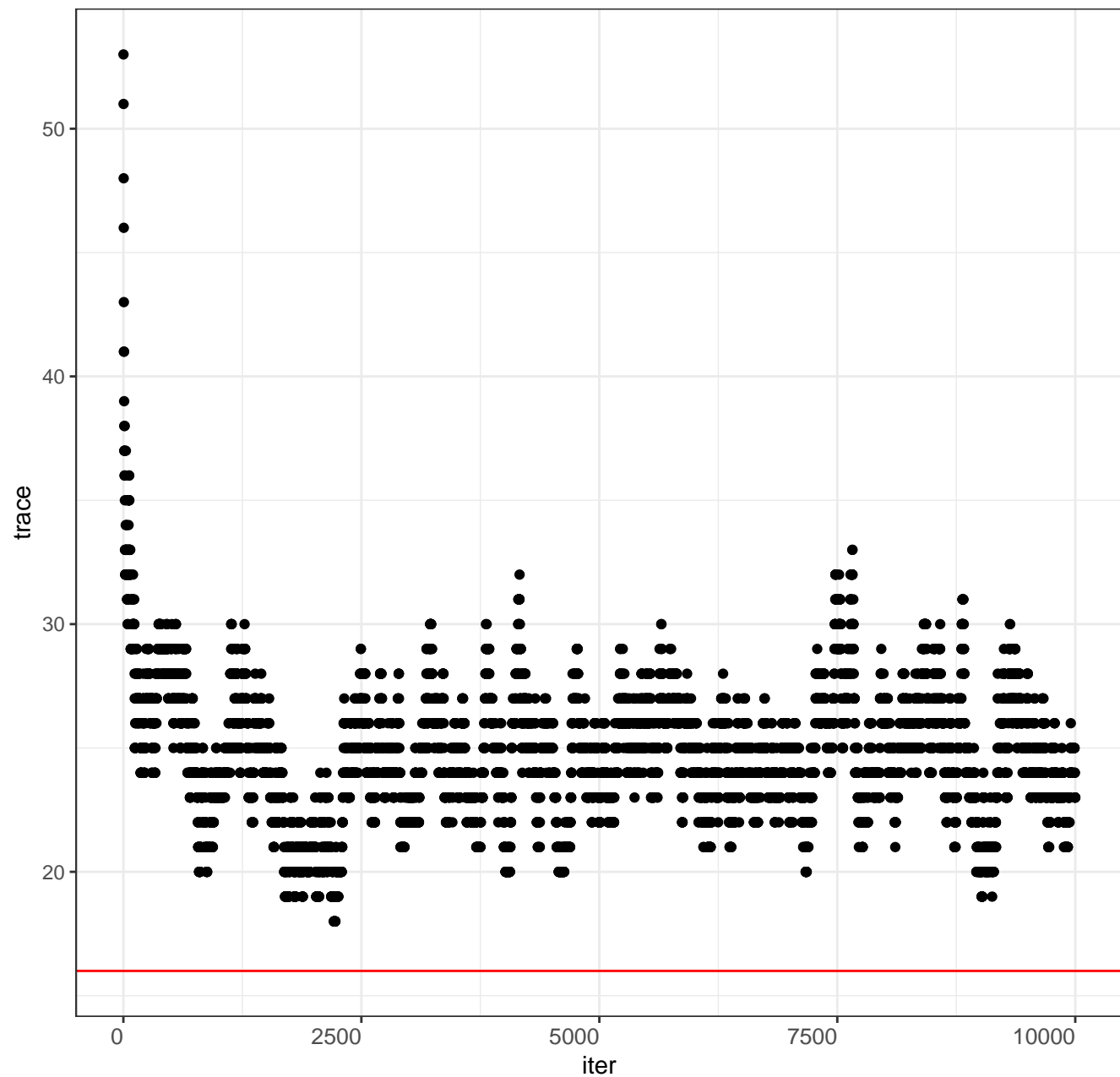
