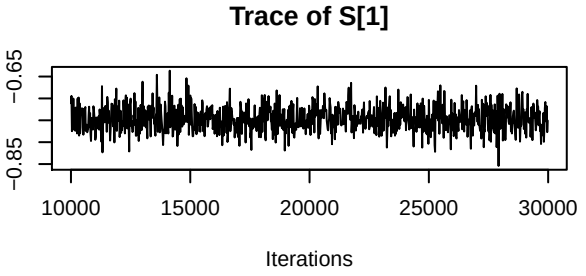
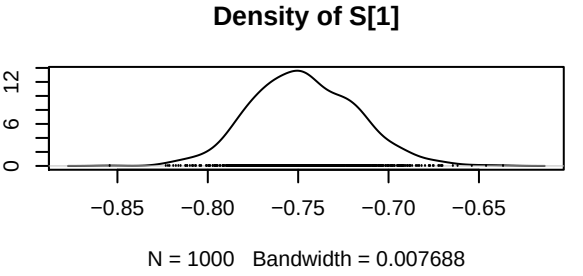
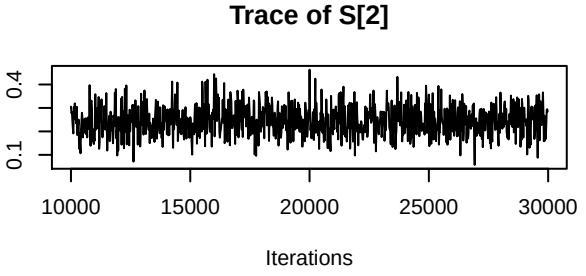
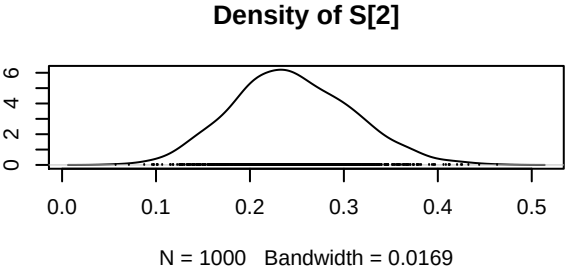
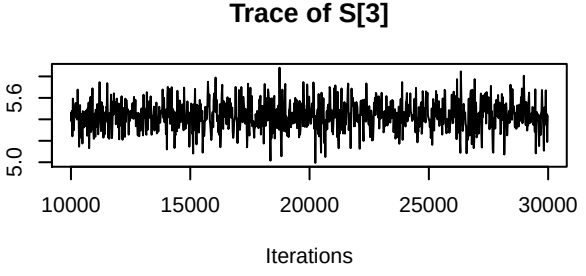
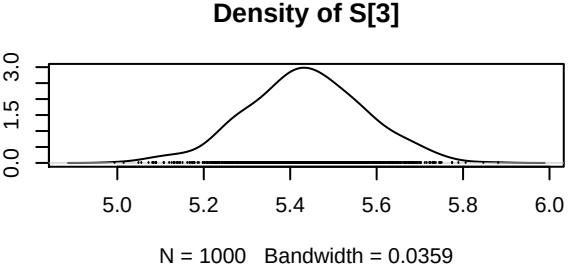

Trace of S[1]
−0.65
−0.85
10000
15000
20000
25000
30000
Iterations

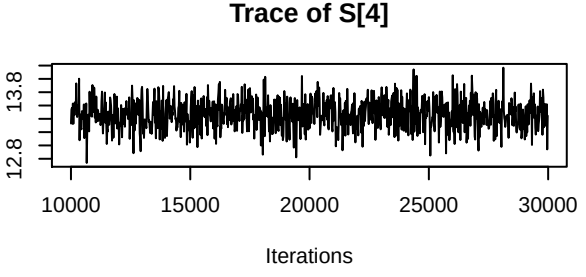

Density of S[1]
12
6
0
−0.85
−0.80
−0.75
−0.70
−0.65
N = 1000 Bandwidth = 0.007688

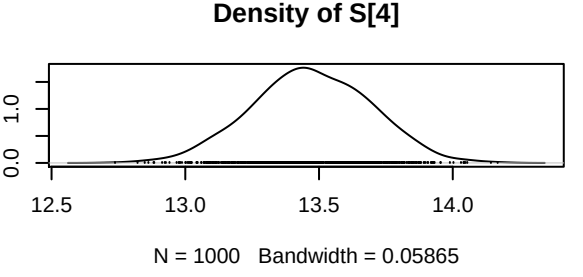

Trace of S[2]
0.4
0.1
10000
15000
20000
25000
30000
Iterations

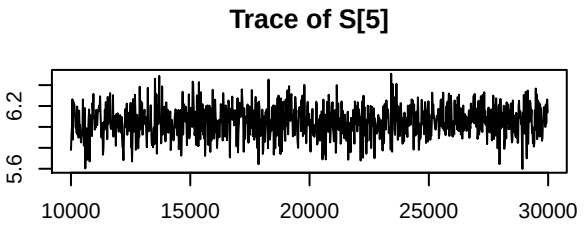

Density of S[2]
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
N = 1000 Bandwidth = 0.0169

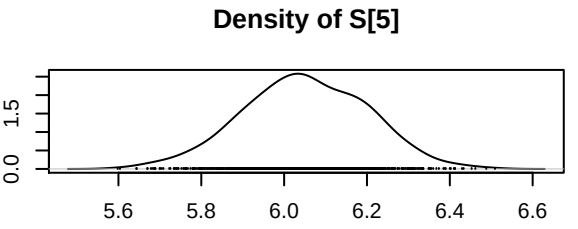

Trace of S[3]
5.6
5.0
10000
15000
20000
25000
30000
Iterations

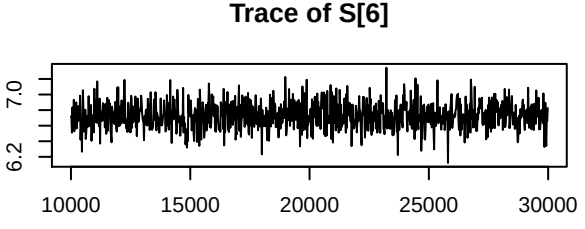

Density of S[3]
3.0
1.5
0.0
5.0
5.2
5.4
5.6
5.8
6.0
N = 1000 Bandwidth = 0.0359

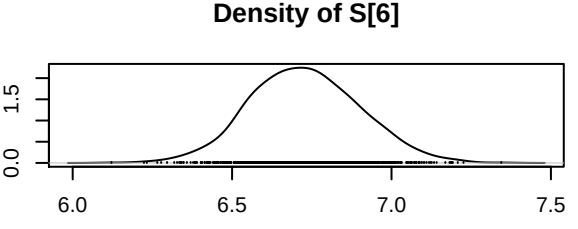

Trace of S[4]
13.8
12.8
10000
15000
20000
25000
30000
Iterations

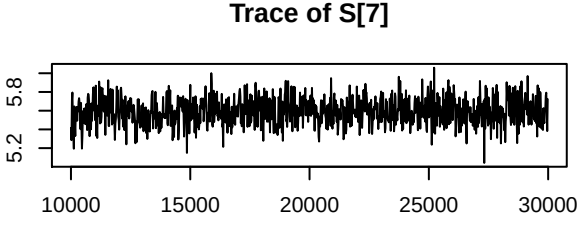

Density of S[4]
1.0
0.0
12.5
13.0
13.5
14.0
N = 1000 Bandwidth = 0.05865

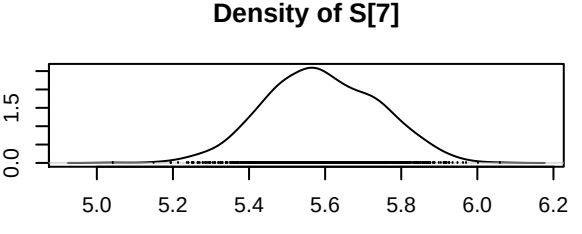

Trace of S[5]
5.6
6.2
10000
15000
20000
25000
30000
Iterations

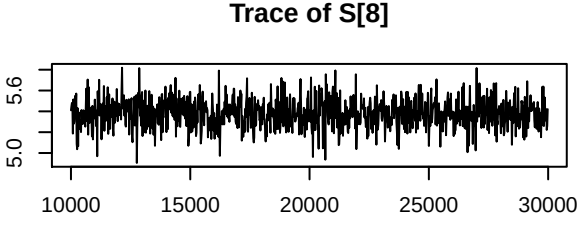

Density of S[5]
0.0
1.5
5.6
5.8
6.0
6.2
6.4
6.6
N = 1000 Bandwidth = 0.04002

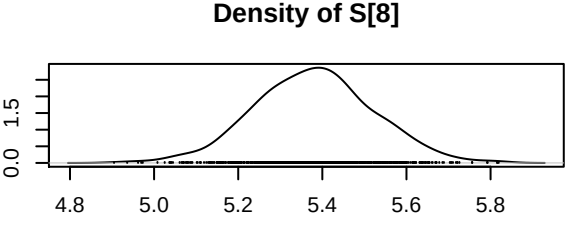

Trace of S[6]
6.2
7.0
10000
15000
20000
25000
30000
Iterations

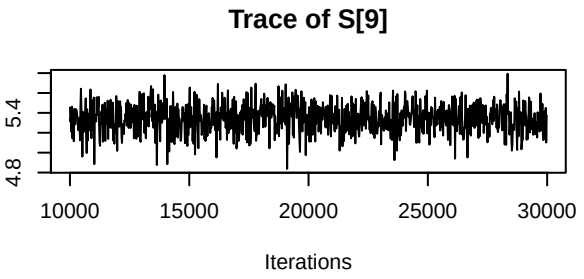

Density of S[6]
0.0
1.5
6.0
6.5
7.0
7.5
N = 1000 Bandwidth = 0.04542

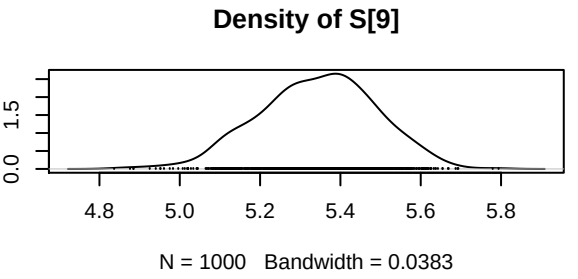

Trace of S[7]
5.2
5.8
10000
15000
20000
25000
30000
Iterations

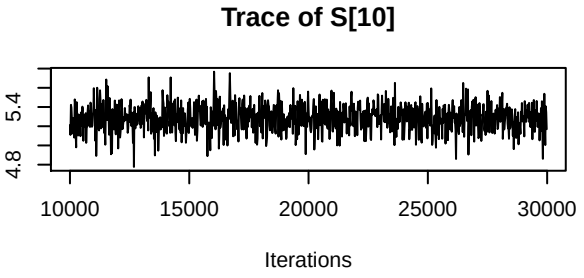

Density of S[7]
0.0
1.5
5.0
5.2
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.03926

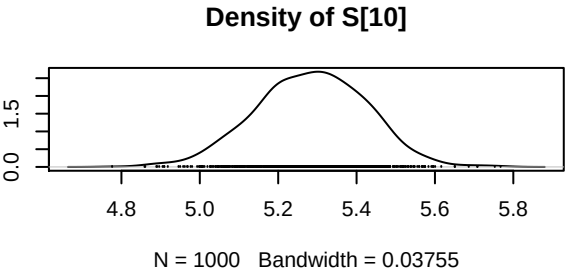

Trace of S[8]
5.0
5.6
10000
15000
20000
25000
30000
Iterations

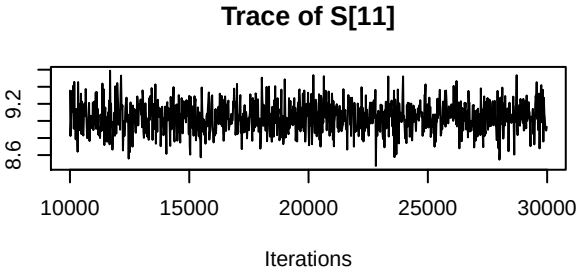

Density of S[8]
0.0
1.5
4.8
5.0
5.2
5.4
5.6
5.8
N = 1000 Bandwidth = 0.0365

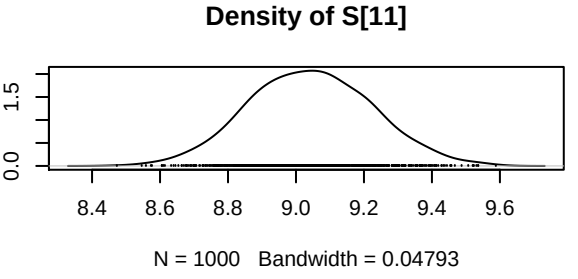

Trace of S[9]
4.8
5.4
10000
15000
20000
25000
30000
Iterations

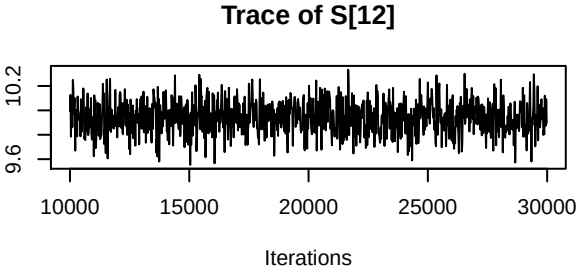

Density of S[9]
0.0
1.5
4.8
5.0
5.2
5.4
5.6
5.8
N = 1000 Bandwidth = 0.0383

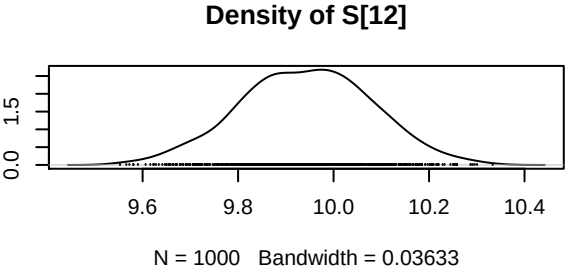

Trace of S[10]
4.8
5.4
10000
15000
20000
25000
30000
Iterations

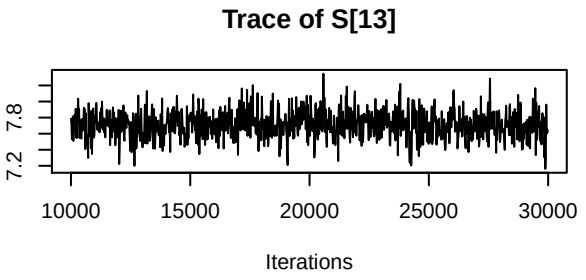

Density of S[10]
0.0
1.5
4.8
5.0
5.2
5.4
5.6
5.8
N = 1000 Bandwidth = 0.03755

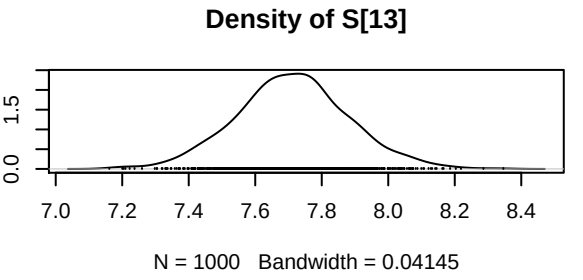

Trace of S[11]
8.6
9.2
10000
15000
20000
25000
30000
Iterations

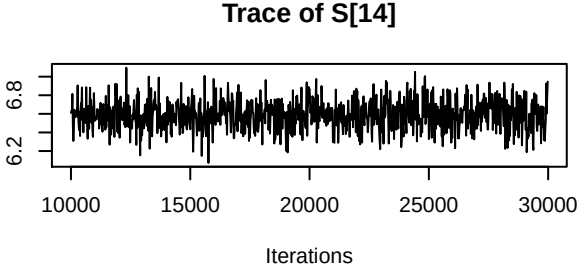

Density of S[11]
0.0
1.5
8.4
8.6
8.8
9.0
9.2
9.4
9.6
N = 1000 Bandwidth = 0.04793

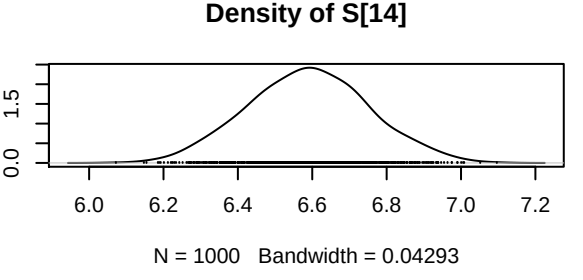

Trace of S[12]
9.6
10.2
10000
15000
20000
25000
30000
Iterations

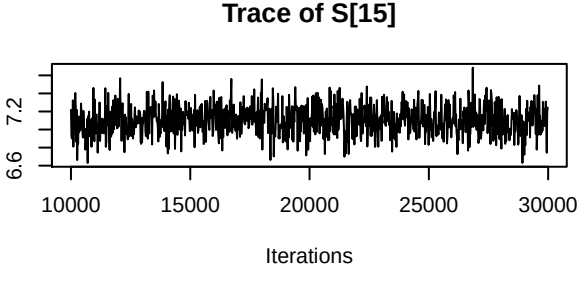

Density of S[12]
0.0
1.5
9.6
9.8
10.0
10.2
10.4
N = 1000 Bandwidth = 0.03633

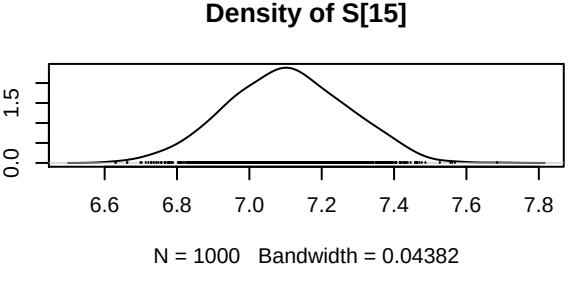

Trace of S[13]
7.2
7.8
10000
15000
20000
25000
30000
Iterations

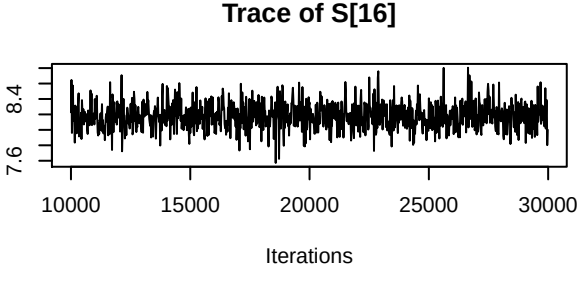

Density of S[13]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
8.2
8.4
N = 1000 Bandwidth = 0.04145

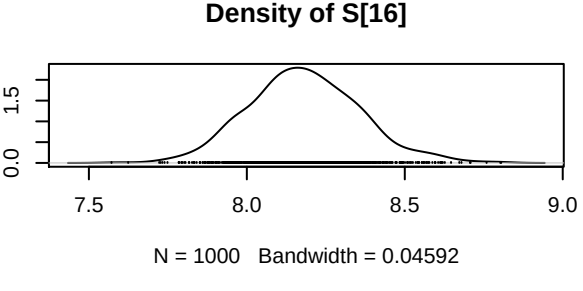

Trace of S[14]
6.2
6.8
10000
15000
20000
25000
30000
Iterations

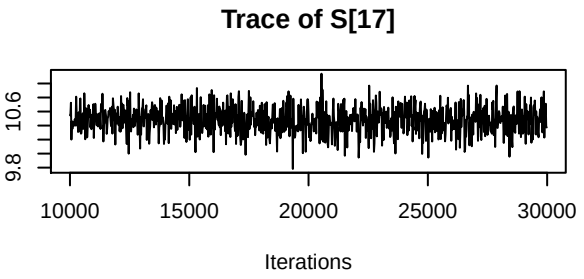

Density of S[14]
0.0
1.5
6.0
6.2
6.4
6.6
6.8
7.0
7.2
N = 1000 Bandwidth = 0.04293

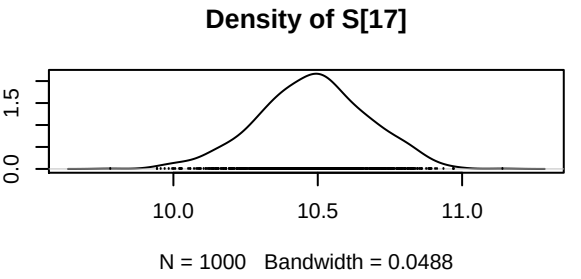

Trace of S[15]
6.6
7.2
10000
15000
20000
25000
30000
Iterations

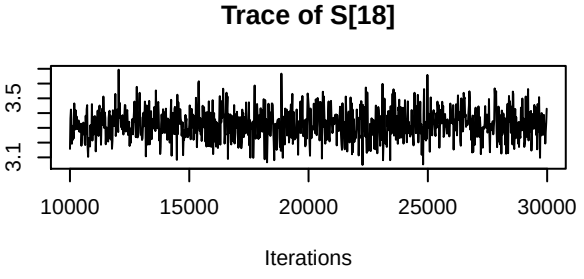

Density of S[15]
0.0
1.5
6.6
6.8
7.0
7.2
7.4
7.6
7.8
N = 1000 Bandwidth = 0.04382

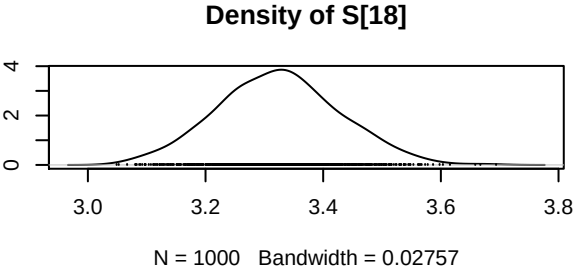

Trace of S[16]
7.6
8.4
10000
15000
20000
25000
30000
Iterations

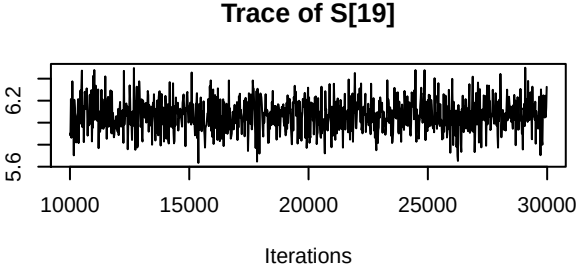

Density of S[16]
0.0
1.5
7.5
8.0
8.5
9.0
N = 1000 Bandwidth = 0.04592

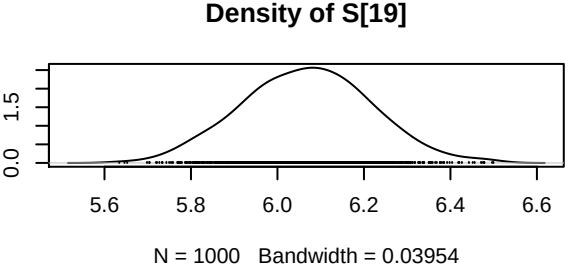

Trace of S[17]
9.8
10.6
10000
15000
20000
25000
30000
Iterations

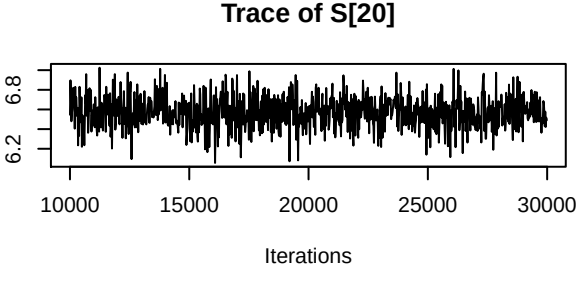

Density of S[17]
0.0
1.5
10.0
10.5
11.0
N = 1000 Bandwidth = 0.0488

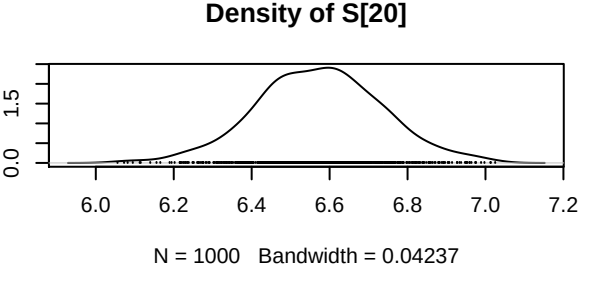

Trace of S[18]
3.1
3.5
10000
15000
20000
25000
30000
Iterations

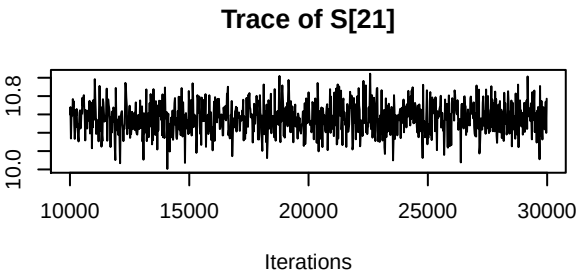

Density of S[18]
0
2
4
3.0
3.2
3.4
3.6
3.8
N = 1000 Bandwidth = 0.02757

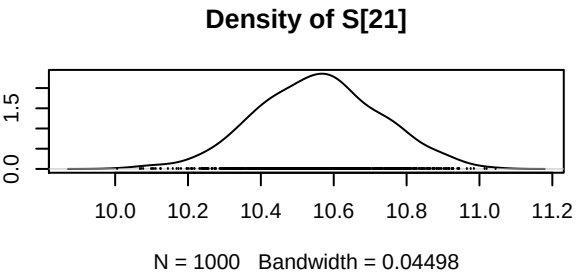

Trace of S[19]
5.6
6.2
10000
15000
20000
25000
30000
Iterations

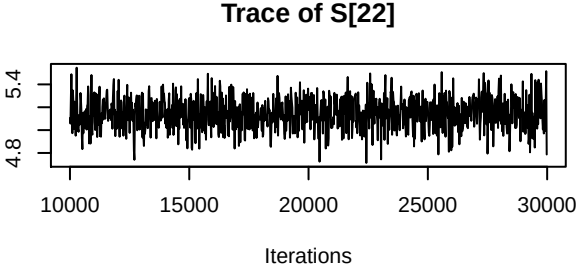

Density of S[19]
0.0
1.5
5.6
5.8
6.0
6.2
6.4
6.6
N = 1000 Bandwidth = 0.03954

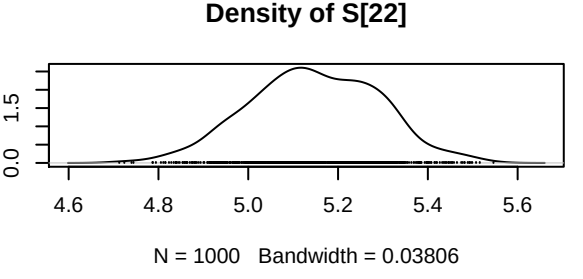

Trace of S[20]
6.2
6.8
10000
15000
20000
25000
30000
Iterations

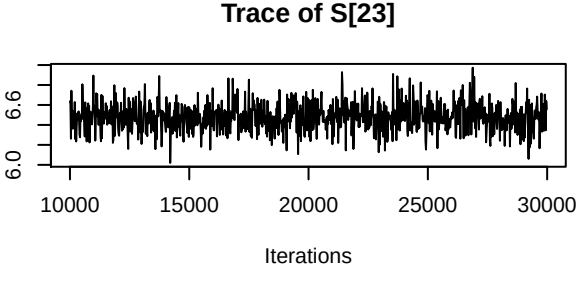

Density of S[20]
0.0
1.5
6.0
6.2
6.4
6.6
6.8
7.0
7.2
N = 1000 Bandwidth = 0.04237

