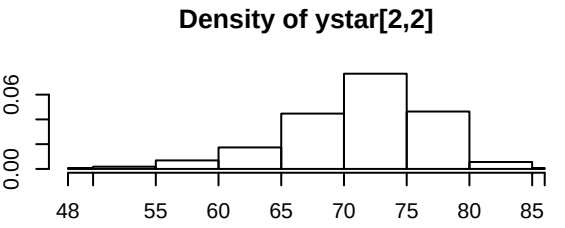

Trace of ystar[20,1]
25
40
55
2000
4000
6000
8000
10000
Iterations

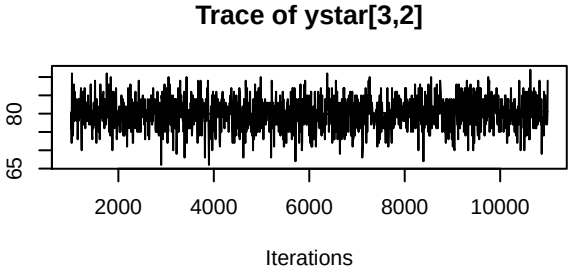

Density of ystar[20,1]
0.00
0.06
25
28
32
36
40
44
48
52
55

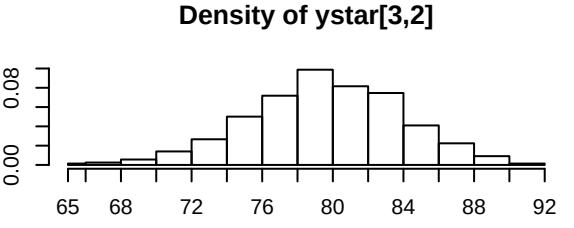

Trace of ystar[1,2]
60
75
90
2000
4000
6000
8000
10000
Iterations

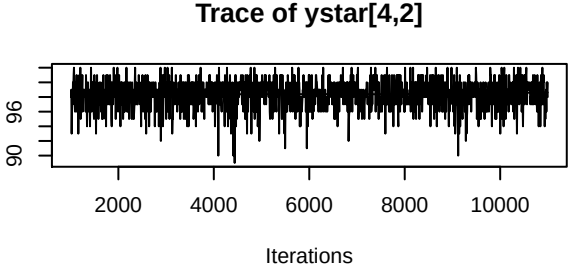

Density of ystar[1,2]
0.00
0.06
58
62
66
70
74
78
82
86
89

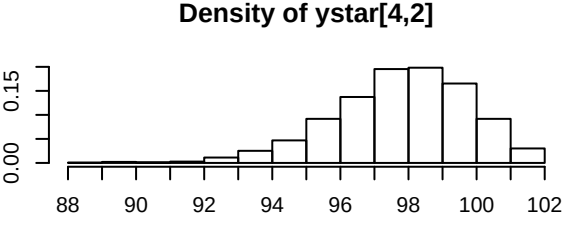

Trace of ystar[2,2]
50
70
2000
4000
6000
8000
10000
Iterations

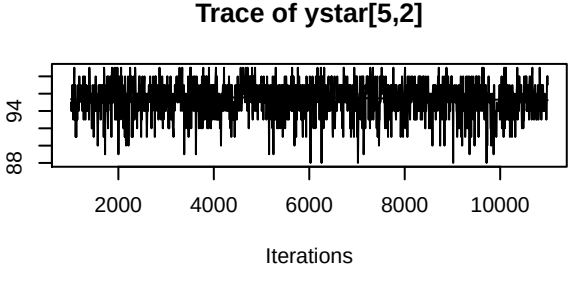

Density of ystar[2,2]
0.00
0.06
48
55
60
65
70
75
80
85

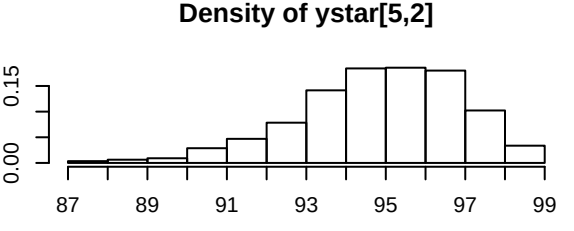

Trace of ystar[3,2]
65
80
2000
4000
6000
8000
10000
Iterations

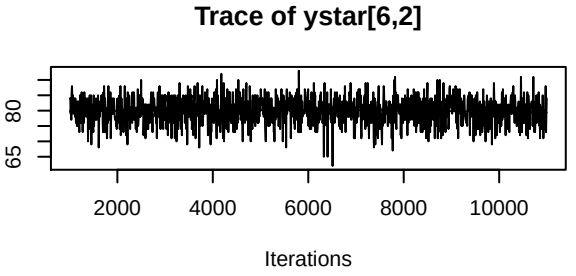

Density of ystar[3,2]
0.00
0.08
65
68
72
76
80
84
88
92

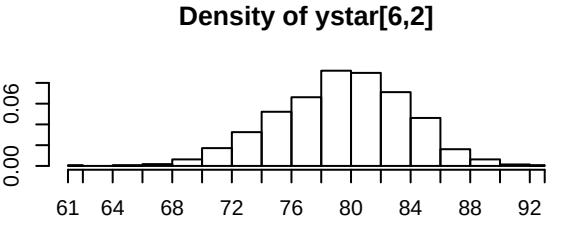

Trace of ystar[4,2]
90
96
2000
4000
6000
8000
10000
Iterations

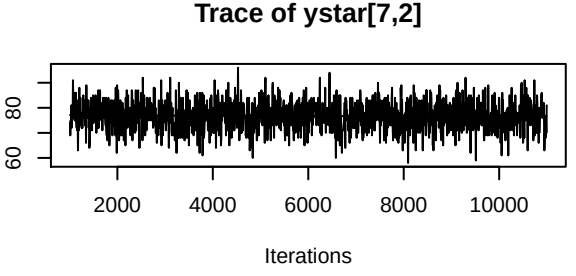

Density of ystar[4,2]
0.00
0.15
88
90
92
94
96
98
100
102

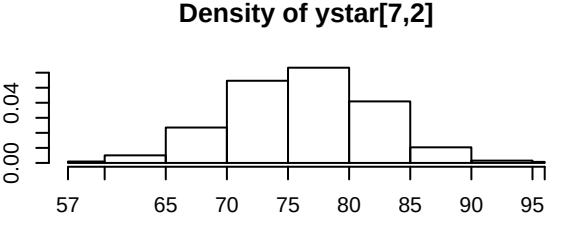

Trace of ystar[5,2]
88
94
2000
4000
6000
8000
10000
Iterations

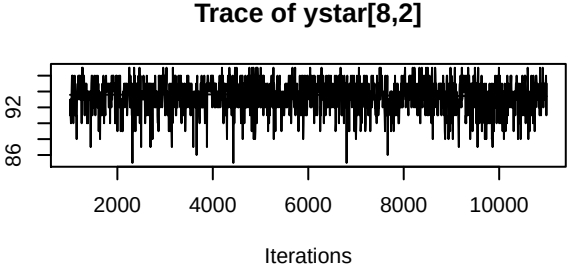

Density of ystar[5,2]
0.00
0.15
87
89
91
93
95
97
99

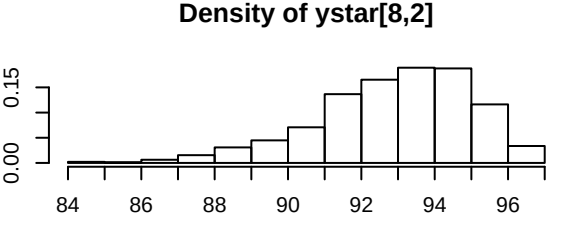

Trace of ystar[6,2]
65
80
2000
4000
6000
8000
10000
Iterations

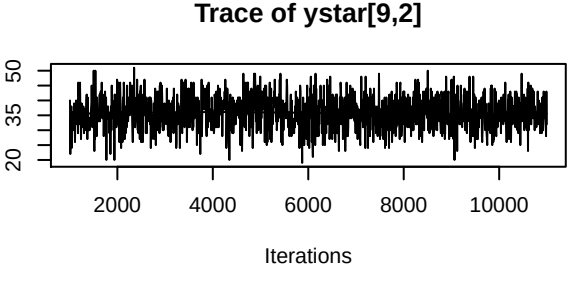

Density of ystar[6,2]
0.00
0.06
61
64
68
72
76
80
84
88
92

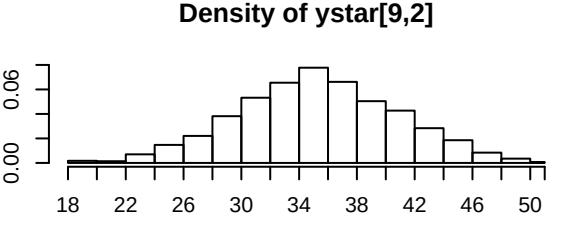

Trace of ystar[7,2]
60
80
2000
4000
6000
8000
10000
Iterations

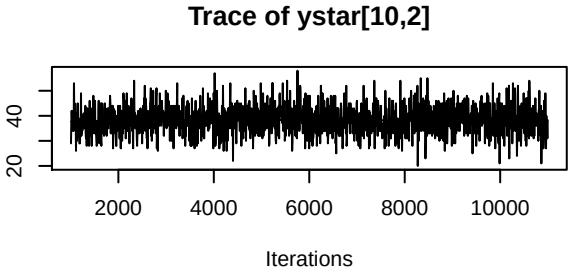

Density of ystar[7,2]
0.00
0.04
57
65
70
75
80
85
90
95

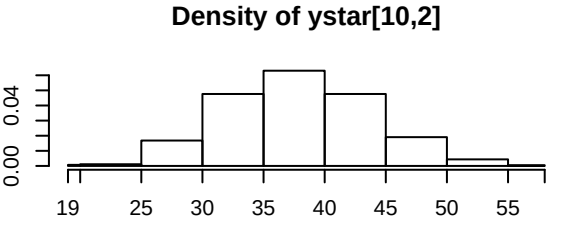

Trace of ystar[8,2]
86
92
2000
4000
6000
8000
10000
Iterations

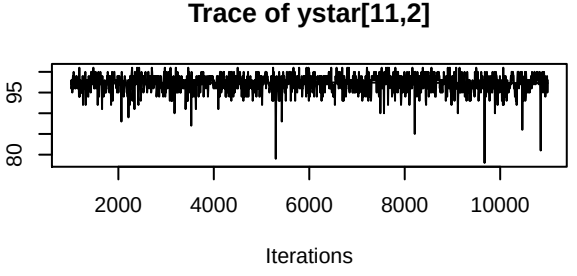

Density of ystar[8,2]
0.00
0.15
84
86
88
90
92
94
96

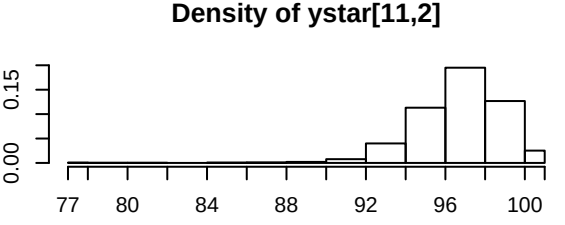

Trace of ystar[9,2]
20
35
50
2000
4000
6000
8000
10000
Iterations

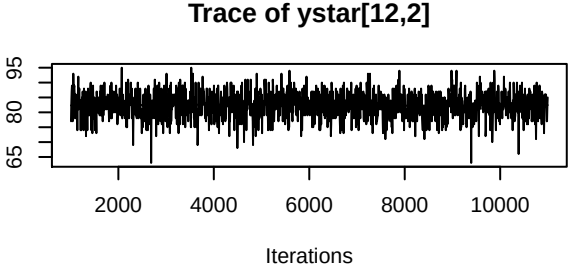

Density of ystar[9,2]
0.00
0.06
18
22
26
30
34
38
42
46
50

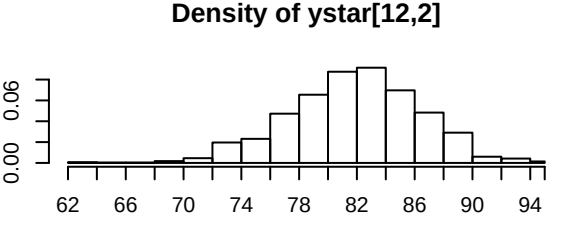

Trace of ystar[10,2]
20
40
2000
4000
6000
8000
10000
Iterations

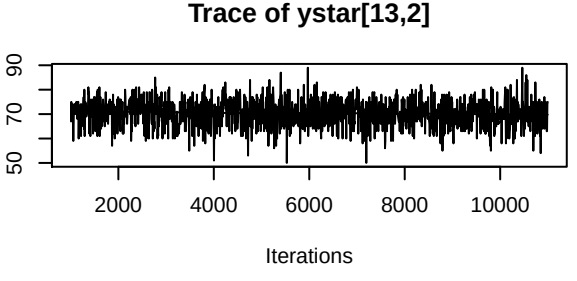

Density of ystar[10,2]
0.00
0.04
19
25
30
35
40
45
50
55

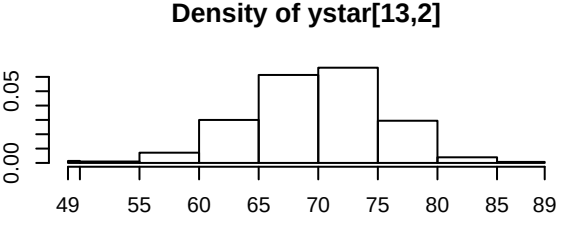

Trace of ystar[11,2]
80
95
2000
4000
6000
8000
10000
Iterations

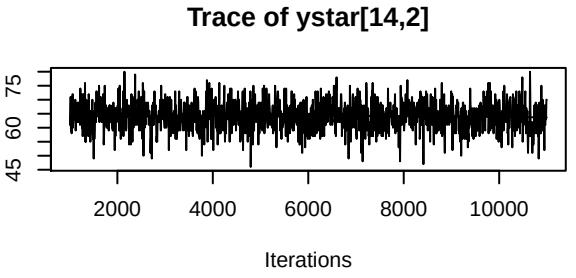

Density of ystar[11,2]
0.00
0.15
77
80
84
88
92
96
100

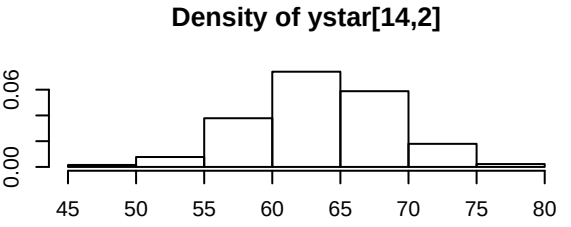

Trace of ystar[12,2]
65
80
95
2000
4000
6000
8000
10000
Iterations

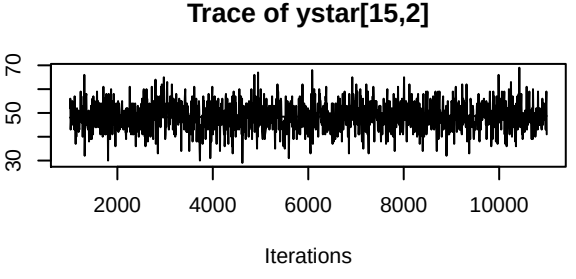

Density of ystar[12,2]
0.00
0.06
62
66
70
74
78
82
86
90
94

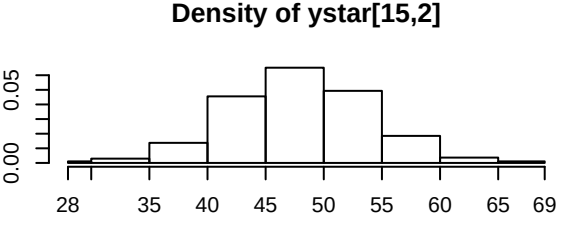