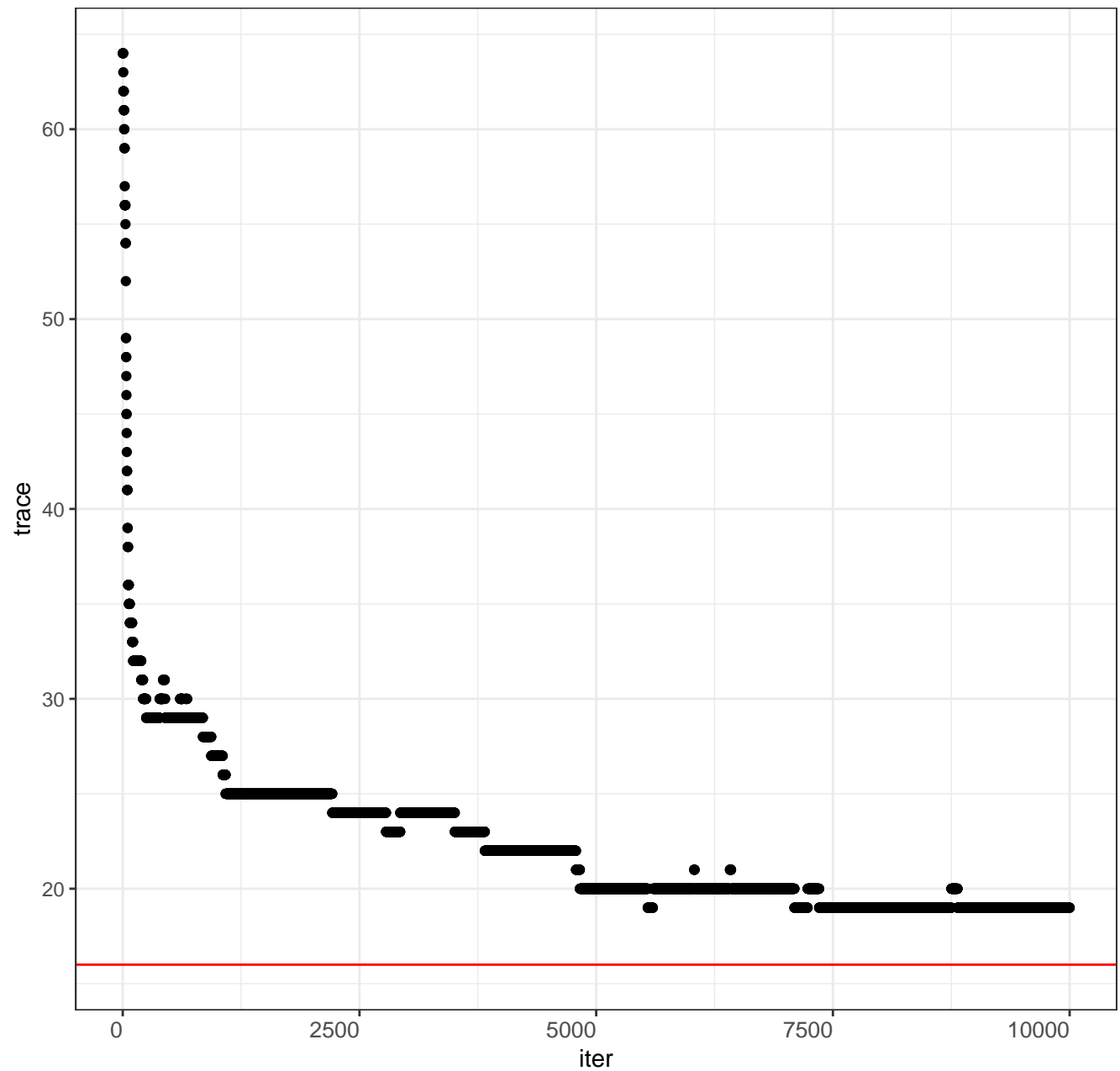


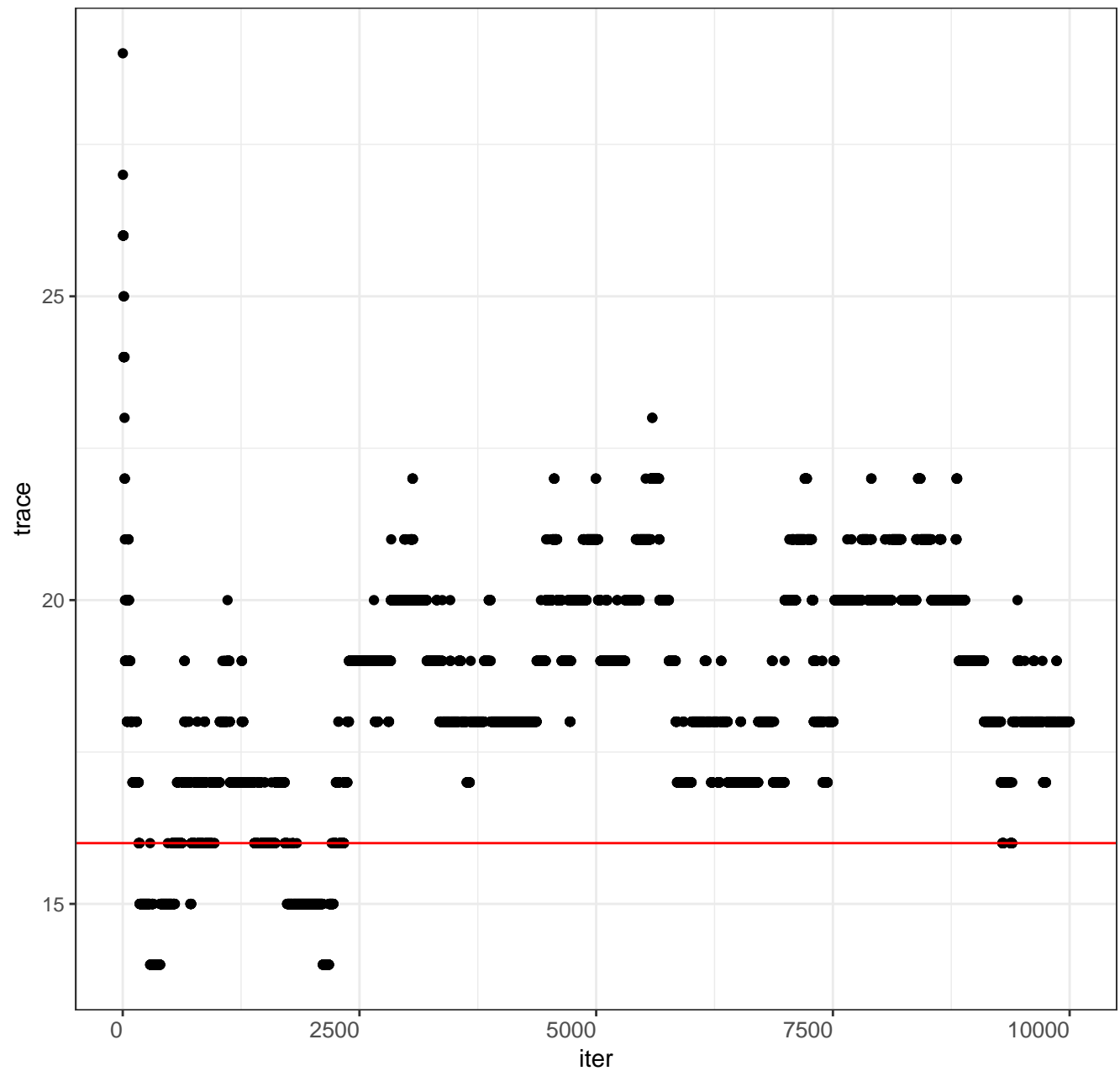