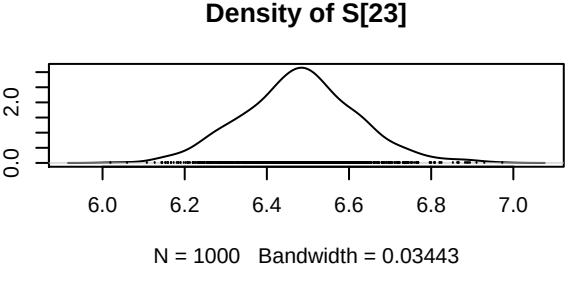

Trace of S[21]
10.0
10.8
10000
15000
20000
25000
30000
Iterations

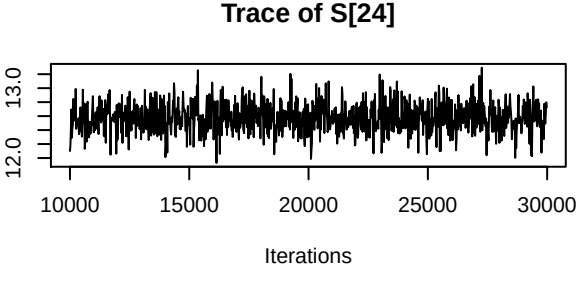

Density of S[21]
0.0
1.5
10.0
10.2
10.4
10.6
10.8
11.0
11.2
N = 1000 Bandwidth = 0.04498

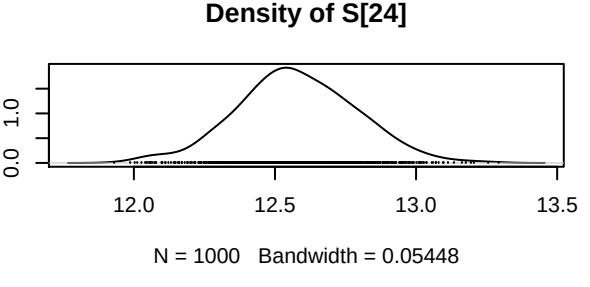

Trace of S[22]
4.8
5.4
10000
15000
20000
25000
30000
Iterations

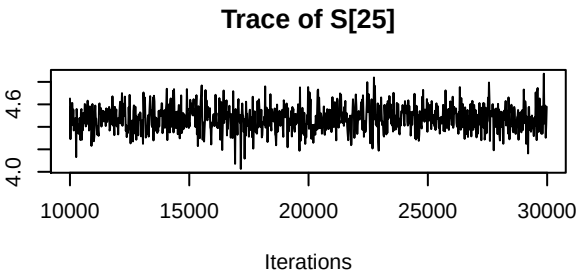

Density of S[22]
0.0
1.5
4.6
4.8
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.03806

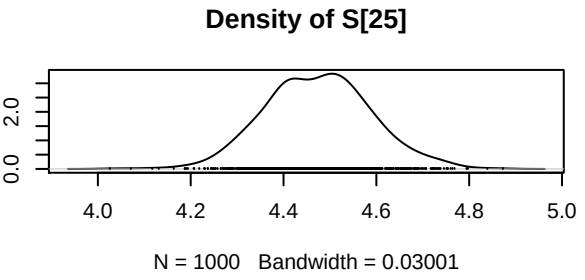

Trace of S[23]
6.0
6.6
10000
15000
20000
25000
30000
Iterations

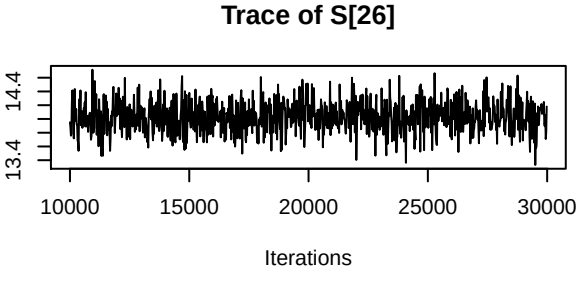

Density of S[23]
0.0
2.0
6.0
6.2
6.4
6.6
6.8
7.0
N = 1000 Bandwidth = 0.03443

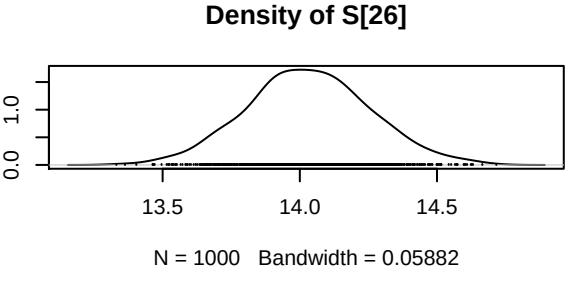

Trace of S[24]
12.0
13.0
10000
15000
20000
25000
30000
Iterations

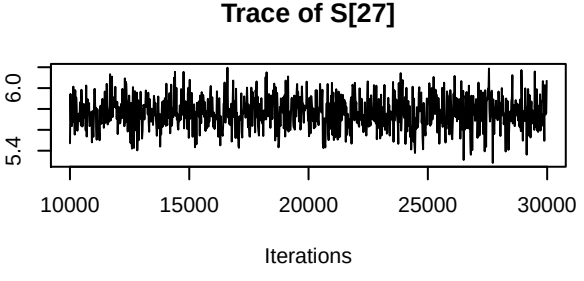

Density of S[24]
0.0
1.0
12.0
12.5
13.0
13.5
N = 1000 Bandwidth = 0.05448

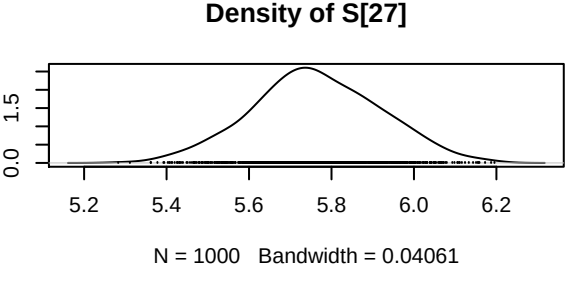

Trace of S[25]
4.0
4.6
10000
15000
20000
25000
30000
Iterations

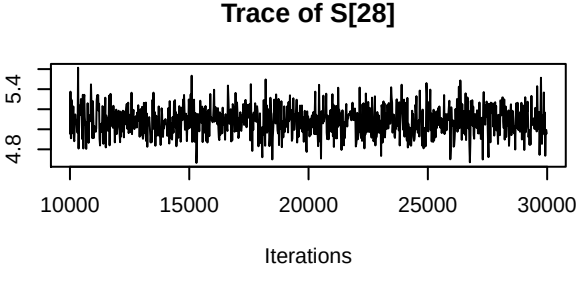

Density of S[25]
0.0
2.0
4.0
4.2
4.4
4.6
4.8
5.0
N = 1000 Bandwidth = 0.03001

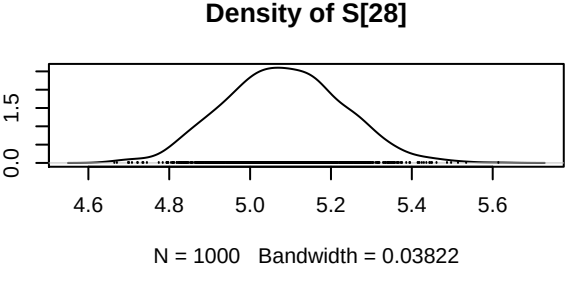

Trace of S[26]
13.4
14.4
10000
15000
20000
25000
30000
Iterations

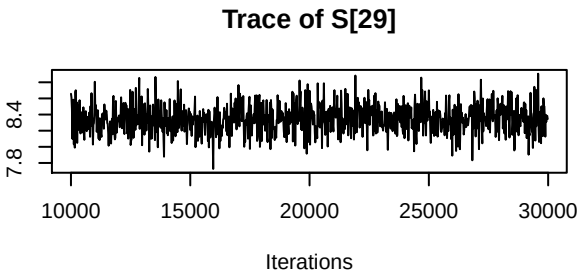

Density of S[26]
0.0
1.0
13.5
14.0
14.5
N = 1000 Bandwidth = 0.05882

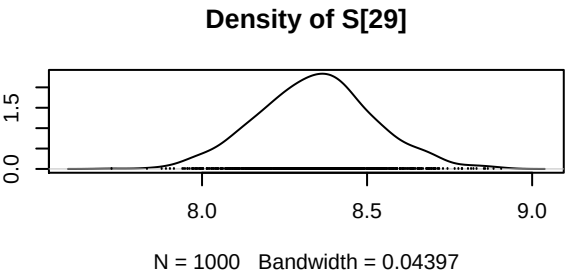

Trace of S[27]
5.4
6.0
10000
15000
20000
25000
30000
Iterations

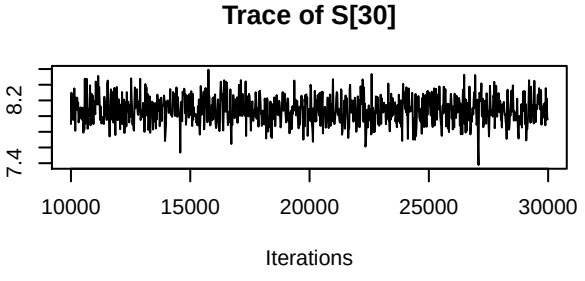

Density of S[27]
0.0
1.5
5.2
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.04061

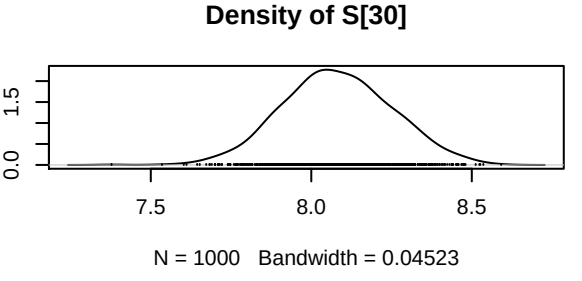

Trace of S[28]
4.8
5.4
10000
15000
20000
25000
30000
Iterations

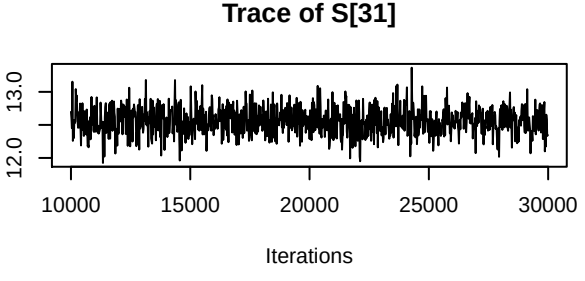

Density of S[28]
0.0
1.5
4.6
4.8
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.03822

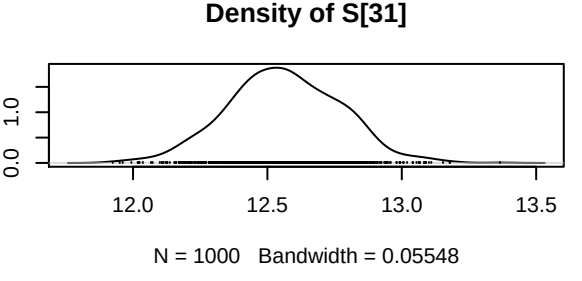

Trace of S[29]
7.8
8.4
10000
15000
20000
25000
30000
Iterations

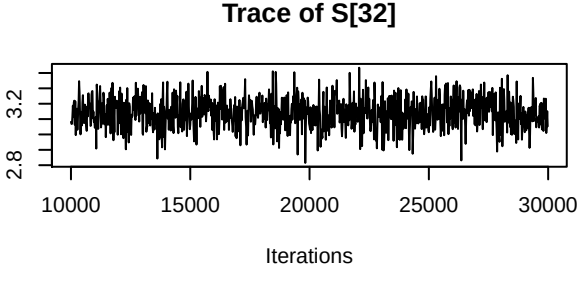

Density of S[29]
0.0
1.5
8.0
8.5
9.0
N = 1000 Bandwidth = 0.04397

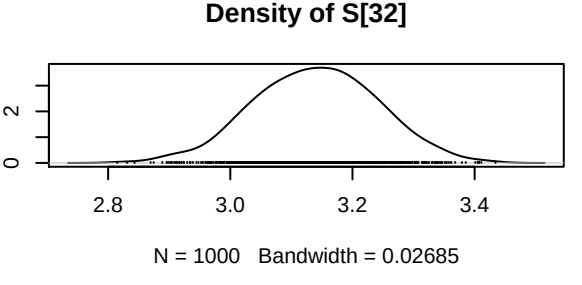

Trace of S[30]
7.4
8.2
10000
15000
20000
25000
30000
Iterations

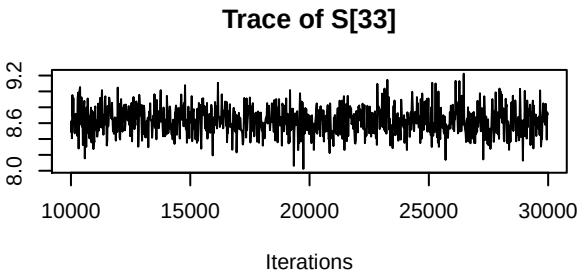

Density of S[30]
0.0
1.5
7.5
8.0
8.5
N = 1000 Bandwidth = 0.04523

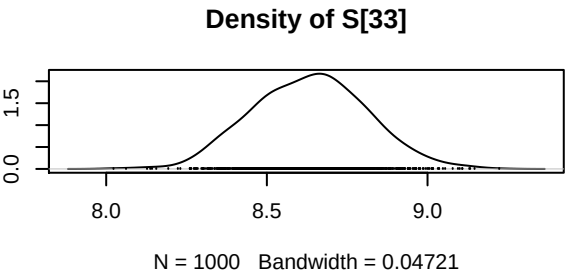

Trace of S[31]
12.0
13.0
10000
15000
20000
25000
30000
Iterations

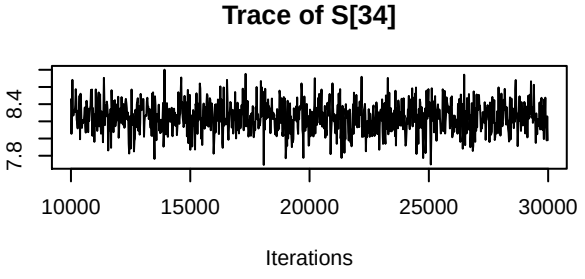

Density of S[31]
0.0
1.0
12.0
12.5
13.0
13.5
N = 1000 Bandwidth = 0.05548

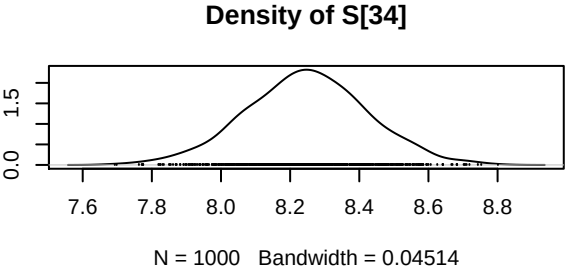

Trace of S[32]
2.8
3.2
10000
15000
20000
25000
30000
Iterations

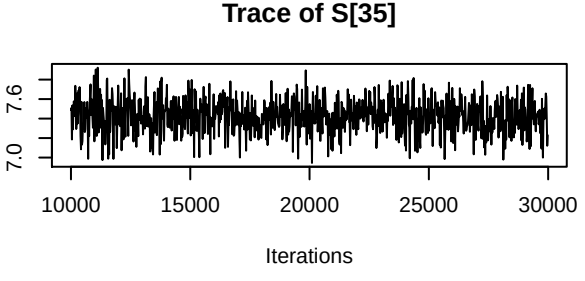

Density of S[32]
0
2
2.8
3.0
3.2
3.4
N = 1000 Bandwidth = 0.02685

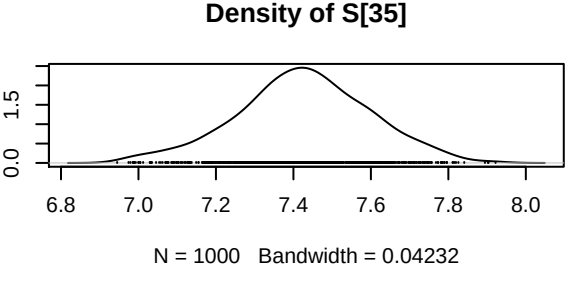

Trace of S[33]
8.0
8.6
9.2
10000
15000
20000
25000
30000
Iterations

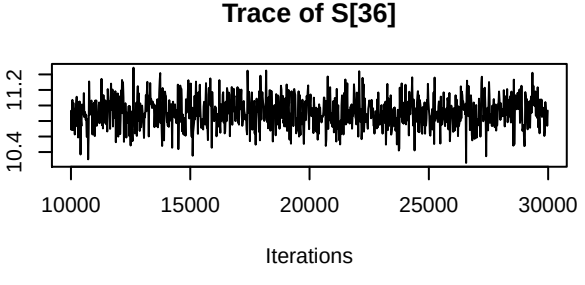

Density of S[33]
0.0
1.5
8.0
8.5
9.0
N = 1000 Bandwidth = 0.04721

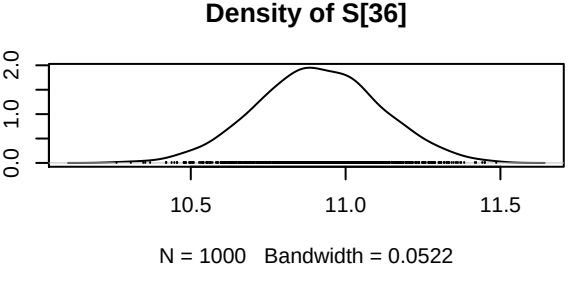

Trace of S[34]
7.8
8.4
10000
15000
20000
25000
30000
Iterations

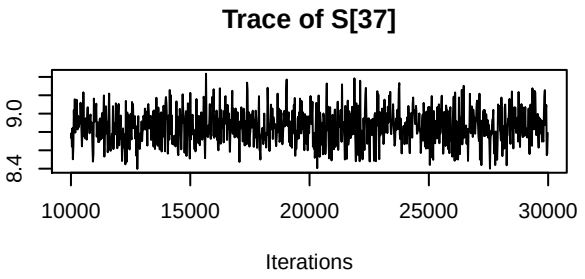

Density of S[34]
0.0
1.5
7.6
7.8
8.0
8.2
8.4
8.6
8.8
N = 1000 Bandwidth = 0.04514

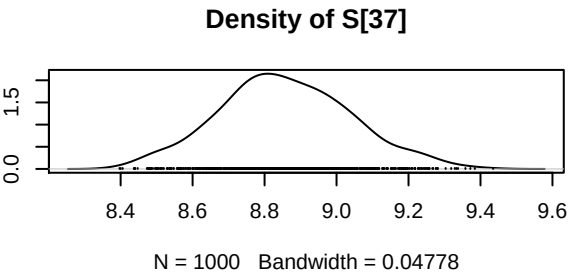

Trace of S[35]
7.0
7.6
10000
15000
20000
25000
30000
Iterations

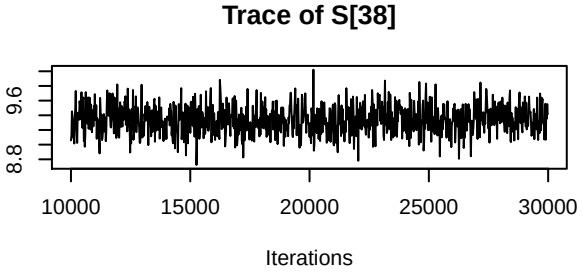

Density of S[35]
0.0
1.5
6.8
7.0
7.2
7.4
7.6
7.8
8.0
N = 1000 Bandwidth = 0.04232

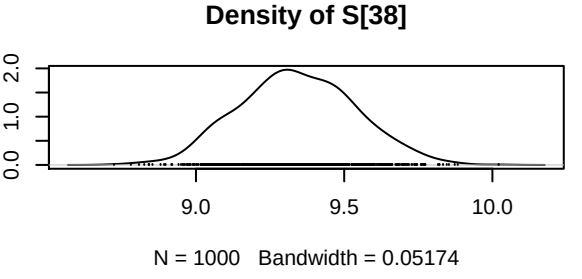

Trace of S[36]
10.4
11.2
10000
15000
20000
25000
30000
Iterations

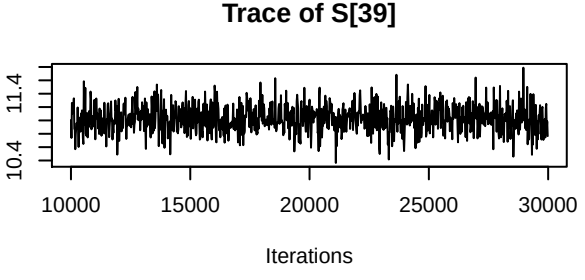

Density of S[36]
0.0
1.0
2.0
10.5
11.0
11.5
N = 1000 Bandwidth = 0.0522

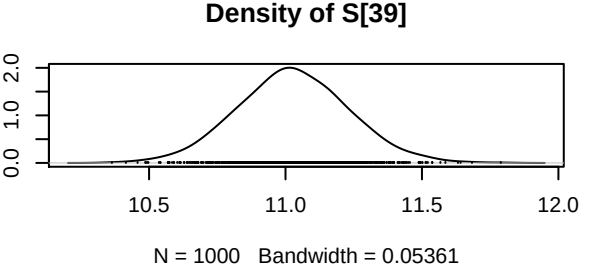

Trace of S[37]
8.4
9.0
10000
15000
20000
25000
30000
Iterations

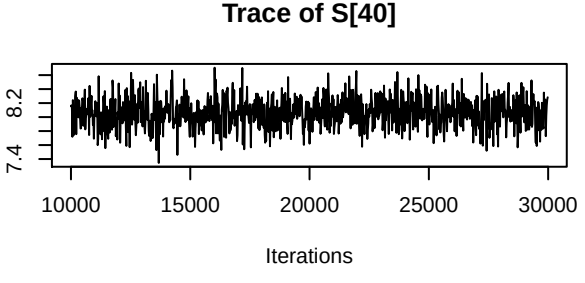

Density of S[37]
0.0
1.5
8.4
8.6
8.8
9.0
9.2
9.4
9.6
N = 1000 Bandwidth = 0.04778