Trace of ystar[13,2]
50
70
90
2000
4000
6000
8000
10000
Iterations

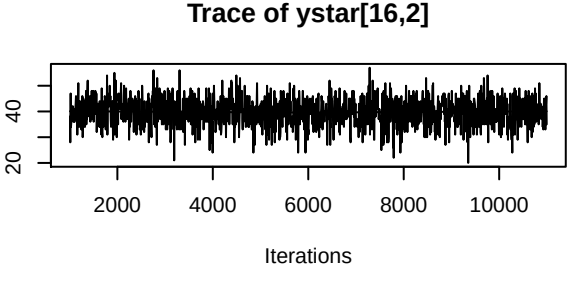

Density of ystar[13,2]
0.00
0.05
49
55
60
65
70
75
80
85
89

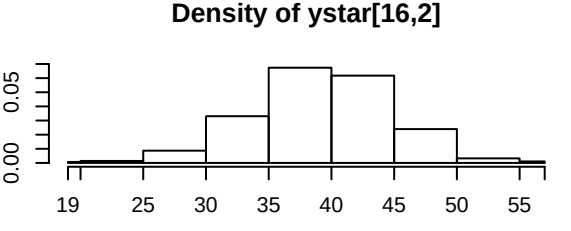

Trace of ystar[14,2]
45
60
75
2000
4000
6000
8000
10000
Iterations

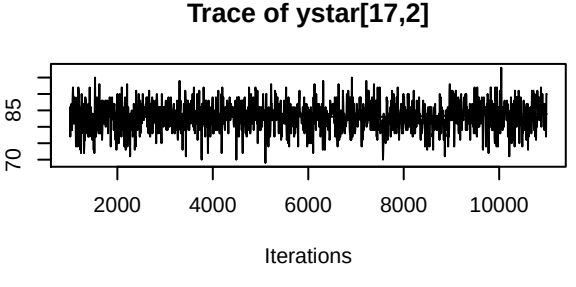

Density of ystar[14,2]
0.00
0.06
45
50
55
60
65
70
75
80

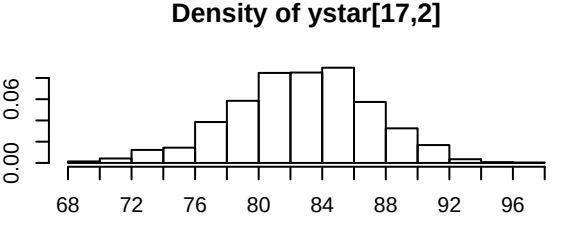

Trace of ystar[15,2]
30
50
70
2000
4000
6000
8000
10000
Iterations

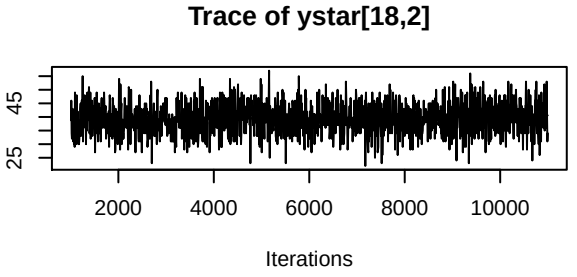

Density of ystar[15,2]
0.00
0.05
28
35
40
45
50
55
60
65
69

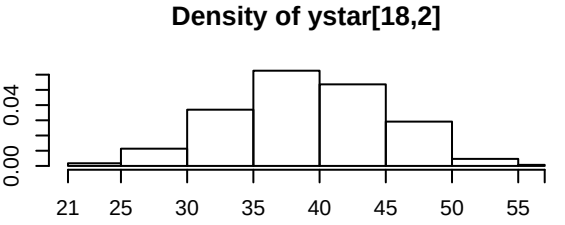

Trace of ystar[16,2]
20
40
2000
4000
6000
8000
10000
Iterations

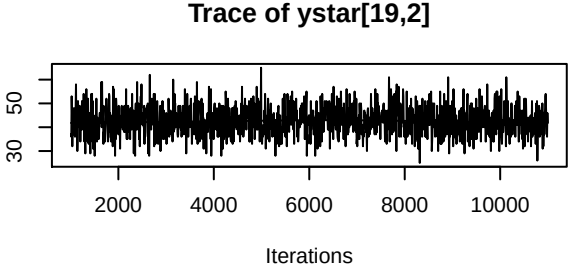

Density of ystar[16,2]
0.00
0.05
19
25
30
35
40
45
50
55

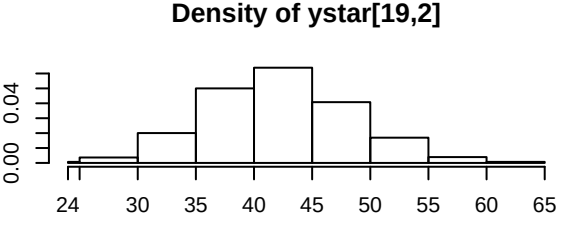

Trace of ystar[17,2]
70
85
2000
4000
6000
8000
10000
Iterations

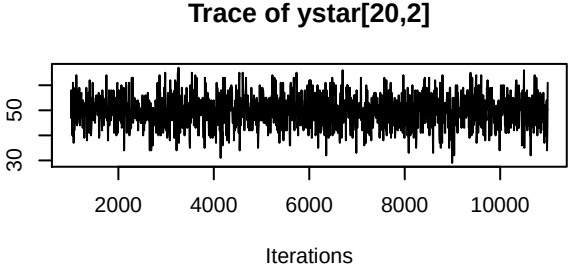

Density of ystar[17,2]
0.00
0.06
68
72
76
80
84
88
92
96

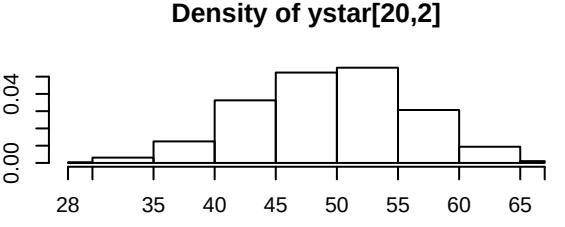

Trace of ystar[18,2]
25
45
2000
4000
6000
8000
10000
Iterations

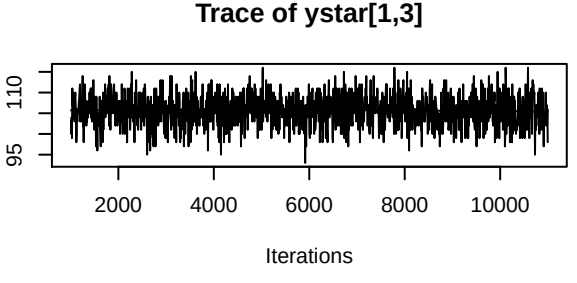

Density of ystar[18,2]
0.00
0.04
21
25
30
35
40
45
50
55

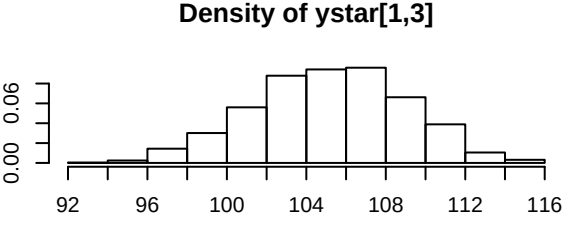

Trace of ystar[19,2]
30
50
2000
4000
6000
8000
10000
Iterations

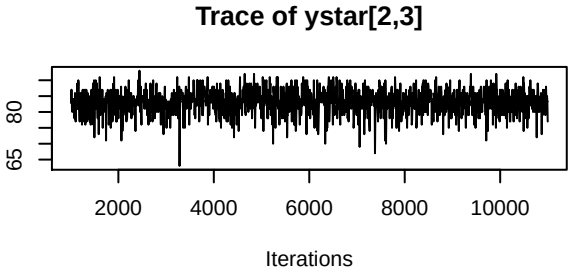

Density of ystar[19,2]
0.00
0.04
24
30
35
40
45
50
55
60
65

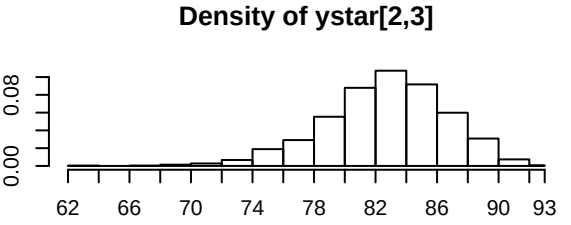

Trace of ystar[20,2]
30
50
2000
4000
6000
8000
10000
Iterations

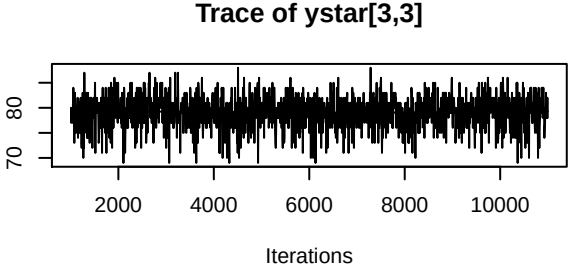

Density of ystar[20,2]
0.00
0.04
28
35
40
45
50
55
60
65

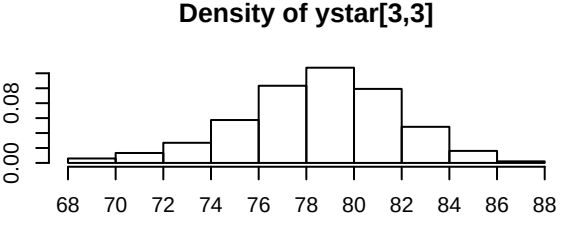

Trace of ystar[1,3]
95
110
2000
4000
6000
8000
10000
Iterations

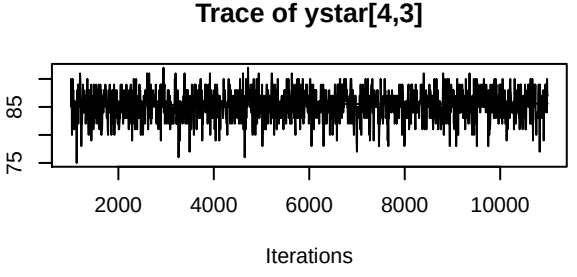

Density of ystar[1,3]
0.00
0.06
92
96
100
104
108
112
116

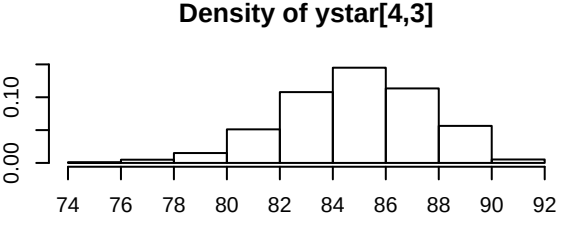

Trace of ystar[2,3]
65
80
2000
4000
6000
8000
10000
Iterations

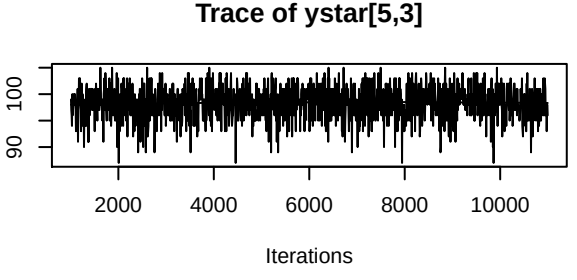

Density of ystar[2,3]
0.00
0.08
62
66
70
74
78
82
86
90
93

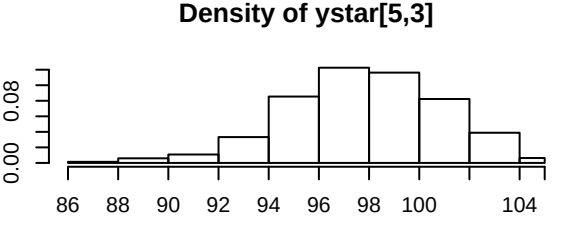

Trace of ystar[3,3]
70
80
2000
4000
6000
8000
10000
Iterations

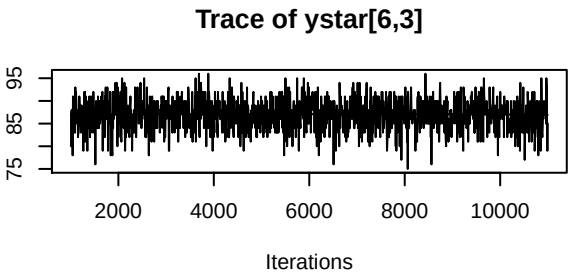

Density of ystar[3,3]
0.00
0.08
68
70
72
74
76
78
80
82
84
86
88

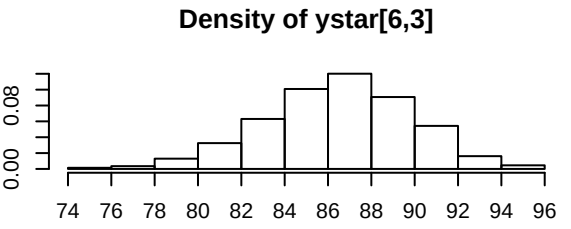

Trace of ystar[4,3]
75
85
2000
4000
6000
8000
10000
Iterations

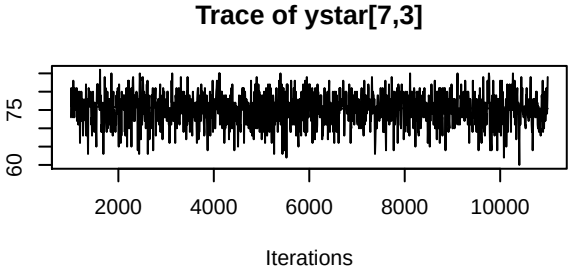

Density of ystar[4,3]
0.00
0.10
74
76
78
80
82
84
86
88
90
92

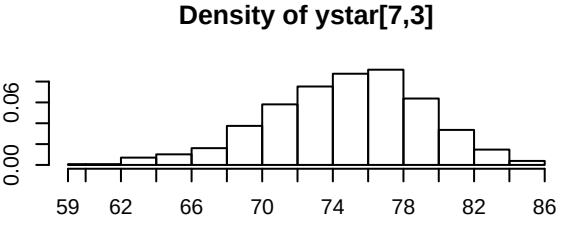

Trace of ystar[5,3]
90
100
2000
4000
6000
8000
10000
Iterations

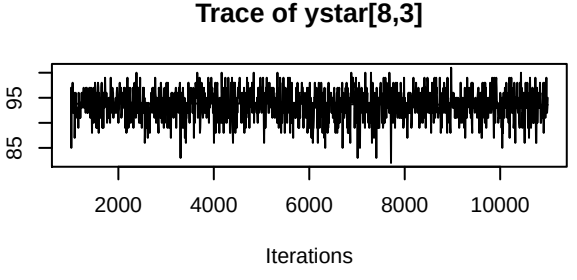

Density of ystar[5,3]
0.00
0.08
86
88
90
92
94
96
98
100
104

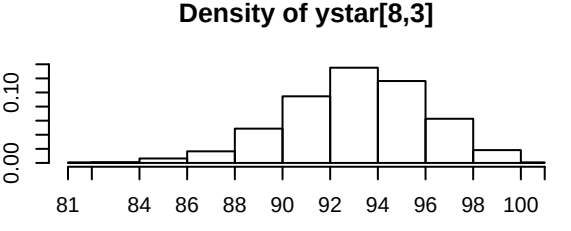