Trace plot for the number of groups



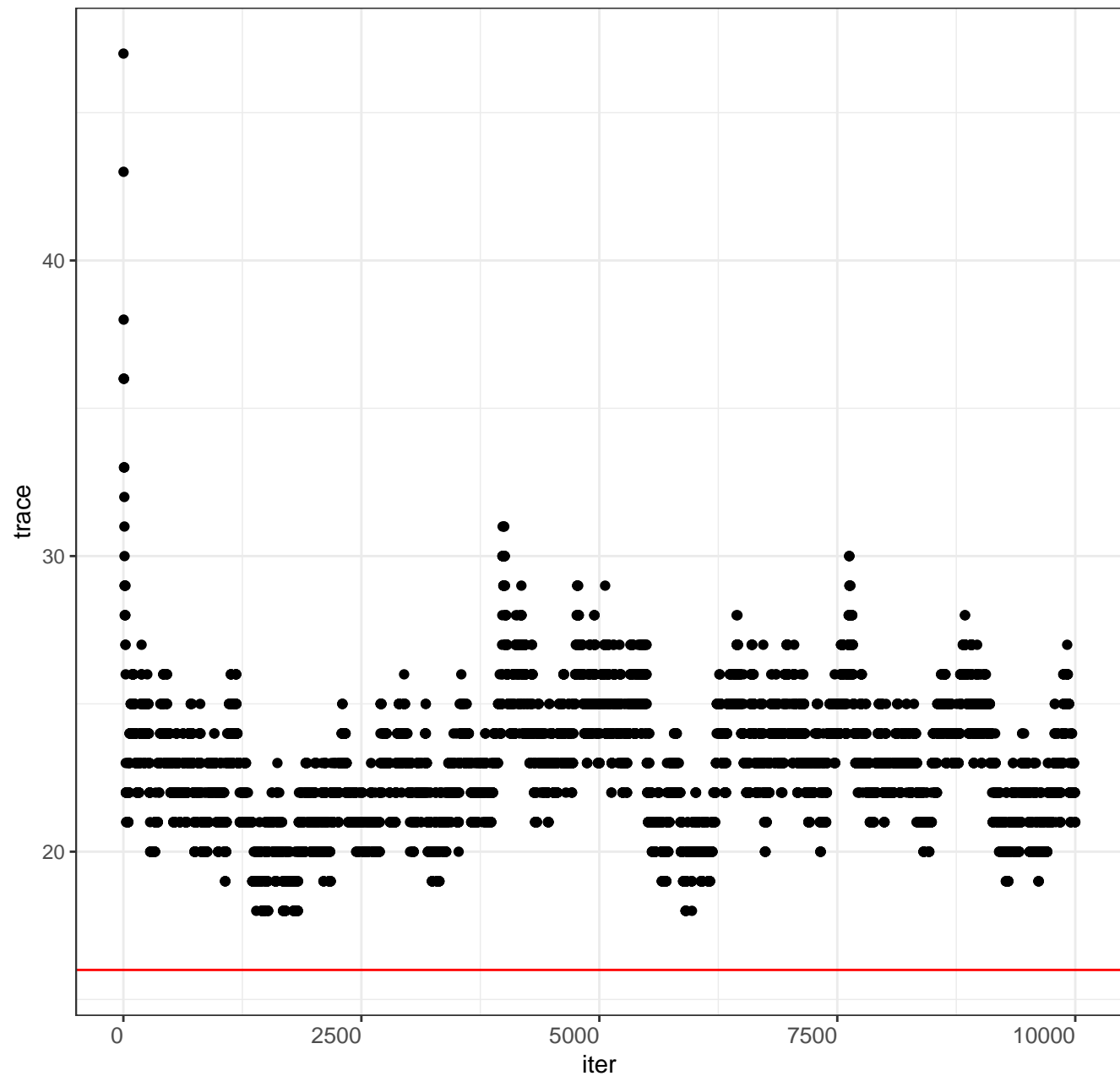
Trace plot for the number of groups