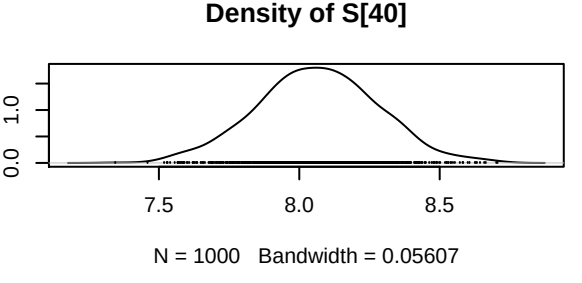

Trace of S[38]
8.8
9.6
10000
15000
20000
25000
30000
Iterations

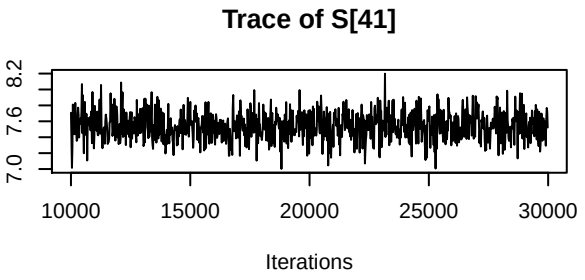

Density of S[38]
0.0
1.0
2.0
9.0
9.5
10.0
N = 1000 Bandwidth = 0.05174

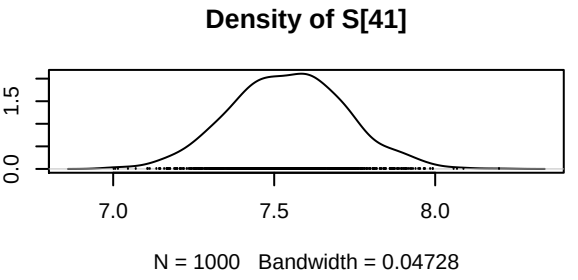

Trace of S[39]
10.4
11.4
10000
15000
20000
25000
30000
Iterations

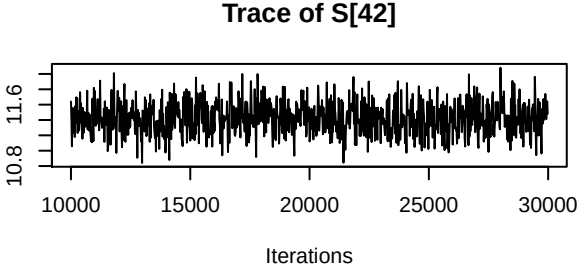

Density of S[39]
0.0
1.0
2.0
10.5
11.0
11.5
12.0
N = 1000 Bandwidth = 0.05361

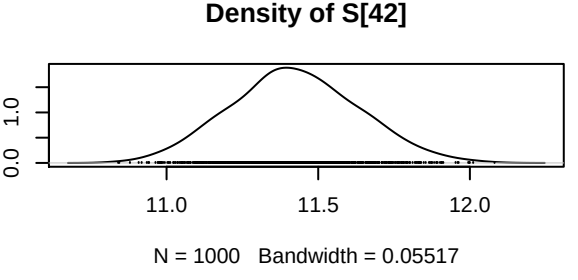

Trace of S[40]
7.4
8.2
10000
15000
20000
25000
30000
Iterations

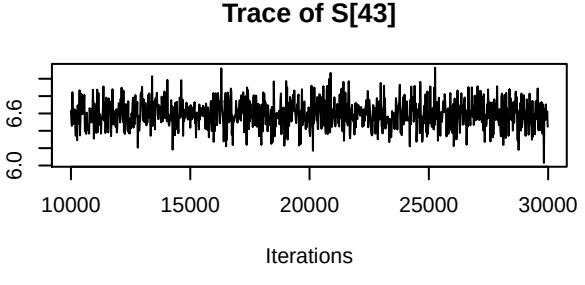

Density of S[40]
0.0
1.0
7.5
8.0
8.5
N = 1000 Bandwidth = 0.05607

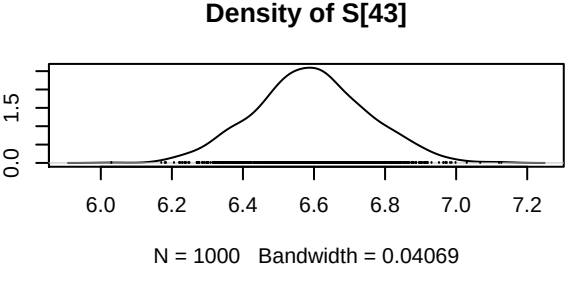

Trace of S[41]
7.0
7.6
8.2
10000
15000
20000
25000
30000
Iterations

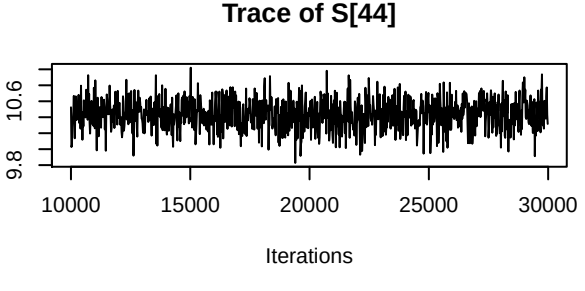

Density of S[41]
0.0
1.5
7.0
7.5
8.0
N = 1000 Bandwidth = 0.04728

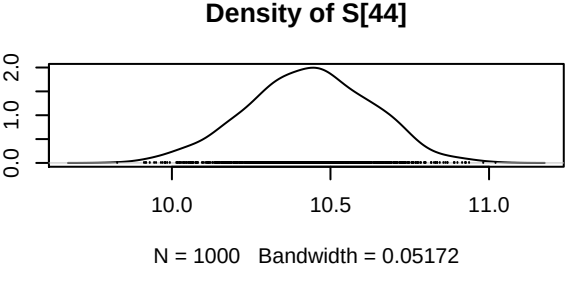

Trace of S[42]
10.8
11.6
10000
15000
20000
25000
30000
Iterations

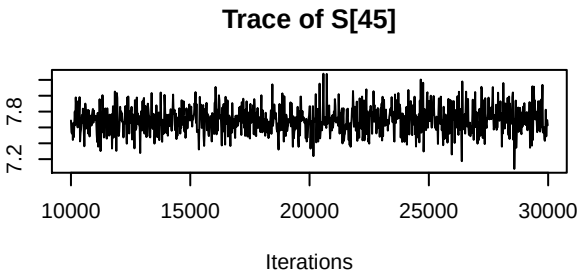

Density of S[42]
0.0
1.0
11.0
11.5
12.0
N = 1000 Bandwidth = 0.05517

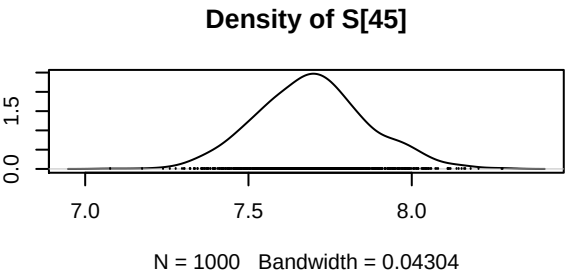

Trace of S[43]
6.0
6.6
10000
15000
20000
25000
30000
Iterations

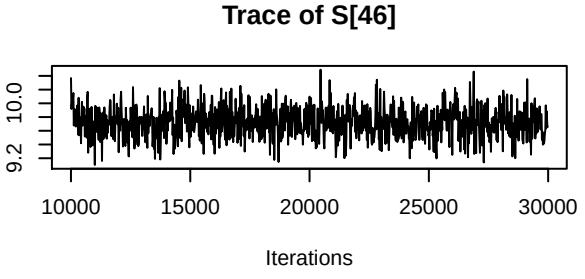

Density of S[43]
0.0
1.5
6.0
6.2
6.4
6.6
6.8
7.0
7.2
N = 1000 Bandwidth = 0.04069

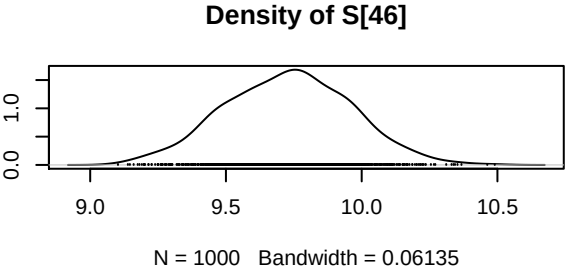

Trace of S[44]
9.8
10.6
10000
15000
20000
25000
30000
Iterations

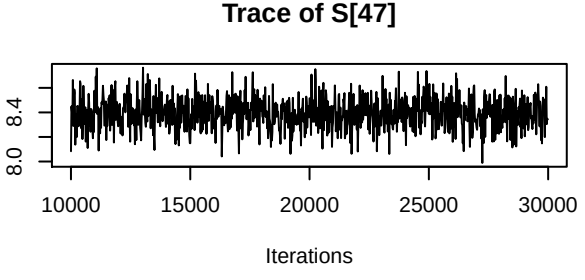

Density of S[44]
0.0
1.0
2.0
10.0
10.5
11.0
N = 1000 Bandwidth = 0.05172

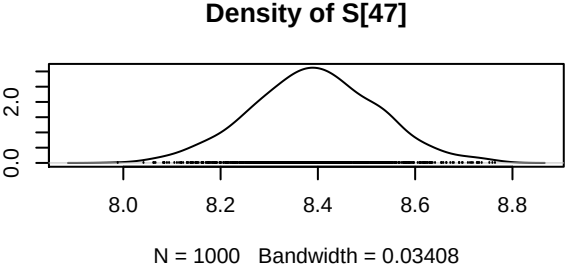

Trace of S[45]
7.2
7.8
10000
15000
20000
25000
30000
Iterations

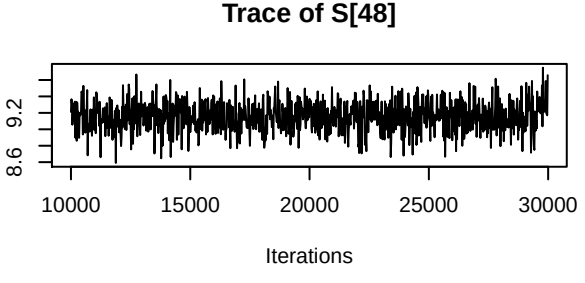

Density of S[45]
0.0
1.5
7.0
7.5
8.0
N = 1000 Bandwidth = 0.04304

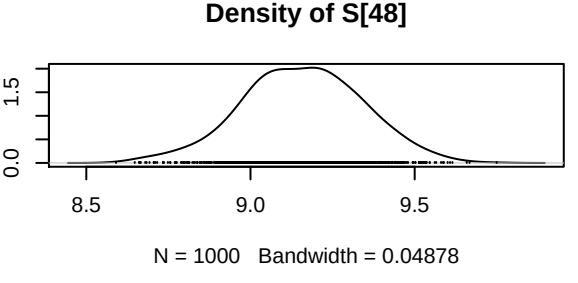

Trace of S[46]
9.2
10.0
10000
15000
20000
25000
30000
Iterations

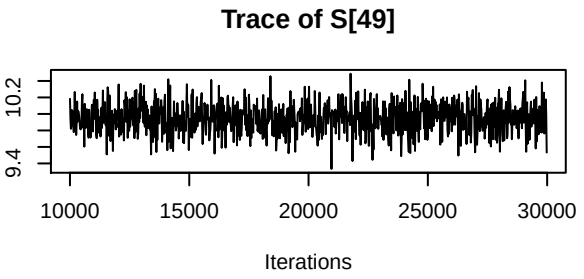

Density of S[46]
0.0
1.0
9.0
9.5
10.0
10.5
N = 1000 Bandwidth = 0.06135

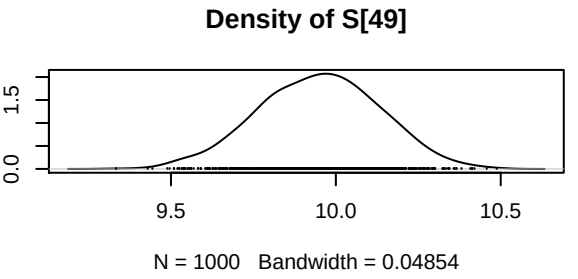

Trace of S[47]
8.0
8.4
10000
15000
20000
25000
30000
Iterations

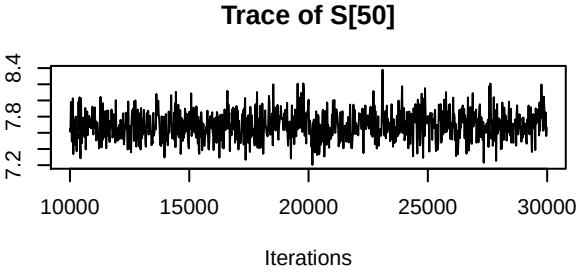

Density of S[47]
0.0
2.0
8.0
8.2
8.4
8.6
8.8
N = 1000 Bandwidth = 0.03408

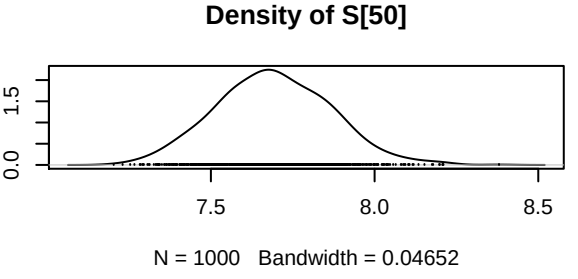

Trace of S[48]
8.6
9.2
10000
15000
20000
25000
30000
Iterations

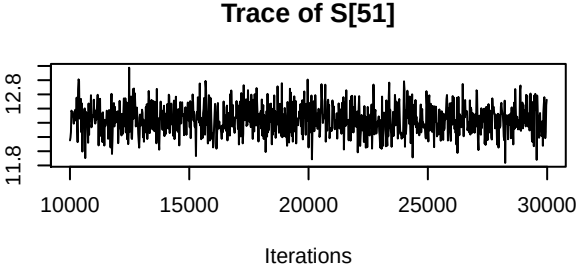

Density of S[48]
0.0
1.5
8.5
9.0
9.5
N = 1000 Bandwidth = 0.04878

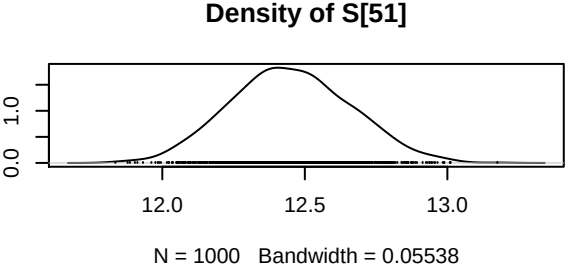

Trace of S[49]
9.4
10.2
10000
15000
20000
25000
30000
Iterations

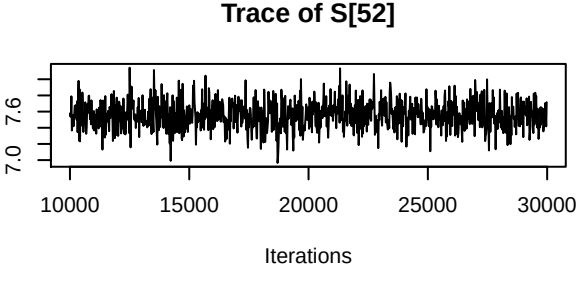

Density of S[49]
0.0
1.5
9.5
10.0
10.5
N = 1000 Bandwidth = 0.04854

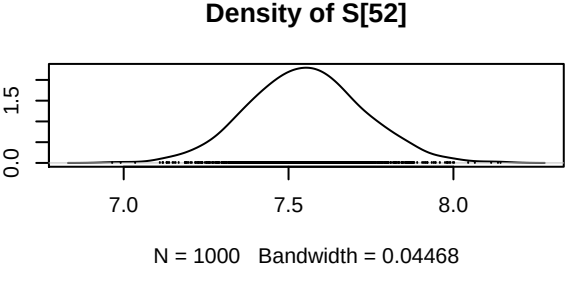

Trace of S[50]
7.2
7.8
8.4
10000
15000
20000
25000
30000
Iterations

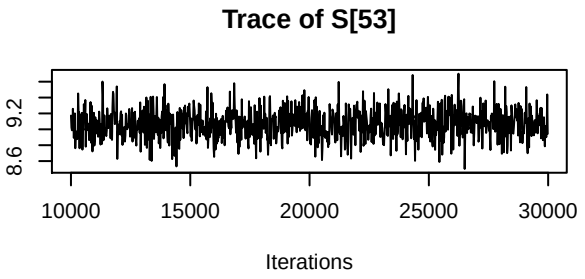

Density of S[50]
0.0
1.5
7.5
8.0
8.5
N = 1000 Bandwidth = 0.04652

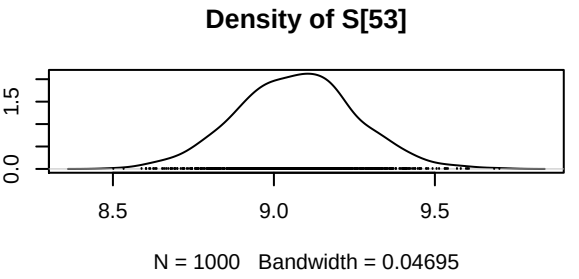

Trace of S[51]
11.8
12.8
10000
15000
20000
25000
30000
Iterations

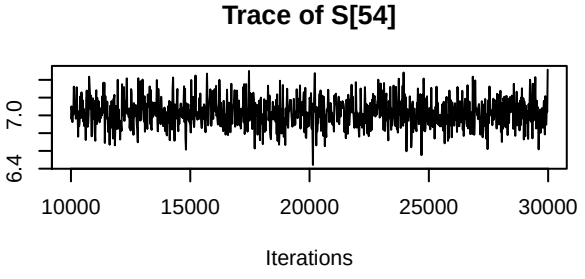

Density of S[51]
0.0
1.0
12.0
12.5
13.0
N = 1000 Bandwidth = 0.05538

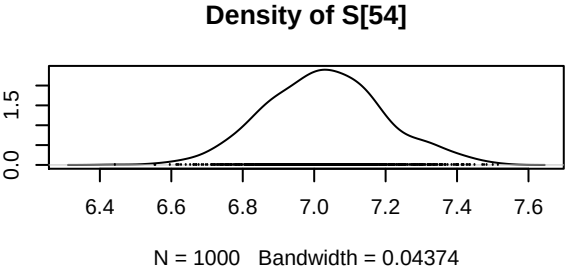

Trace of S[52]
7.0
7.6
10000
15000
20000
25000
30000
Iterations

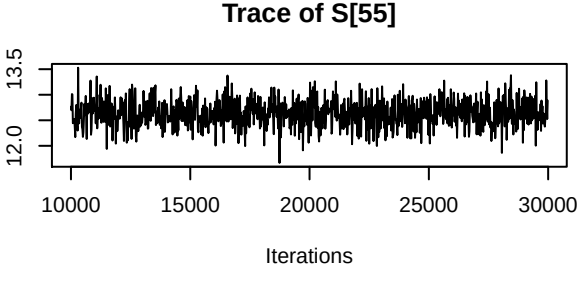

Density of S[52]
0.0
1.5
7.0
7.5
8.0
N = 1000 Bandwidth = 0.04468

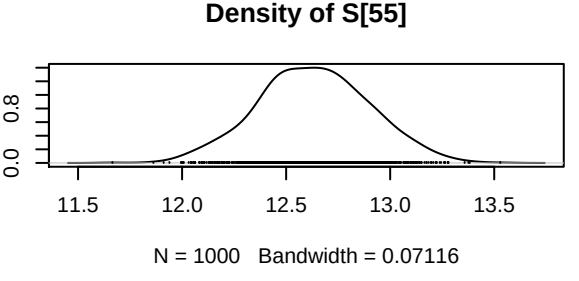

Trace of S[53]
8.6
9.2
10000
15000
20000
25000
30000
Iterations

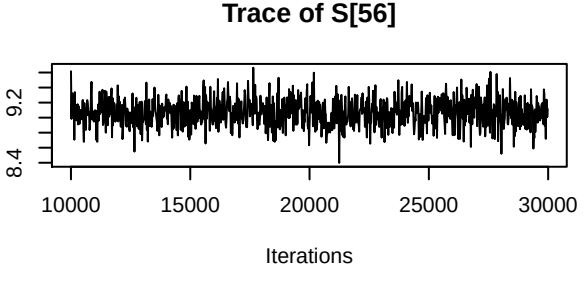

Density of S[53]
0.0
1.5
8.5
9.0
9.5
N = 1000 Bandwidth = 0.04695

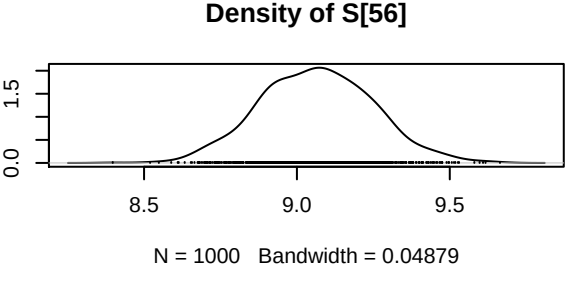

Trace of S[54]
6.4
7.0
10000
15000
20000
25000
30000
Iterations

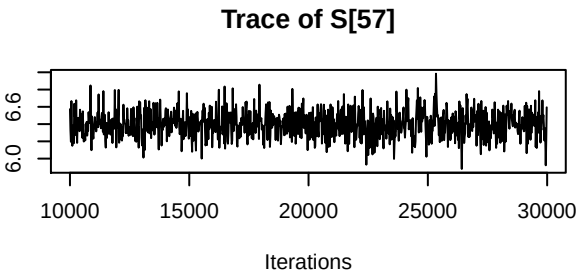

Density of S[54]
0.0
1.5
6.4
6.6
6.8
7.0
7.2
7.4
7.6
N = 1000 Bandwidth = 0.04374