Trace of ystar[6,3]
75
85
95
2000
4000
6000
8000
10000
Iterations

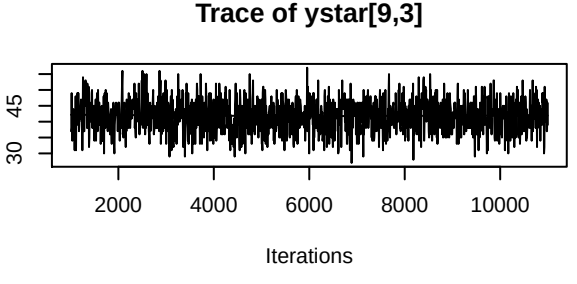

Density of ystar[6,3]
0.00
0.08
74
76
78
80
82
84
86
88
90
92
94
96

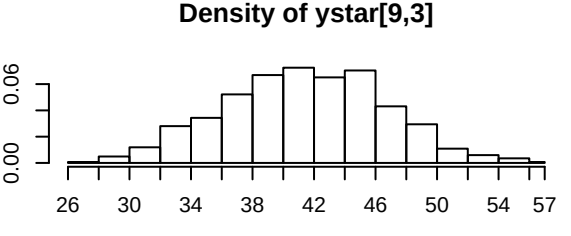

Trace of ystar[7,3]
60
75
2000
4000
6000
8000
10000
Iterations

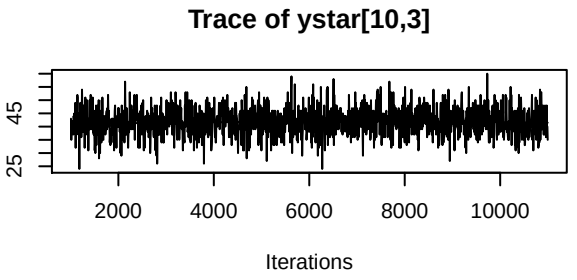

Density of ystar[7,3]
0.00
0.06
59
62
66
70
74
78
82
86

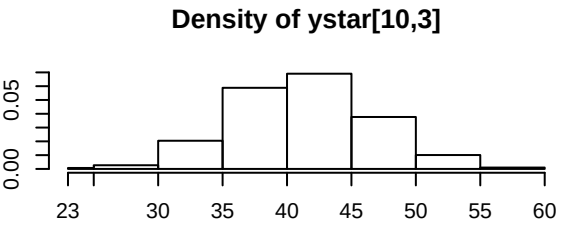

Trace of ystar[8,3]
85
95
2000
4000
6000
8000
10000
Iterations

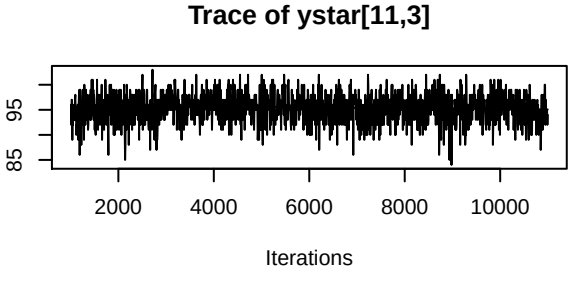

Density of ystar[8,3]
0.00
0.10
81
84
86
88
90
92
94
96
98
100

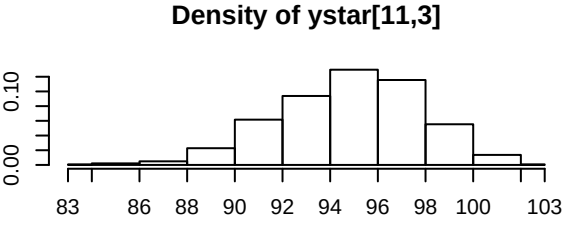

Trace of ystar[9,3]
30
45
2000
4000
6000
8000
10000
Iterations

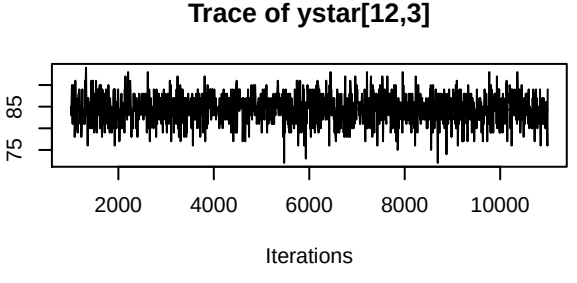

Density of ystar[9,3]
0.00
0.06
26
30
34
38
42
46
50
54
57


Trace of ystar[10,3]
25
45
2000
4000
6000
8000
10000
Iterations


Density of ystar[10,3]
0.00
0.05
23
30
35
40
45
50
55
60


Trace of ystar[11,3]
85
95
2000
4000
6000
8000
10000
Iterations


Density of ystar[11,3]
0.00
0.10
83
86
88
90
92
94
96
98
100
103


Trace of ystar[12,3]
75
85
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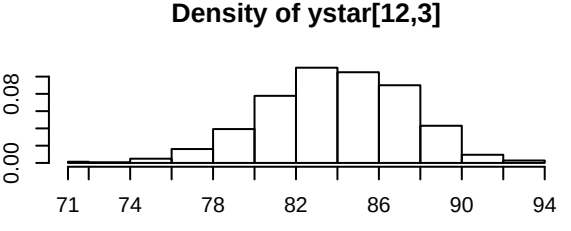
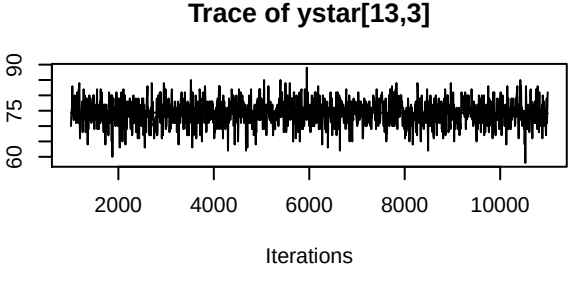
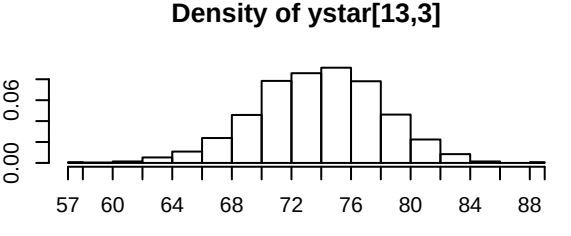
6000
8000
10000
Iterations


Density of ystar[12,3]
0.00
0.08
71
74
78
82
86
90
94


Trace of ystar[13,3]
60
75
90
2000
4000
6000
8000
10000
Iterations


Density of ystar[13,3]
0.00
0.06
57
60
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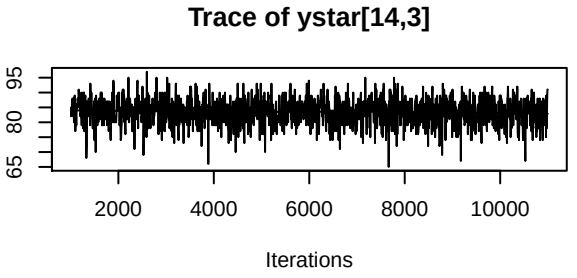
68
72
76
80
84
88


Trace of ystar[14,3]
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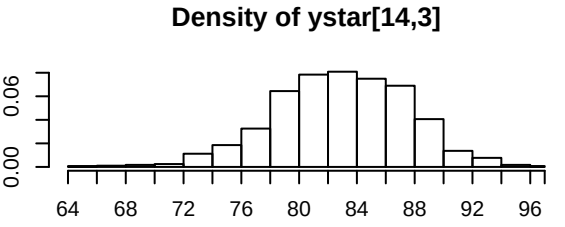
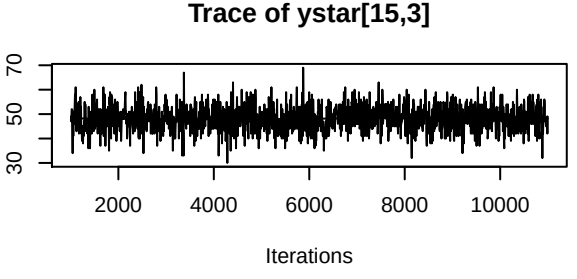
80
95
2000
4000
6000
8000
10000
Iterations


Density of ystar[14,3]
0.00
0.06
64
68
72
76
80
84
88
92
96


Trace of ystar[15,3]
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50
70
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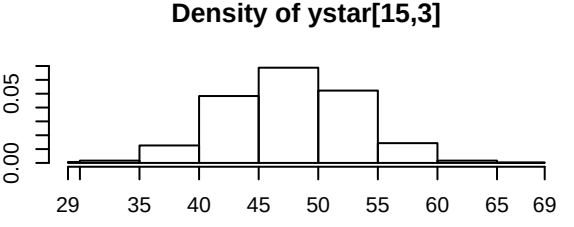
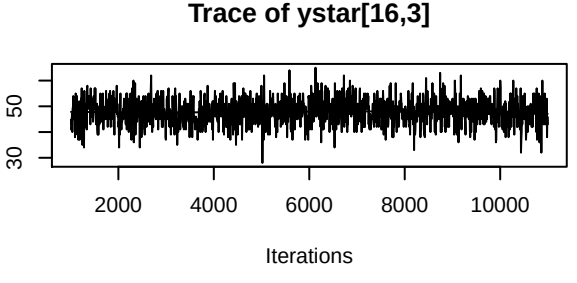
4000
6000
8000
10000
Iterations


Density of ystar[15,3]
0.00
0.05
29
35
40
45
50
55
60
65
69


Trace of ystar[16,3]
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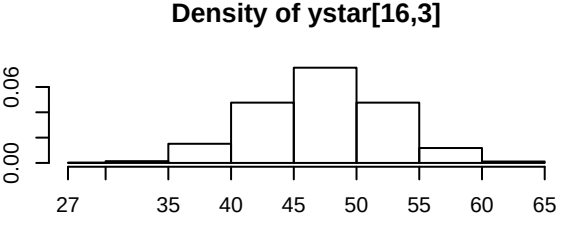
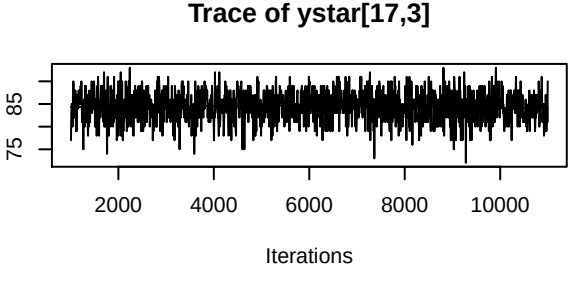
4000
6000
8000
10000
Iterations


Density of ystar[16,3]
0.00
0.06
27
35
40
45
50
55
60
65


Trace of ystar[17,3]
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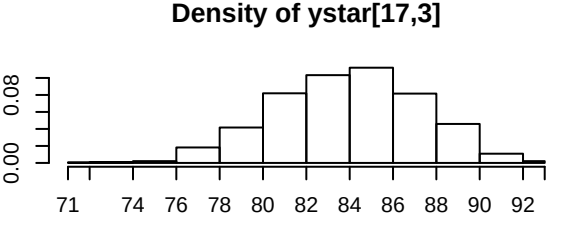
2000
4000
6000
8000
10000
Iterations


Density of ystar[17,3]
0.00
0.08
71
74
76
78
80
82
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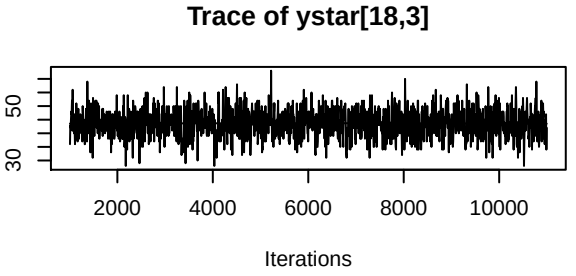
86
88
90
92


