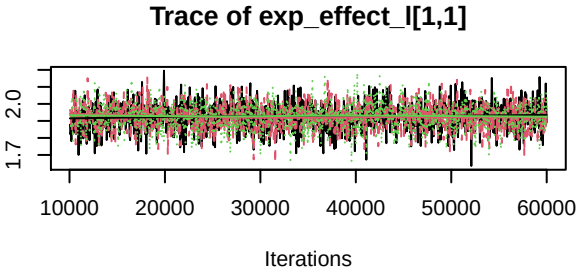
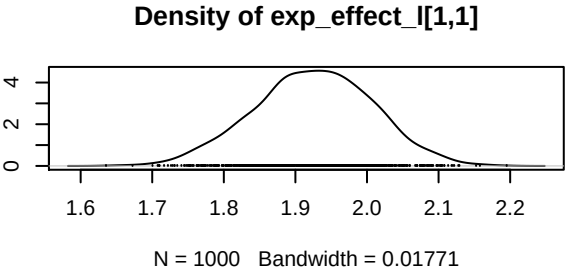
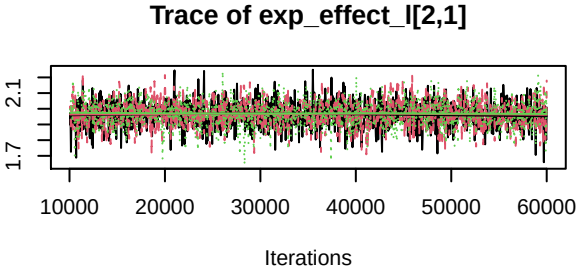
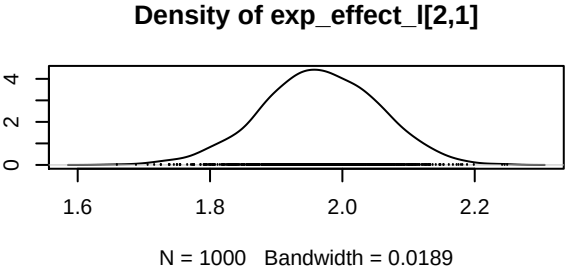
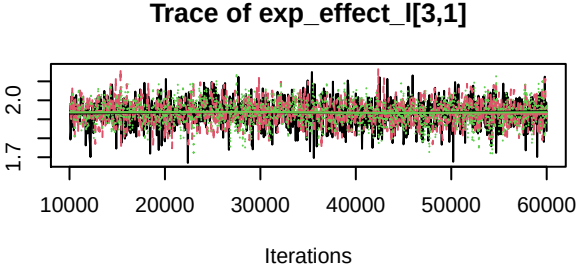
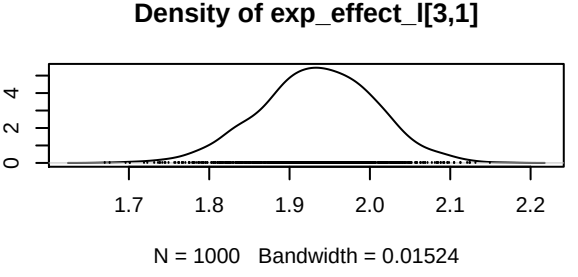

Trace of exp_effect_l[1,1]
1.7
2.0
10000
20000
30000
40000
50000
60000
Iterations

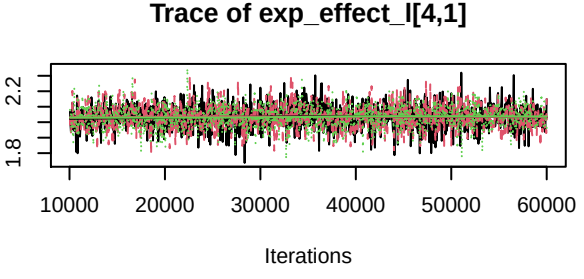

Density of exp_effect_l[1,1]
0
2
4
1.6
1.7
1.8
1.9
2.0
2.1
2.2
N = 1000 Bandwidth = 0.01771

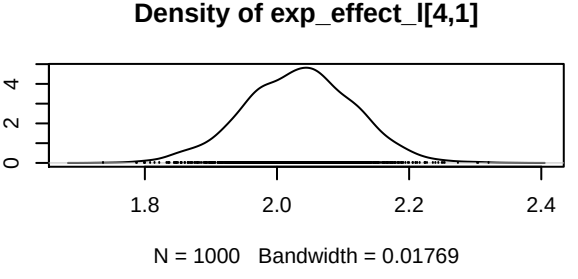

Trace of exp_effect_l[2,1]
1.7
2.1
10000
20000
30000
40000
50000
60000
Iterations

