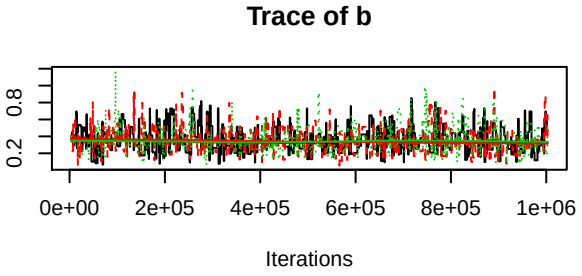
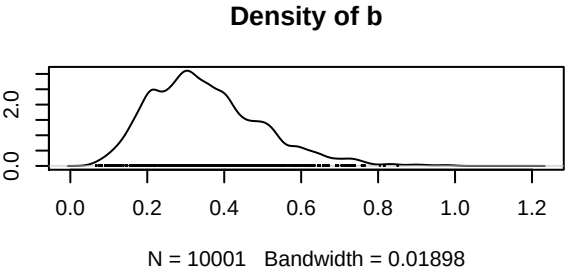
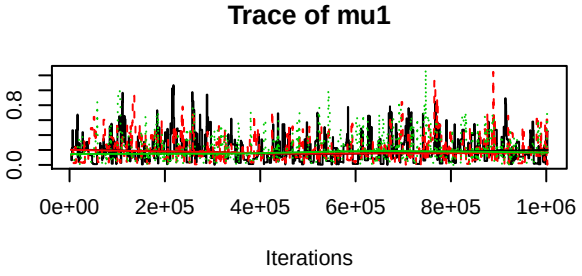
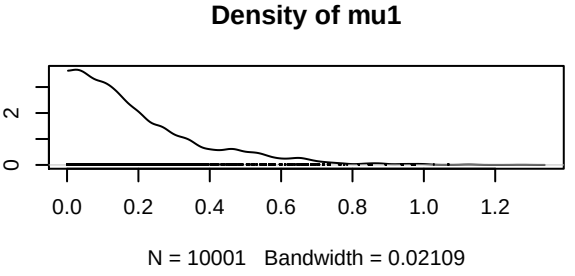
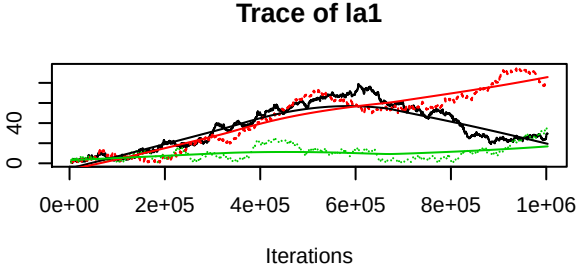
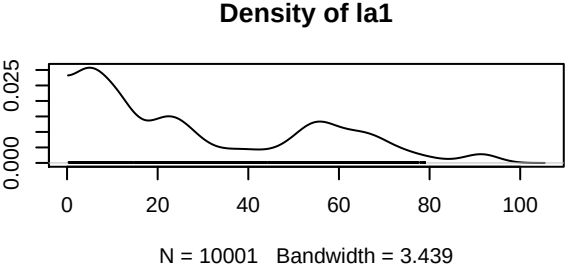

Trace of b
0.2
0.8
0e+00
2e+05
4e+05
6e+05
8e+05
1e+06
Iterations

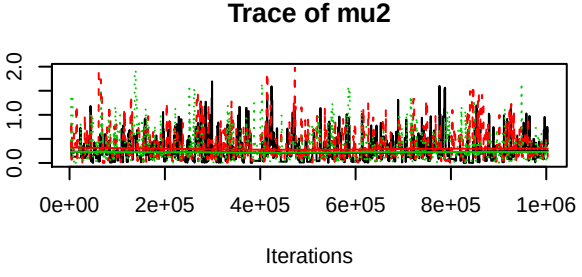

Density of b
0.0
2.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 10001 Bandwidth = 0.01898