Trace of ystar[18,3]
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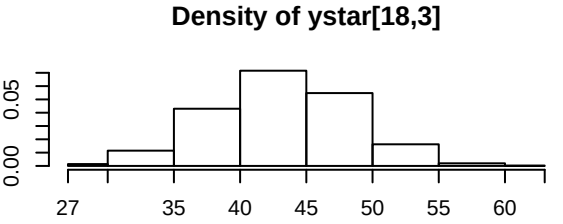
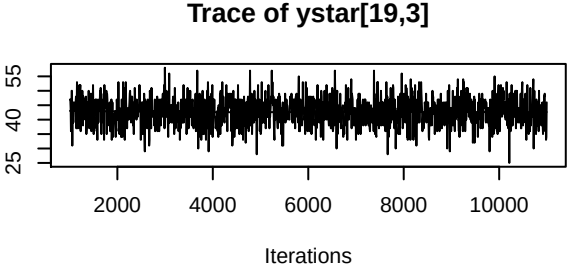
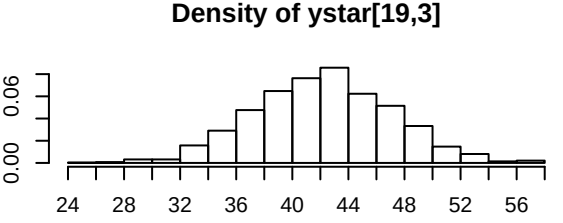
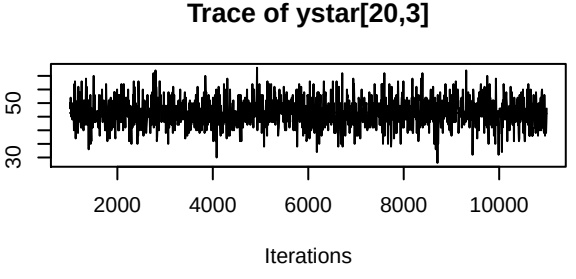
50
2000
4000
6000
8000
10000
Iterations


Density of ystar[18,3]
0.00
0.05
27
35
40
45
50
55
60


Trace of ystar[19,3]
25
40
55
2000
4000
6000
8000
10000
Iterations


Density of ystar[19,3]
0.00
0.06
24
28
32
36
40
44
48
52
56


Trace of ystar[20,3]
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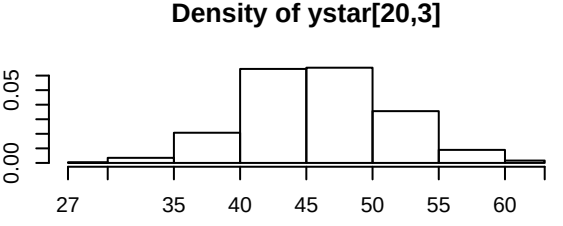
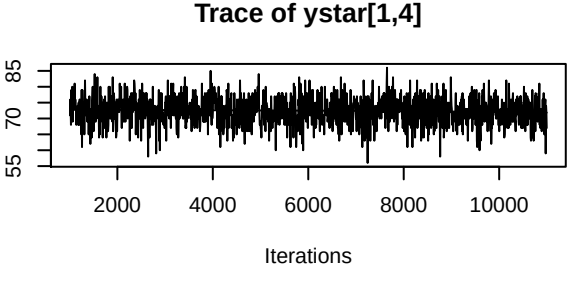
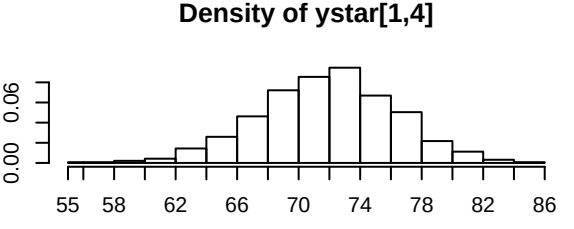
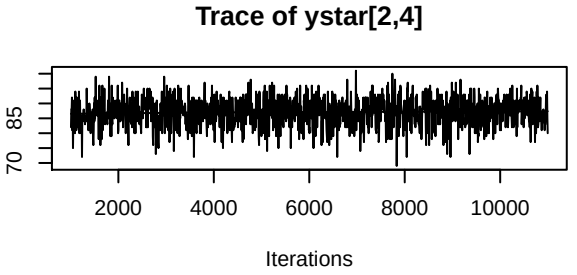
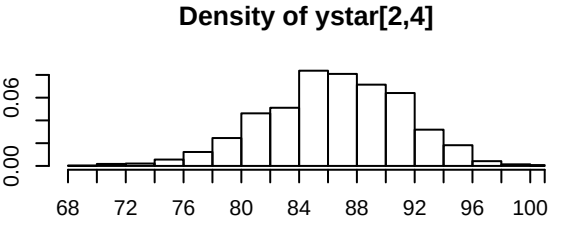
50
2000
4000
6000
8000
10000
Iterations

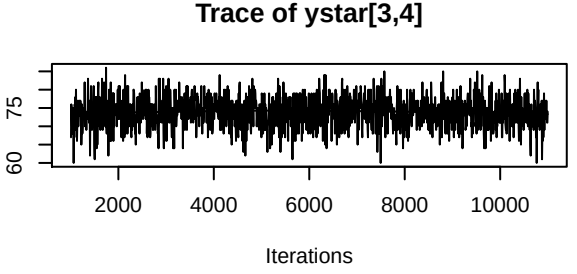

Density of ystar[20,3]
0.00
0.05
27
35
40
45
50
55
60

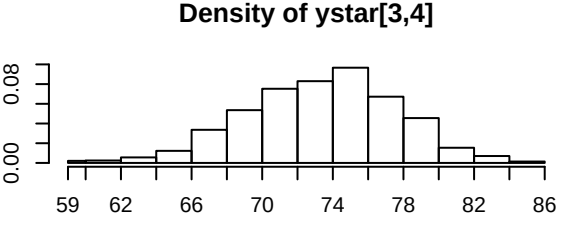

Trace of ystar[1,4]
55
70
85
2000
4000
6000
8000
10000
Iterations

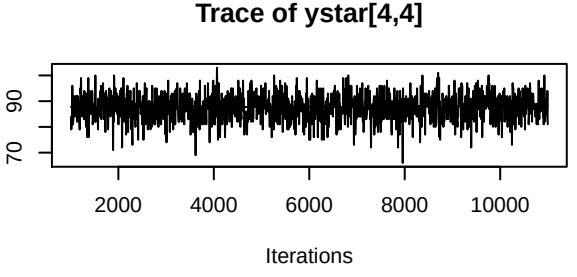

Density of ystar[1,4]
0.00
0.06
55
58
62
66
70
74
78
82
86

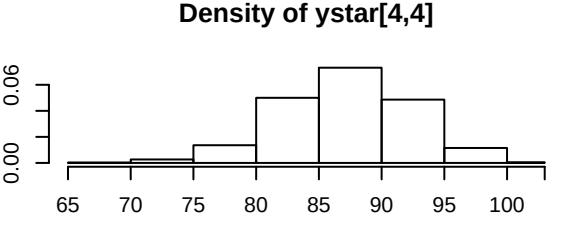

Trace of ystar[2,4]
70
85
2000
4000
6000
8000
10000
Iterations

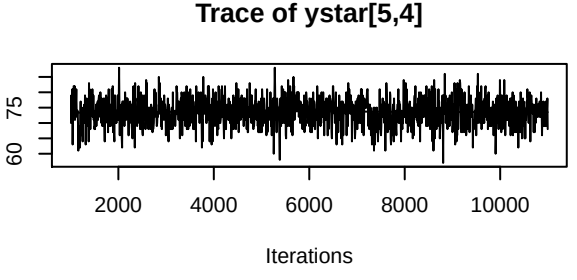

Density of ystar[2,4]
0.00
0.06
68
72
76
80
84
88
92
96
100

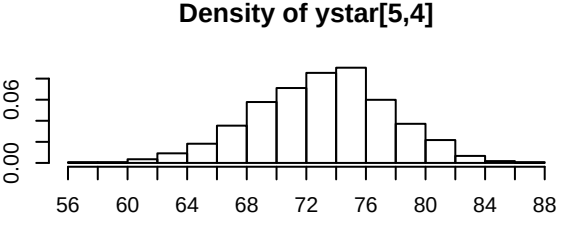

Trace of ystar[3,4]
60
75
2000
4000
6000
8000
10000
Iterations

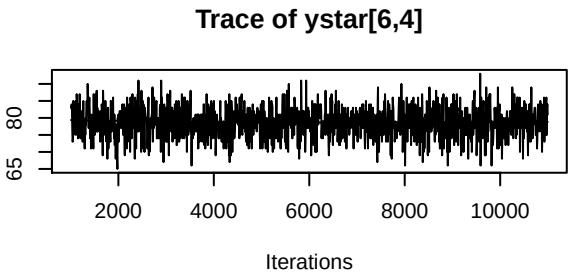

Density of ystar[3,4]
0.00
0.08
59
62
66
70
74
78
82
86

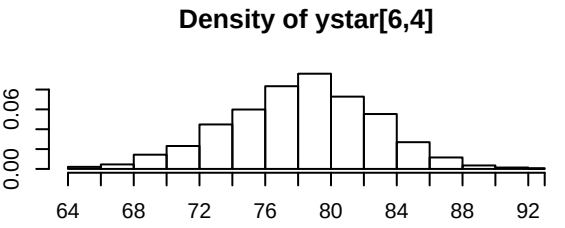

Trace of ystar[4,4]
70
90
2000
4000
6000
8000
10000
Iterations

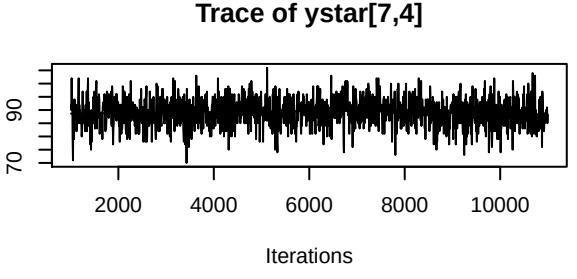

Density of ystar[4,4]
0.00
0.06
65
70
75
80
85
90
95
100

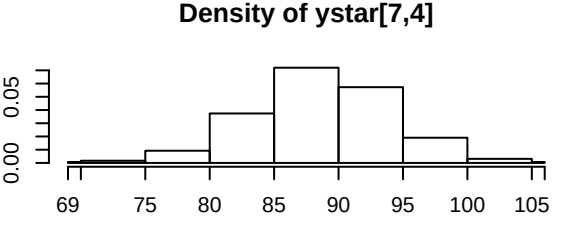

Trace of ystar[5,4]
60
75
2000
4000
6000
8000
10000
Iterations

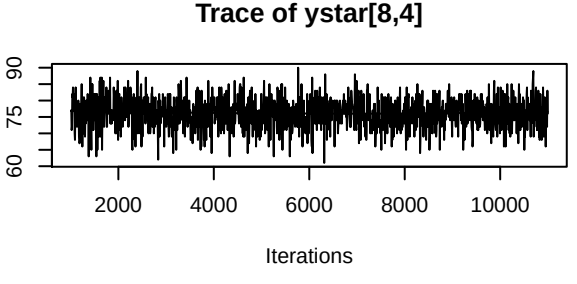

Density of ystar[5,4]
0.00
0.06
56
60
64
68
72
76
80
84
88


Trace of ystar[6,4]
65
80
2000
4000
6000
8000
10000
Iterations


Density of ystar[6,4]
0.00
0.06
64
68
72
76
80
84
88
92


Trace of ystar[7,4]
70
90
2000
4000
6000
8000
10000
Iterations


Density of ystar[7,4]
0.00
0.05
69
75
80
85
90
95
100
105


Trace of ystar[8,4]
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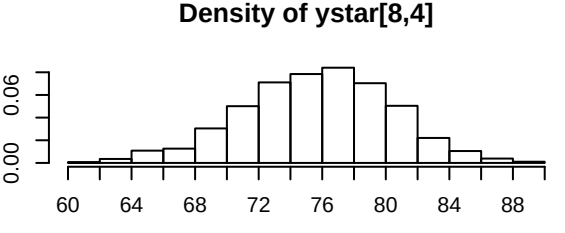
75
90
2000
4000
6000
8000
10000
Iterations


Density of ystar[8,4]
0.00
0.06
60
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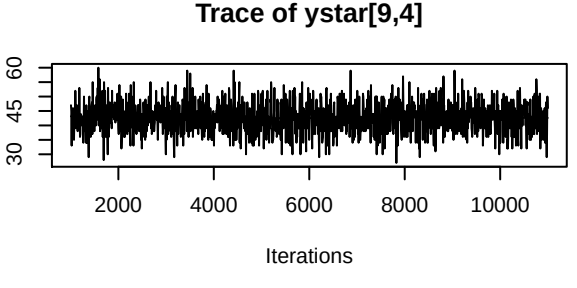
68
72
76
80
84
88


Trace of ystar[9,4]
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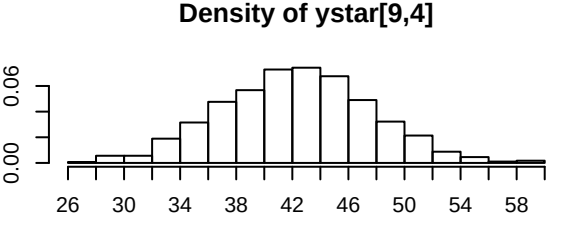
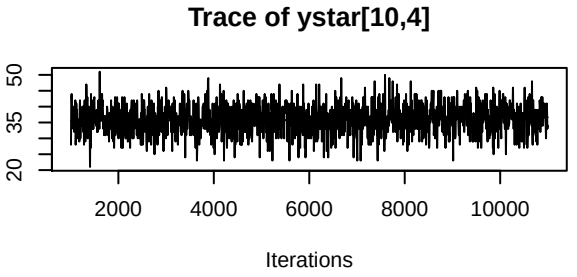
45
60
2000
4000
6000
8000
10000
Iterations


Density of ystar[9,4]
0.00
0.06
26
30
34
38
42
46
50
54
58


Trace of ystar[10,4]
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35
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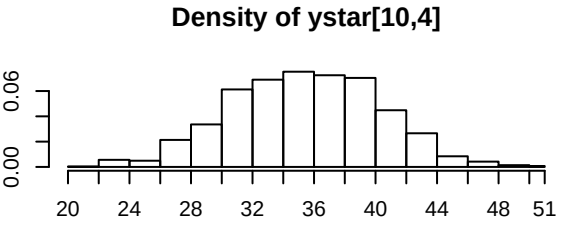
2000
4000
6000
8000
10000
Iterations


Density of ystar[10,4]
0.00
0.06
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24
28
32
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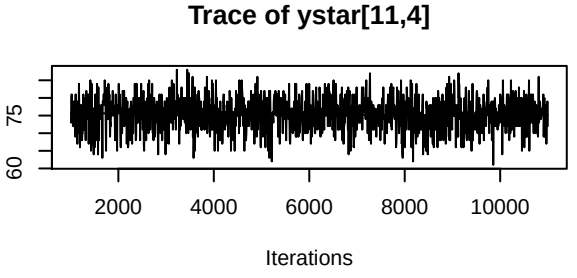
40
44
48
51