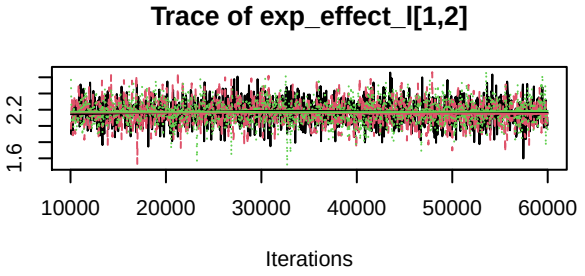

Density of exp_effect_l[2,1]
0
2
4
1.6
1.8
2.0
2.2
N = 1000 Bandwidth = 0.0189

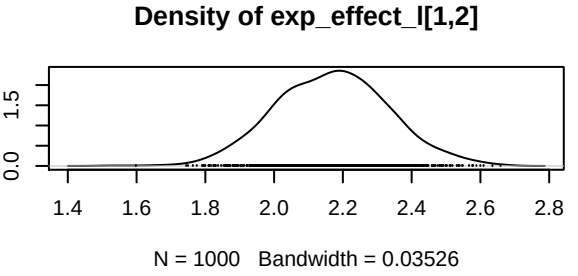

Trace of exp_effect_l[3,1]
1.7
2.0
10000
20000
30000
40000
50000
60000
Iterations

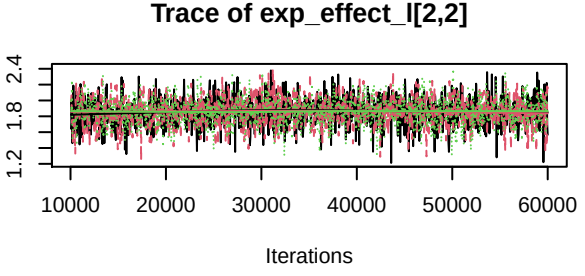

Density of exp_effect_l[3,1]
0
2
4
1.7
1.8
1.9
2.0
2.1
2.2
N = 1000 Bandwidth = 0.01524

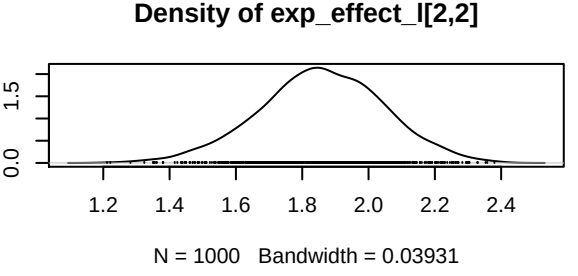

Trace of exp_effect_l[4,1]
1.8
2.2
10000
20000
30000
40000
50000
60000
Iterations

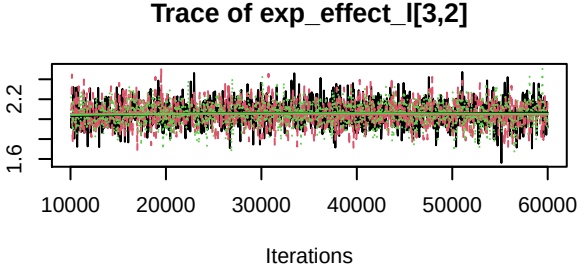

Density of exp_effect_l[4,1]
0
2
4
1.8
2.0
2.2
2.4
N = 1000 Bandwidth = 0.01769

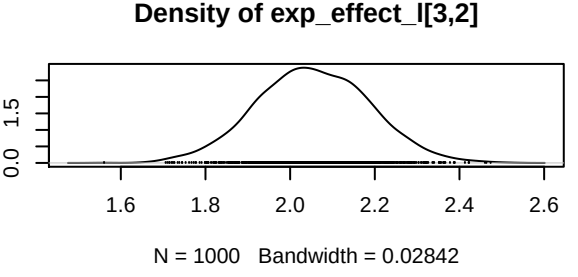

Trace of exp_effect_l[1,2]
1.6
2.2
10000
20000
30000
40000
50000
60000
Iterations

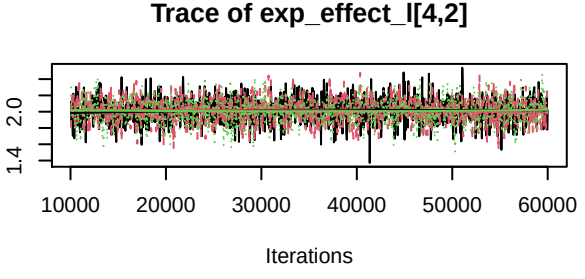

Density of exp_effect_l[1,2]
0.0
1.5
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
N = 1000 Bandwidth = 0.03526

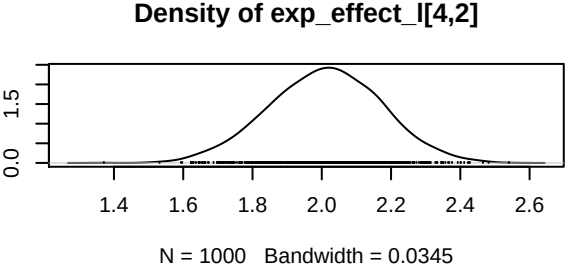

Trace of exp_effect_l[2,2]
1.2
1.8
2.4
10000
20000
30000
40000
50000
60000
Iterations