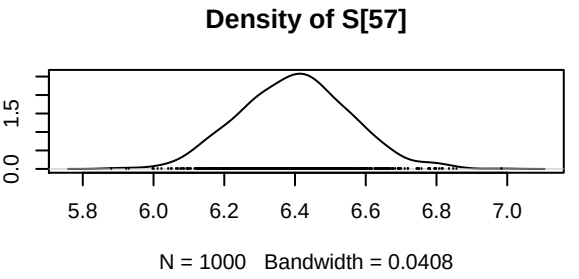

Trace of S[55]
12.0
13.5
10000
15000
20000
25000
30000
Iterations

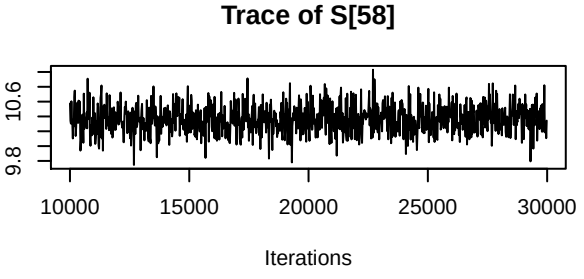

Density of S[55]
0.0
0.8
11.5
12.0
12.5
13.0
13.5
N = 1000 Bandwidth = 0.07116

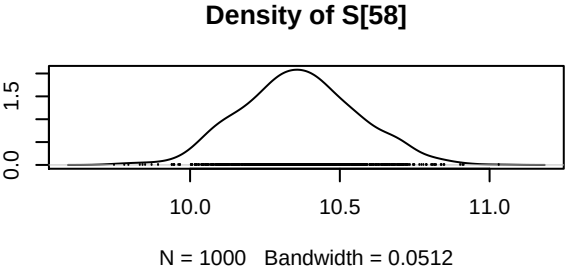

Trace of S[56]
8.4
9.2
10000
15000
20000
25000
30000
Iterations

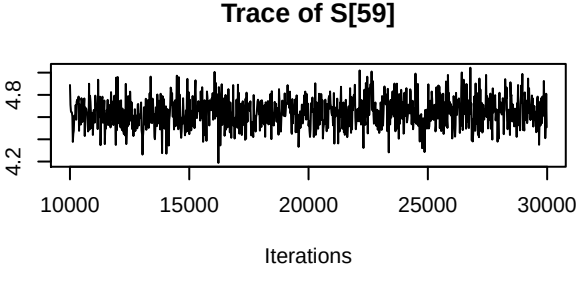

Density of S[56]
0.0
1.5
8.5
9.0
9.5
N = 1000 Bandwidth = 0.04879

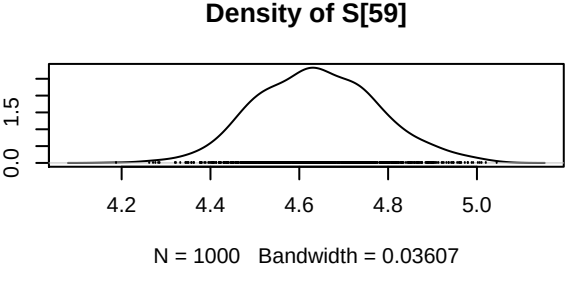

Trace of S[57]
6.0
6.6
10000
15000
20000
25000
30000
Iterations

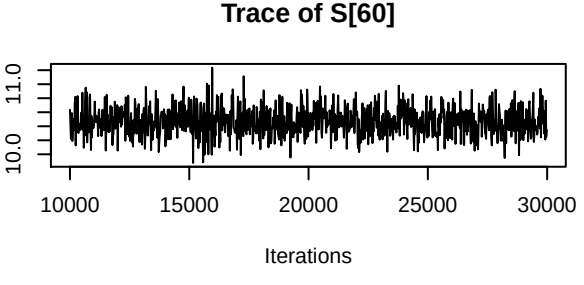

Density of S[57]
0.0
1.5
5.8
6.0
6.2
6.4
6.6
6.8
7.0
N = 1000 Bandwidth = 0.0408

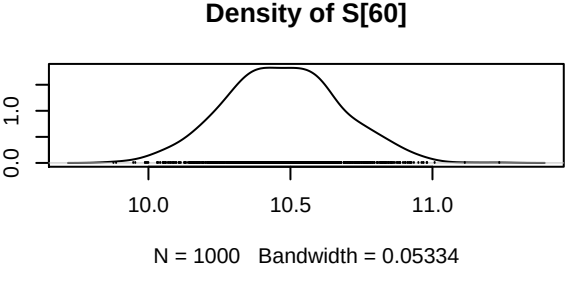

Trace of S[58]
9.8
10.6
10000
15000
20000
25000
30000
Iterations

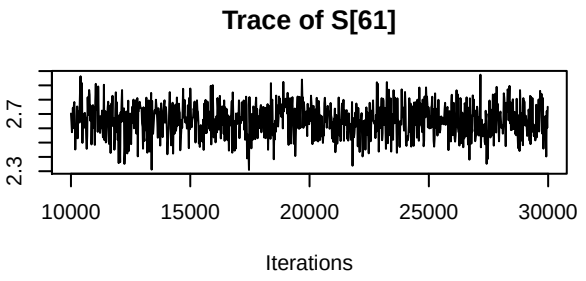

Density of S[58]
0.0
1.5
10.0
10.5
11.0
N = 1000 Bandwidth = 0.0512

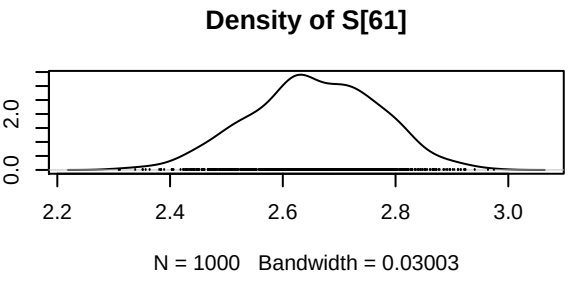

Trace of S[59]
4.2
4.8
10000
15000
20000
25000
30000
Iterations

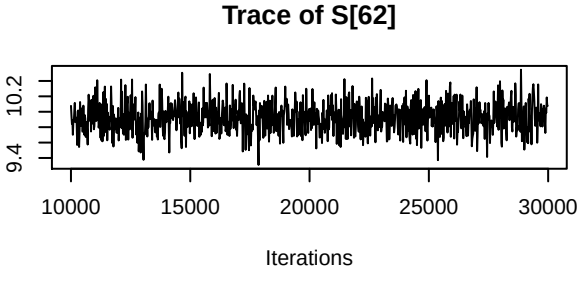

Density of S[59]
0.0
1.5
4.2
4.4
4.6
4.8
5.0
N = 1000 Bandwidth = 0.03607

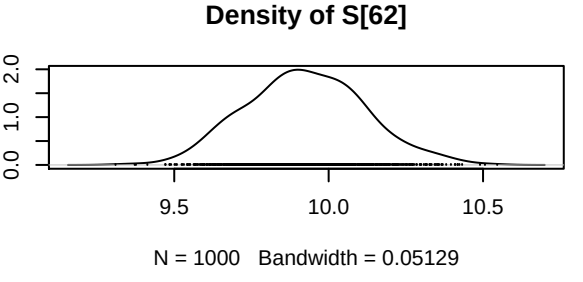

Trace of S[60]
10.0
11.0
10000
15000
20000
25000
30000
Iterations

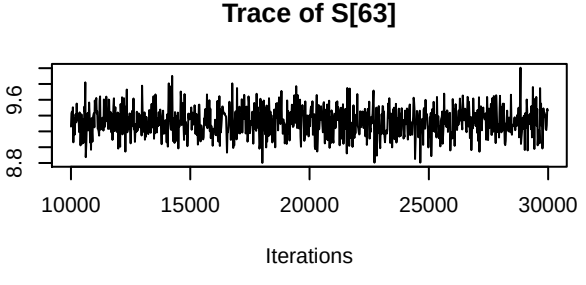

Density of S[60]
0.0
1.0
10.0
10.5
11.0
N = 1000 Bandwidth = 0.05334

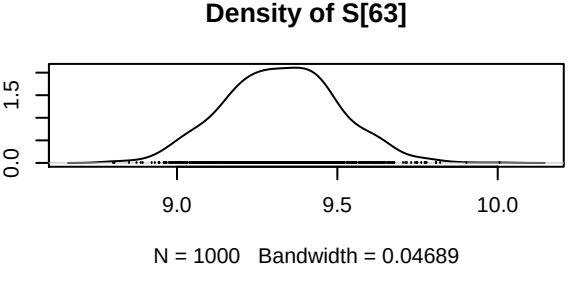

Trace of S[61]
2.3
2.7
10000
15000
20000
25000
30000
Iterations

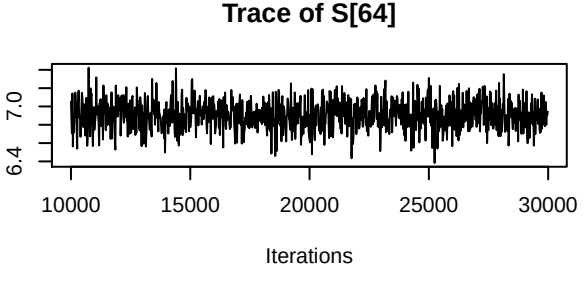

Density of S[61]
0.0
2.0
2.2
2.4
2.6
2.8
3.0
N = 1000 Bandwidth = 0.03003

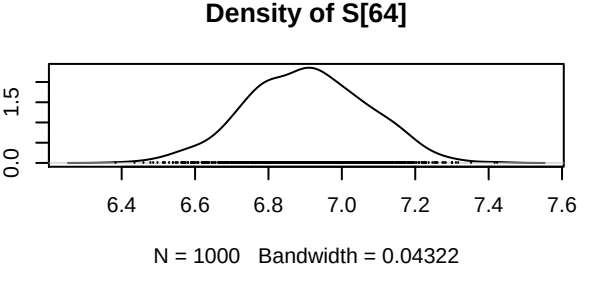

Trace of S[62]
9.4
10.2
10000
15000
20000
25000
30000
Iterations

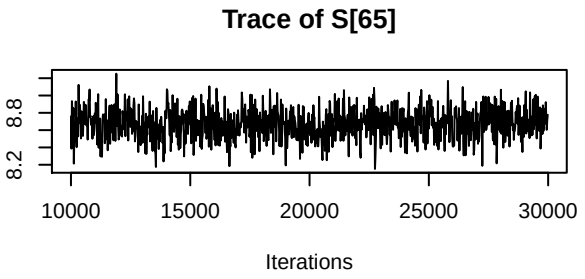

Density of S[62]
0.0
1.0
2.0
9.5
10.0
10.5
N = 1000 Bandwidth = 0.05129

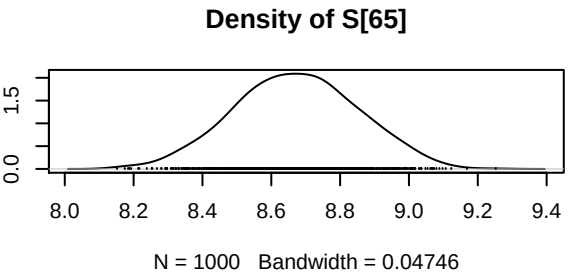

Trace of S[63]
8.8
9.6
10000
15000
20000
25000
30000
Iterations

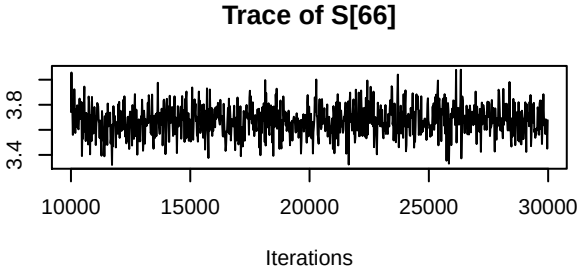

Density of S[63]
0.0
1.5
9.0
9.5
10.0
N = 1000 Bandwidth = 0.04689

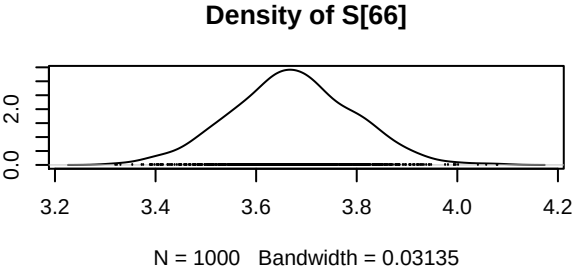

Trace of S[64]
6.4
7.0
10000
15000
20000
25000
30000
Iterations

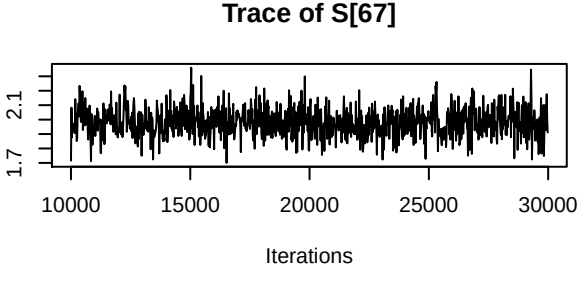

Density of S[64]
0.0
1.5
6.4
6.6
6.8
7.0
7.2
7.4
7.6
N = 1000 Bandwidth = 0.04322

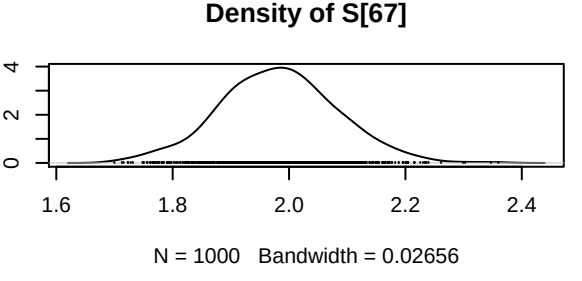

Trace of S[65]
8.2
8.8
10000
15000
20000
25000
30000
Iterations

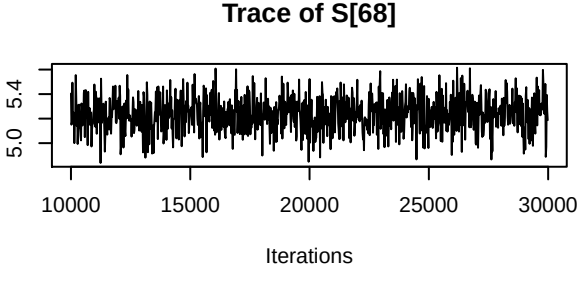

Density of S[65]
0.0
1.5
8.0
8.2
8.4
8.6
8.8
9.0
9.2
9.4
N = 1000 Bandwidth = 0.04746

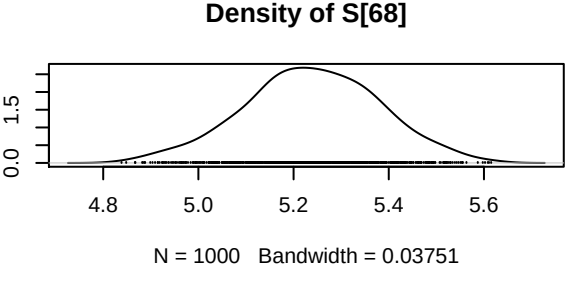

Trace of S[66]
3.4
3.8
10000
15000
20000
25000
30000
Iterations

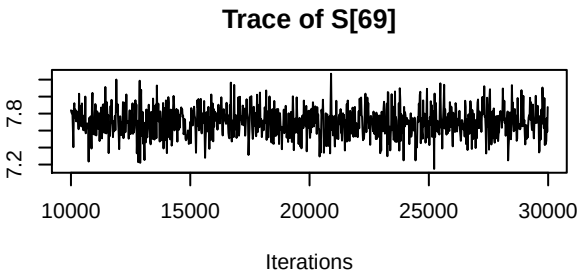

Density of S[66]
0.0
2.0
3.2
3.4
3.6
3.8
4.0
4.2
N = 1000 Bandwidth = 0.03135

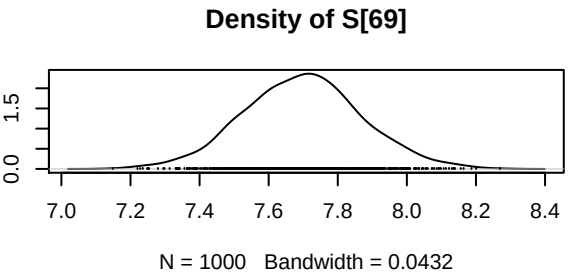

Trace of S[67]
1.7
2.1
10000
15000
20000
25000
30000
Iterations

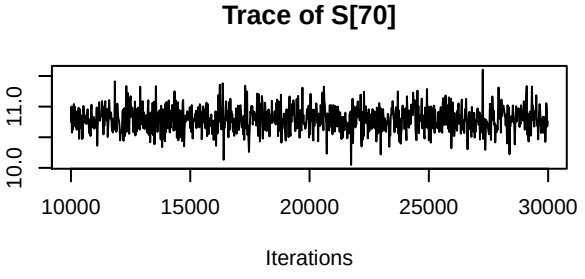

Density of S[67]
0
2
4
1.6
1.8
2.0
2.2
2.4
N = 1000 Bandwidth = 0.02656

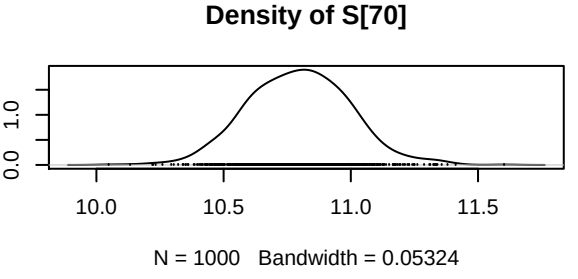

Trace of S[68]
5.0
5.4
10000
15000
20000
25000
30000
Iterations

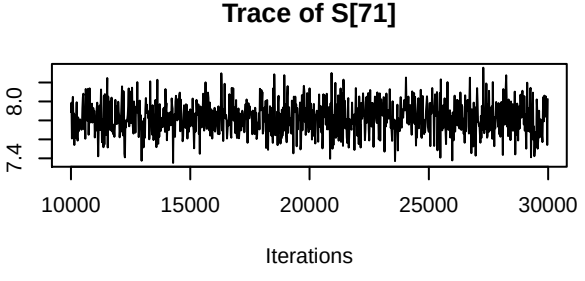

Density of S[68]
0.0
1.5
4.8
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.03751

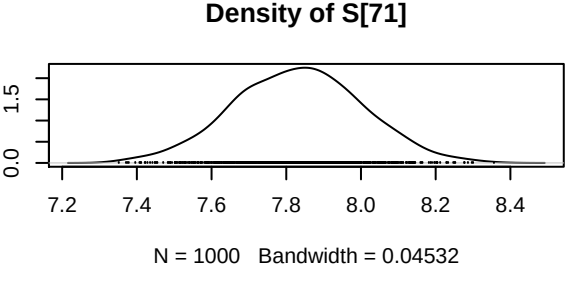

Trace of S[69]
7.2
7.8
10000
15000
20000
25000
30000
Iterations


Density of S[69]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
8.2
8.4
N = 1000 Bandwidth = 0.0432

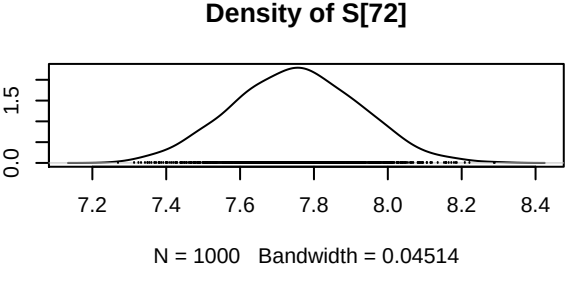

Trace of S[70]
10.0
11.0
10000
15000
20000
25000
30000
Iterations

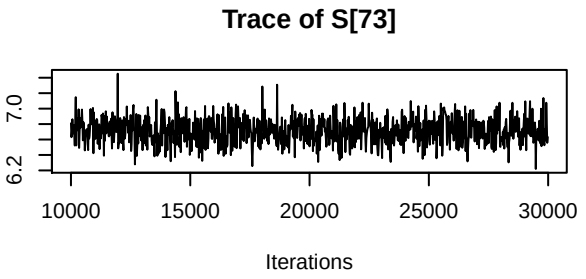

Density of S[70]
0.0
1.0
10.0
10.5
11.0
11.5
N = 1000 Bandwidth = 0.05324

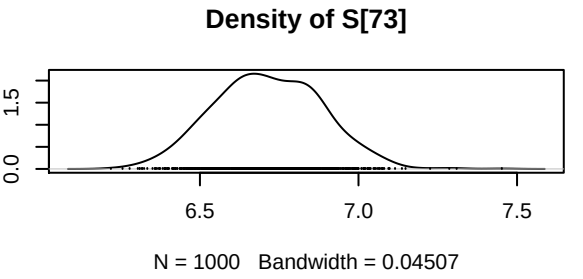

Trace of S[71]
7.4
8.0
10000
15000
20000
25000
30000
Iterations

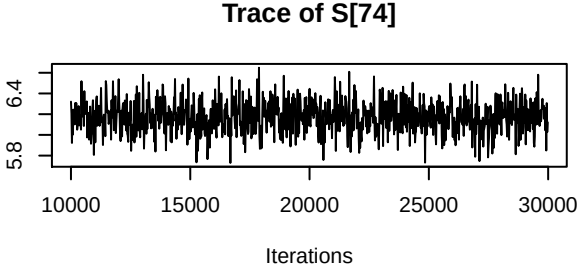

Density of S[71]
0.0
1.5
7.2
7.4
7.6
7.8
8.0
8.2
8.4
N = 1000 Bandwidth = 0.04532

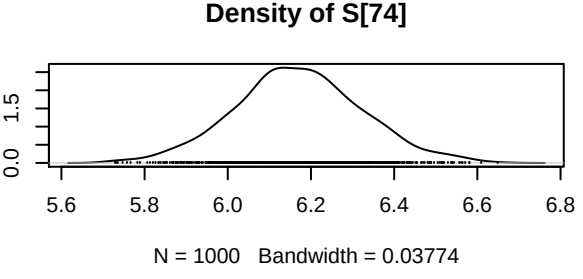
Trace of S[72]
7.4
8.0
10000
15000
20000
25000
30000
Iterations

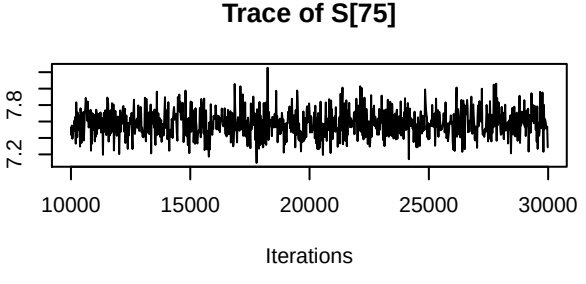

Density of S[72]
0.0
1.5
7.2
7.4
7.6
7.8
8.0
8.2
8.4
N = 1000 Bandwidth = 0.04514

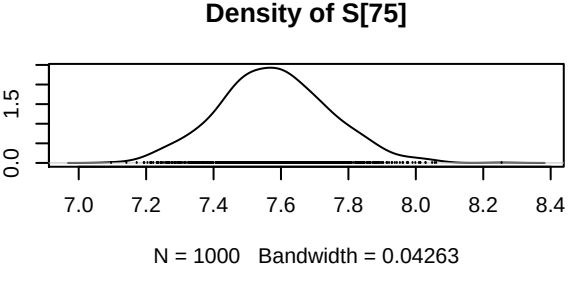

Trace of S[73]
6.2
7.0
10000
15000
20000
25000
30000
Iterations

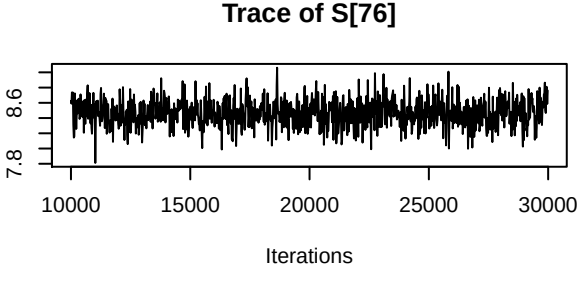

Density of S[73]
0.0
1.5
6.5
7.0
7.5
N = 1000 Bandwidth = 0.04507

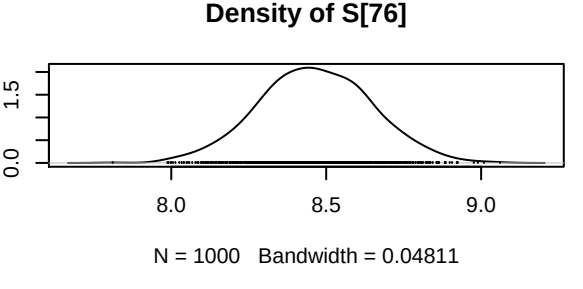

Trace of S[74]
5.8
6.4
10000
15000
20000
25000
30000
Iterations

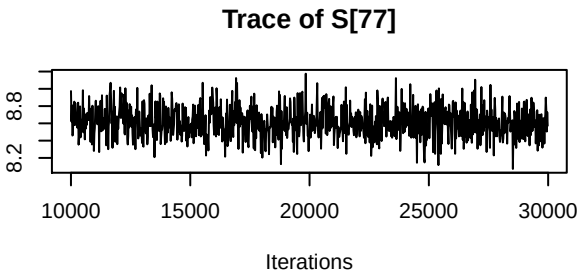

Density of S[74]
0.0
1.5
5.6
5.8
6.0
6.2
6.4
6.6
6.8
N = 1000 Bandwidth = 0.03774

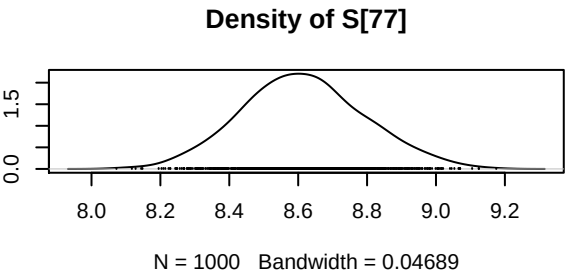

Trace of S[75]
7.2
7.8
10000
15000
20000
25000
30000
Iterations

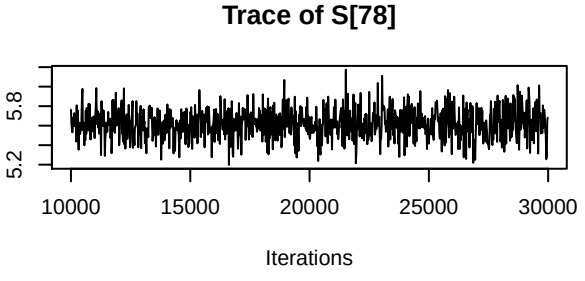

Density of S[75]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
8.2
8.4
N = 1000 Bandwidth = 0.04263

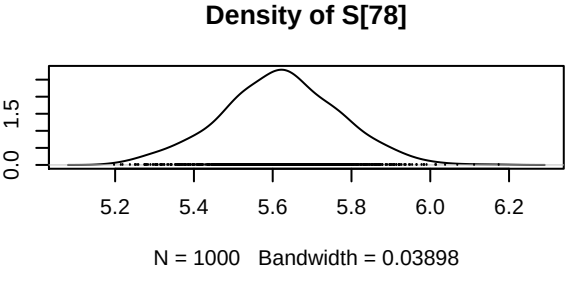

Trace of S[76]
7.8
8.6
10000
15000
20000
25000
30000
Iterations

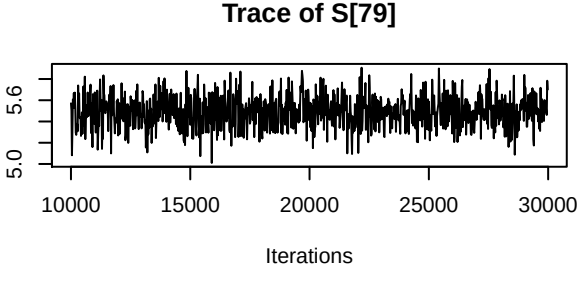

Density of S[76]
0.0
1.5
8.0
8.5
9.0
N = 1000 Bandwidth = 0.04811

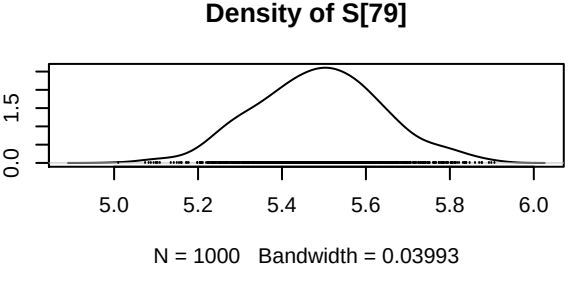

Trace of S[77]
8.2
8.8
10000
15000
20000
25000
30000
Iterations

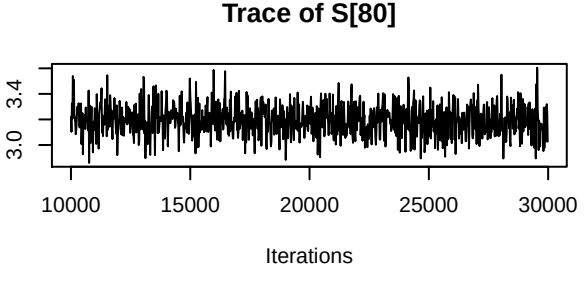

Density of S[77]
0.0
1.5
8.0
8.2
8.4
8.6
8.8
9.0
9.2
N = 1000 Bandwidth = 0.04689