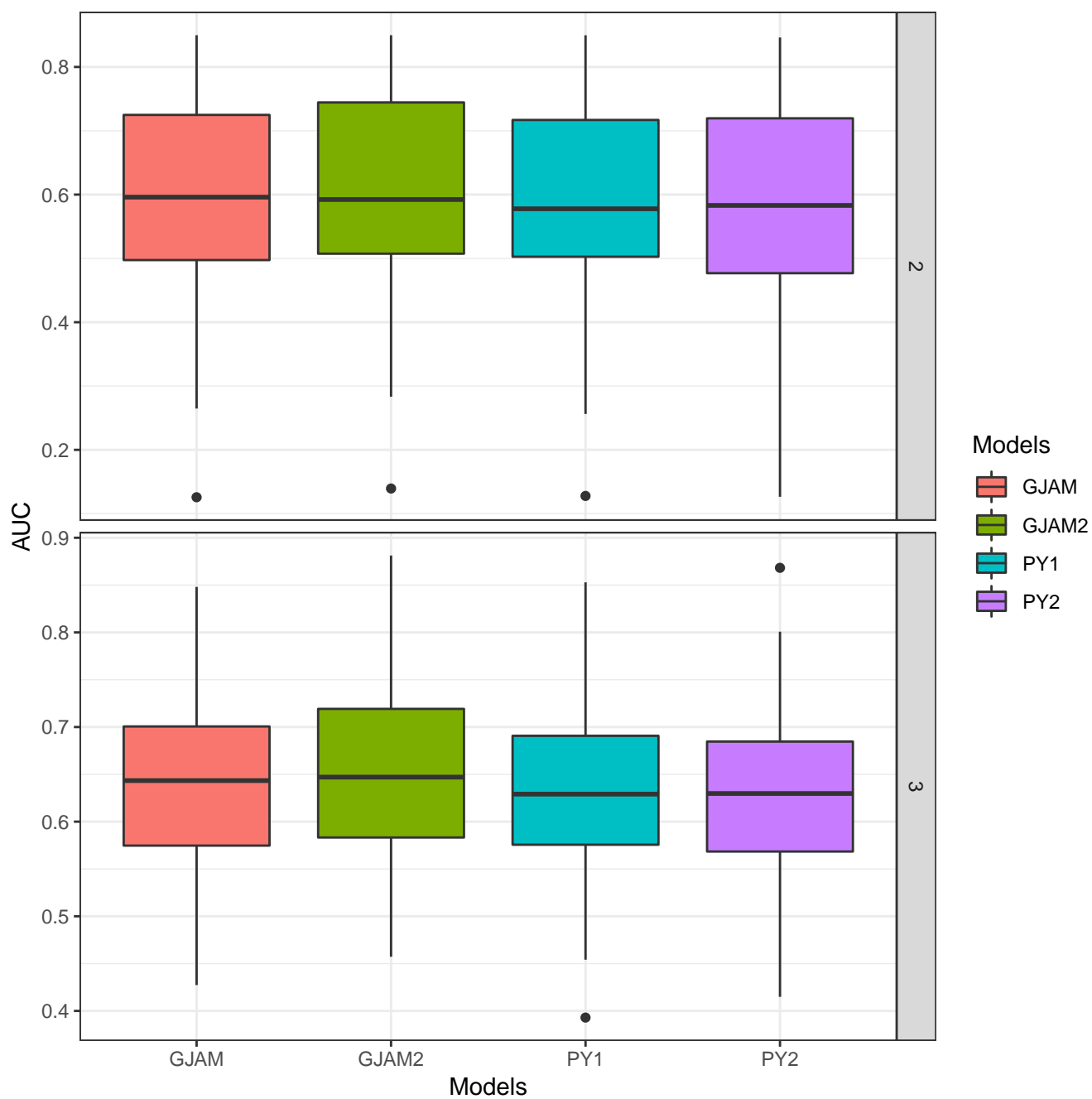


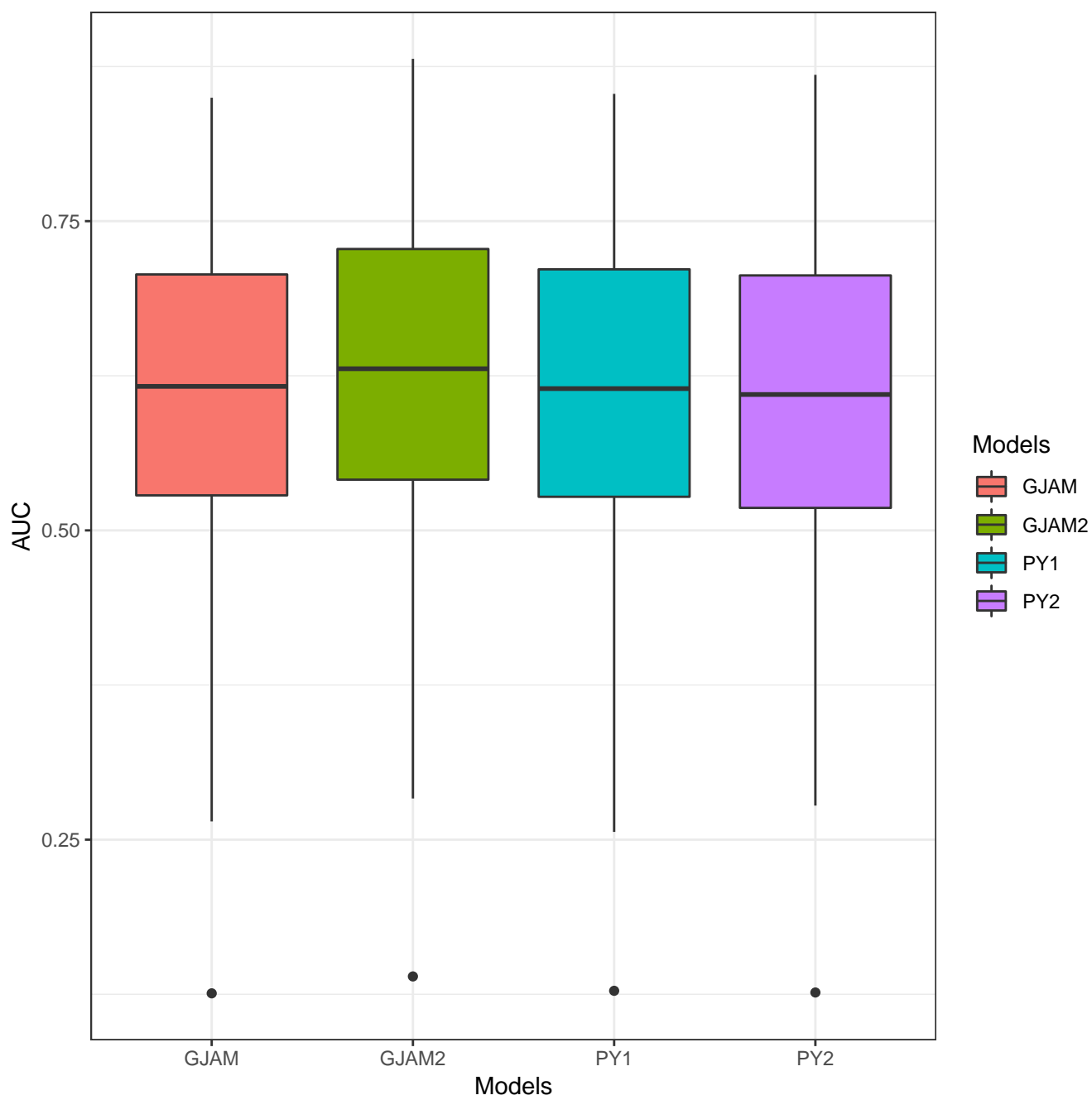