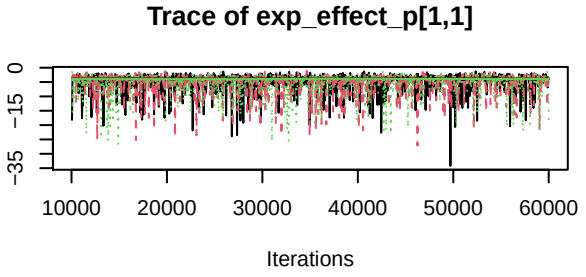

Density of exp_effect_l[2,2]
0.0
1.5
1.2
1.4
1.6
1.8
2.0
2.2
2.4
N = 1000 Bandwidth = 0.03931

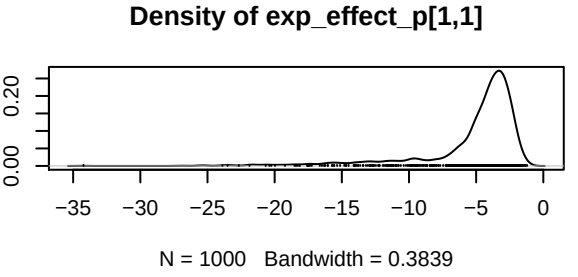

Trace of exp_effect_l[3,2]
1.6
2.2
10000
20000
30000
40000
50000
60000
Iterations

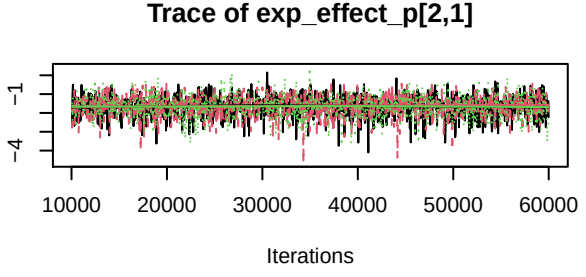

Density of exp_effect_l[3,2]
0.0
1.5
1.6
1.8
2.0
2.2
2.4
2.6
N = 1000 Bandwidth = 0.02842

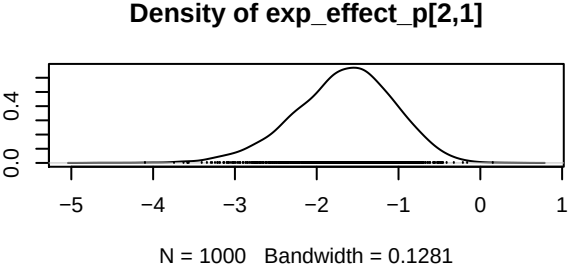

Trace of exp_effect_l[4,2]
1.4
2.0
10000
20000
30000
40000
50000
60000
Iterations

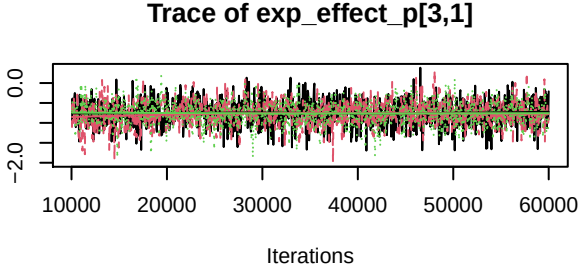

Density of exp_effect_l[4,2]
0.0
1.5
1.4
1.6
1.8
2.0
2.2
2.4
2.6
N = 1000 Bandwidth = 0.0345

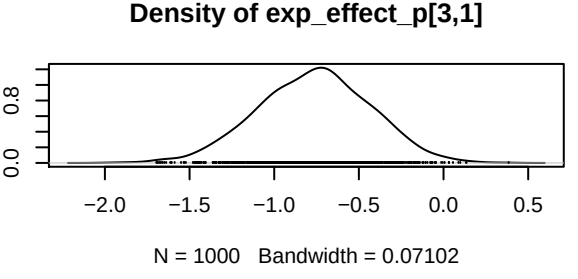

Trace of exp_effect_p[1,1]
0
−15
−35
10000
20000
30000
40000
50000
60000
Iterations

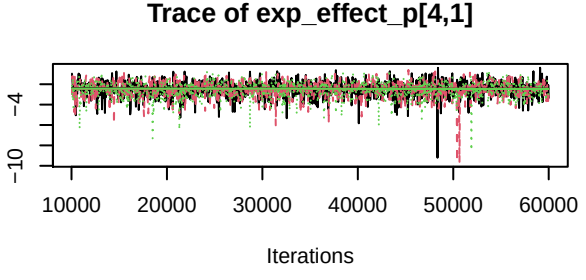

Density of exp_effect_p[1,1]
0.20
0.00
−35
−30
−25
−20
−15
−10
−5
0
N = 1000 Bandwidth = 0.3839