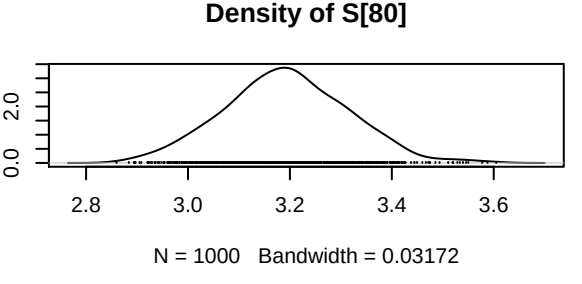

Trace of S[78]
5.2
5.8
10000
15000
20000
25000
30000
Iterations

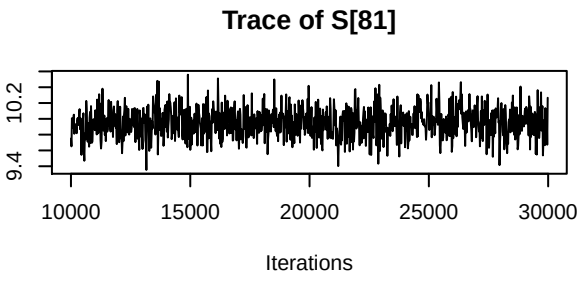

Density of S[78]
0.0
1.5
5.2
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.03898

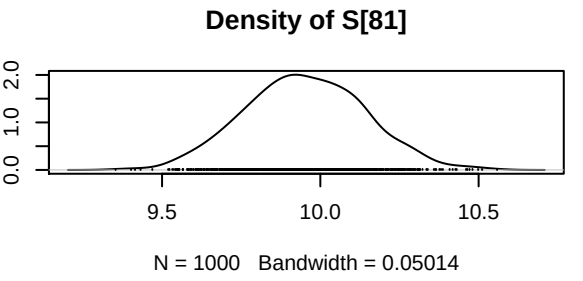

Trace of S[79]
5.0
5.6
10000
15000
20000
25000
30000
Iterations

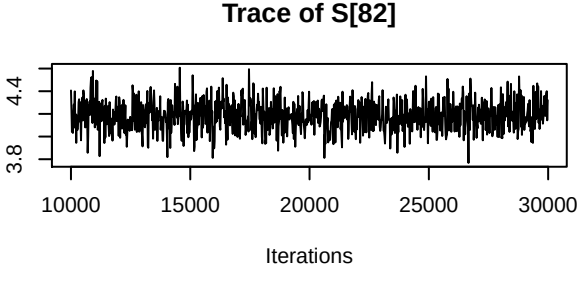

Density of S[79]
0.0
1.5
5.0
5.2
5.4
5.6
5.8
6.0
N = 1000 Bandwidth = 0.03993

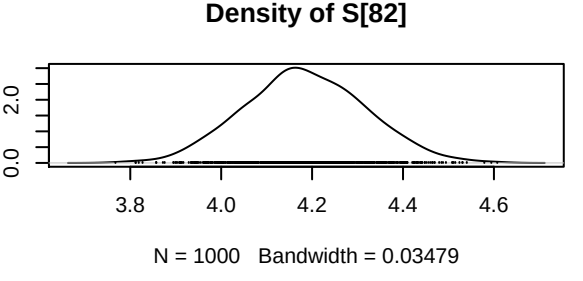

Trace of S[80]
3.0
3.4
10000
15000
20000
25000
30000
Iterations

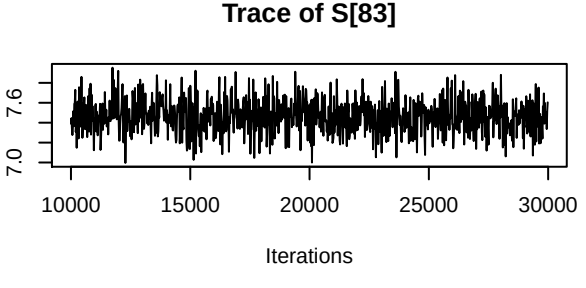

Density of S[80]
0.0
2.0
2.8
3.0
3.2
3.4
3.6
N = 1000 Bandwidth = 0.03172

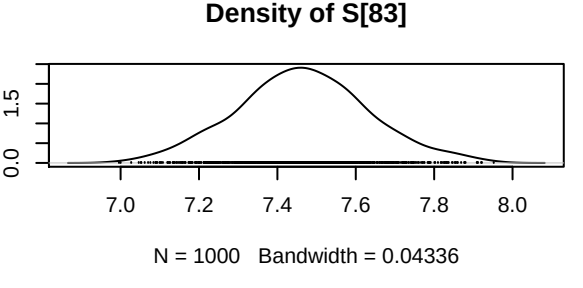

Trace of S[81]
9.4
10.2
10000
15000
20000
25000
30000
Iterations

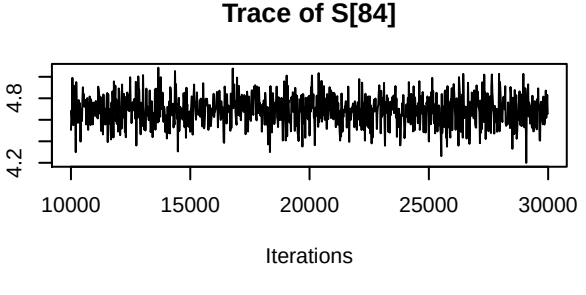

Density of S[81]
0.0
1.0
2.0
9.5
10.0
10.5
N = 1000 Bandwidth = 0.05014

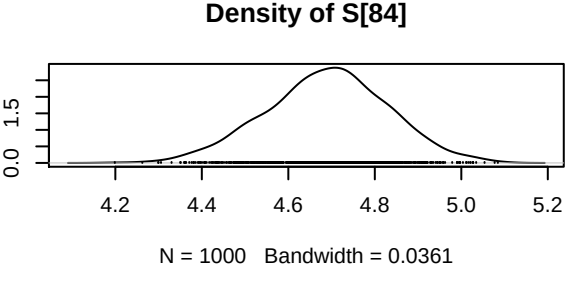

Trace of S[82]
3.8
4.4
10000
15000
20000
25000
30000
Iterations

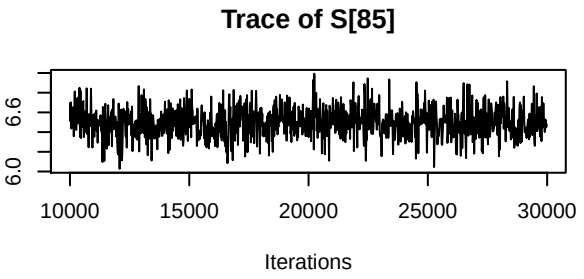

Density of S[82]
0.0
2.0
3.8
4.0
4.2
4.4
4.6
N = 1000 Bandwidth = 0.03479

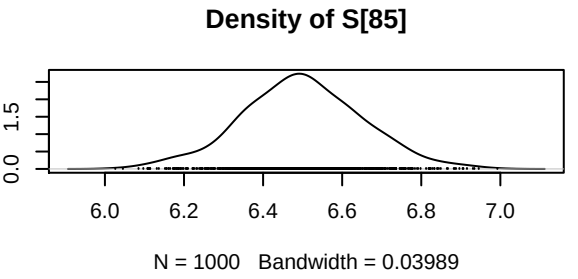

Trace of S[83]
7.0
7.6
10000
15000
20000
25000
30000
Iterations

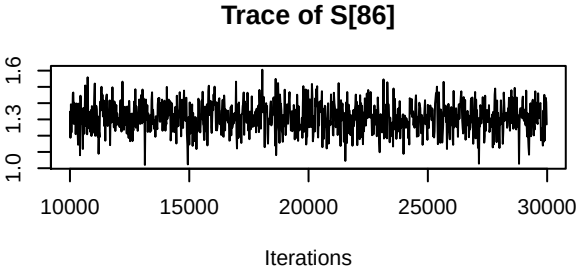

Density of S[83]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
N = 1000 Bandwidth = 0.04336

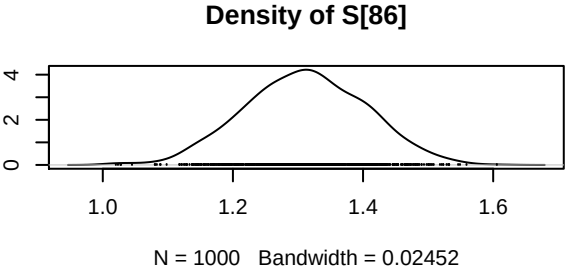

Trace of S[84]
4.2
4.8
10000
15000
20000
25000
30000
Iterations

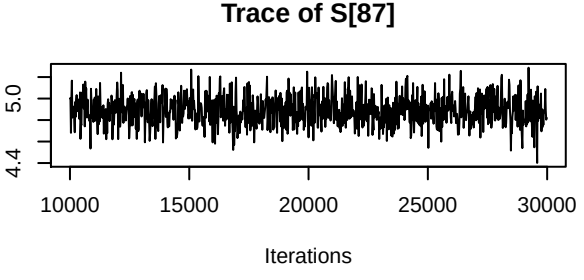

Density of S[84]
0.0
1.5
4.2
4.4
4.6
4.8
5.0
5.2
N = 1000 Bandwidth = 0.0361

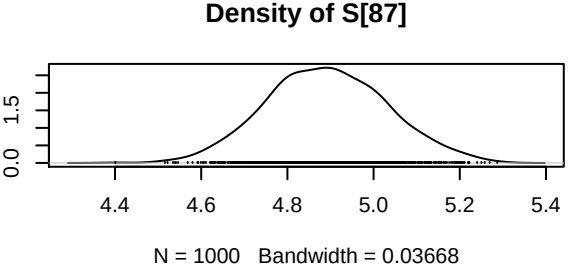

Trace of S[85]
6.0
6.6
10000
15000
20000
25000
30000
Iterations

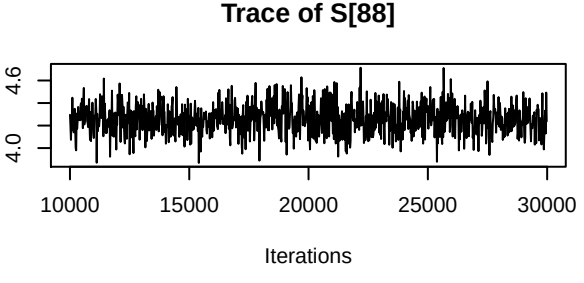

Density of S[85]
0.0
1.5
6.0
6.2
6.4
6.6
6.8
7.0
N = 1000 Bandwidth = 0.03989

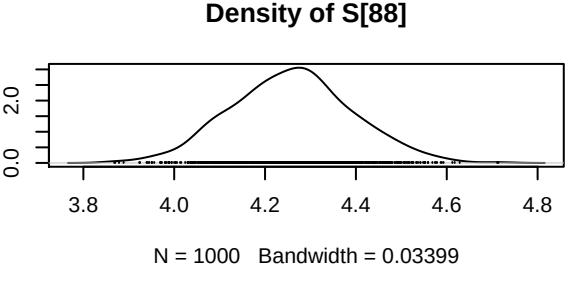

Trace of S[86]
1.0
1.3
1.6
10000
15000
20000
25000
30000
Iterations

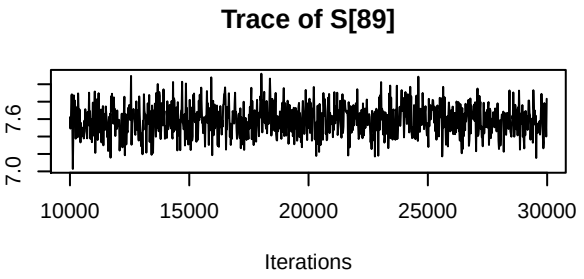

Density of S[86]
0
2
4
1.0
1.2
1.4
1.6
N = 1000 Bandwidth = 0.02452

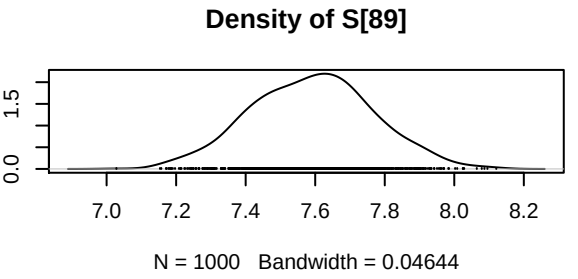

Trace of S[87]
4.4
5.0
10000
15000
20000
25000
30000
Iterations

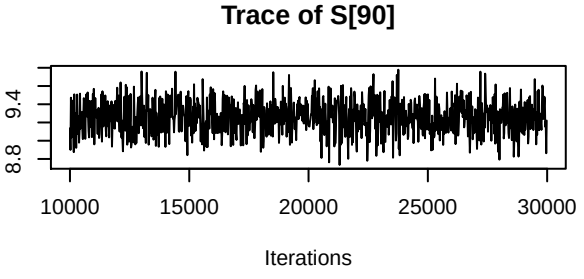

Density of S[87]
0.0
1.5
4.4
4.6
4.8
5.0
5.2
5.4
N = 1000 Bandwidth = 0.03668

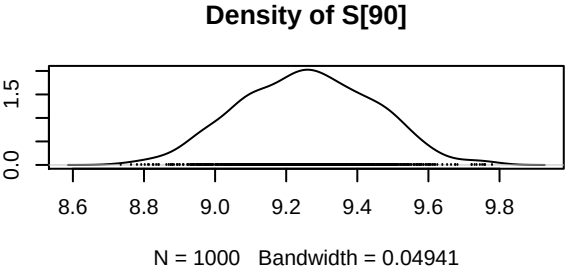

Trace of S[88]
4.0
4.6
10000
15000
20000
25000
30000
Iterations

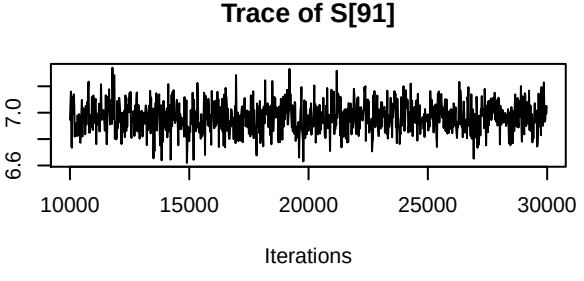

Density of S[88]
0.0
2.0
3.8
4.0
4.2
4.4
4.6
4.8
N = 1000 Bandwidth = 0.03399

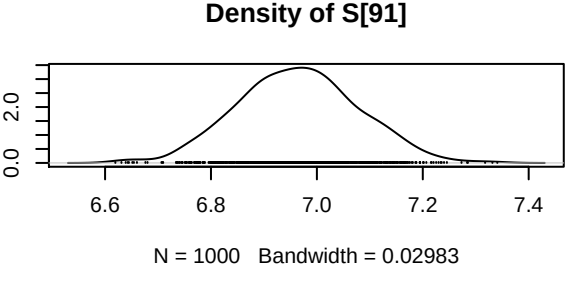

Trace of S[89]
7.0
7.6
10000
15000
20000
25000
30000
Iterations

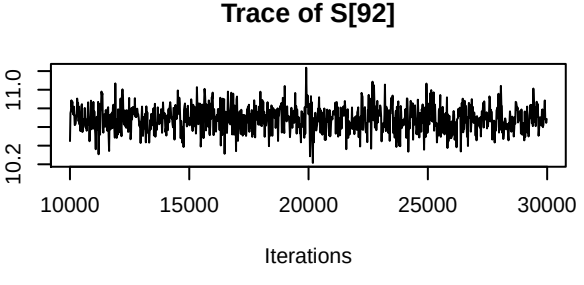

Density of S[89]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
8.2
N = 1000 Bandwidth = 0.04644

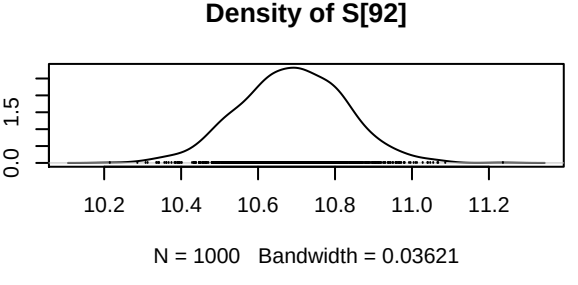

Trace of S[90]
8.8
9.4
10000
15000
20000
25000
30000
Iterations

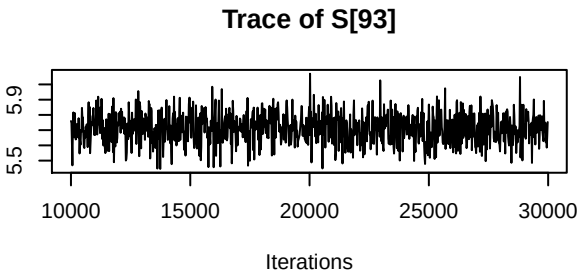

Density of S[90]
0.0
1.5
8.6
8.8
9.0
9.2
9.4
9.6
9.8
N = 1000 Bandwidth = 0.04941

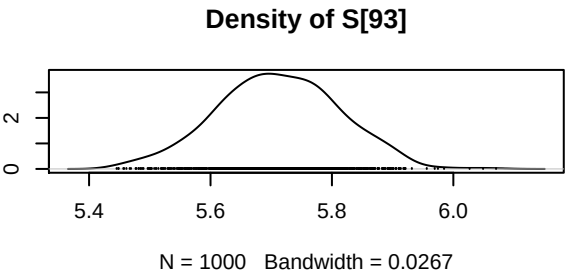

Trace of S[91]
6.6
7.0
10000
15000
20000
25000
30000
Iterations

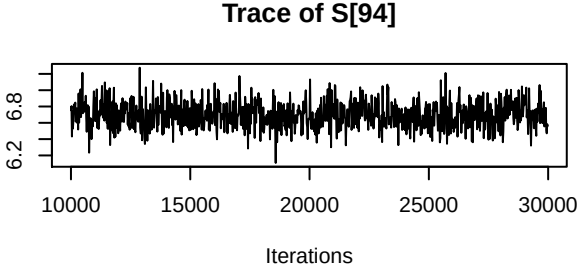

Density of S[91]
0.0
2.0
6.6
6.8
7.0
7.2
7.4
N = 1000 Bandwidth = 0.02983

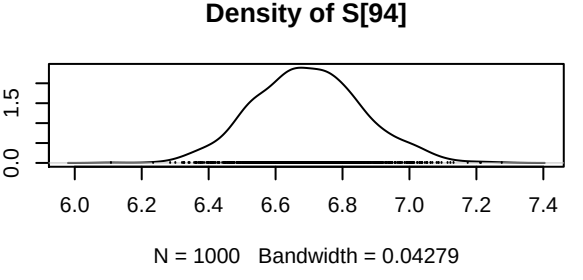

Trace of S[92]
10.2
11.0
10000
15000
20000
25000
30000
Iterations

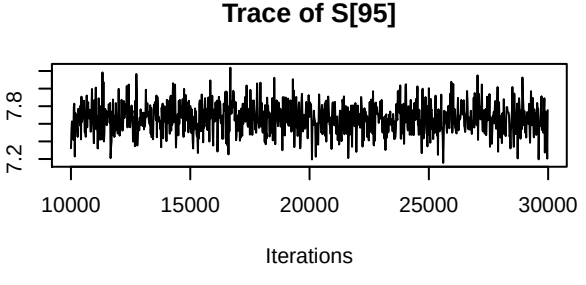

Density of S[92]
0.0
1.5
10.2
10.4
10.6
10.8
11.0
11.2
N = 1000 Bandwidth = 0.03621

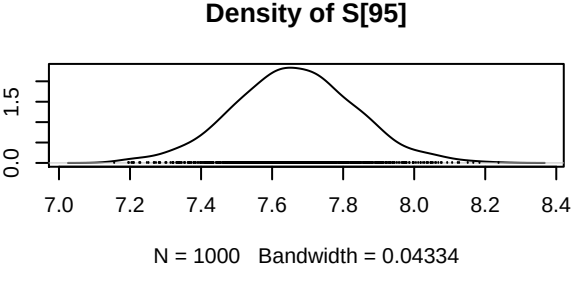

Trace of S[93]
5.5
5.9
10000
15000
20000
25000
30000
Iterations

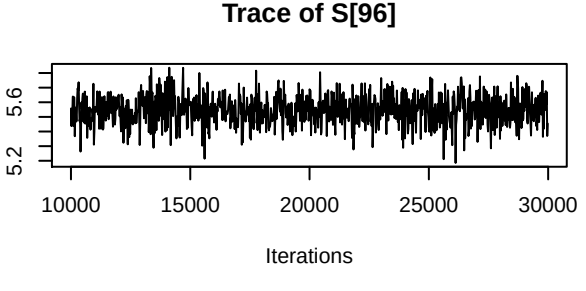

Density of S[93]
0
2
5.4
5.6
5.8
6.0
N = 1000 Bandwidth = 0.0267

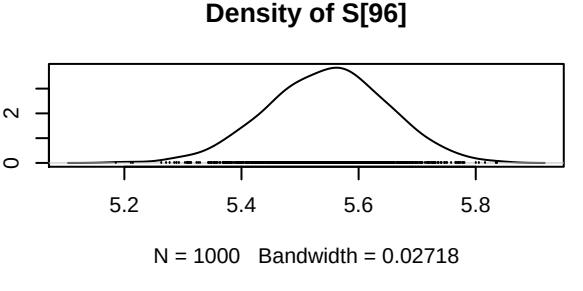

Trace of S[94]
6.2
6.8
10000
15000
20000
25000
30000
Iterations

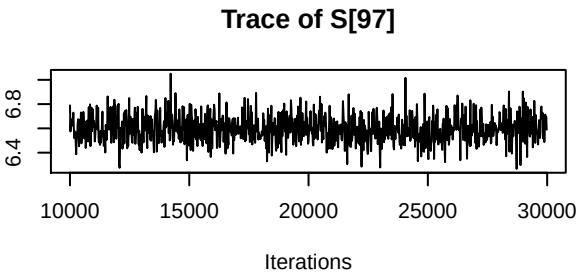

Density of S[94]
0.0
1.5
6.0
6.2
6.4
6.6
6.8
7.0
7.2
7.4
N = 1000 Bandwidth = 0.04279

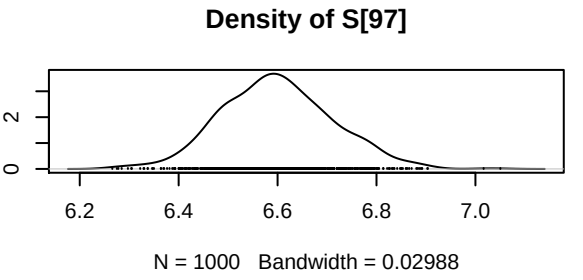

Trace of S[95]
7.2
7.8
10000
15000
20000
25000
30000
Iterations

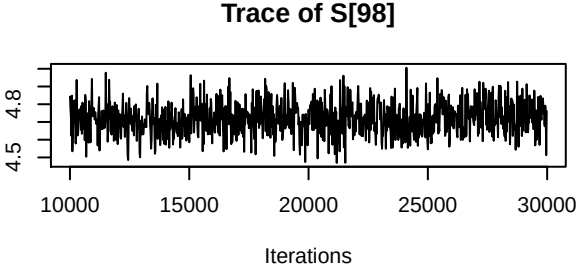

Density of S[95]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
8.2
8.4
N = 1000 Bandwidth = 0.04334