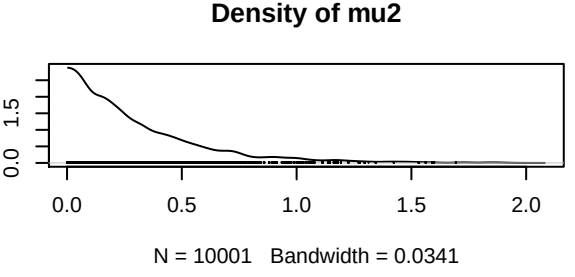

Trace of mu1
0.0
0.8
0e+00
2e+05
4e+05
6e+05
8e+05
1e+06
Iterations

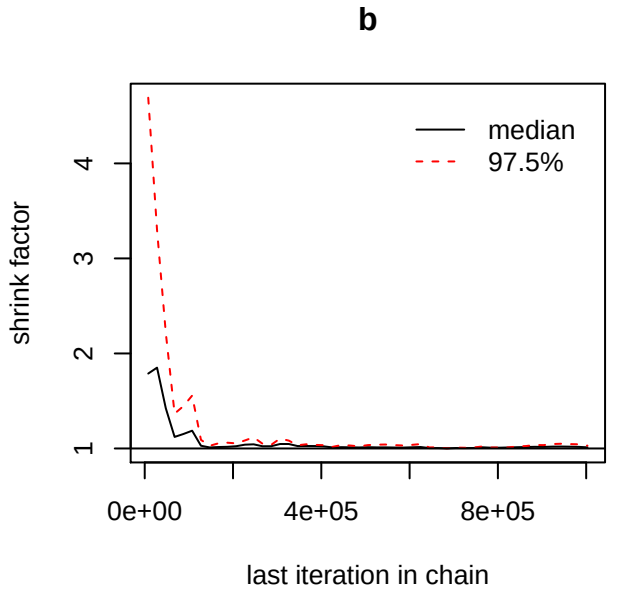

Density of mu1
0
2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 10001 Bandwidth = 0.02109