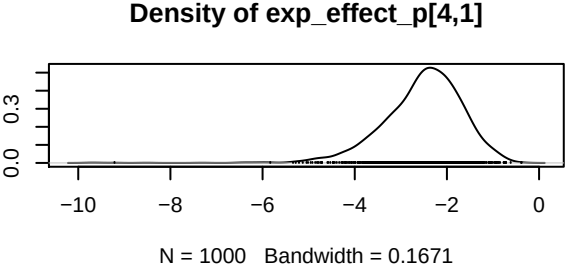

Trace of exp_effect_p[2,1]
−1
−4
10000
20000
30000
40000
50000
60000
Iterations

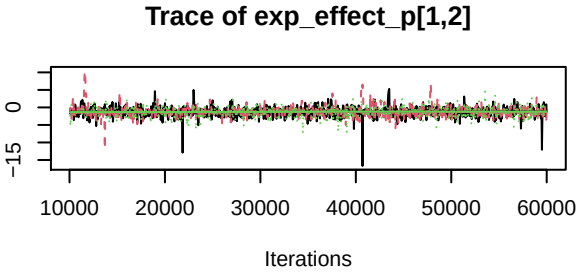

Density of exp_effect_p[2,1]
0.4
0.0
−5
−4
−3
−2
−1
0
1
N = 1000 Bandwidth = 0.1281

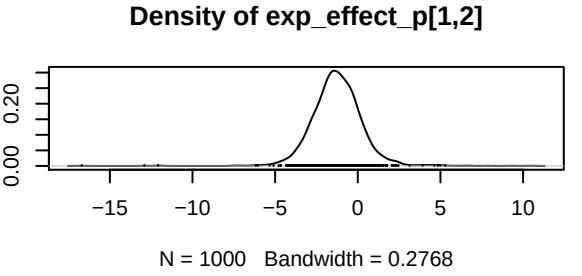

Trace of exp_effect_p[3,1]
0.0
−2.0
10000
20000
30000
40000
50000
60000
Iterations

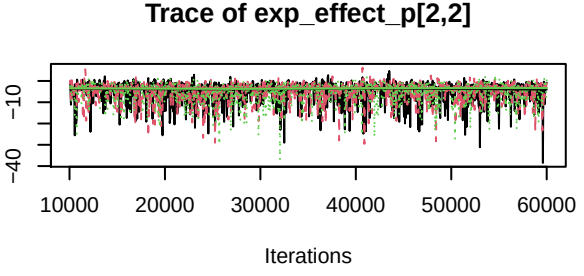

Density of exp_effect_p[3,1]
0.8
0.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
N = 1000 Bandwidth = 0.07102

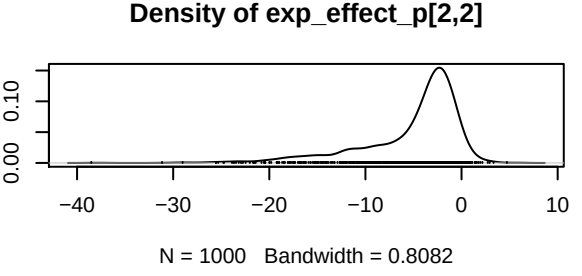

Trace of exp_effect_p[4,1]
−4
−10
10000
20000
30000
40000
50000
60000
Iterations

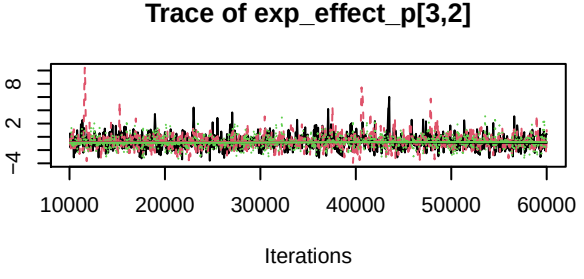

Density of exp_effect_p[4,1]
0.3
0.0
−10
−8
−6
−4
−2
0
N = 1000 Bandwidth = 0.1671

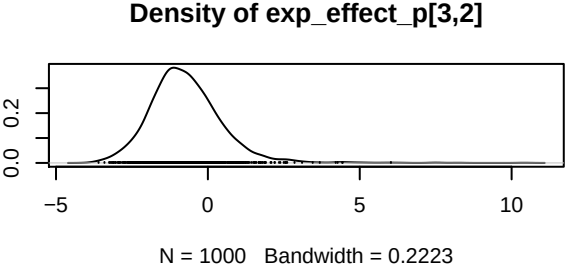

Trace of exp_effect_p[1,2]
−15
0
10000
20000
30000
40000
50000
60000
Iterations

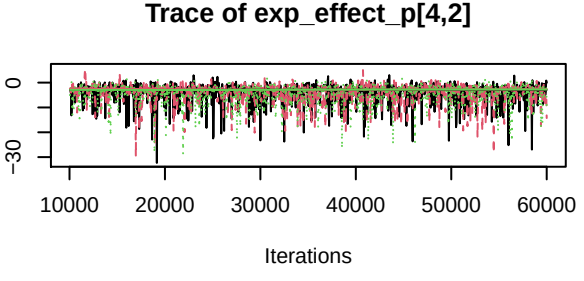

Density of exp_effect_p[1,2]
0.00
0.20
−15
−10
−5
0
5
10
N = 1000 Bandwidth = 0.2768