Trace of ystar[11,4]
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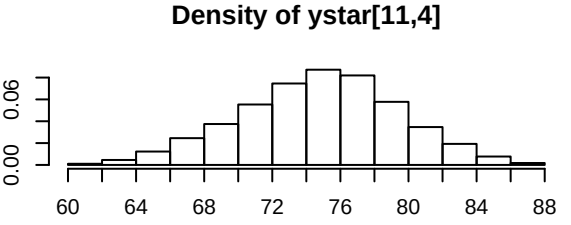
4000
6000
8000
10000
Iterations


Density of ystar[11,4]
0.00
0.06
60
64
68
72
76
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84
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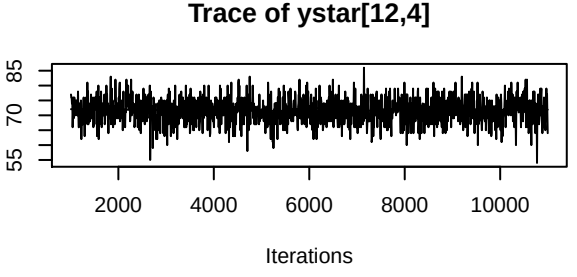
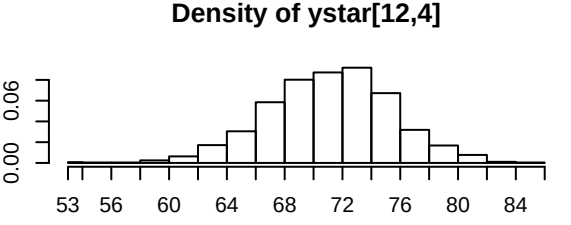

Trace of ystar[12,4]
55
70
85
2000
4000
6000
8000
10000
Iterations


Density of ystar[12,4]
0.00
0.06
53
56
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64
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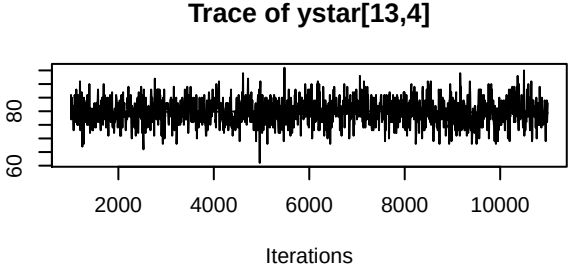
72
76
80
84


Trace of ystar[13,4]
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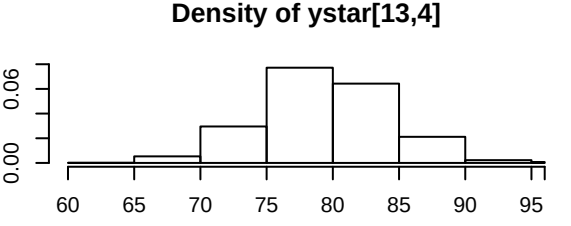
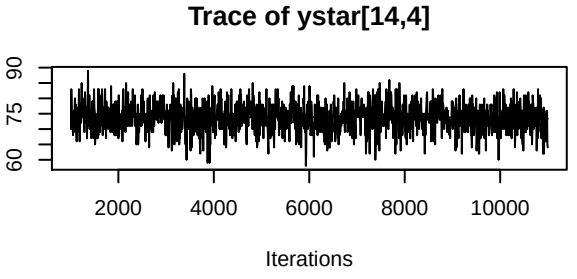
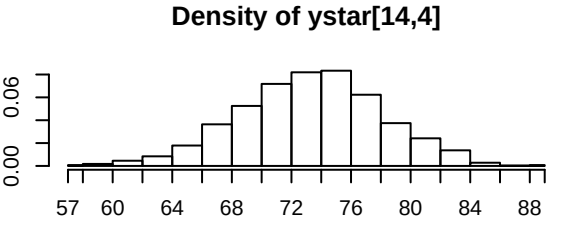
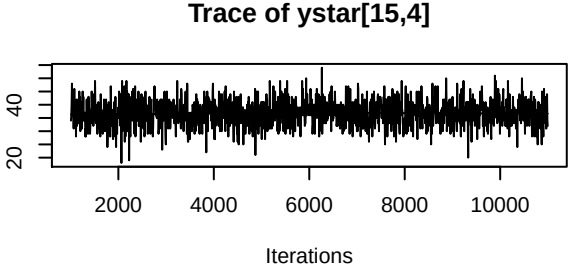
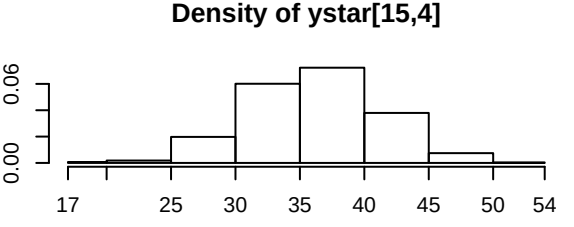
80
2000
4000
6000
8000
10000
Iterations

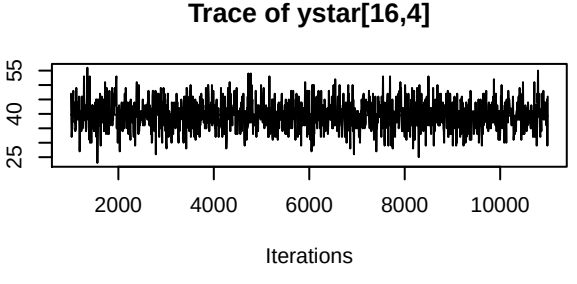

Density of ystar[13,4]
0.00
0.06
60
65
70
75
80
85
90
95

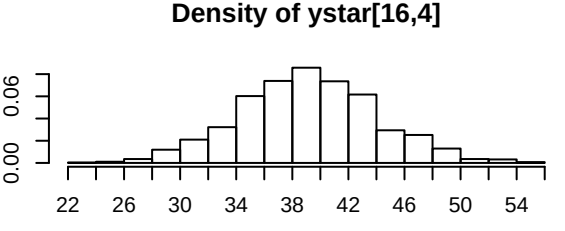

Trace of ystar[14,4]
60
75
90
2000
4000
6000
8000
10000
Iterations


Density of ystar[14,4]
0.00
0.06
57
60
64
68
72
76
80
84
88


Trace of ystar[15,4]
20
40
2000
4000
6000
8000
10000
Iterations


Density of ystar[15,4]
0.00
0.06
17
25
30
35
40
45
50
54


Trace of ystar[16,4]
25
40
55
2000
4000
6000
8000
10000
Iterations


Density of ystar[16,4]
0.00
0.06
22
26
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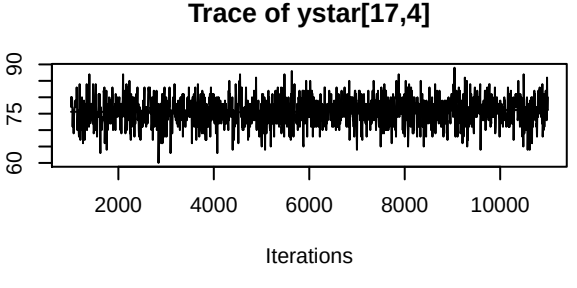
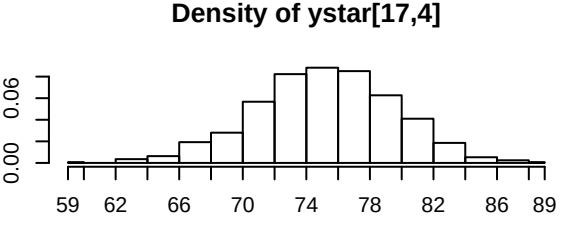
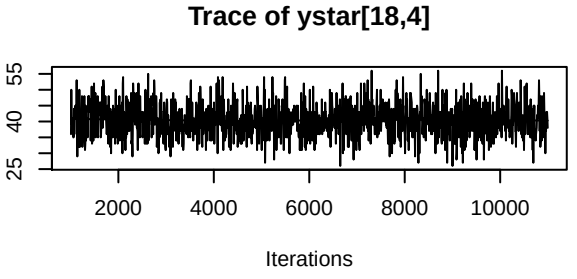
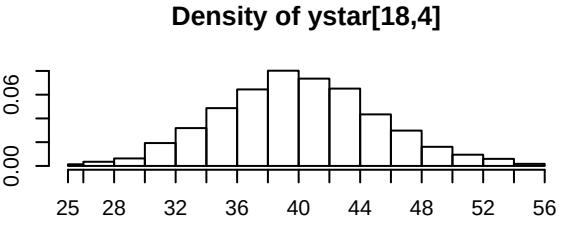
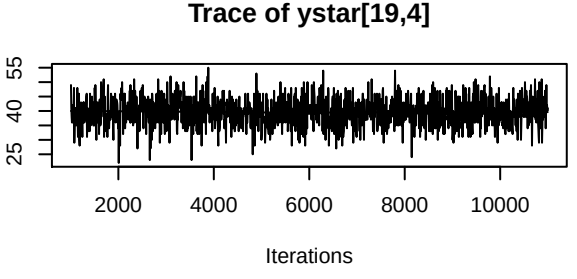
34
38
42
46
50
54