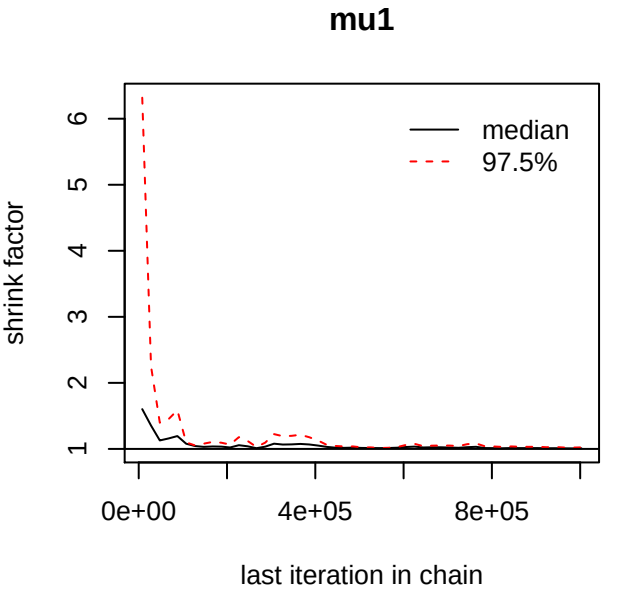

Trace of la1
0
40
0e+00
2e+05
4e+05
6e+05
8e+05
1e+06
Iterations

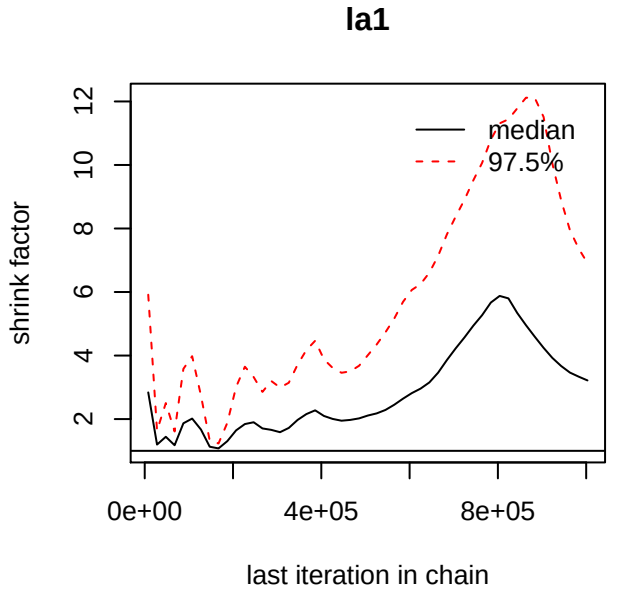

Density of la1
0.000
0.025
0
20
40
60
80
100
N = 10001 Bandwidth = 3.439

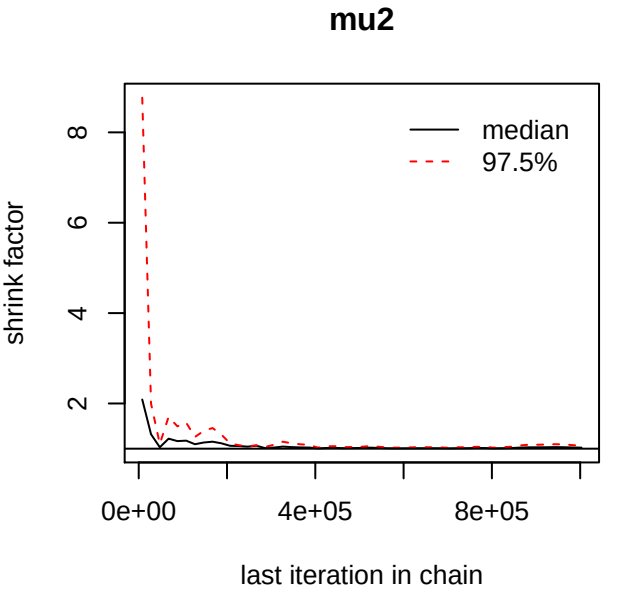

Trace of mu2
0.0
1.0
2.0
0e+00
2e+05
4e+05
6e+05
8e+05
1e+06
Iterations


Density of mu2
0.0
1.5
0.0
0.5
1.0
1.5
2.0
N = 10001 Bandwidth = 0.0341


b
median
97.5%
shrink factor
1
2
3
4
0e+00
4e+05
8e+05
last iteration in chain


mu1
median
97.5%
shrink factor
1
2
3
4
5
6
0e+00
4e+05
8e+05
last iteration in chain


la1
median
97.5%
shrink factor
2
4
6
8
10
12
0e+00
4e+05
8e+05
last iteration in chain