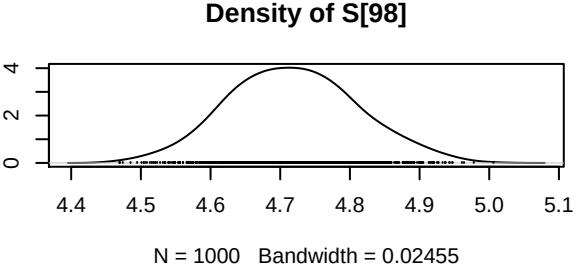

Trace of S[96]
5.2
5.6
10000
15000
20000
25000
30000
Iterations

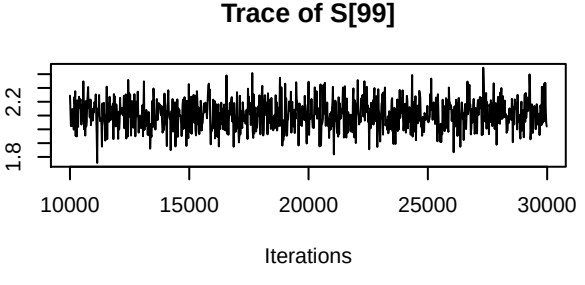

Density of S[96]
0
2
5.2
5.4
5.6
5.8
N = 1000 Bandwidth = 0.02718

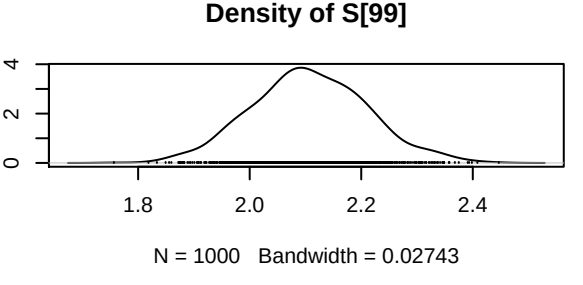

Trace of S[97]
6.4
6.8
10000
15000
20000
25000
30000
Iterations

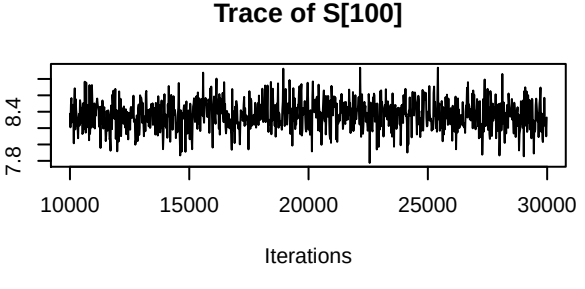

Density of S[97]
0
2
6.2
6.4
6.6
6.8
7.0
N = 1000 Bandwidth = 0.02988

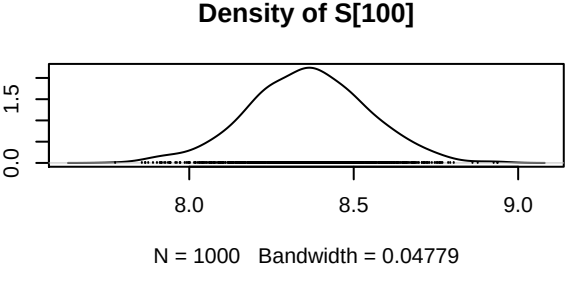

Trace of S[98]
4.5
4.8
10000
15000
20000
25000
30000
Iterations

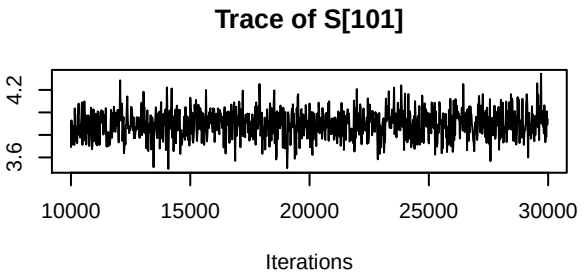

Density of S[98]
0
2
4
4.4
4.5
4.6
4.7
4.8
4.9
5.0
5.1
N = 1000 Bandwidth = 0.02455

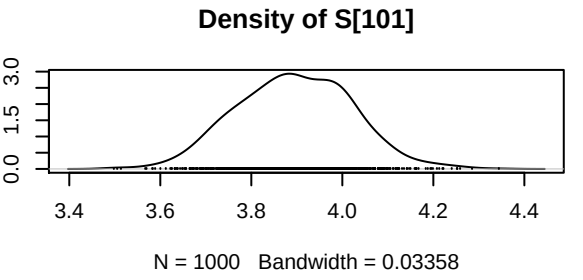

Trace of S[99]
1.8
2.2
10000
15000
20000
25000
30000
Iterations

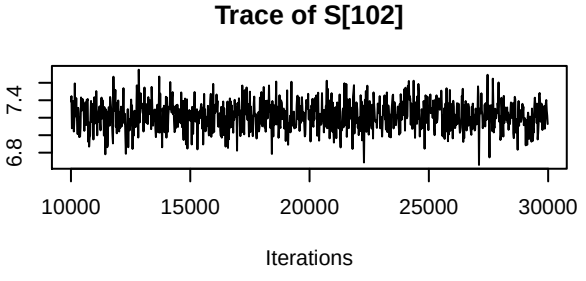

Density of S[99]
0
2
4
1.8
2.0
2.2
2.4
N = 1000 Bandwidth = 0.02743

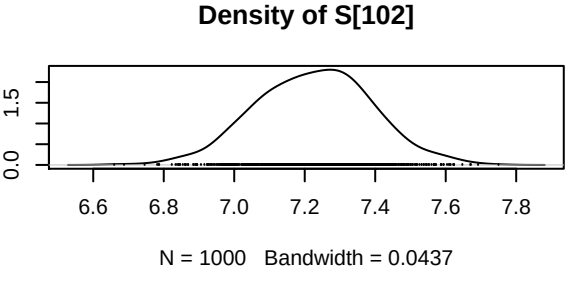

Trace of S[100]
7.8
8.4
10000
15000
20000
25000
30000
Iterations

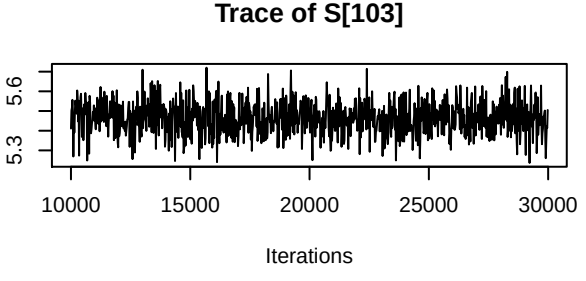

Density of S[100]
0.0
1.5
8.0
8.5
9.0
N = 1000 Bandwidth = 0.04779

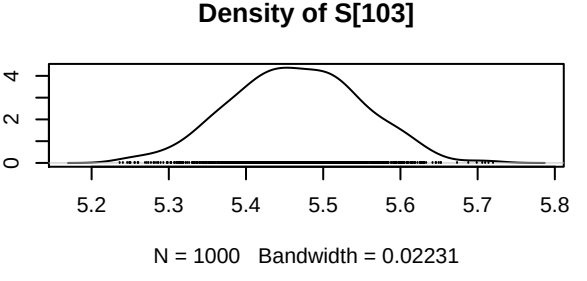

Trace of S[101]
3.6
4.2
10000
15000
20000
25000
30000
Iterations

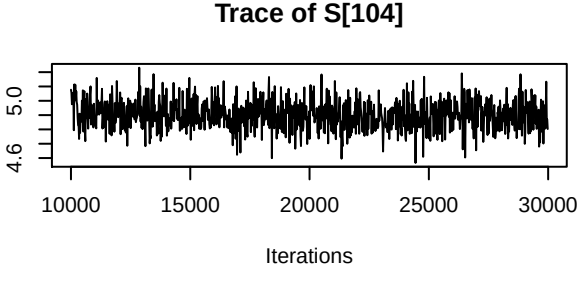

Density of S[101]
0.0
1.5
3.0
3.4
3.6
3.8
4.0
4.2
4.4
N = 1000 Bandwidth = 0.03358

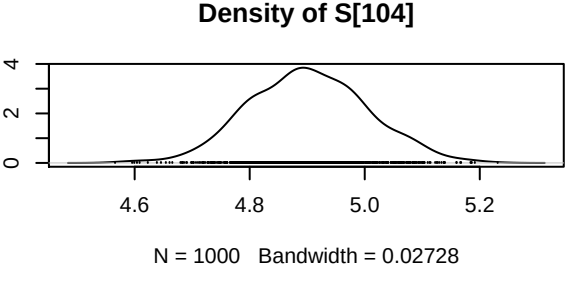

Trace of S[102]
6.8
7.4
10000
15000
20000
25000
30000
Iterations

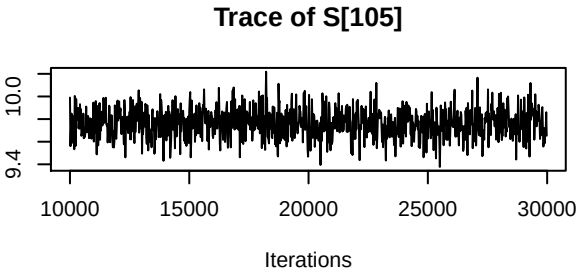

Density of S[102]
0.0
1.5
6.6
6.8
7.0
7.2
7.4
7.6
7.8
N = 1000 Bandwidth = 0.0437

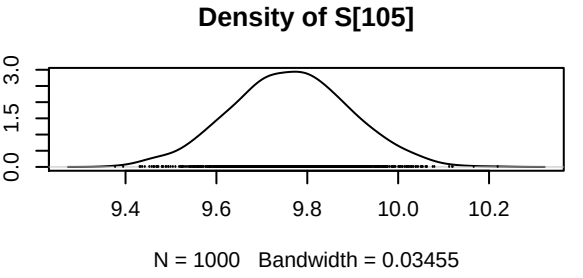

Trace of S[103]
5.3
5.6
10000
15000
20000
25000
30000
Iterations

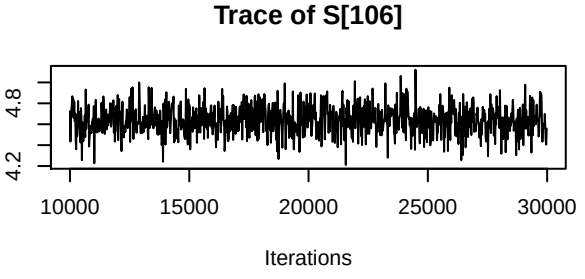

Density of S[103]
0
2
4
5.2
5.3
5.4
5.5
5.6
5.7
5.8
N = 1000 Bandwidth = 0.02231

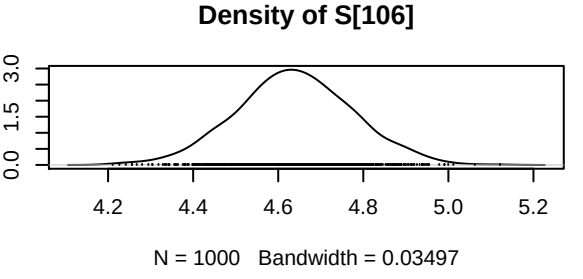

Trace of S[104]
4.6
5.0
10000
15000
20000
25000
30000
Iterations

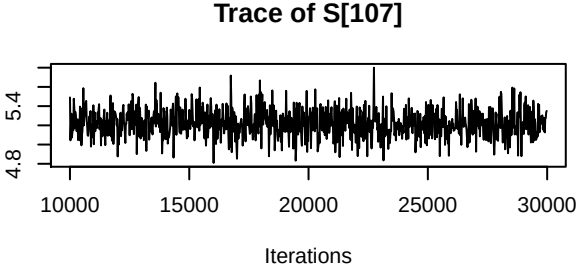

Density of S[104]
0
2
4
4.6
4.8
5.0
5.2
N = 1000 Bandwidth = 0.02728

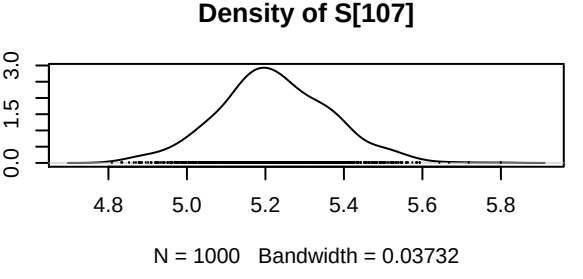

Trace of S[105]
9.4
10.0
10000
15000
20000
25000
30000
Iterations

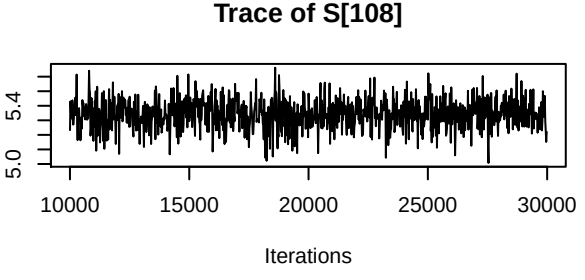

Density of S[105]
0.0
1.5
3.0
9.4
9.6
9.8
10.0
10.2
N = 1000 Bandwidth = 0.03455

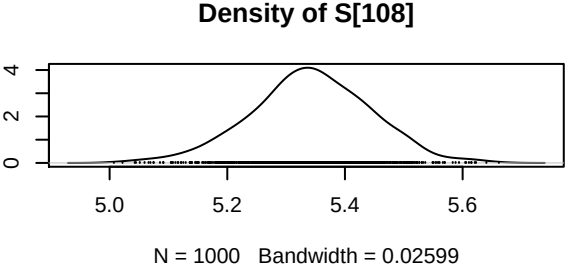

Trace of S[106]
4.2
4.8
10000
15000
20000
25000
30000
Iterations

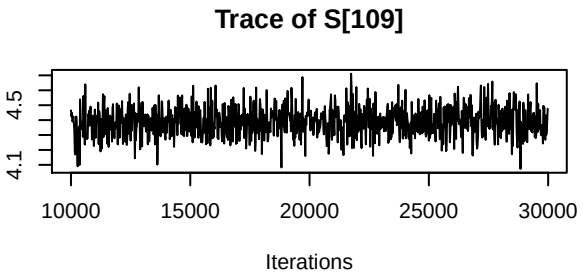

Density of S[106]
0.0
1.5
3.0
4.2
4.4
4.6
4.8
5.0
5.2
N = 1000 Bandwidth = 0.03497

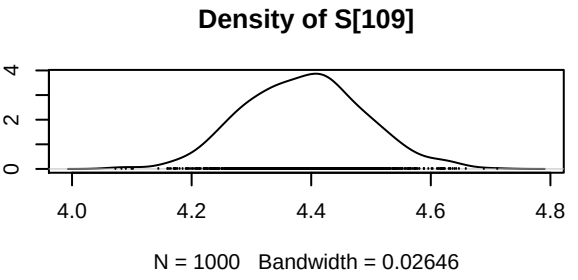

Trace of S[107]
4.8
5.4
10000
15000
20000
25000
30000
Iterations

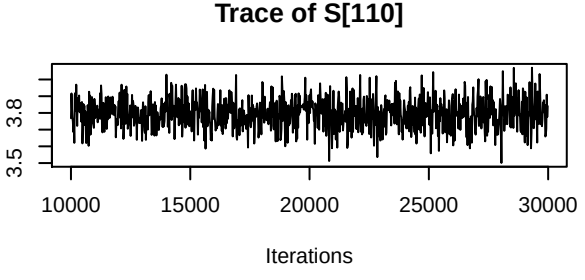

Density of S[107]
0.0
1.5
3.0
4.8
5.0
5.2
5.4
5.6
5.8
N = 1000 Bandwidth = 0.03732

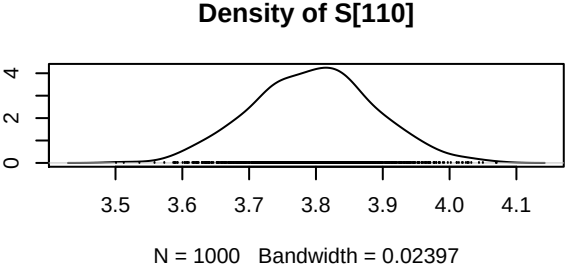

Trace of S[108]
5.0
5.4
10000
15000
20000
25000
30000
Iterations

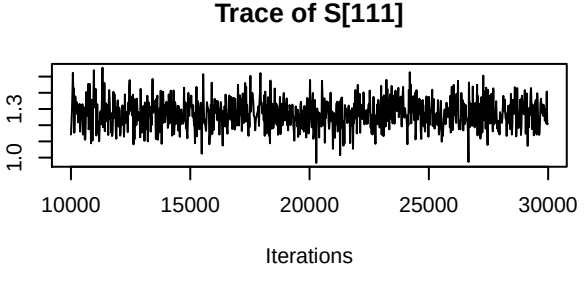

Density of S[108]
0
2
4
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.02599

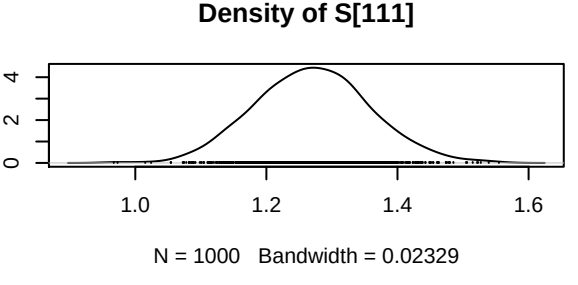

Trace of S[109]
4.1
4.5
10000
15000
20000
25000
30000
Iterations

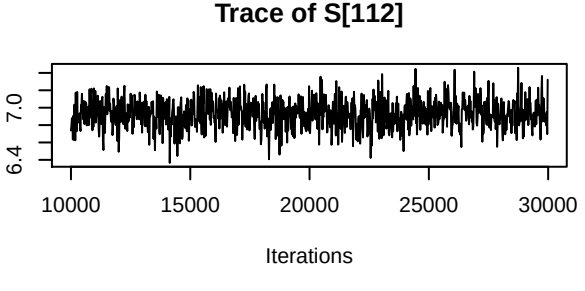

Density of S[109]
0
2
4
4.0
4.2
4.4
4.6
4.8
N = 1000 Bandwidth = 0.02646

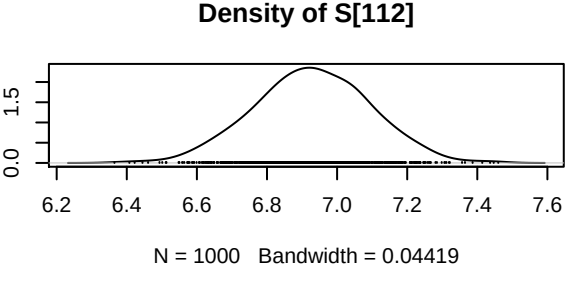

Trace of S[110]
3.5
3.8
10000
15000
20000
25000
30000
Iterations

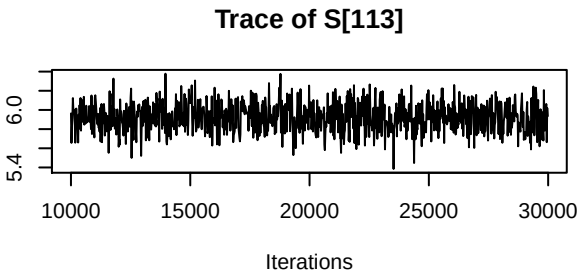

Density of S[110]
0
2
4
3.5
3.6
3.7
3.8
3.9
4.0
4.1
N = 1000 Bandwidth = 0.02397

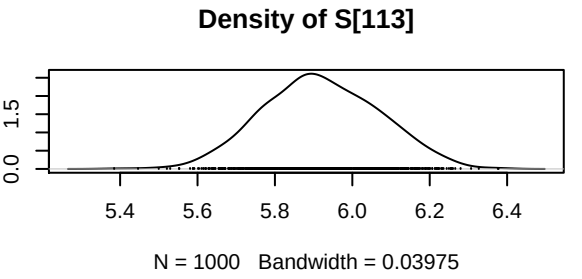

Trace of S[111]
1.0
1.3
10000
15000
20000
25000
30000
Iterations

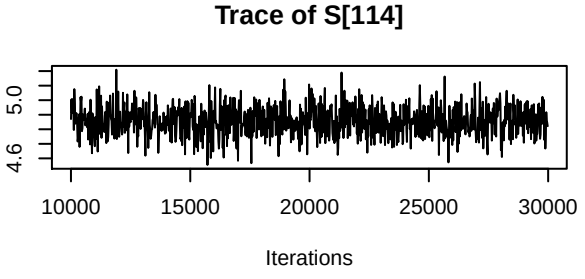

Density of S[111]
0
2
4
1.0
1.2
1.4
1.6
N = 1000 Bandwidth = 0.02329

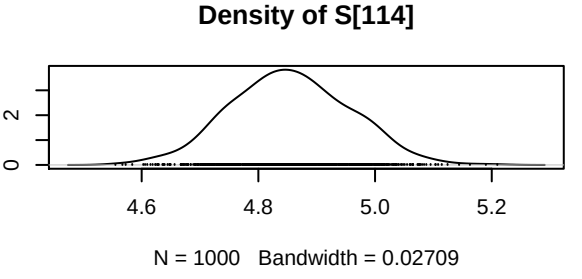

Trace of S[112]
6.4
7.0
10000
15000
20000
25000
30000
Iterations

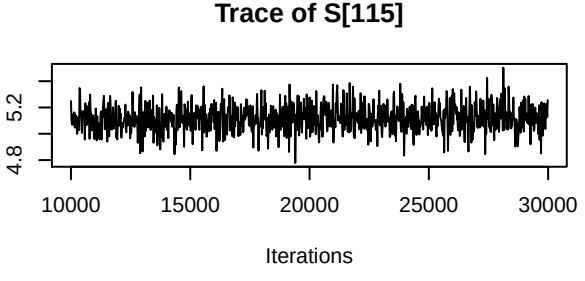

Density of S[112]
0.0
1.5
6.2
6.4
6.6
6.8
7.0
7.2
7.4
7.6
N = 1000 Bandwidth = 0.04419

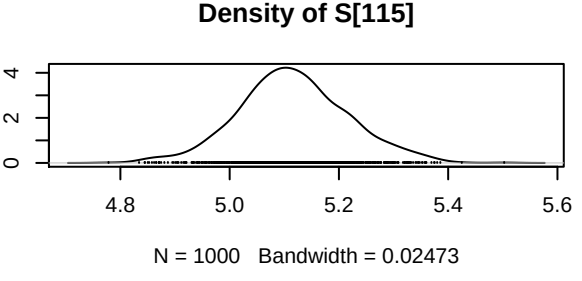

Trace of S[113]
5.4
6.0
10000
15000
20000
25000
30000
Iterations

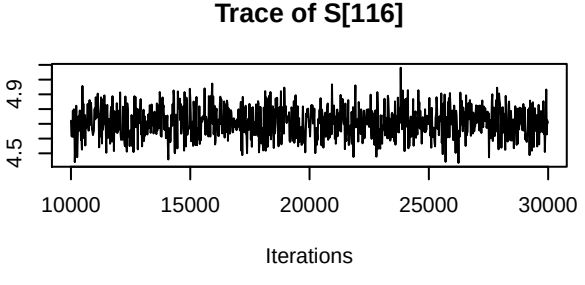

Density of S[113]
0.0
1.5
5.4
5.6
5.8
6.0
6.2
6.4
N = 1000 Bandwidth = 0.03975

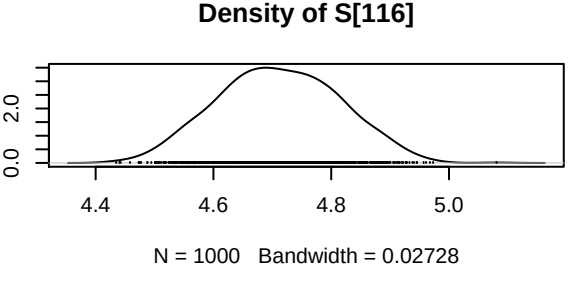

Trace of S[114]
4.6
5.0
10000
15000
20000
25000
30000
Iterations

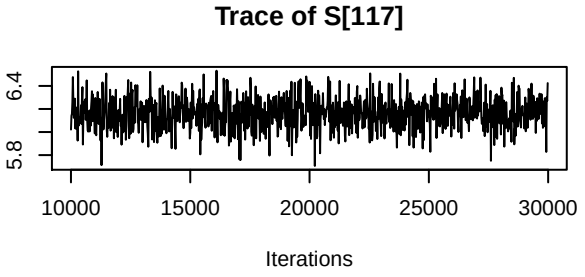

Density of S[114]
0
2
4.6
4.8
5.0
5.2
N = 1000 Bandwidth = 0.02709

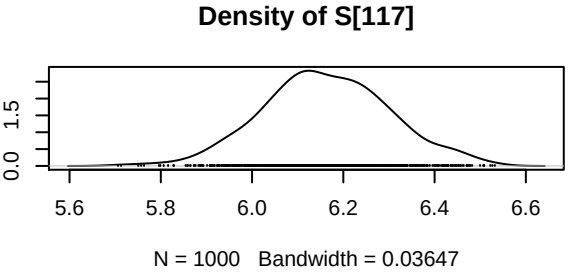

Trace of S[115]
4.8
5.2
10000
15000
20000
25000
30000
Iterations

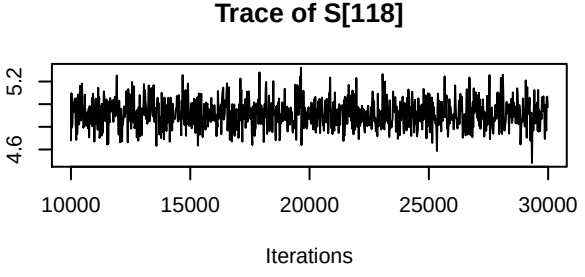

Density of S[115]
0
2
4
4.8
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.02473