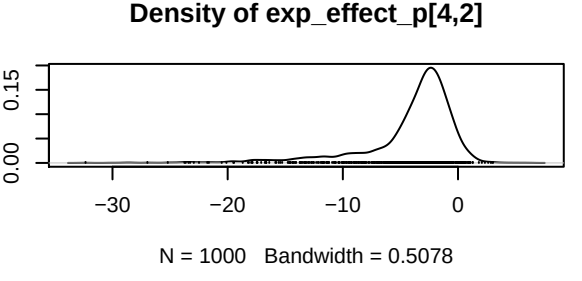

Trace of exp_effect_p[2,2]
−40
−10
10000
20000
30000
40000
50000
60000
Iterations

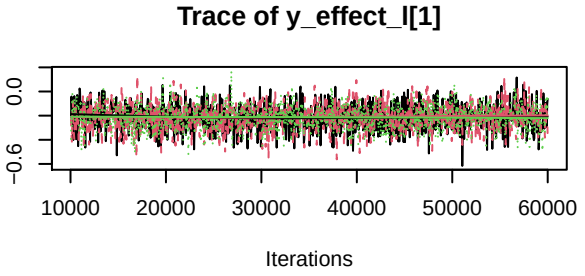

Density of exp_effect_p[2,2]
0.00
0.10
−40
−30
−20
−10
0
10
N = 1000 Bandwidth = 0.8082