Trace plot for the number of groups



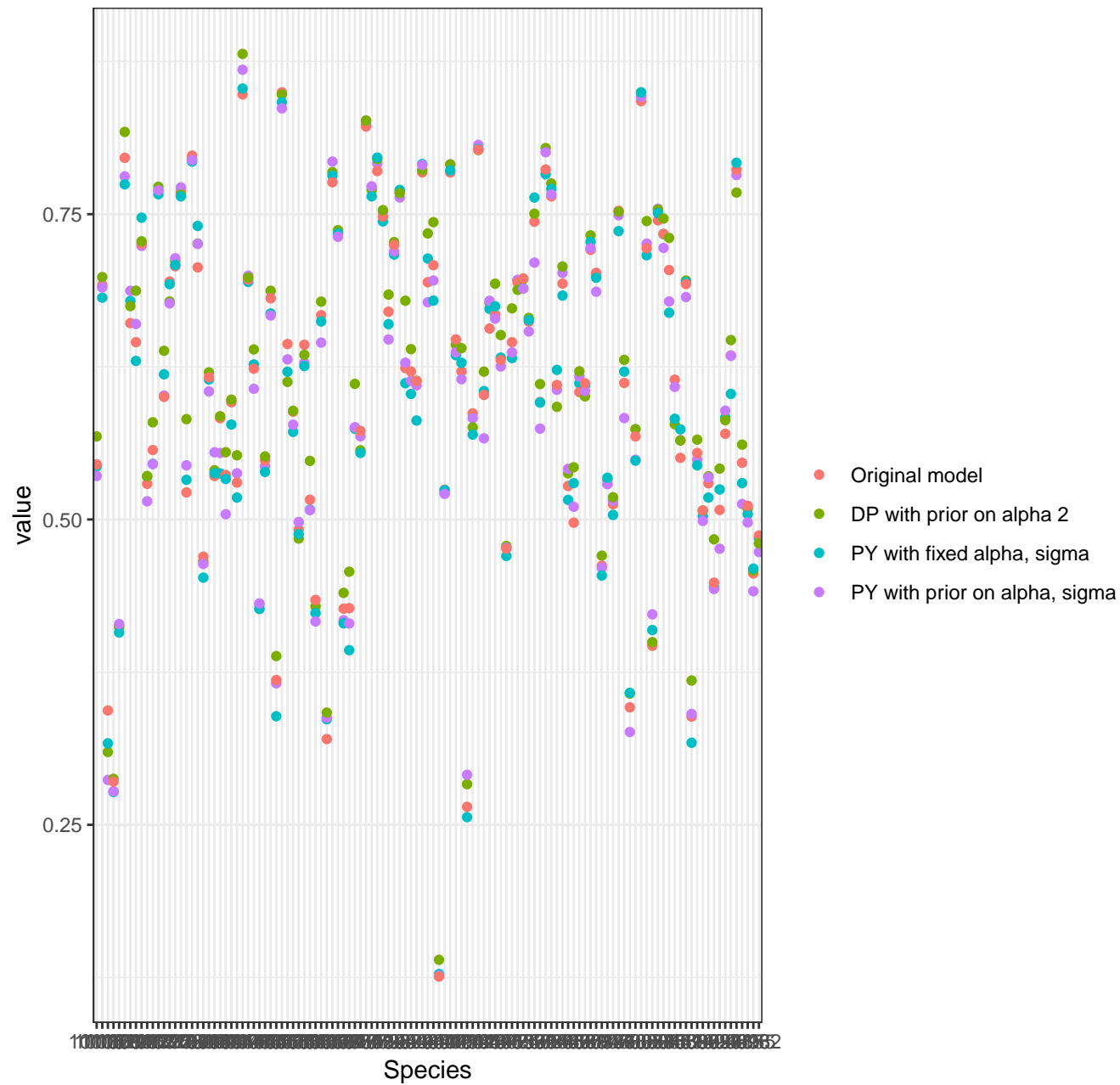
Trace plot for the number