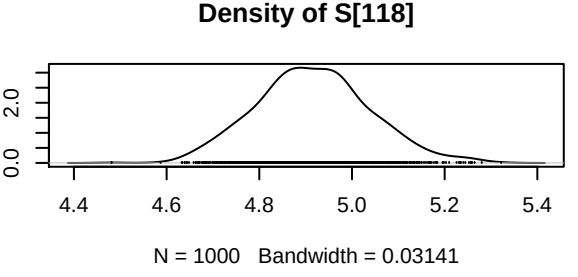

Trace of S[116]
4.5
4.9
10000
15000
20000
25000
30000
Iterations

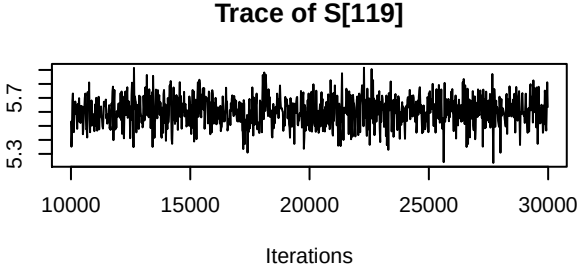

Density of S[116]
0.0
2.0
4.4
4.6
4.8
5.0
N = 1000 Bandwidth = 0.02728

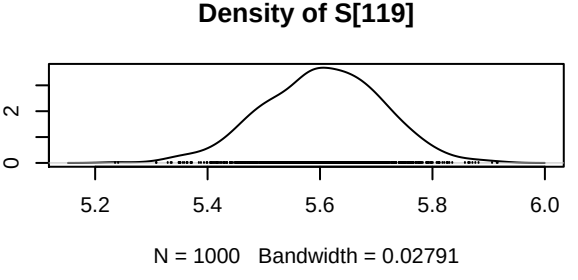

Trace of S[117]
6.4
5.8
10000
15000
20000
25000
30000
Iterations

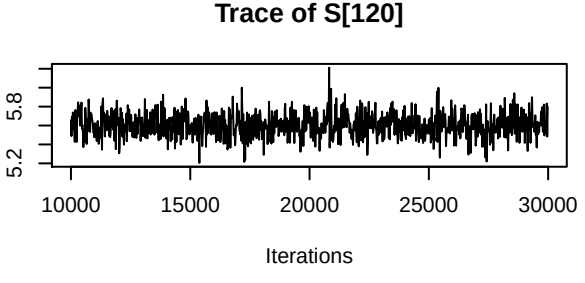

Density of S[117]
1.5
0.0
5.6
5.8
6.0
6.2
6.4
6.6
N = 1000 Bandwidth = 0.03647

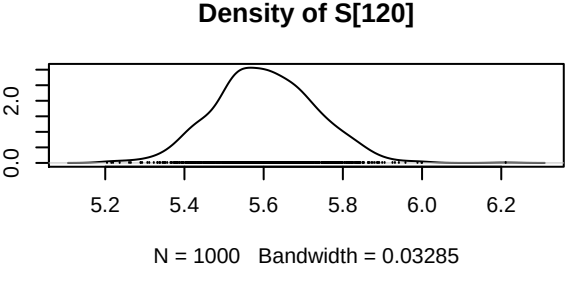

Trace of S[118]
5.2
4.6
10000
15000
20000
25000
30000
Iterations

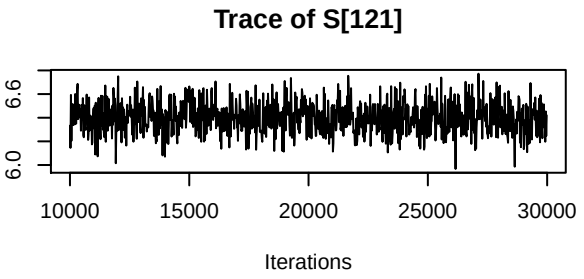

Density of S[118]
2.0
0.0
4.4
4.6
4.8
5.0
5.2
5.4
N = 1000 Bandwidth = 0.03141

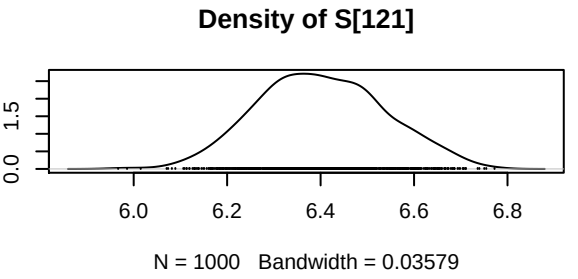

Trace of S[119]
5.7
5.3
10000
15000
20000
25000
30000
Iterations

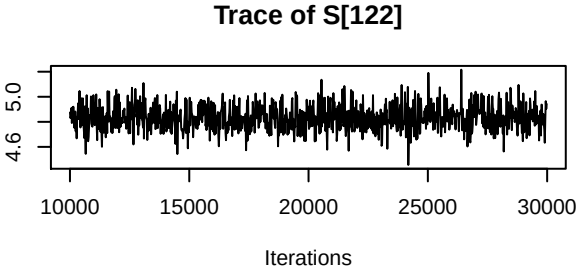

Density of S[119]
2
0
5.2
5.4
5.6
5.8
6.0
N = 1000 Bandwidth = 0.02791

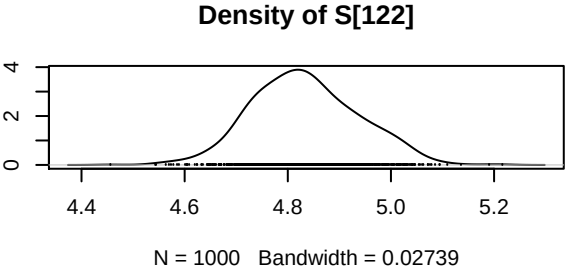

Trace of S[120]
5.8
5.2
10000
15000
20000
25000
30000
Iterations

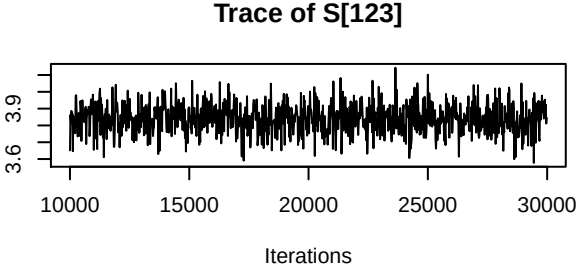

Density of S[120]
2.0
0.0
5.2
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.03285

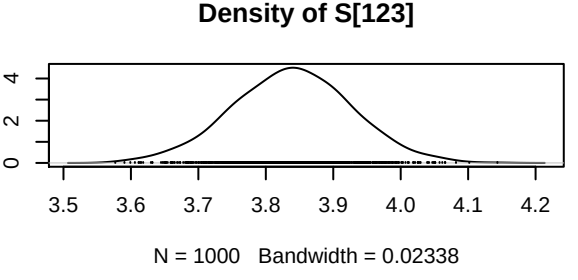

Trace of S[121]
6.0
6.6
10000
15000
20000
25000
30000
Iterations

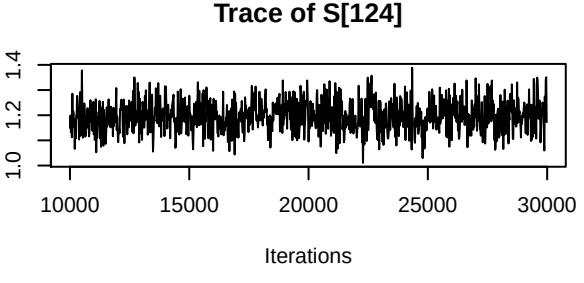

Density of S[121]
0.0
1.5
6.0
6.2
6.4
6.6
6.8
N = 1000 Bandwidth = 0.03579

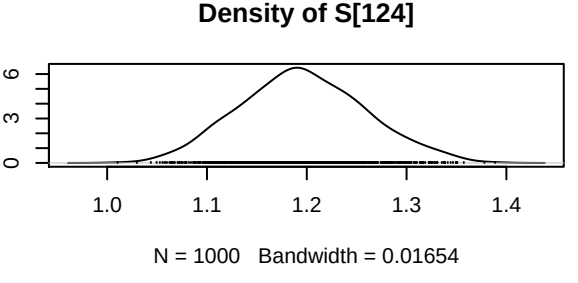

Trace of S[122]
4.6
5.0
10000
15000
20000
25000
30000
Iterations

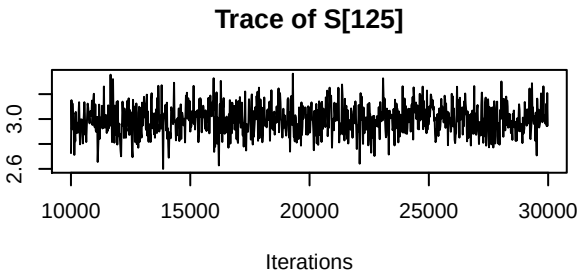

Density of S[122]
0
2
4
4.4
4.6
4.8
5.0
5.2
N = 1000 Bandwidth = 0.02739

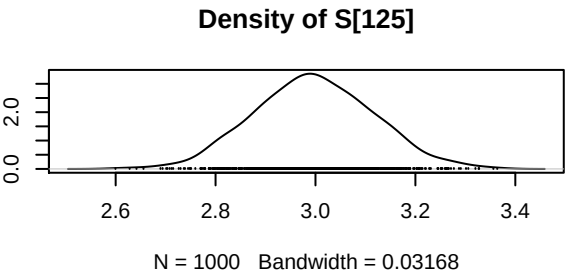

Trace of S[123]
3.6
3.9
10000
15000
20000
25000
30000
Iterations

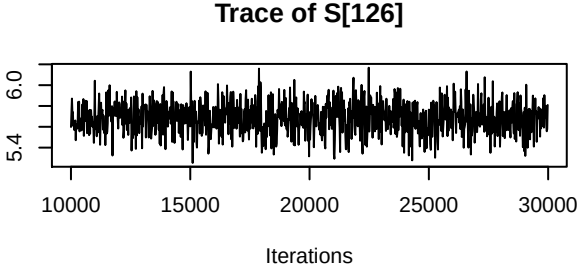

Density of S[123]
0
2
4
3.5
3.6
3.7
3.8
3.9
4.0
4.1
4.2
N = 1000 Bandwidth = 0.02338

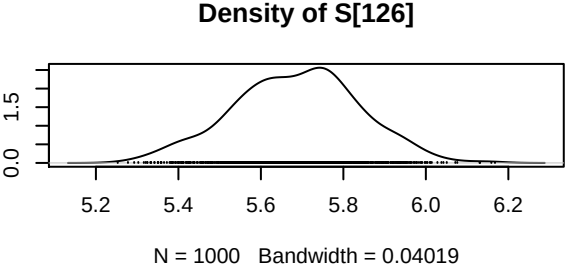

Trace of S[124]
1.0
1.2
1.4
10000
15000
20000
25000
30000
Iterations

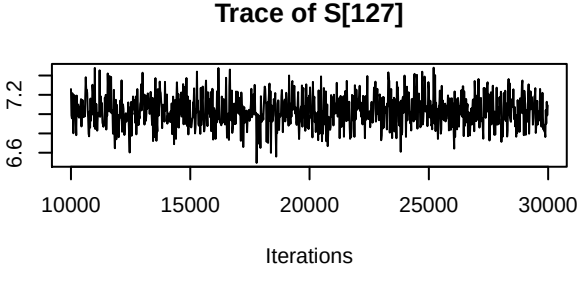

Density of S[124]
0
3
6
1.0
1.1
1.2
1.3
1.4
N = 1000 Bandwidth = 0.01654

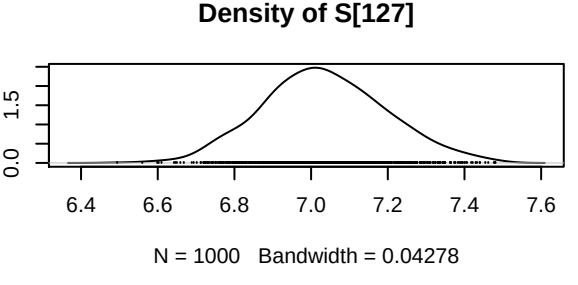

Trace of S[125]
2.6
3.0
10000
15000
20000
25000
30000
Iterations

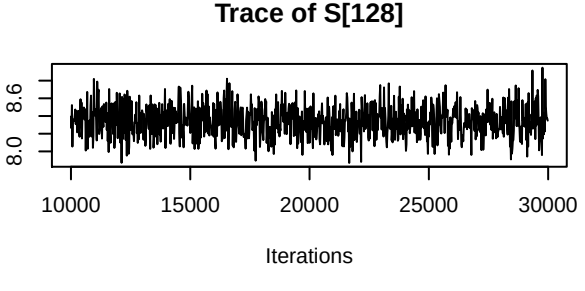

Density of S[125]
0.0
2.0
2.6
2.8
3.0
3.2
3.4
N = 1000 Bandwidth = 0.03168

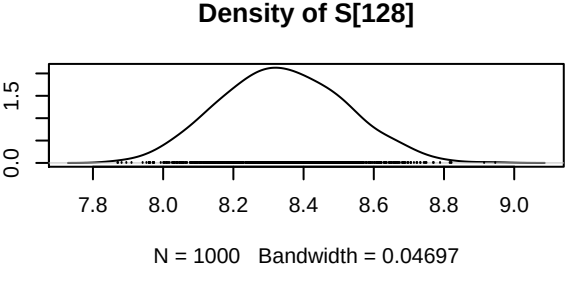

Trace of S[126]
5.4
6.0
10000
15000
20000
25000
30000
Iterations

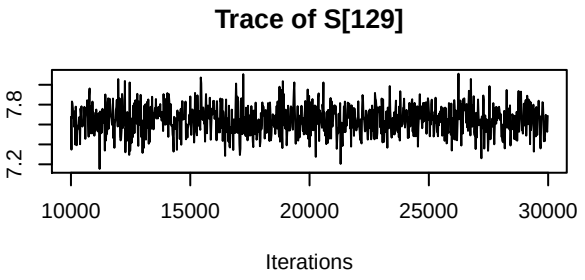

Density of S[126]
0.0
1.5
5.2
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.04019

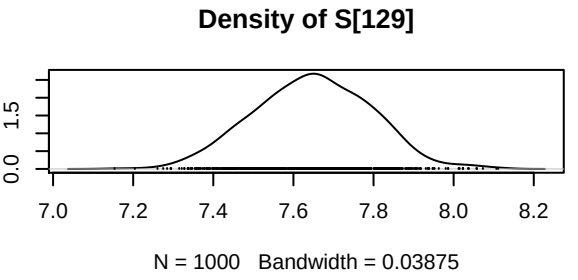

Trace of S[127]
6.6
7.2
10000
15000
20000
25000
30000
Iterations

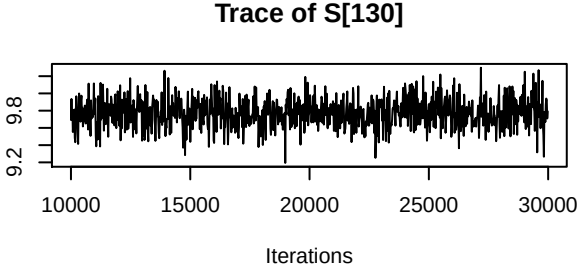

Density of S[127]
0.0
1.5
6.4
6.6
6.8
7.0
7.2
7.4
7.6
N = 1000 Bandwidth = 0.04278

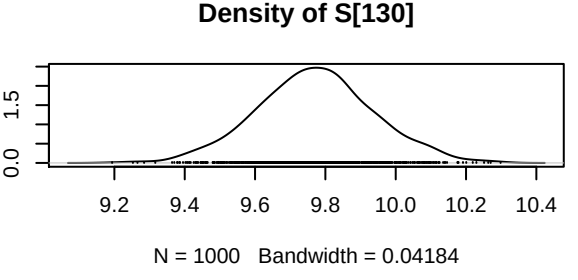

Trace of S[128]
8.0
8.6
10000
15000
20000
25000
30000
Iterations

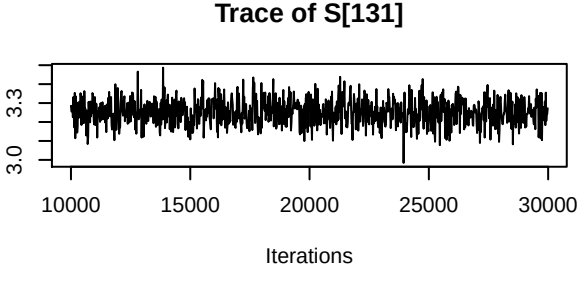

Density of S[128]
0.0
1.5
7.8
8.0
8.2
8.4
8.6
8.8
9.0
N = 1000 Bandwidth = 0.04697

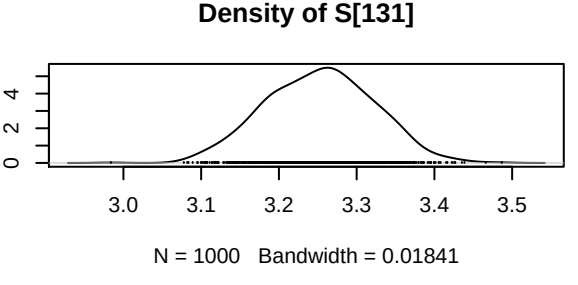

Trace of S[129]
7.2
7.8
10000
15000
20000
25000
30000
Iterations

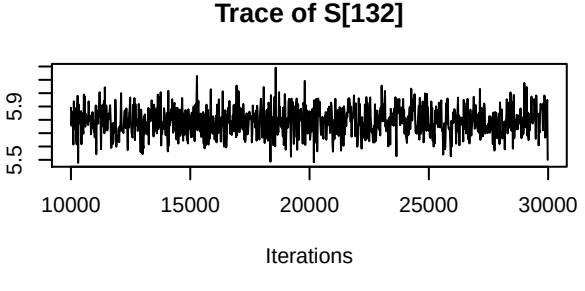

Density of S[129]
0.0
1.5
7.0
7.2
7.4
7.6
7.8
8.0
8.2
N = 1000 Bandwidth = 0.03875

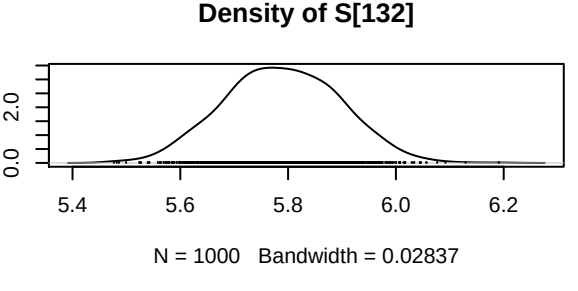

Trace of S[130]
9.2
9.8
10000
15000
20000
25000
30000
Iterations

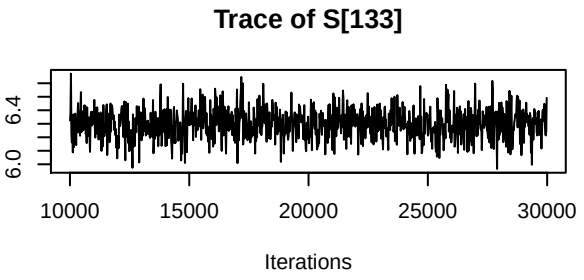

Density of S[130]
0.0
1.5
9.2
9.4
9.6
9.8
10.0
10.2
10.4
N = 1000 Bandwidth = 0.04184

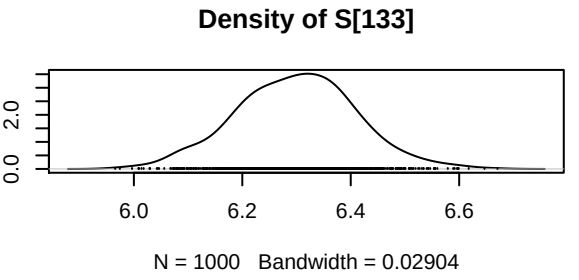

Trace of S[131]
3.0
3.3
10000
15000
20000
25000
30000
Iterations

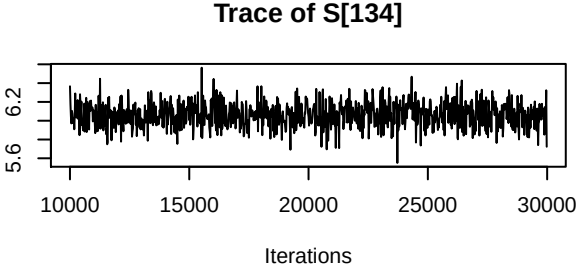

Density of S[131]
0
2
4
3.0
3.1
3.2
3.3
3.4
3.5
N = 1000 Bandwidth = 0.01841

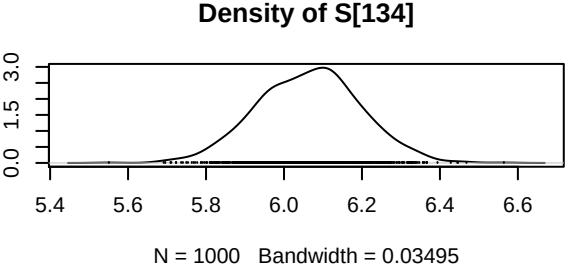

Trace of S[132]
5.5
5.9
10000
15000
20000
25000
30000
Iterations

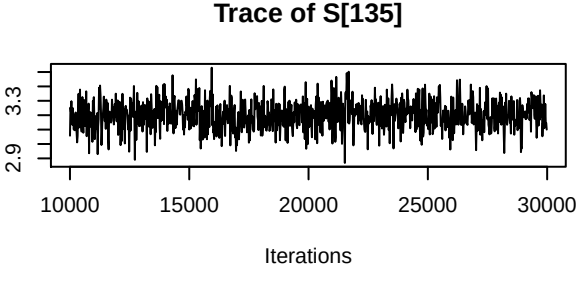

Density of S[132]
0.0
2.0
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.02837

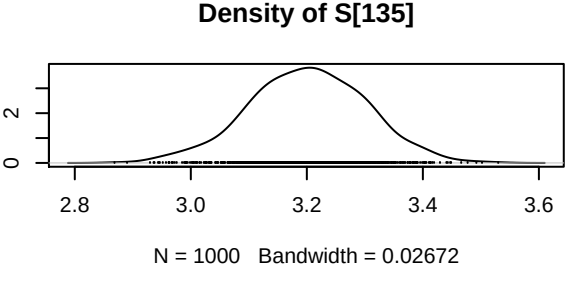

Trace of S[133]
6.0
6.4
10000
15000
20000
25000
30000
Iterations

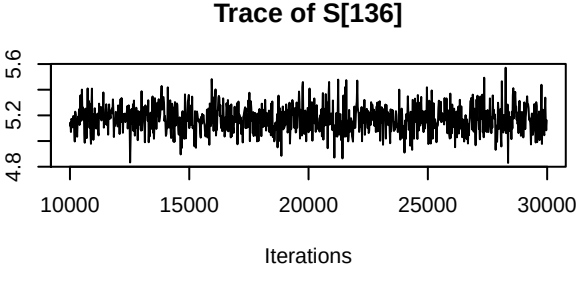

Density of S[133]
0.0
2.0
6.0
6.2
6.4
6.6
N = 1000 Bandwidth = 0.02904

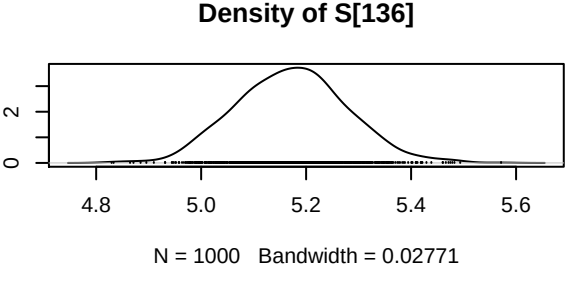

Trace of S[134]
5.6
6.2
10000
15000
20000
25000
30000
Iterations

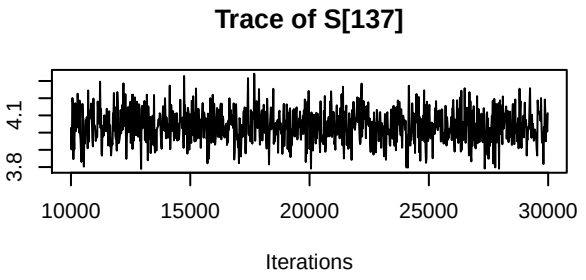

Density of S[134]
0.0
1.5
3.0
5.4
5.6
5.8
6.0
6.2
6.4
6.6
N = 1000 Bandwidth = 0.03495

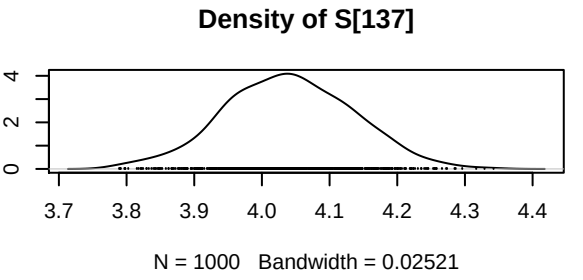

Trace of S[135]
2.9
3.3
10000
15000
20000
25000
30000
Iterations

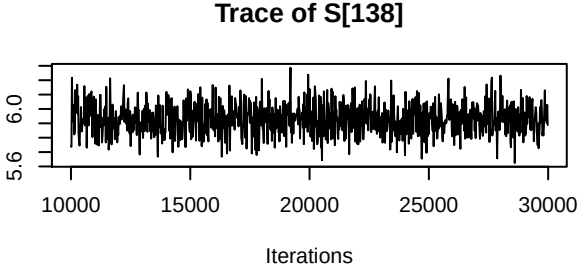

Density of S[135]
0
2
2.8
3.0
3.2
3.4
3.6
N = 1000 Bandwidth = 0.02672

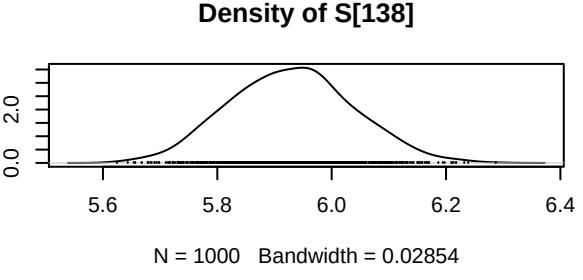

Trace of S[136]
4.8
5.2
5.6
10000
15000
20000
25000
30000
Iterations

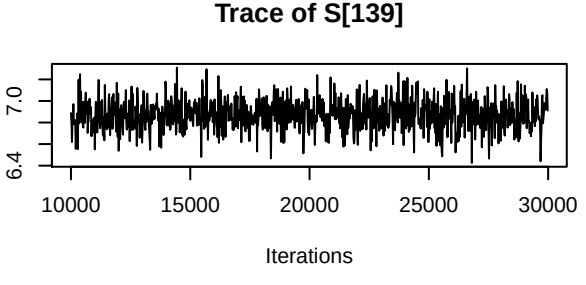

Density of S[136]
0
2
4.8
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.02771