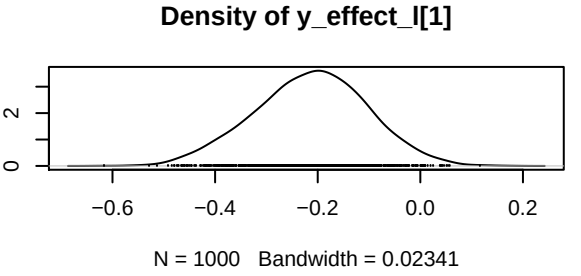

Trace of exp_effect_p[3,2]
−4
2
8
10000
20000
30000
40000
50000
60000
Iterations

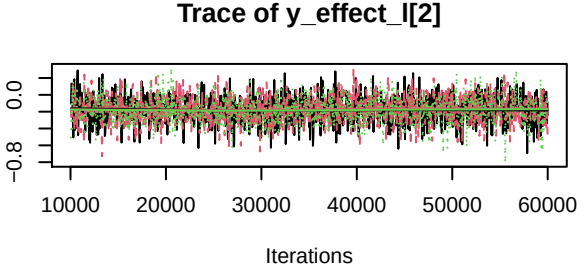

Density of exp_effect_p[3,2]
0.0
0.2
−5
0
5
10
N = 1000 Bandwidth = 0.2223

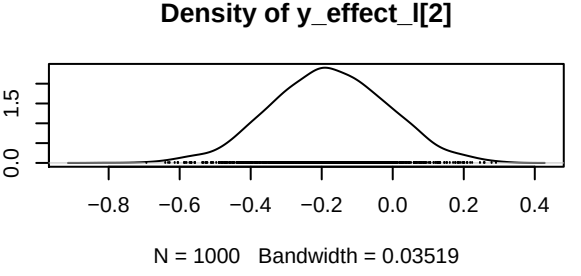

Trace of exp_effect_p[4,2]
−30
0
10000
20000
30000
40000
50000
60000
Iterations

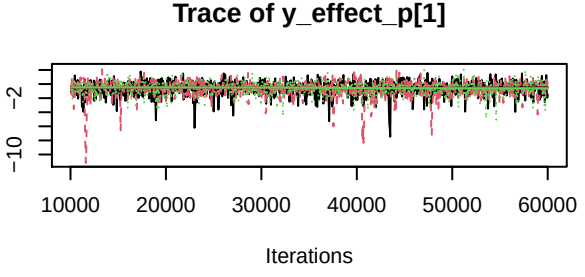

Density of exp_effect_p[4,2]
0.00
0.15
−30
−20
−10
0
N = 1000 Bandwidth = 0.5078

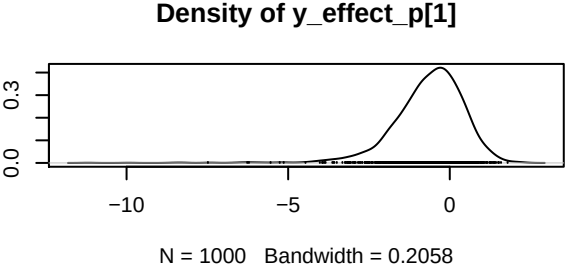

Trace of y_effect_l[1]
0.0
−0.6
10000
20000
30000
40000
50000
60000
Iterations

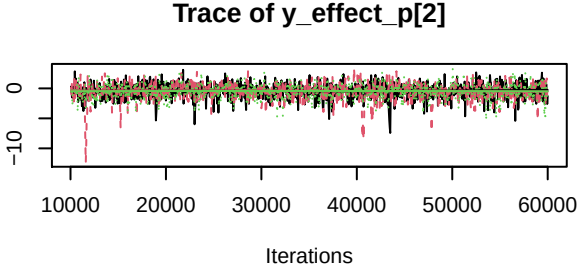

Density of y_effect_l[1]
2
0
−0.6
−0.4
−0.2
0.0
0.2
N = 1000 Bandwidth = 0.02341

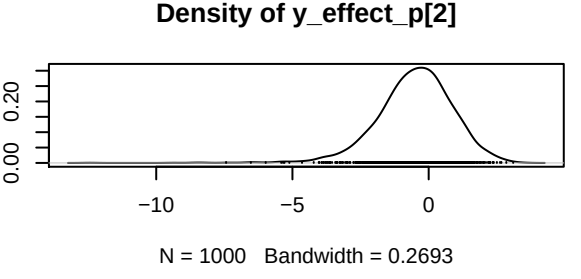

Trace of y_effect_l[2]
0.0
−0.8
10000
20000
30000
40000
50000
60000
Iterations

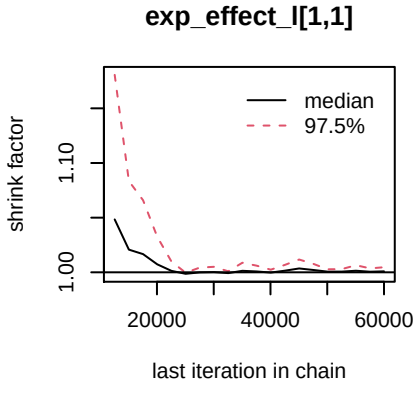

Density of y_effect_l[2]
1.5
0.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
N = 1000 Bandwidth = 0.03519

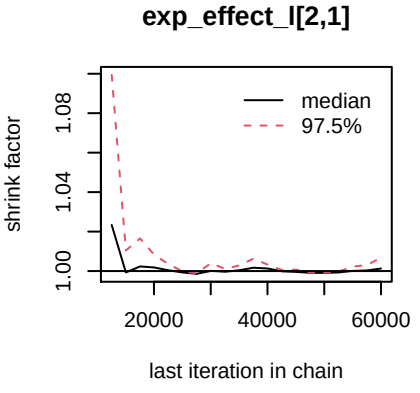

Trace of y_effect_p[1]
−2
−10
10000
20000
30000
40000
50000
60000
Iterations

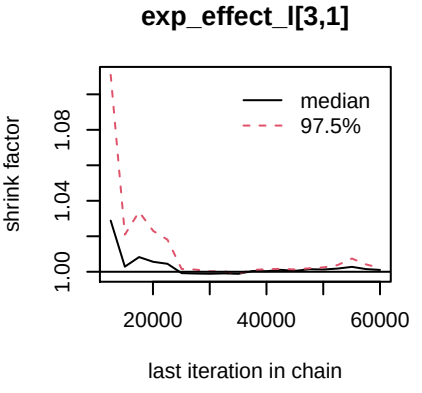

Density of y_effect_p[1]
0.3
0.0
−10
−5
0
N = 1000 Bandwidth = 0.2058

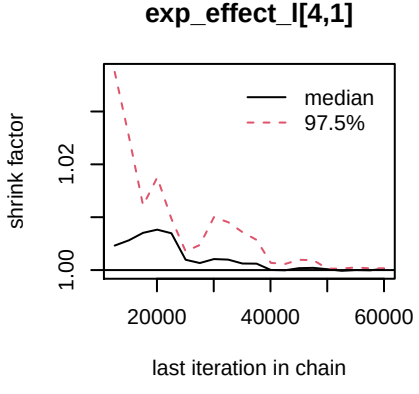

Trace of y_effect_p[2]
0
−10
10000
20000
30000
40000
50000
60000
Iterations

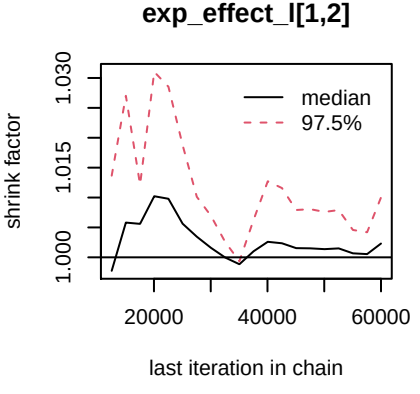

Density of y_effect_p[2]
0.20
0.00
−10
−5
0
N = 1000 Bandwidth = 0.2693

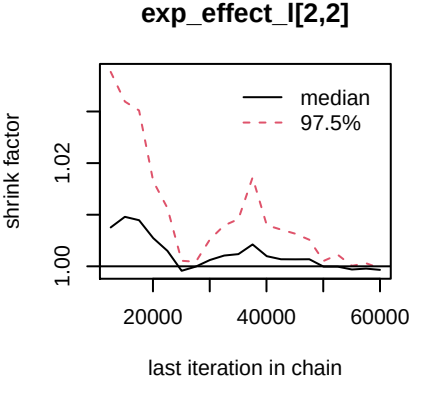

exp_effect_l[1,1]
median
97.5%
shrink factor
1.00
1.10
20000
40000
60000
last iteration in chain

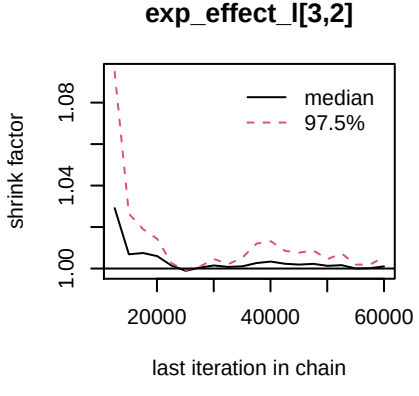

exp_effect_l[2,1]
median
97.5%
shrink factor
1.00
1.04
1.08
20000
40000
60000
last iteration in chain