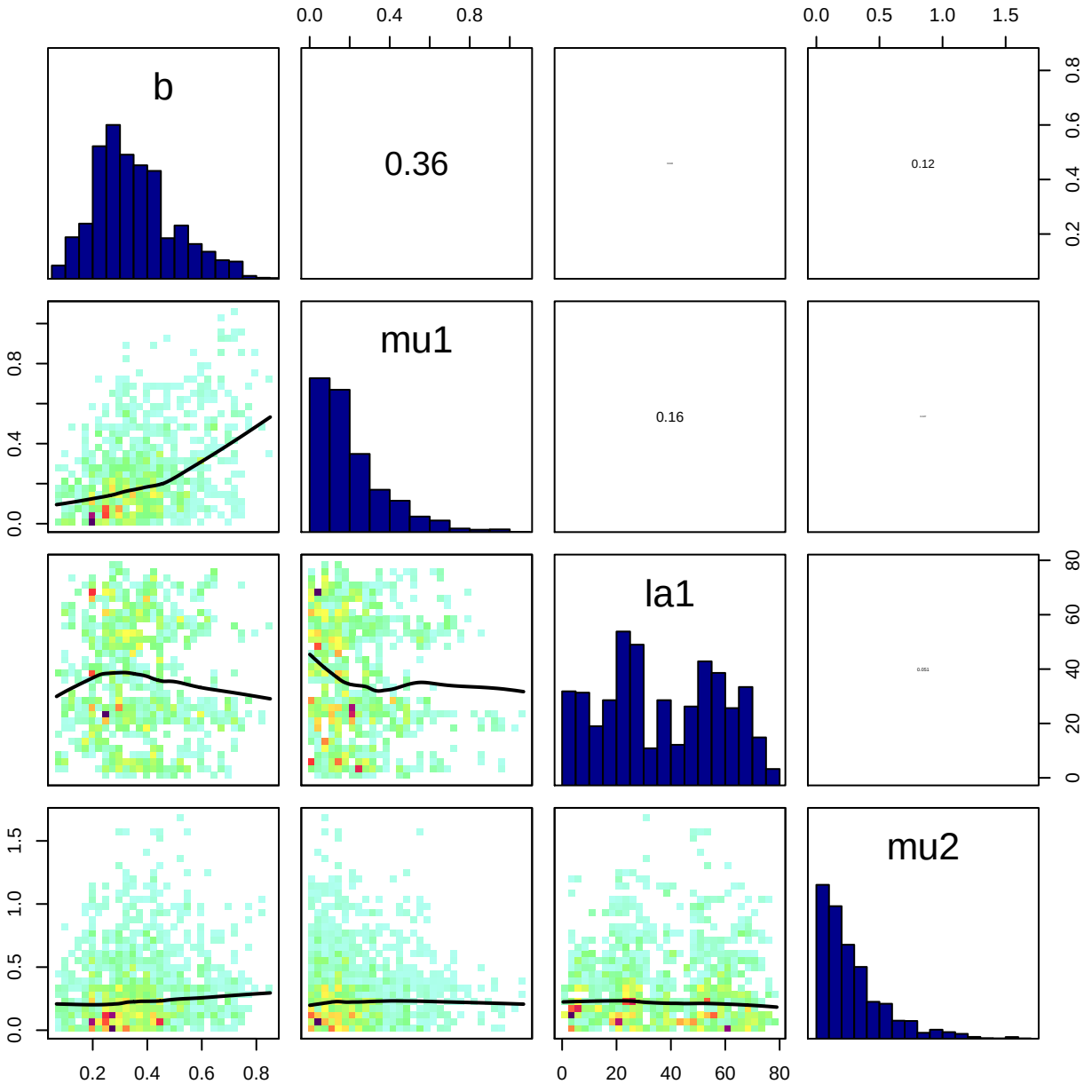

mu2
median
97.5%
shrink factor
2
4
6
8
0e+00
4e+05
8e+05
last iteration in chain

Convergence diagnostics − coda::gelman.diag