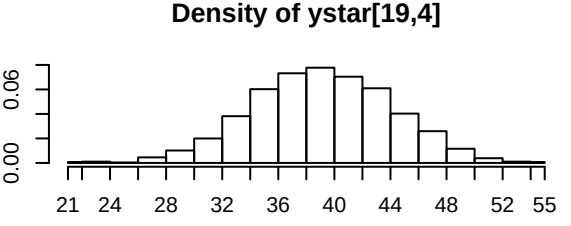

Trace of ystar[17,4]
60
75
90
2000
4000
6000
8000
10000
Iterations

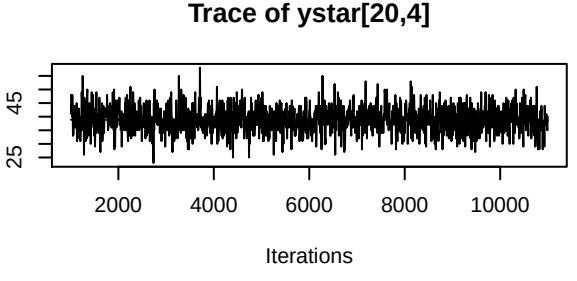

Density of ystar[17,4]
0.00
0.06
59
62
66
70
74
78
82
86
89

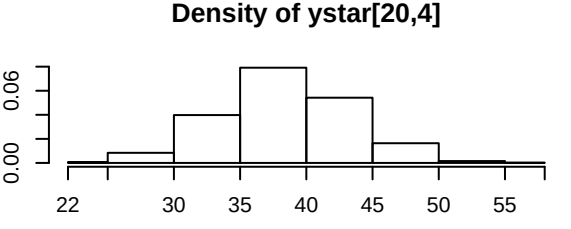

Trace of ystar[18,4]
25
40
55
2000
4000
6000
8000
10000
Iterations

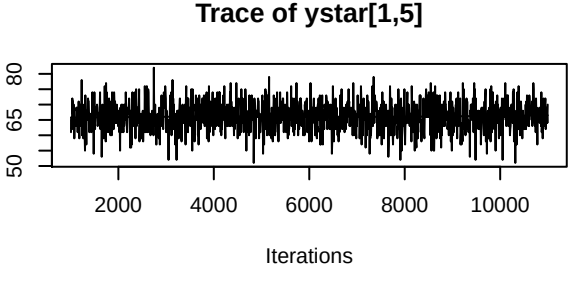

Density of ystar[18,4]
0.00
0.06
25
28
32
36
40
44
48
52
56

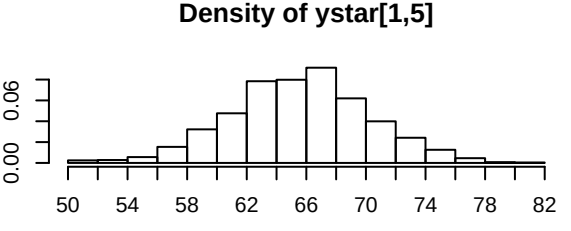

Trace of ystar[19,4]
25
40
55
2000
4000
6000
8000
10000
Iterations

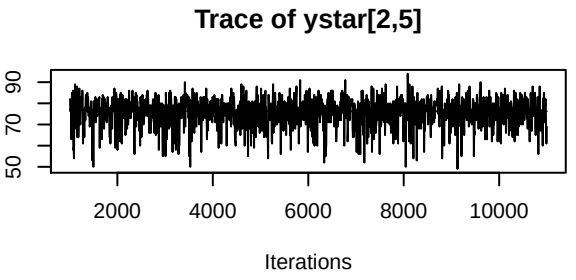

Density of ystar[19,4]
0.00
0.06
21
24
28
32
36
40
44
48
52
55

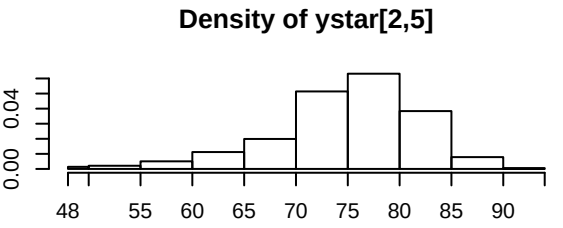

Trace of ystar[20,4]
25
45
2000
4000
6000
8000
10000
Iterations

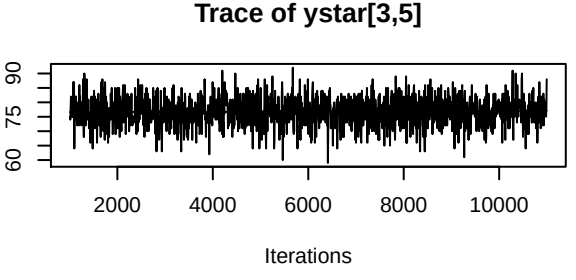

Density of ystar[20,4]
0.00
0.06
22
30
35
40
45
50
55

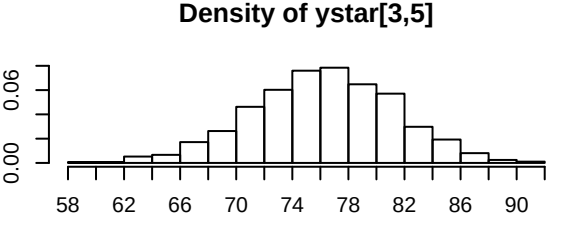

Trace of ystar[1,5]
50
65
80
2000
4000
6000
8000
10000
Iterations

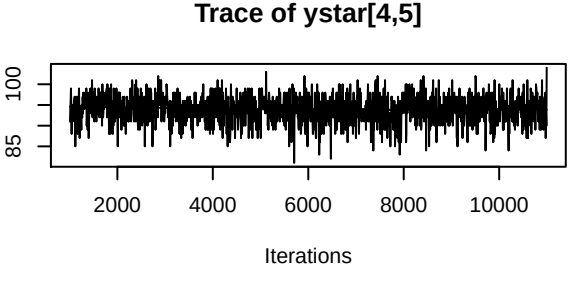

Density of ystar[1,5]
0.00
0.06
50
54
58
62
66
70
74
78
82

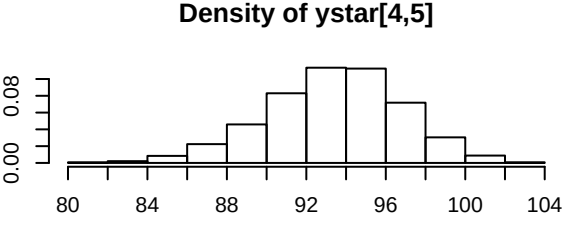

Trace of ystar[2,5]
50
70
90
2000
4000
6000
8000
10000
Iterations

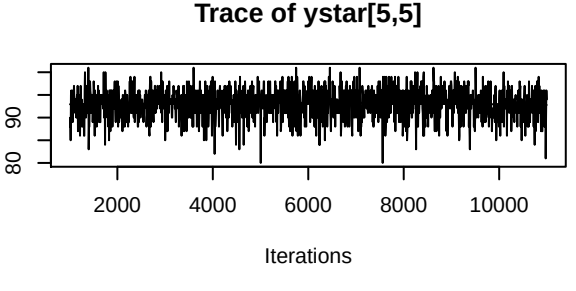

Density of ystar[2,5]
0.00
0.04
48
55
60
65
70
75
80
85
90

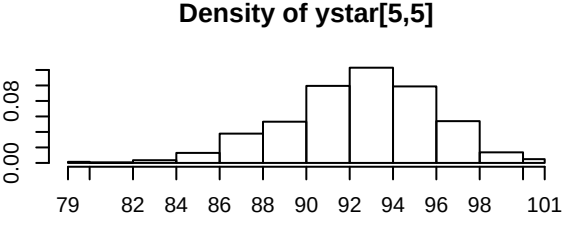

Trace of ystar[3,5]
60
75
90
2000
4000
6000
8000
10000
Iterations

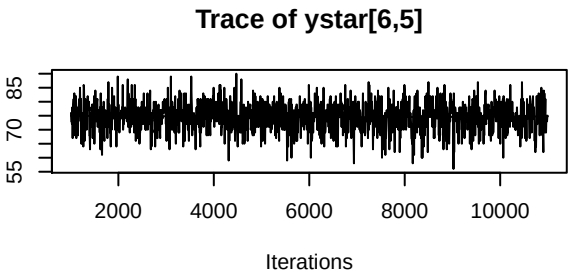

Density of ystar[3,5]
0.00
0.06
58
62
66
70
74
78
82
86
90

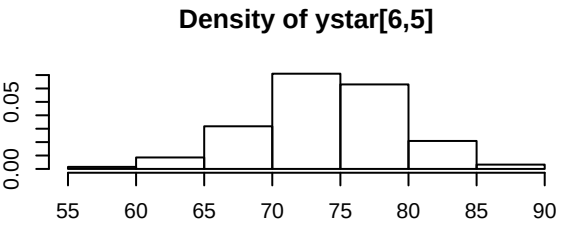

Trace of ystar[4,5]
85
100
2000
4000
6000
8000
10000
Iterations


Density of ystar[4,5]
0.00
0.08
80
84
88
92
96
100
104


Trace of ystar[5,5]
80
90
2000
4000
6000
8000
10000
Iterations


Density of ystar[5,5]
0.00
0.08
79
82
84
86
88
90
92
94
96
98
101


Trace of ystar[6,5]
55
70
85
2000
4000
6000
8000
10000
Iterations


Density of ystar[6,5]
0.00
0.05
55
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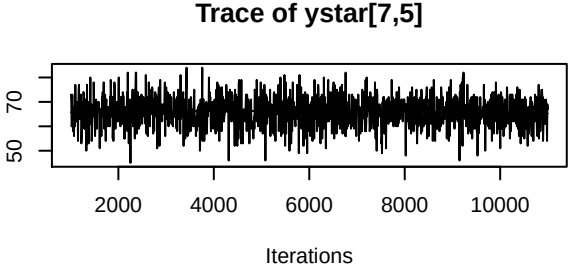
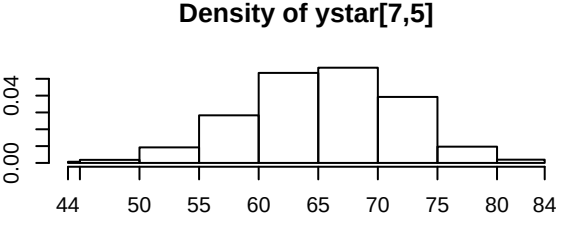
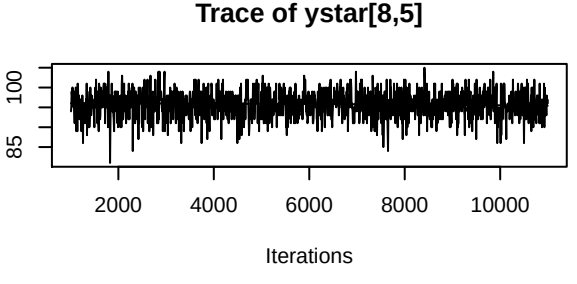
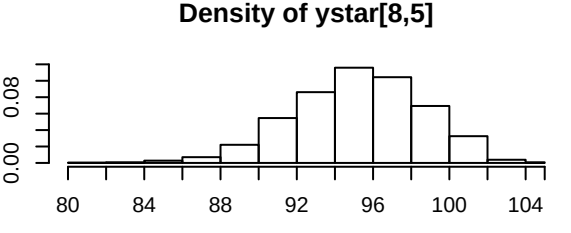
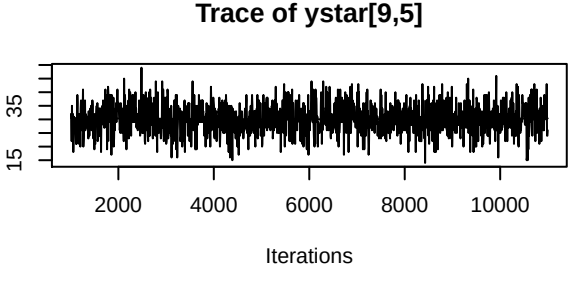
70
75
80
85
90

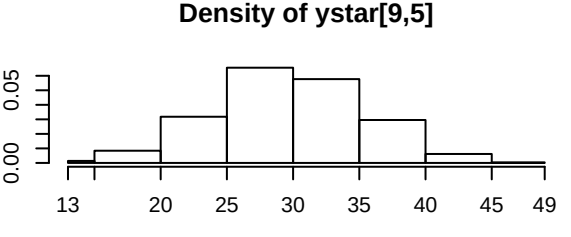

Trace of ystar[7,5]
50
70
2000
4000
6000
8000
10000
Iterations

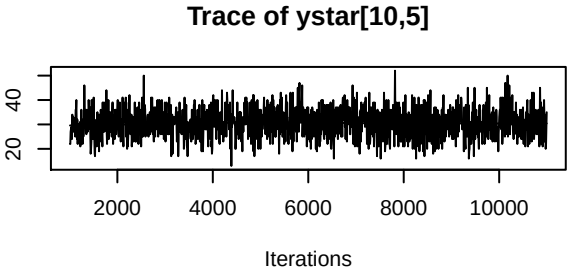

Density of ystar[7,5]
0.00
0.04
44
50
55
60
65
70
75
80
84

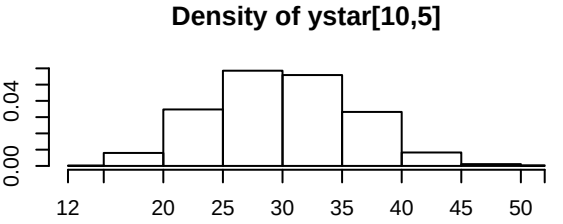

Trace of ystar[8,5]
85
100
2000
4000
6000
8000
10000
Iterations

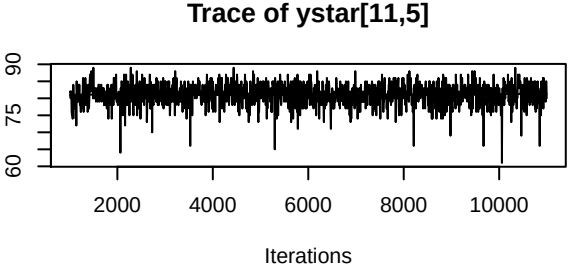

Density of ystar[8,5]
0.00
0.08
80
84
88
92
96
100
104


Trace of ystar[9,5]
15
35
2000
4000
6000
8000
10000
Iterations


Density of ystar[9,5]
0.00
0.05
13
20
25
30
35
40
45
49


Trace of ystar[10,5]
20
40
2000
4000
6000
8000
10000
Iterations


Density of ystar[10,5]
0.00
0.04
12
20
25
30
35
40
45
50


Trace of ystar[11,5]
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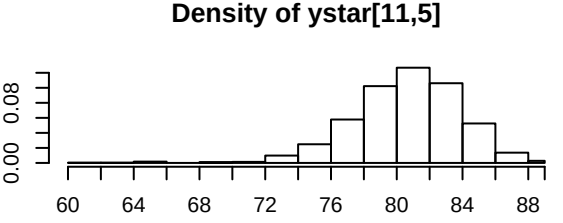
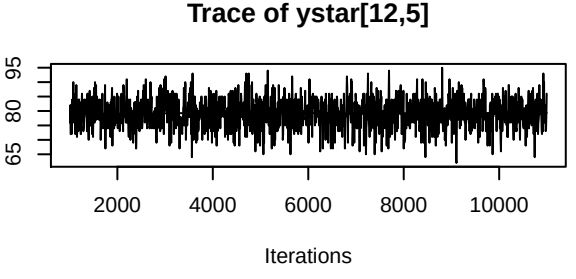
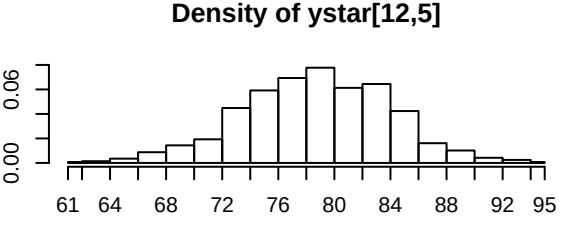
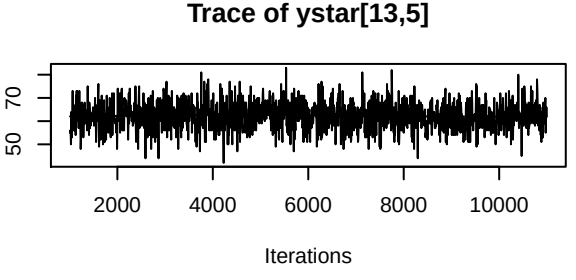
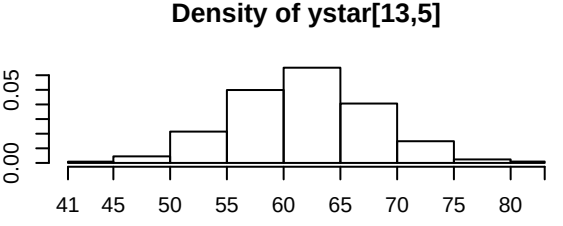
75
90
2000
4000
6000
8000
10000
Iterations