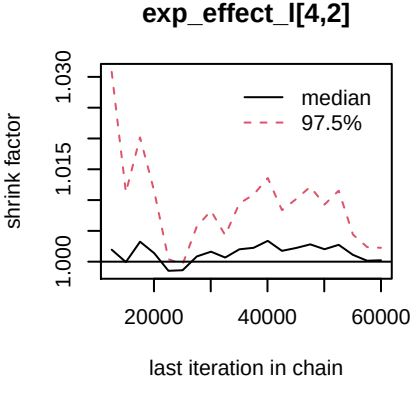

exp_effect_l[3,1]
median
97.5%
shrink factor
1.00
1.04
1.08
20000
40000
60000
last iteration in chain


exp_effect_l[4,1]
median
97.5%
shrink factor
1.00
1.02
20000
40000
60000
last iteration in chain


exp_effect_l[1,2]
median
97.5%
shrink factor
1.000
1.015
1.030
20000
40000
60000
last iteration in chain


exp_effect_l[2,2]
median
97.5%
shrink factor
1.00
1.02
20000
40000
60000
last iteration in chain


exp_effect_l[3,2]
median
97.5%
shrink factor
1.00
1.04
1.08
20000
40000
60000
last iteration in chain


exp_effect_l[4,2]
median
97.5%
shrink factor
1.000
1.015
1.030
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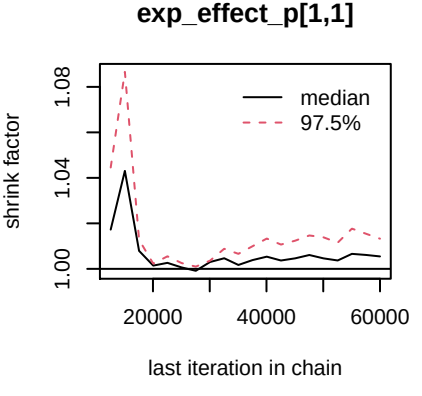
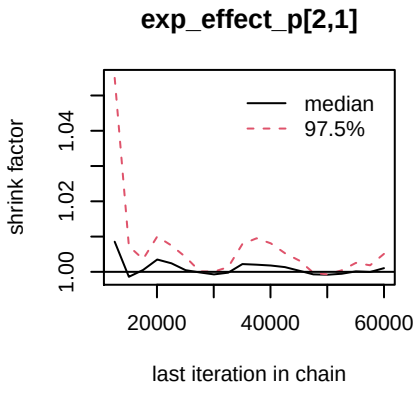
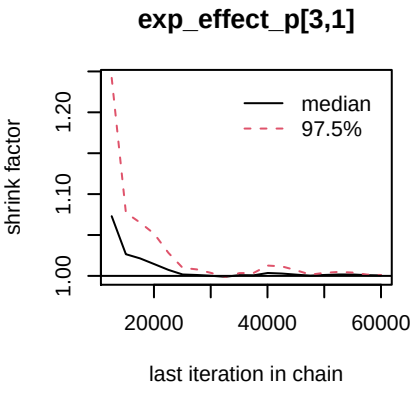
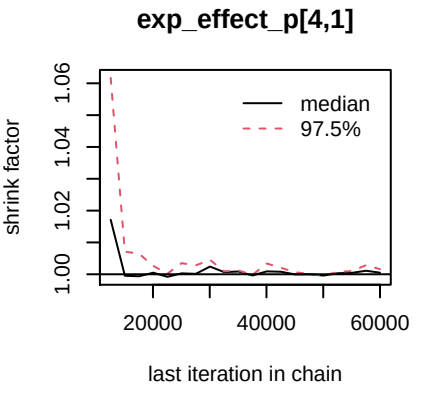
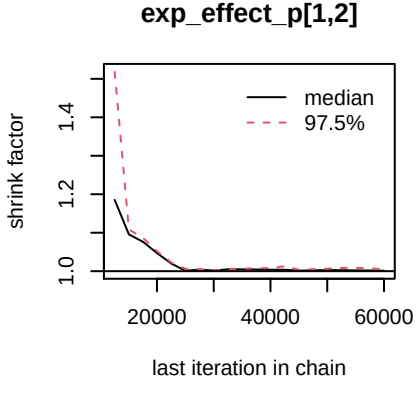
60000
last iteration in chain

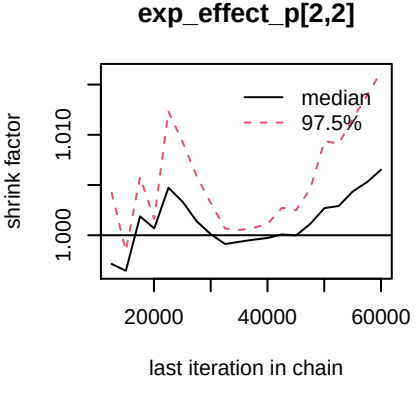

exp_effect_p[1,1]
median
97.5%
shrink factor
1.00
1.04
1.08
20000
40000
60000
last iteration in chain