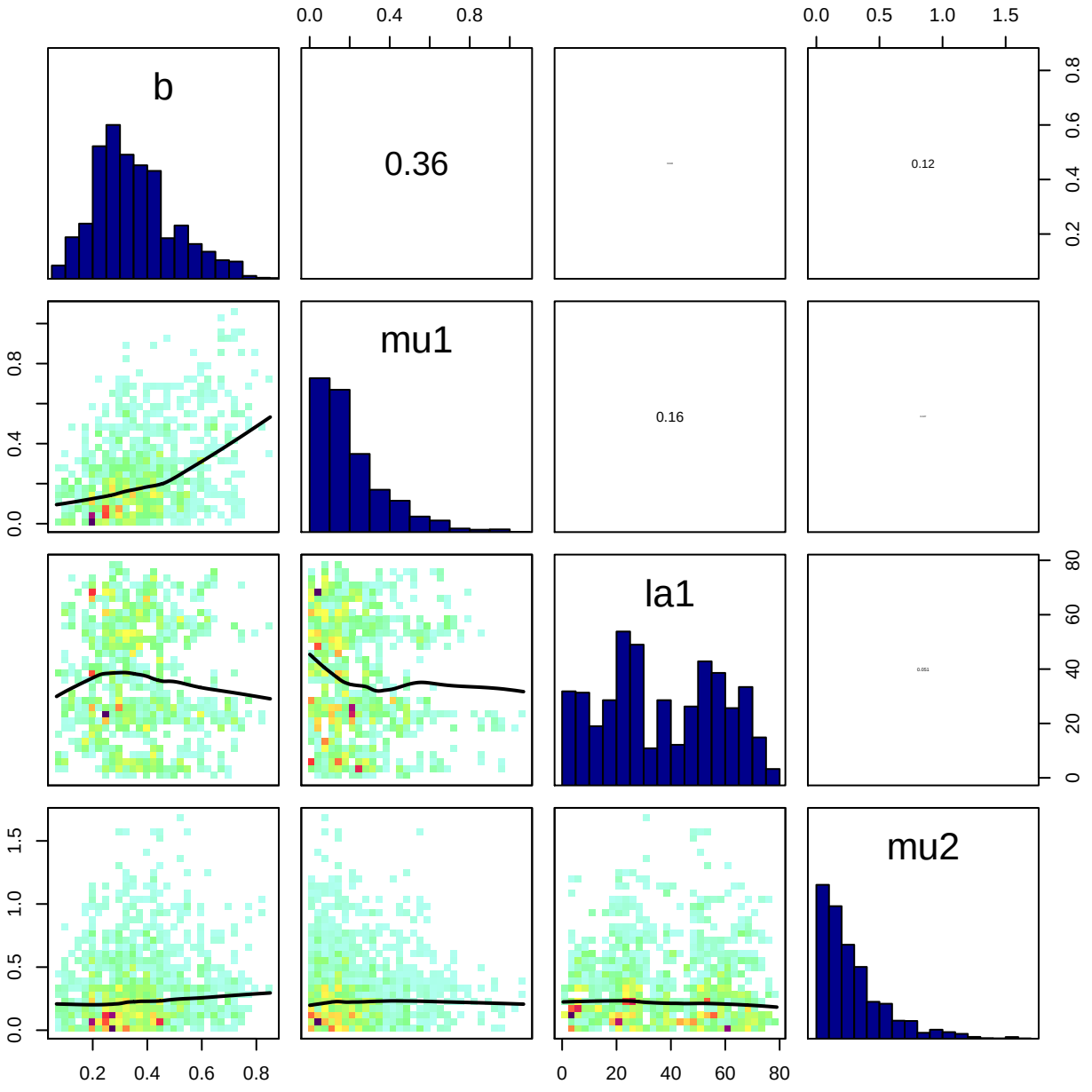
	Point est.	Upper C.I.
b	1.012	1.03
mu1	1.009	1.023
la1	3.216	6.909
mu2	1.023	1.066