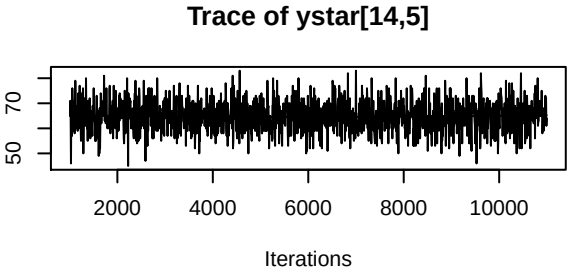

Density of ystar[11,5]
0.00
0.08
60
64
68
72
76
80
84
88

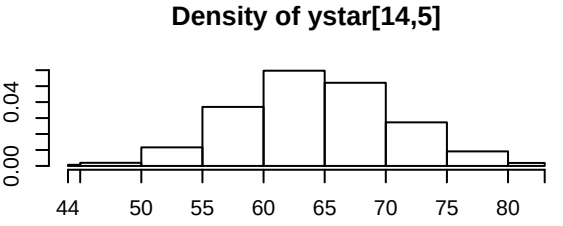

Trace of ystar[12,5]
65
80
95
2000
4000
6000
8000
10000
Iterations

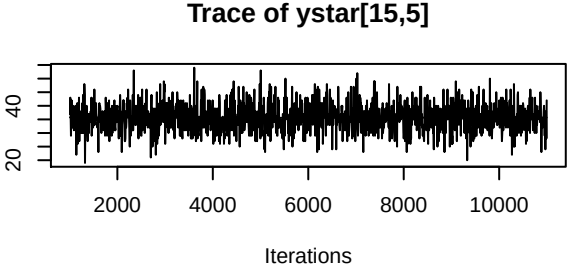

Density of ystar[12,5]
0.00
0.06
61
64
68
72
76
80
84
88
92
95

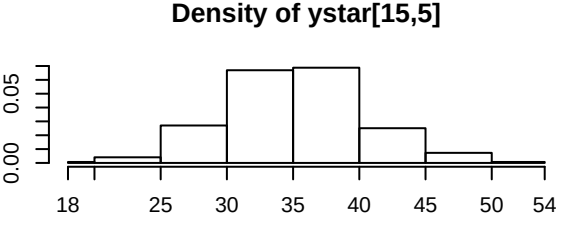

Trace of ystar[13,5]
50
70
2000
4000
6000
8000
10000
Iterations

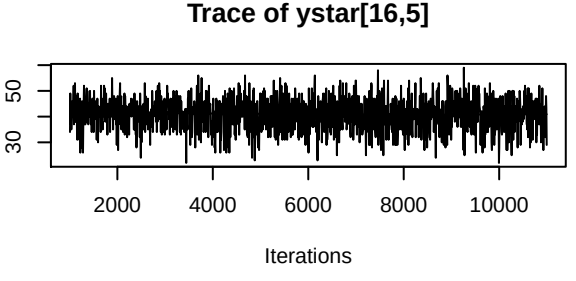

Density of ystar[13,5]
0.00
0.05
41
45
50
55
60
65
70
75
80

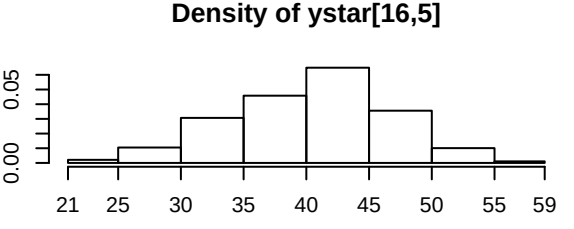

Trace of ystar[14,5]
50
70
2000
4000
6000
8000
10000
Iterations

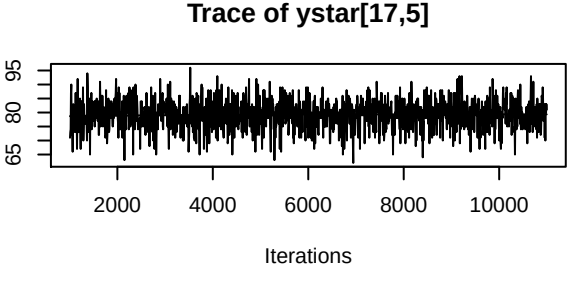

Density of ystar[14,5]
0.00
0.04
44
50
55
60
65
70
75
80

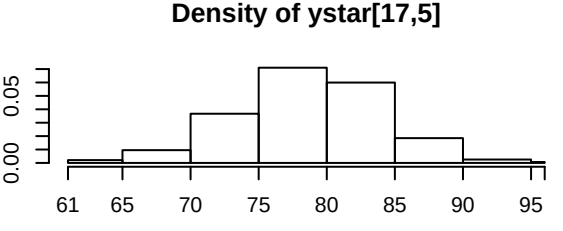

Trace of ystar[15,5]
20
40
2000
4000
6000
8000
10000
Iterations

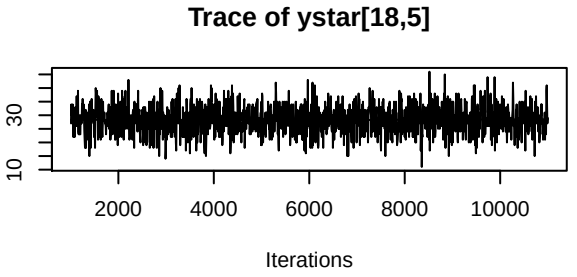

Density of ystar[15,5]
0.00
0.05
18
25
30
35
40
45
50
54

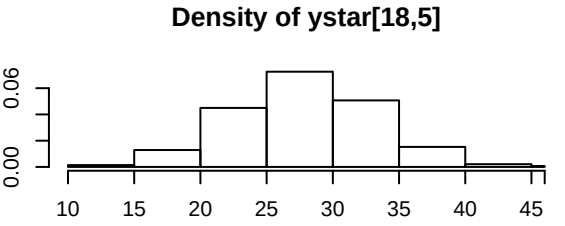

Trace of ystar[16,5]
30
50
2000
4000
6000
8000
10000
Iterations

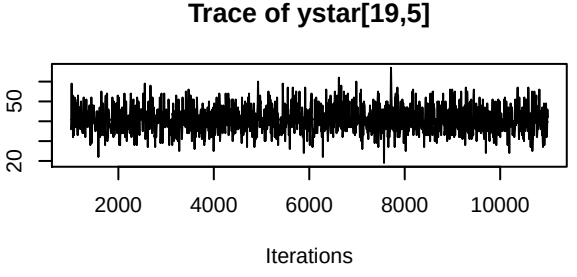

Density of ystar[16,5]
0.00
0.05
21
25
30
35
40
45
50
55
59

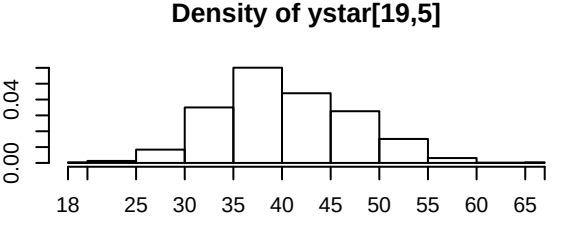

Trace of ystar[17,5]
65
80
95
2000
4000
6000
8000
10000
Iterations

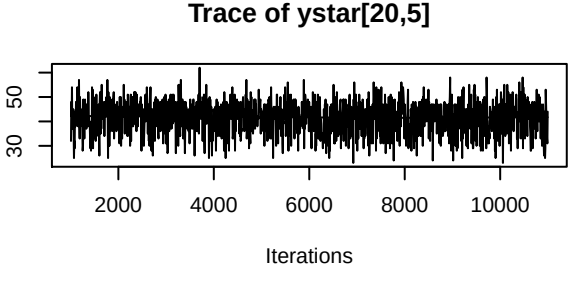

Density of ystar[17,5]
0.00
0.05
61
65
70
75
80
85
90
95

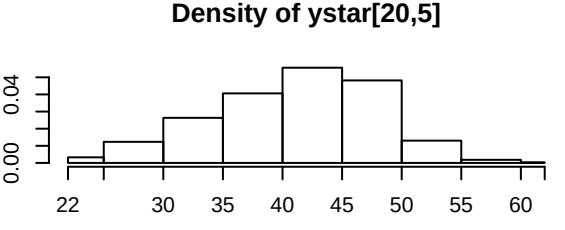

Trace of ystar[18,5]
10
30
2000
4000
6000
8000
10000
Iterations

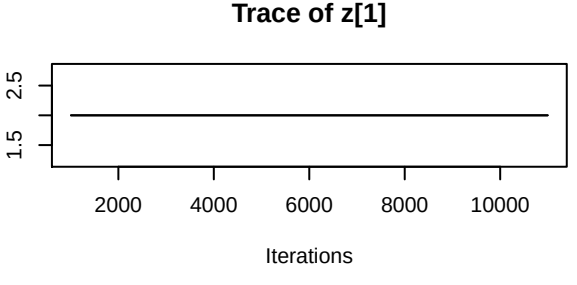

Density of ystar[18,5]
0.00
0.06
10
15
20
25
30
35
40
45

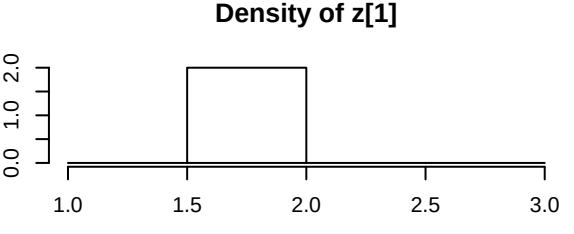

Trace of ystar[19,5]
20
50
2000
4000
6000
8000
10000
Iterations

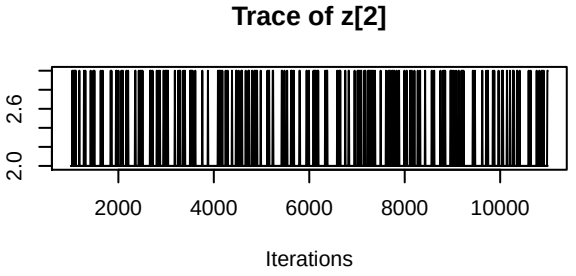

Density of ystar[19,5]
0.00
0.04
18
25
30
35
40
45
50
55
60
65

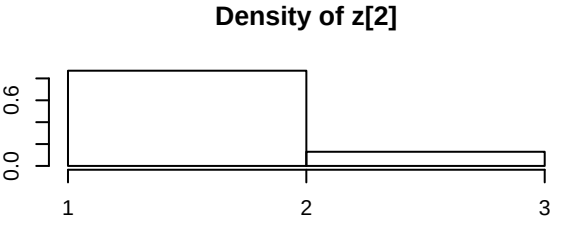

Trace of ystar[20,5]
30
50
2000
4000
6000
8000
10000
Iterations

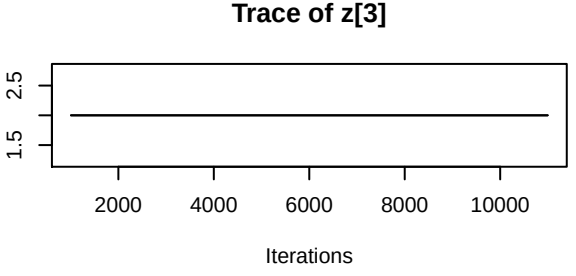

Density of ystar[20,5]
0.00
0.04
22
30
35
40
45
50
55
60

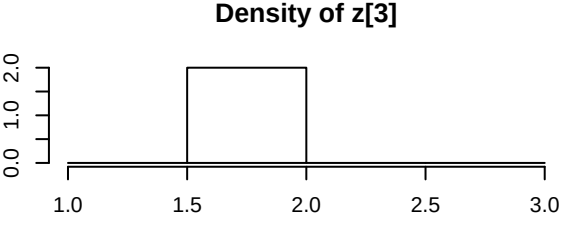

Trace of z[1]
1.5
2.5
2000
4000
6000
8000
10000
Iterations

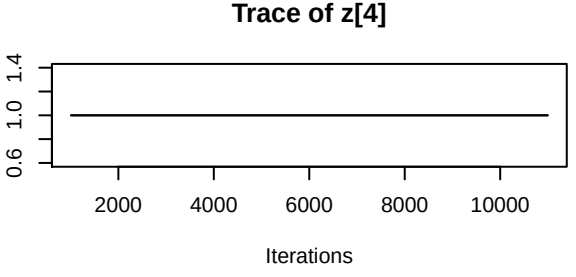

Density of z[1]
0.0
1.0
2.0
1.0
1.5
2.0
2.5
3.0

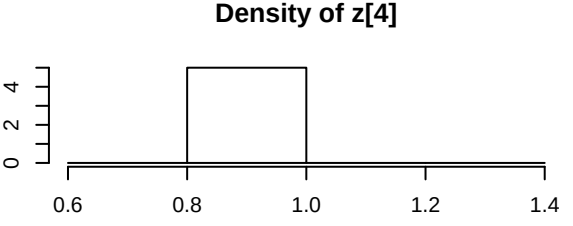

Trace of z[2]
2.0
2.6
2000
4000
6000
8000
10000
Iterations

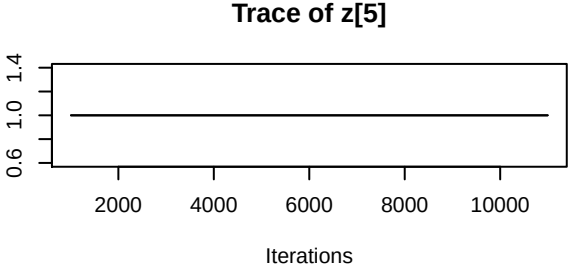

Density of z[2]
0.0
0.6
1
2
3

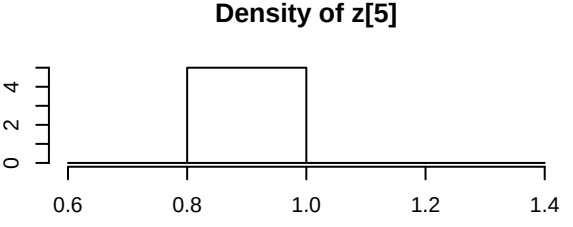

Trace of z[3]
1.5
2.5
2000
4000
6000
8000
10000
Iterations

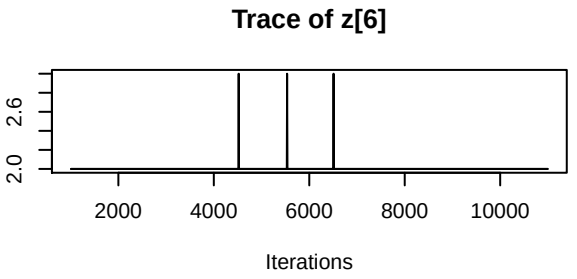

Density of z[3]
0.0
1.0
2.0
1.0
1.5
2.0
2.5
3.0

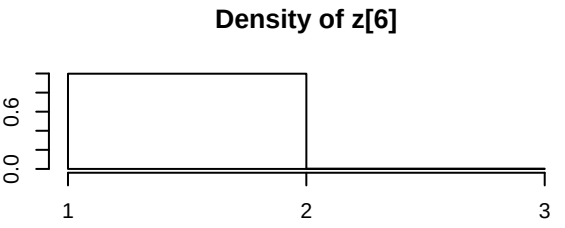

Trace of z[4]
0.6
1.0
1.4
2000
4000
6000
8000
10000
Iterations

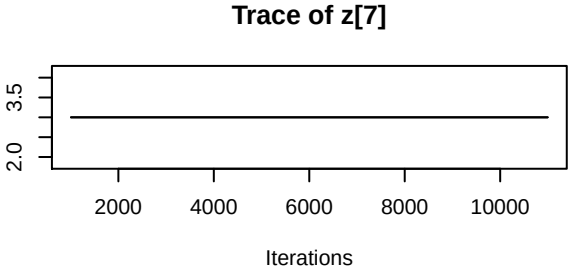

Density of z[4]
0
2
4
0.6
0.8
1.0
1.2
1.4