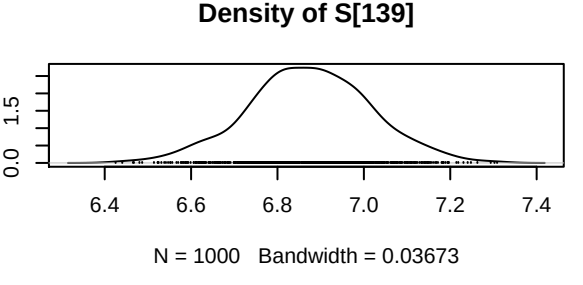

Trace of S[137]
3.8
4.1
10000
15000
20000
25000
30000
Iterations

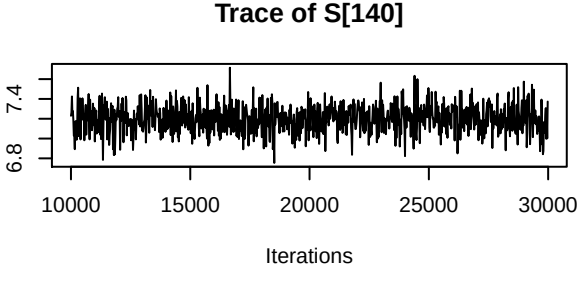

Density of S[137]
0
2
4
3.7
3.8
3.9
4.0
4.1
4.2
4.3
4.4
N = 1000 Bandwidth = 0.02521

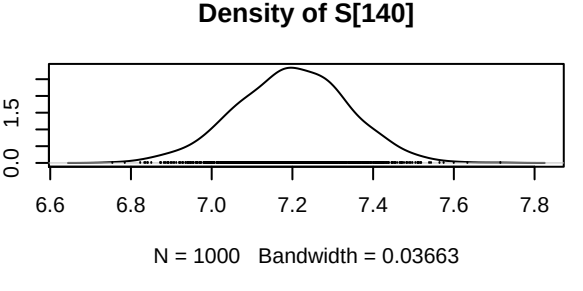

Trace of S[138]
5.6
6.0
10000
15000
20000
25000
30000
Iterations

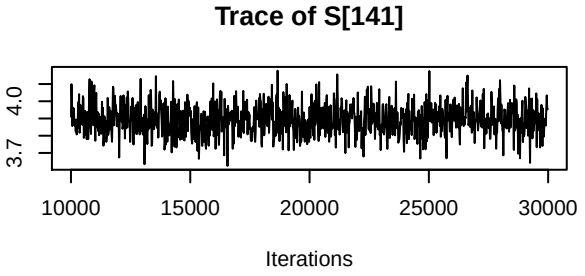

Density of S[138]
0.0
2.0
5.6
5.8
6.0
6.2
6.4
N = 1000 Bandwidth = 0.02854

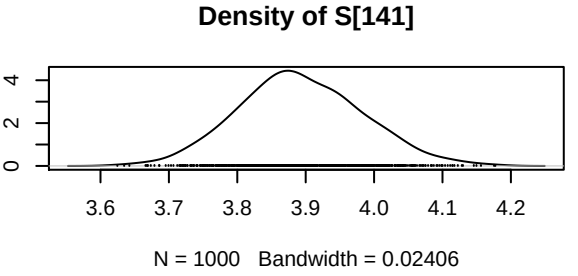

Trace of S[139]
6.4
7.0
10000
15000
20000
25000
30000
Iterations

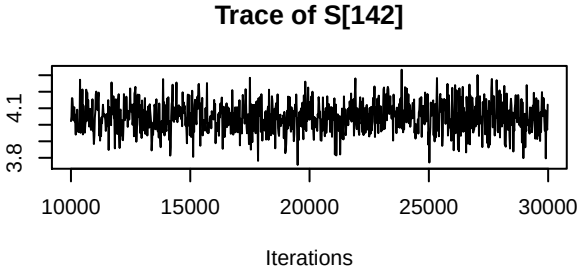

Density of S[139]
0.0
1.5
6.4
6.6
6.8
7.0
7.2
7.4
N = 1000 Bandwidth = 0.03673

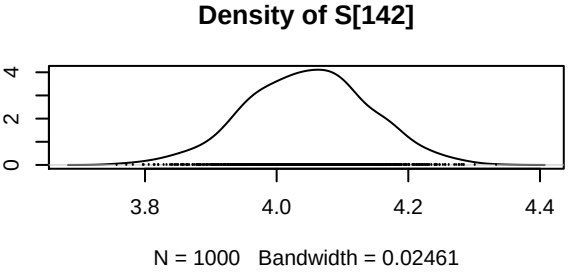

Trace of S[140]
6.8
7.4
10000
15000
20000
25000
30000
Iterations

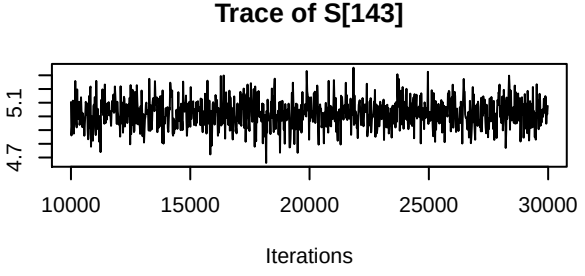

Density of S[140]
0.0
1.5
6.6
6.8
7.0
7.2
7.4
7.6
7.8
N = 1000 Bandwidth = 0.03663

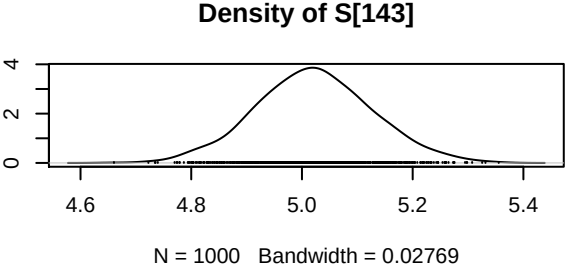

Trace of S[141]
3.7
4.0
10000
15000
20000
25000
30000
Iterations

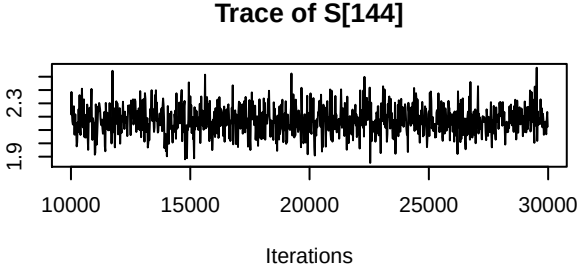

Density of S[141]
0
2
4
3.6
3.7
3.8
3.9
4.0
4.1
4.2
N = 1000 Bandwidth = 0.02406

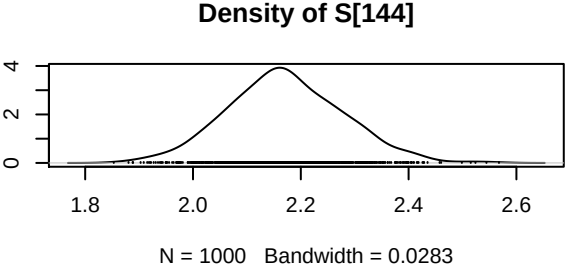

Trace of S[142]
3.8
4.1
10000
15000
20000
25000
30000
Iterations

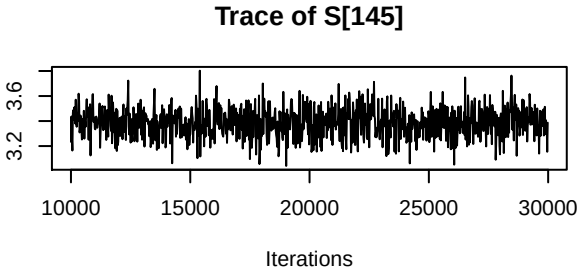

Density of S[142]
0
2
4
3.8
4.0
4.2
4.4
N = 1000 Bandwidth = 0.02461

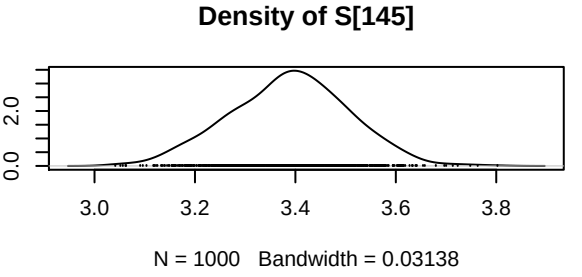

Trace of S[143]
4.7
5.1
10000
15000
20000
25000
30000
Iterations

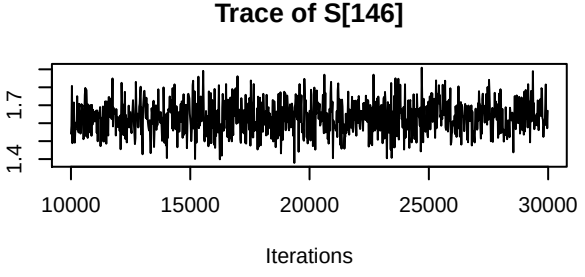

Density of S[143]
0
2
4
4.6
4.8
5.0
5.2
5.4
N = 1000 Bandwidth = 0.02769

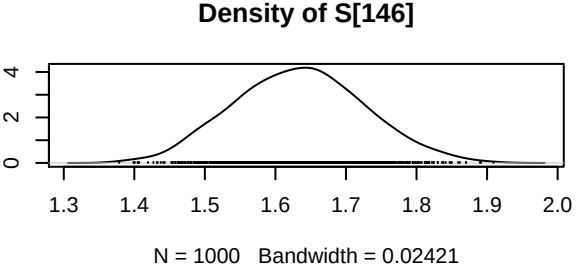

Trace of S[144]
1.9
2.3
10000
15000
20000
25000
30000
Iterations

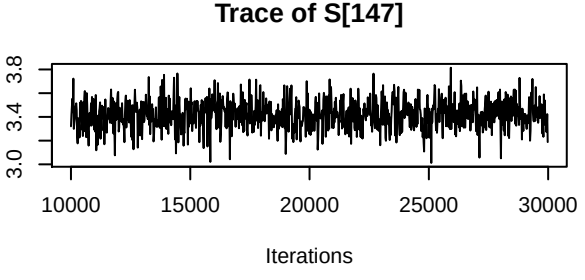

Density of S[144]
0
2
4
1.8
2.0
2.2
2.4
2.6
N = 1000 Bandwidth = 0.0283

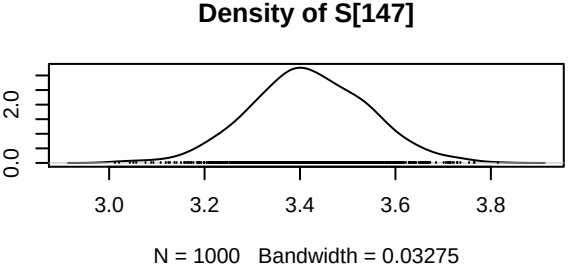

Trace of S[145]
3.2
3.6
10000
15000
20000
25000
30000
Iterations

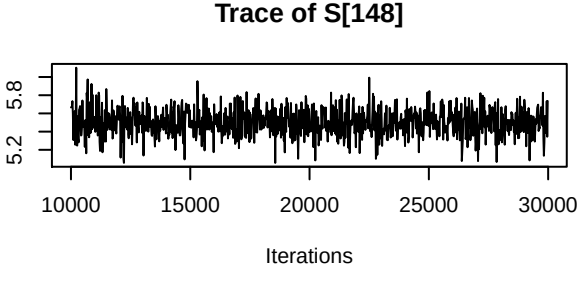

Density of S[145]
0.0
2.0
3.0
3.2
3.4
3.6
3.8
N = 1000 Bandwidth = 0.03138

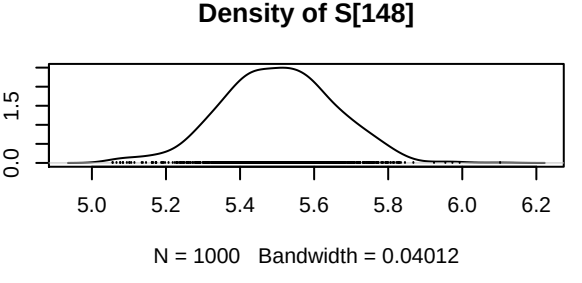

Trace of S[146]
1.4
1.7
10000
15000
20000
25000
30000
Iterations

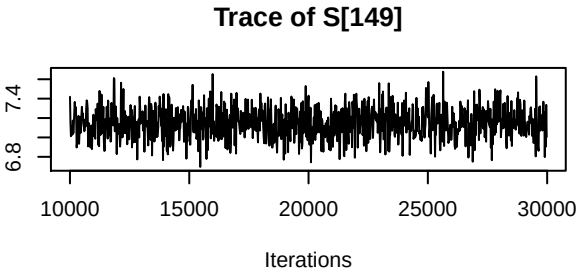

Density of S[146]
0
2
4
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
N = 1000 Bandwidth = 0.02421

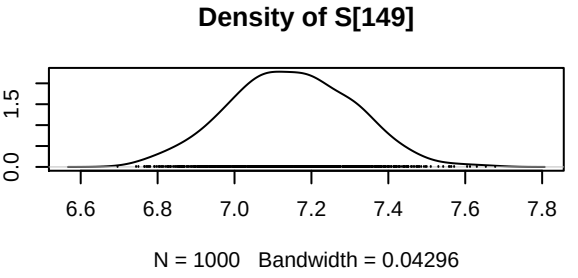

Trace of S[147]
3.0
3.4
3.8
10000
15000
20000
25000
30000
Iterations

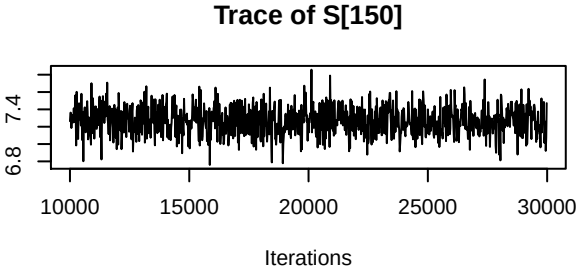

Density of S[147]
0.0
2.0
3.0
3.2
3.4
3.6
3.8
N = 1000 Bandwidth = 0.03275

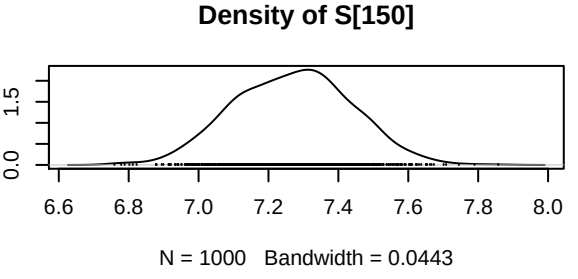

Trace of S[148]
5.2
5.8
10000
15000
20000
25000
30000
Iterations

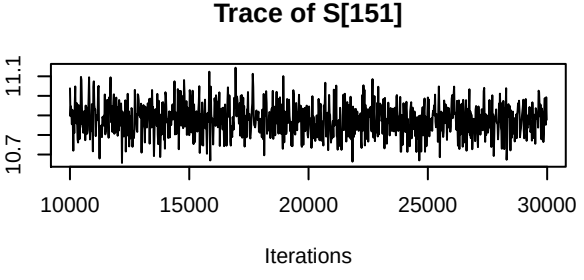

Density of S[148]
0.0
1.5
5.0
5.2
5.4
5.6
5.8
6.0
6.2
N = 1000 Bandwidth = 0.04012

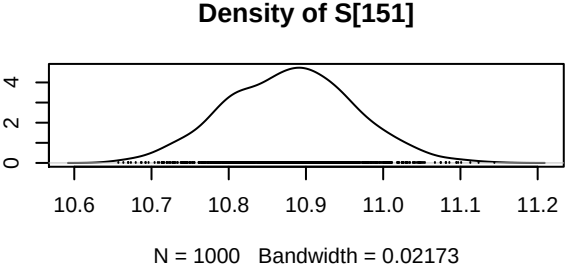

Trace of S[149]
6.8
7.4
10000
15000
20000
25000
30000
Iterations

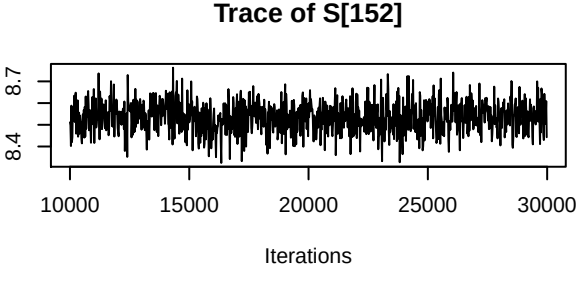

Density of S[149]
0.0
1.5
6.6
6.8
7.0
7.2
7.4
7.6
7.8
N = 1000 Bandwidth = 0.04296

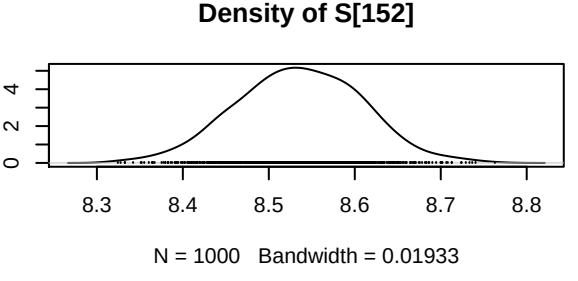

Trace of S[150]
6.8
7.4
10000
15000
20000
25000
30000
Iterations

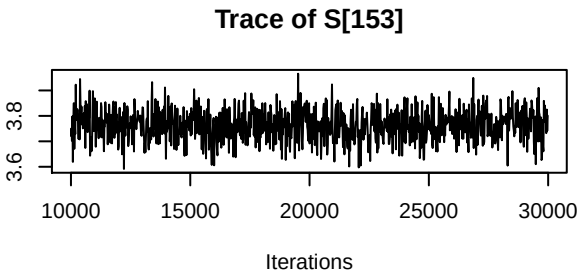

Density of S[150]
0.0
1.5
6.6
6.8
7.0
7.2
7.4
7.6
7.8
8.0
N = 1000 Bandwidth = 0.0443

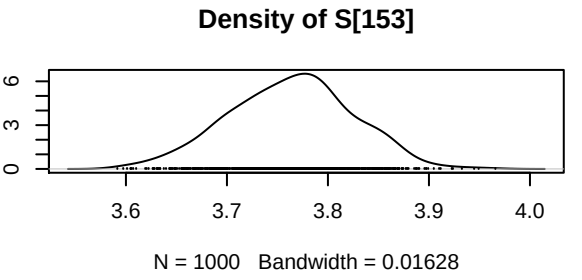

Trace of S[151]
10.7
11.1
10000
15000
20000
25000
30000
Iterations

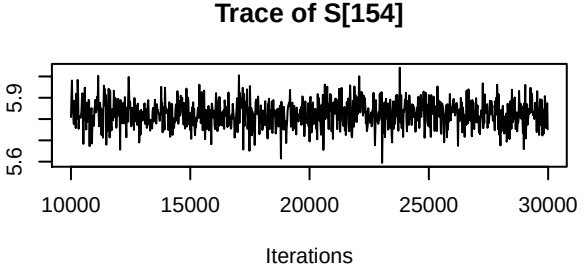

Density of S[151]
0
2
4
10.6
10.7
10.8
10.9
11.0
11.1
11.2
N = 1000 Bandwidth = 0.02173

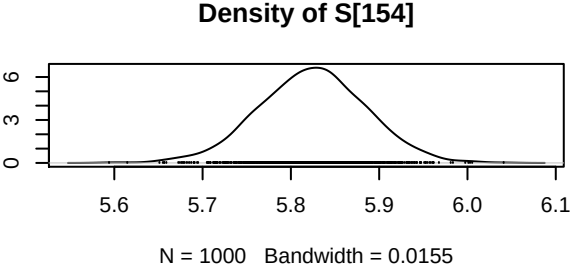

Trace of S[152]
8.4
8.7
10000
15000
20000
25000
30000
Iterations

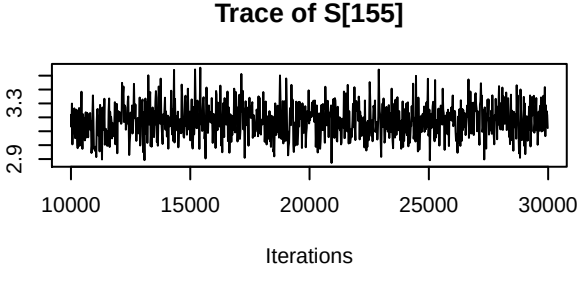

Density of S[152]
0
2
4
8.3
8.4
8.5
8.6
8.7
8.8
N = 1000 Bandwidth = 0.01933

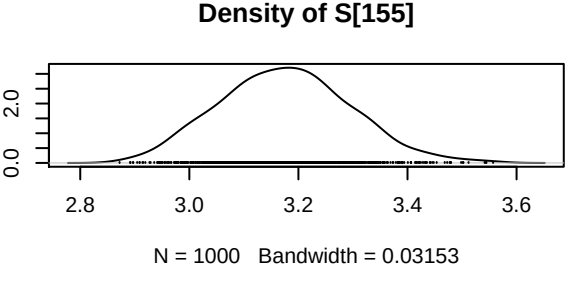

Trace of S[153]
3.6
3.8
10000
15000
20000
25000
30000
Iterations

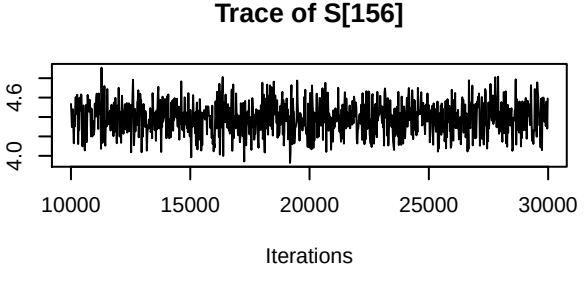

Density of S[153]
0
3
6
3.6
3.7
3.8
3.9
4.0
N = 1000 Bandwidth = 0.01628

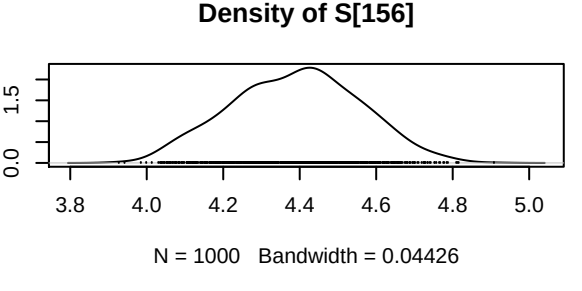

Trace of S[154]
5.6
5.9
10000
15000
20000
25000
30000
Iterations

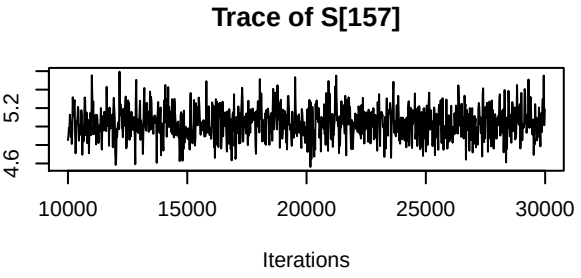

Density of S[154]
0
3
6
5.6
5.7
5.8
5.9
6.0
6.1
N = 1000 Bandwidth = 0.0155

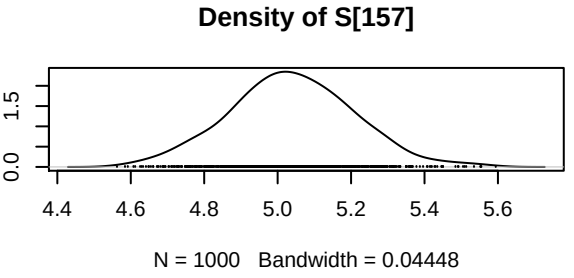

Trace of S[155]
2.9
3.3
10000
15000
20000
25000
30000
Iterations


Density of S[155]
0.0
2.0
2.8
3.0
3.2
3.4
3.6
N = 1000 Bandwidth = 0.03153


Trace of S[156]
4.0
4.6
10000
15000
20000
25000
30000
Iterations


Density of S[156]
0.0
1.5
3.8
4.0
4.2
4.4
4.6
4.8
5.0
N = 1000 Bandwidth = 0.04426


Trace of S[157]
4.6
5.2
10000
15000
20000
25000
30000
Iterations


Density of S[157]
0.0
1.5
4.4
4.6
4.8
5.0
5.2
5.4
5.6
N = 1000 Bandwidth = 0.04448