Multivariate psrf = 2.549

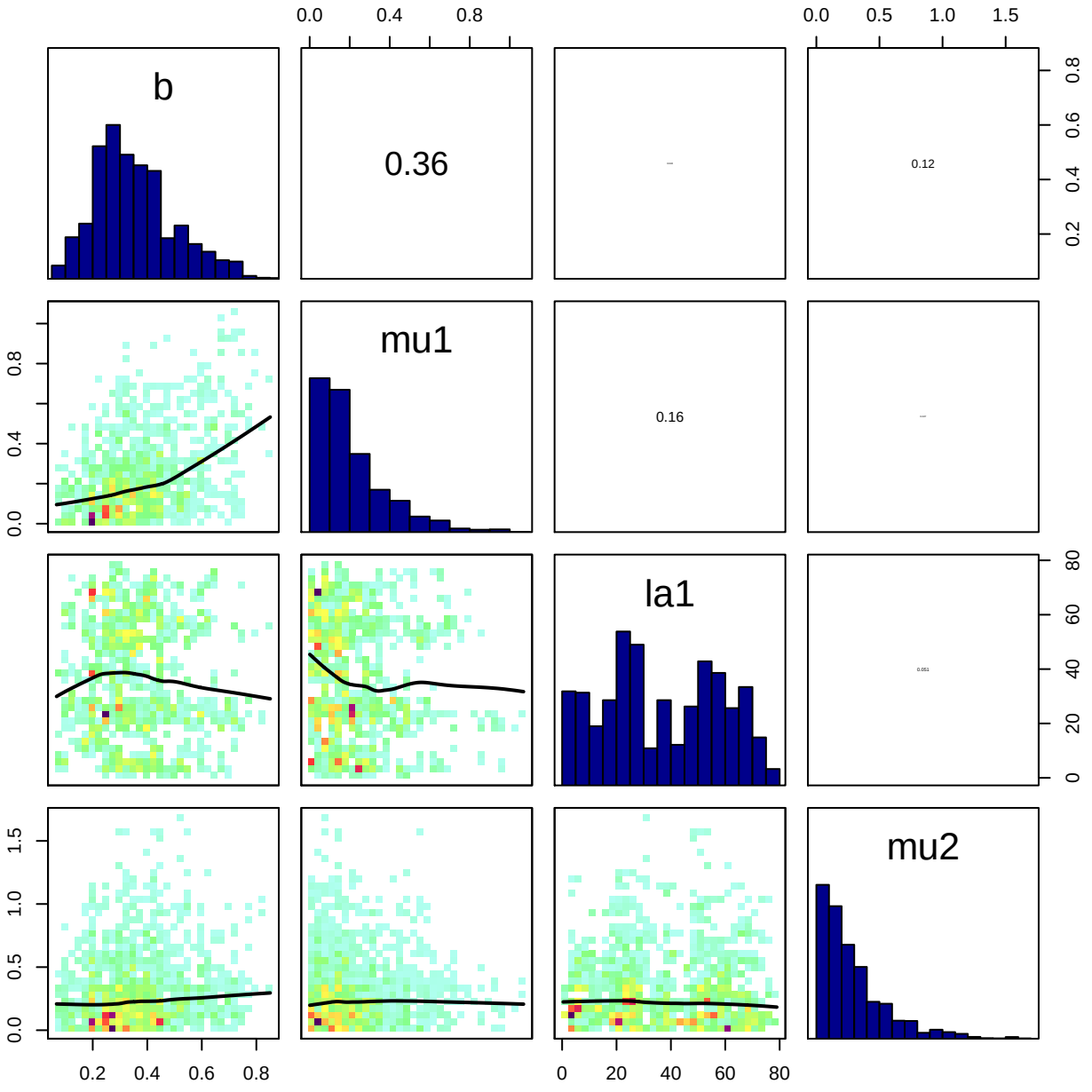
Acceptance ratio = 0.435 0.438 0.434



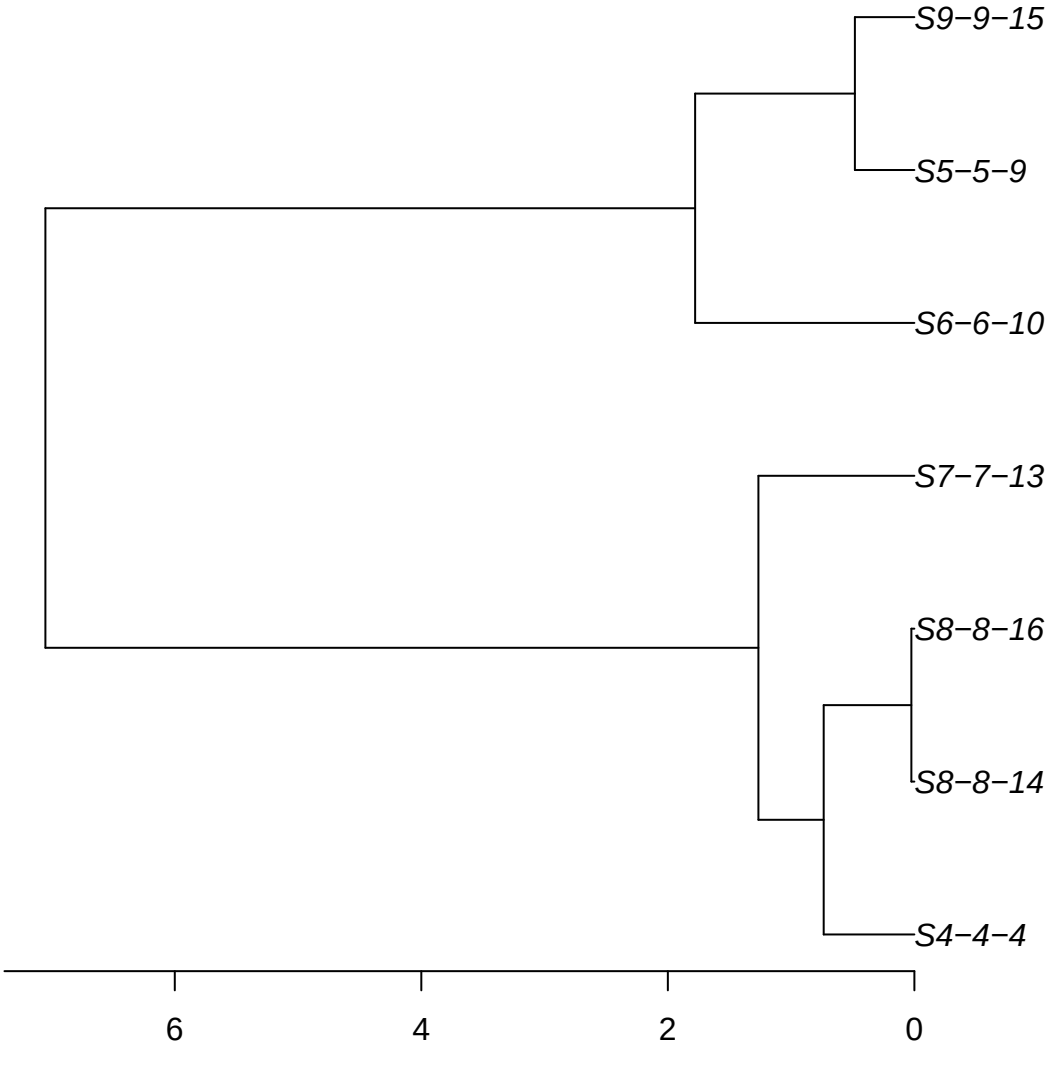
b
0.36
0.12
mu1
0.16
la1
mu2
0.0
0.4
0.8
0.0
0.5
1.0
1.5