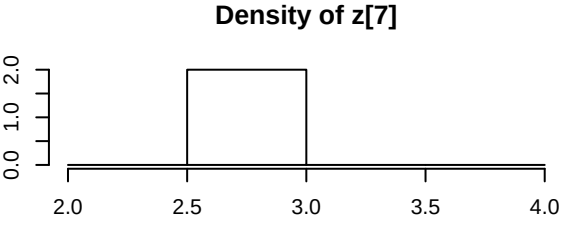

Trace of z[5]
0.6
1.0
1.4
2000
4000
6000
8000
10000
Iterations

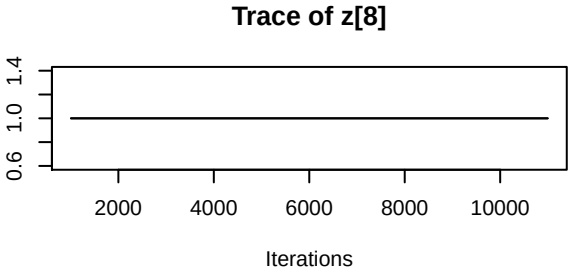

Density of z[5]
0
2
4
0.6
0.8
1.0
1.2
1.4

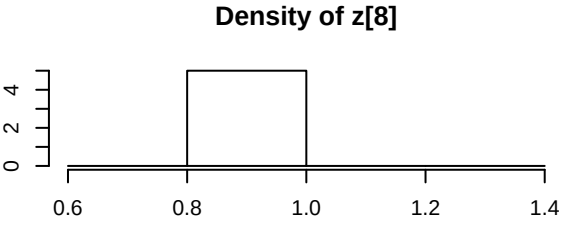

Trace of z[6]
2.0
2.6
2000
4000
6000
8000
10000
Iterations

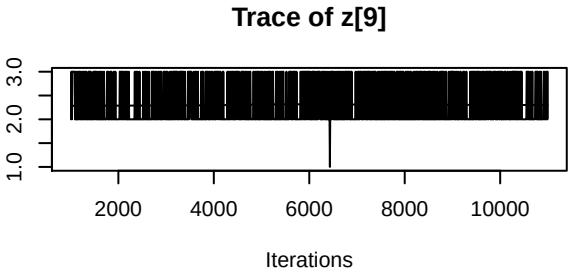

Density of z[6]
0.0
0.6
1
2
3

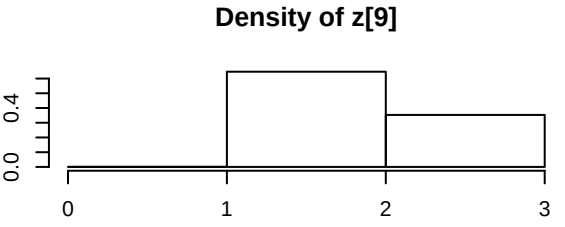

Trace of z[7]
2.0
3.5
2000
4000
6000
8000
10000
Iterations

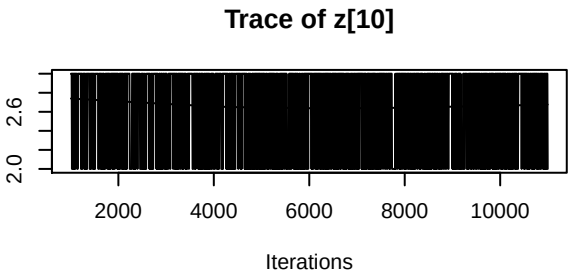

Density of z[7]
0.0
1.0
2.0
2.0
2.5
3.0
3.5
4.0

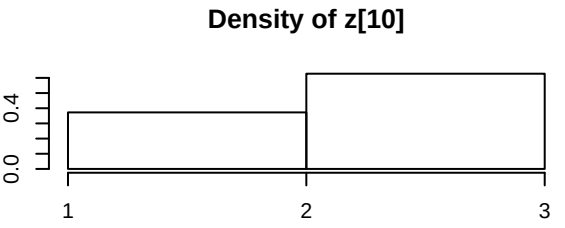

Trace of z[8]
0.6
1.0
1.4
2000
4000
6000
8000
10000
Iterations

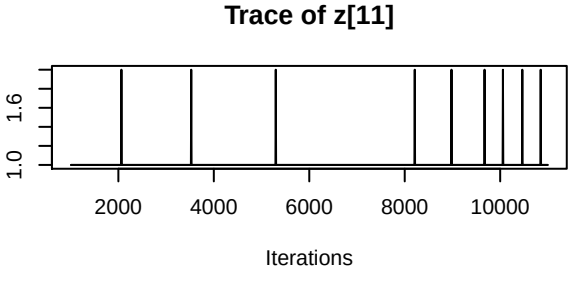

Density of z[8]
0
2
4
0.6
0.8
1.0
1.2
1.4

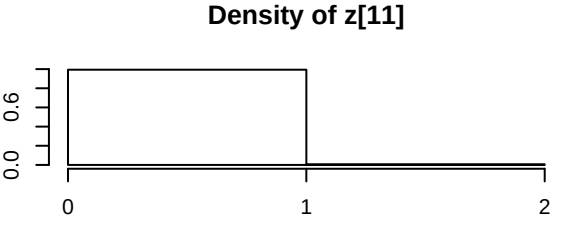

Trace of z[9]
1.0
2.0
3.0
2000
4000
6000
8000
10000
Iterations

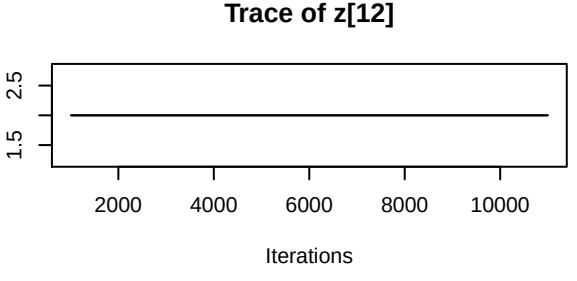

Density of z[9]
0.0
0.4
0
1
2
3

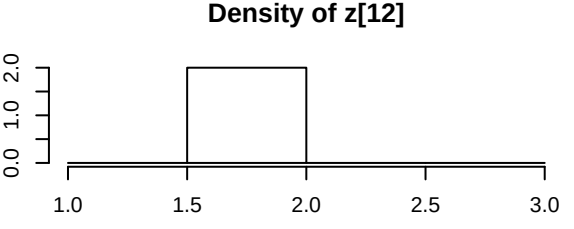

Trace of z[10]
2.0
2.6
2000
4000
6000
8000
10000
Iterations

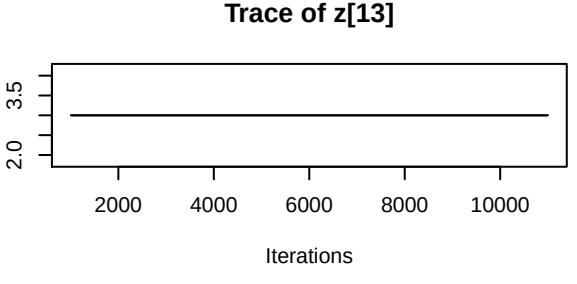

Density of z[10]
0.0
0.4
1
2
3

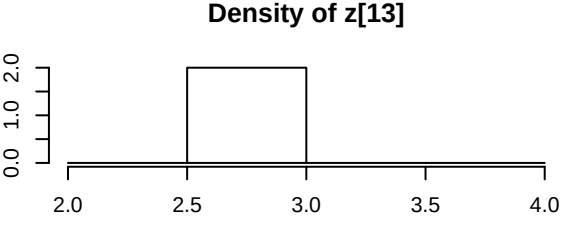

Trace of z[11]
1.0
1.6
2000
4000
6000
8000
10000
Iterations

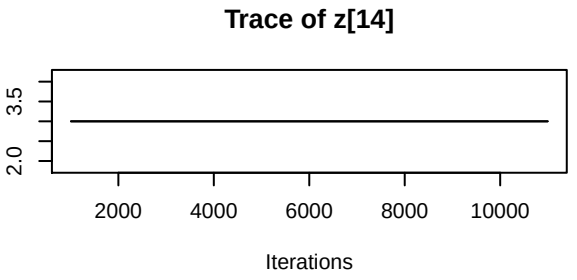

Density of z[11]
0.0
0.6
0
1
2

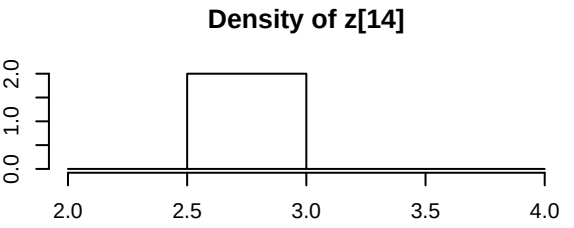

Trace of z[12]
1.5
2.5
2000
4000
6000
8000
10000
Iterations

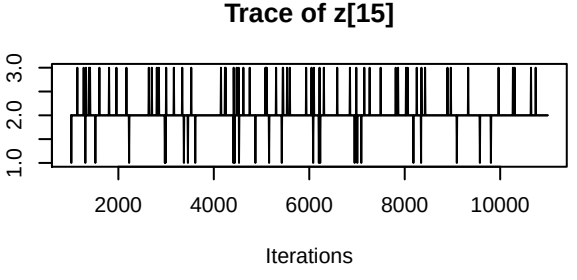

Density of z[12]
0.0
1.0
2.0
1.0
1.5
2.0
2.5
3.0

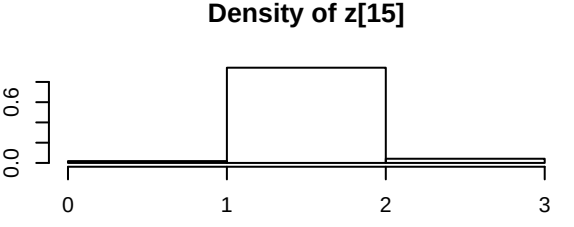

Trace of z[13]
2.0
3.5
2000
4000
6000
8000
10000
Iterations

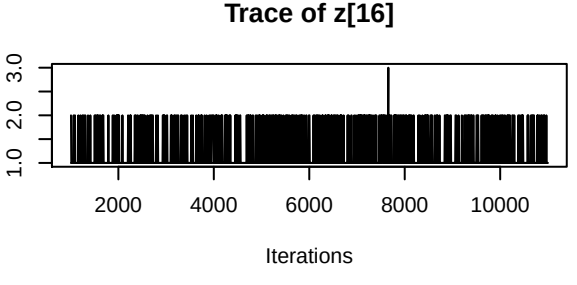

Density of z[13]
0.0
1.0
2.0
2.0
2.5
3.0
3.5
4.0

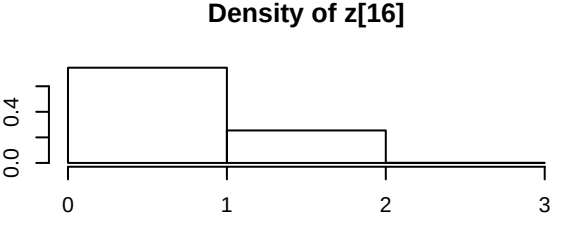

Trace of z[14]
2.0
3.5
2000
4000
6000
8000
10000
Iterations

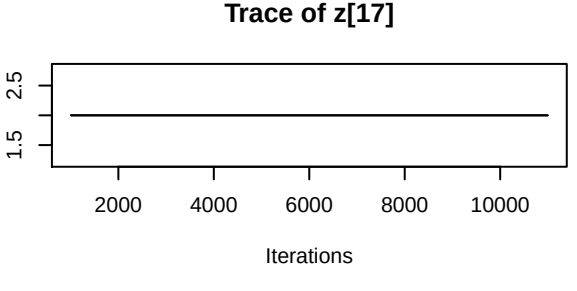

Density of z[14]
0.0
1.0
2.0
2.0
2.5
3.0
3.5
4.0

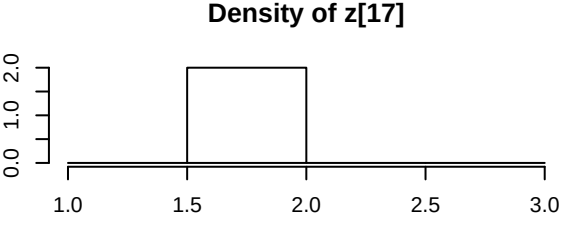

Trace of z[15]
1.0
2.0
3.0
2000
4000
6000
8000
10000
Iterations

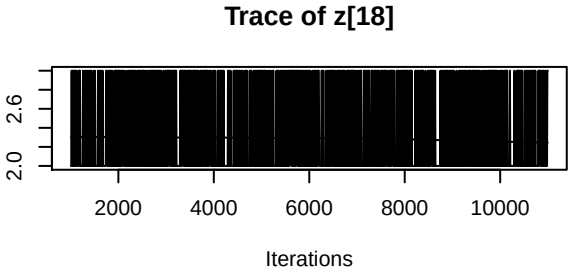

Density of z[15]
0.0
0.6
0
1
2
3

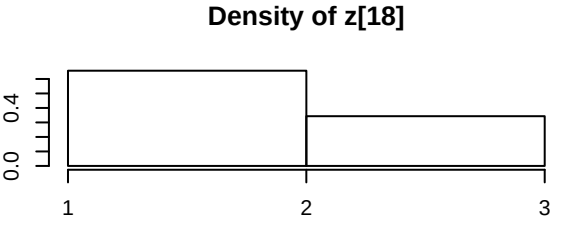

Trace of z[16]
1.0
2.0
3.0
2000
4000
6000
8000
10000
Iterations

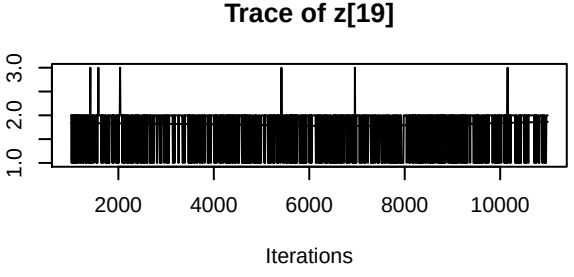

Density of z[16]
0.0
0.4
0
1
2
3

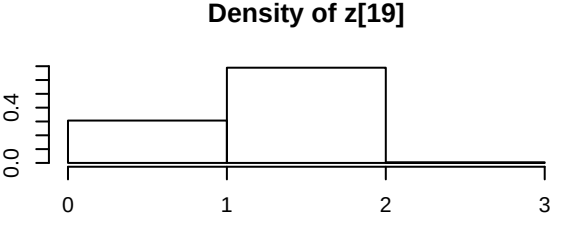

Trace of z[17]
1.5
2.5
2000
4000
6000
8000
10000
Iterations

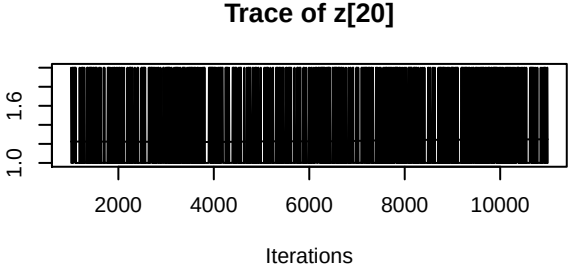

Density of z[17]
0.0
1.0
2.0
1.0
1.5
2.0
2.5
3.0

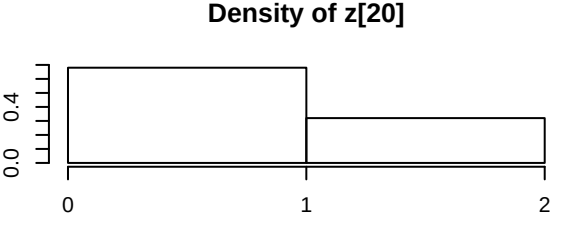

Trace of z[18]
2.0
2.6
2000
4000
6000
8000
10000
Iterations


Density of z[18]
0.0
0.4
1
2
3


Trace of z[19]
1.0
2.0
3.0
2000
4000
6000
8000
10000
Iterations


Density of z[19]
0.0
0.4
0
1
2
3


Trace of z[20]
1.0
1.6
2000
4000
6000
8000
10000
Iterations


Density of z[20]
0.0
0.4
0
1
2