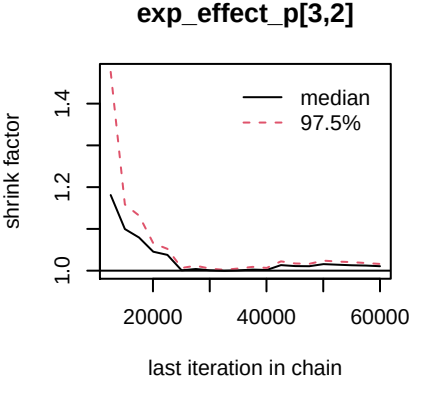

exp_effect_p[2,1]
median
97.5%
shrink factor
1.00
1.02
1.04
20000
40000
60000
last iteration in chain

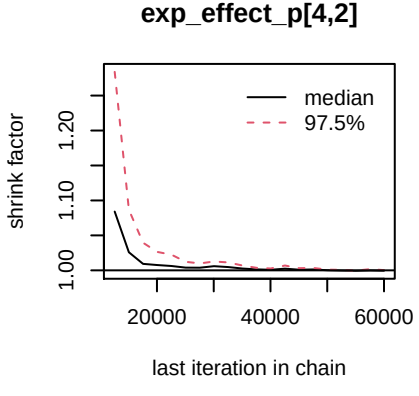

exp_effect_p[3,1]
median
97.5%
shrink factor
1.00
1.10
1.20
20000
40000
60000
last iteration in chain

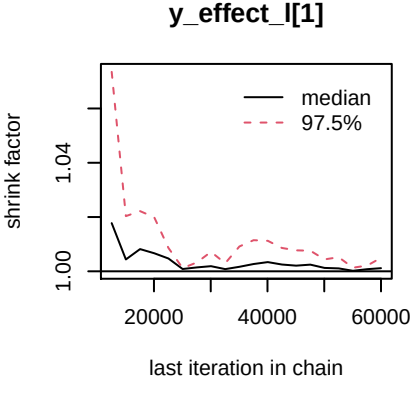

exp_effect_p[4,1]
median
97.5%
shrink factor
1.00
1.02
1.04
1.06
20000
40000
60000
last iteration in chain

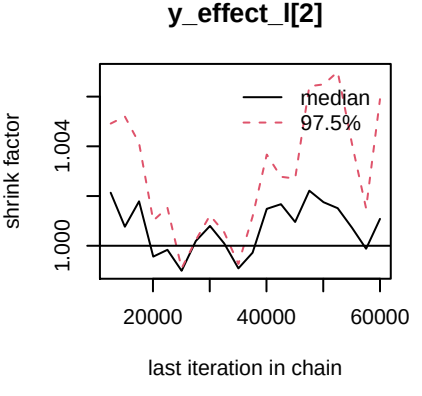

exp_effect_p[1,2]
median
97.5%
shrink factor
1.0
1.2
1.4
20000
40000
60000
last iteration in chain

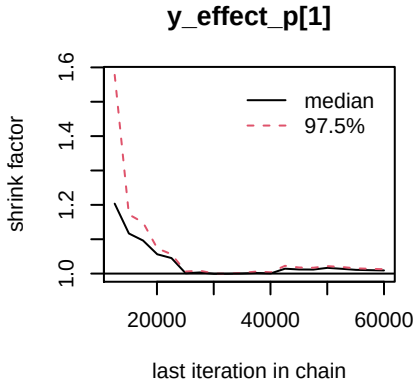

exp_effect_p[2,2]
median
97.5%
shrink factor
1.000
1.010
20000
40000
60000
last iteration in chain

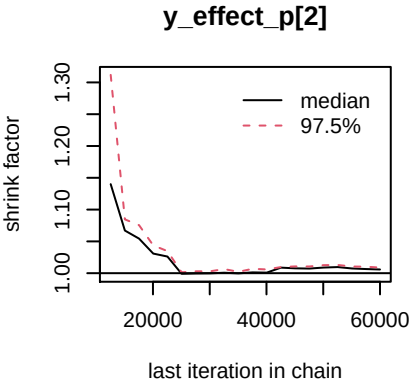

exp_effect_p[3,2]
median
97.5%
shrink factor
1.0
1.2
1.4
20000
40000
60000
last iteration in chain


exp_effect_p[4,2]
median
97.5%
shrink factor
1.00
1.10
1.20
20000
40000
60000
last iteration in chain


y_effect_l[1]
median
97.5%
shrink factor
1.00
1.04
20000
40000
60000
last iteration in chain


y_effect_l[2]
median
97.5%
shrink factor
1.000
1.004
20000
40000
60000
last iteration in chain


y_effect_p[1]
shrink factor
1.0
1.2
1.4
1.6
median
97.5%
20000
40000
60000
last iteration in chain


y_effect_p[2]
shrink factor
1.00
1.10
1.20
1.30
median
97.5%
20000
40000
60000
last iteration in chain