0.2
0.4
0.6
0.8
0
20
40
60
80

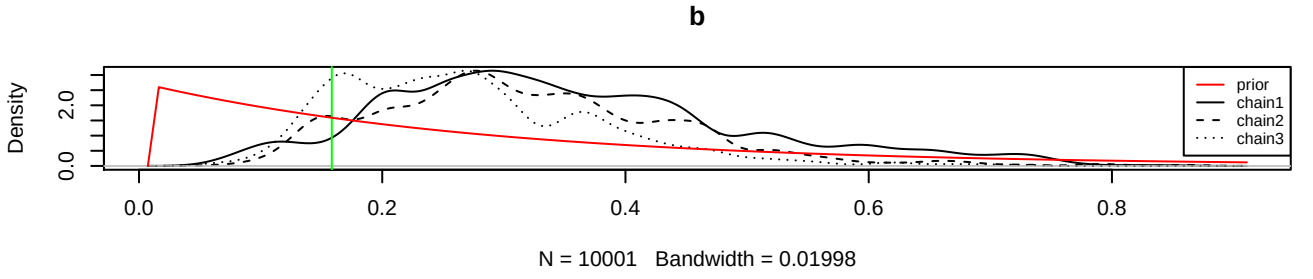


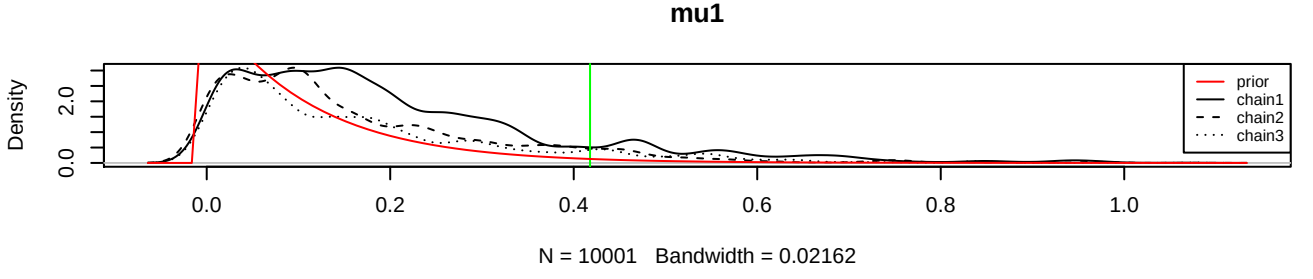
b
0.36
0.12
mu1
0.16
la1
mu2
0.0
0.4
0.8
0.0
0.5
1.0
1.5
0.2
0.4
0.6
0.8
0
20
40
60
80

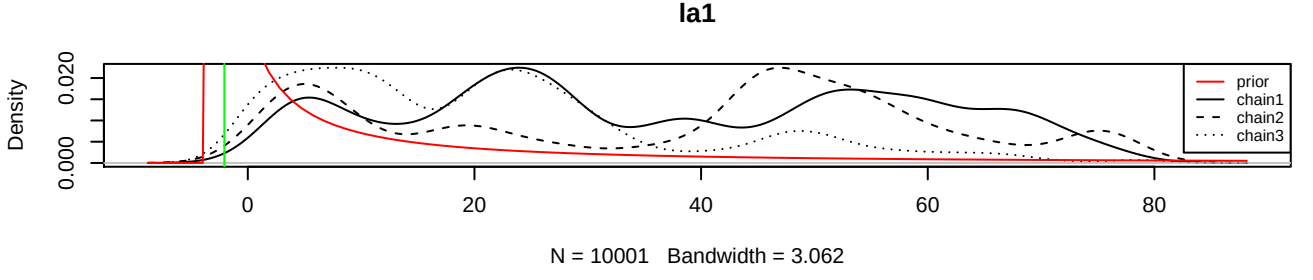


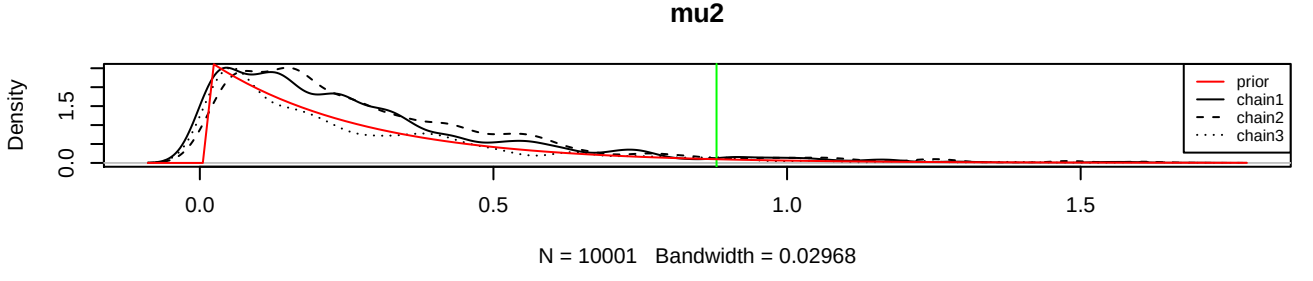
b
0.36
0.12
mu1
0.16
la1
mu2
0.0
0.4
0.8
0.0
0.5
1.0
1.5
0.2
0.4
0.6
0.8
0
20
40
60
80


S9−9−15
S5−5−9
S6−6−10
S7−7−13
S8−8−16
S8−8−14
S4−4−4
6
4
2
0


b
Density
0.0
2.0
prior
chain1
chain2
chain3
0.0
0.2
0.4
0.6
0.8
N = 10001 Bandwidth = 0.01998


mu1
Density
0.0
2.0
prior
chain1
chain2
chain3
0.0
0.2
0.4
0.6
0.8
1.0
N = 10001 Bandwidth = 0.02162


la1
Density
0.000
0.020
prior
chain1
chain2
chain3
0
20
40
60
80
N = 10001 Bandwidth = 3.062


mu2
Density
0.0
1.5
prior
chain1
chain2
chain3
0.0
0.5
1.0
1.5
N = 10001 Bandwidth = 0.02968