of groups

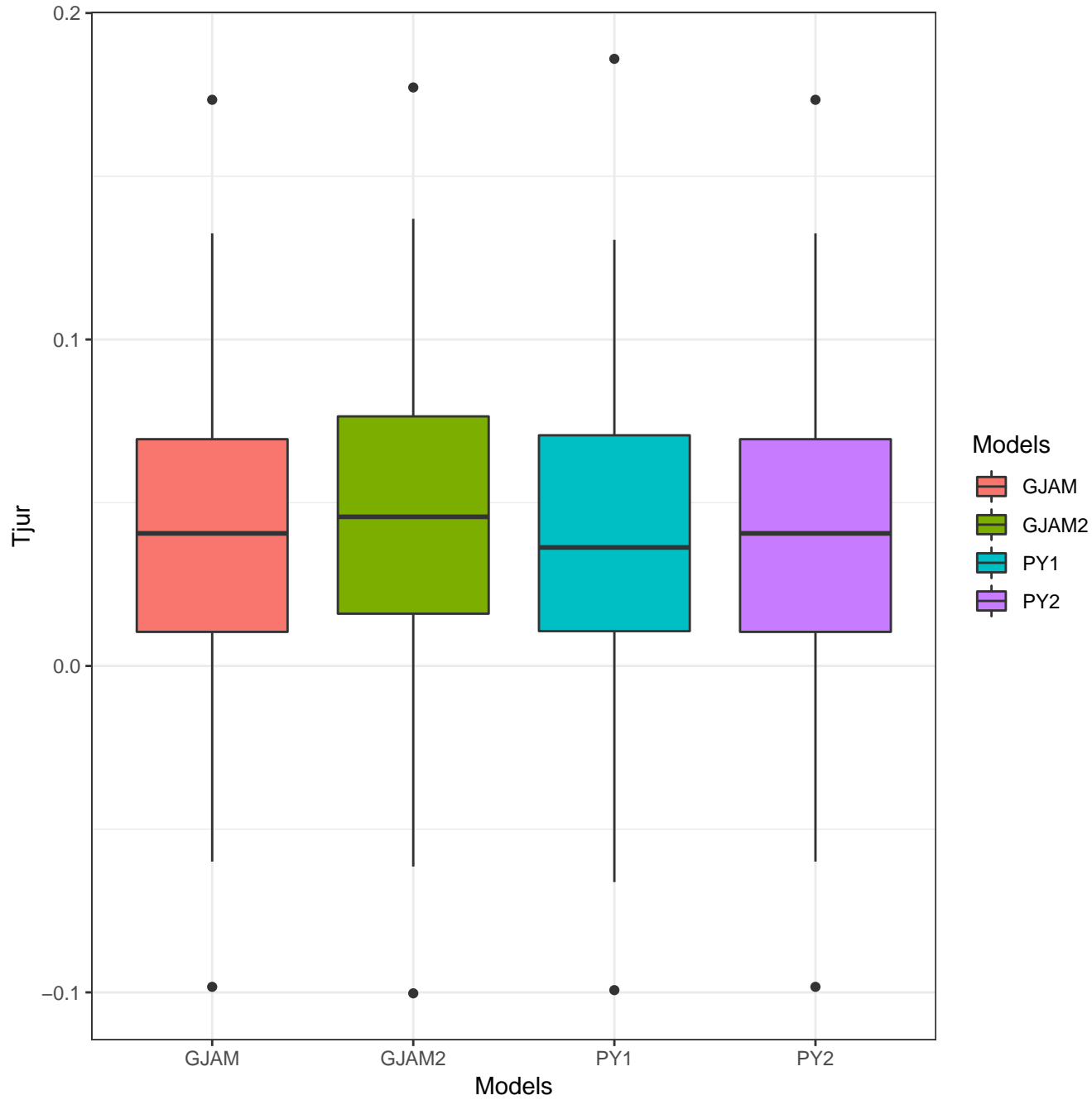






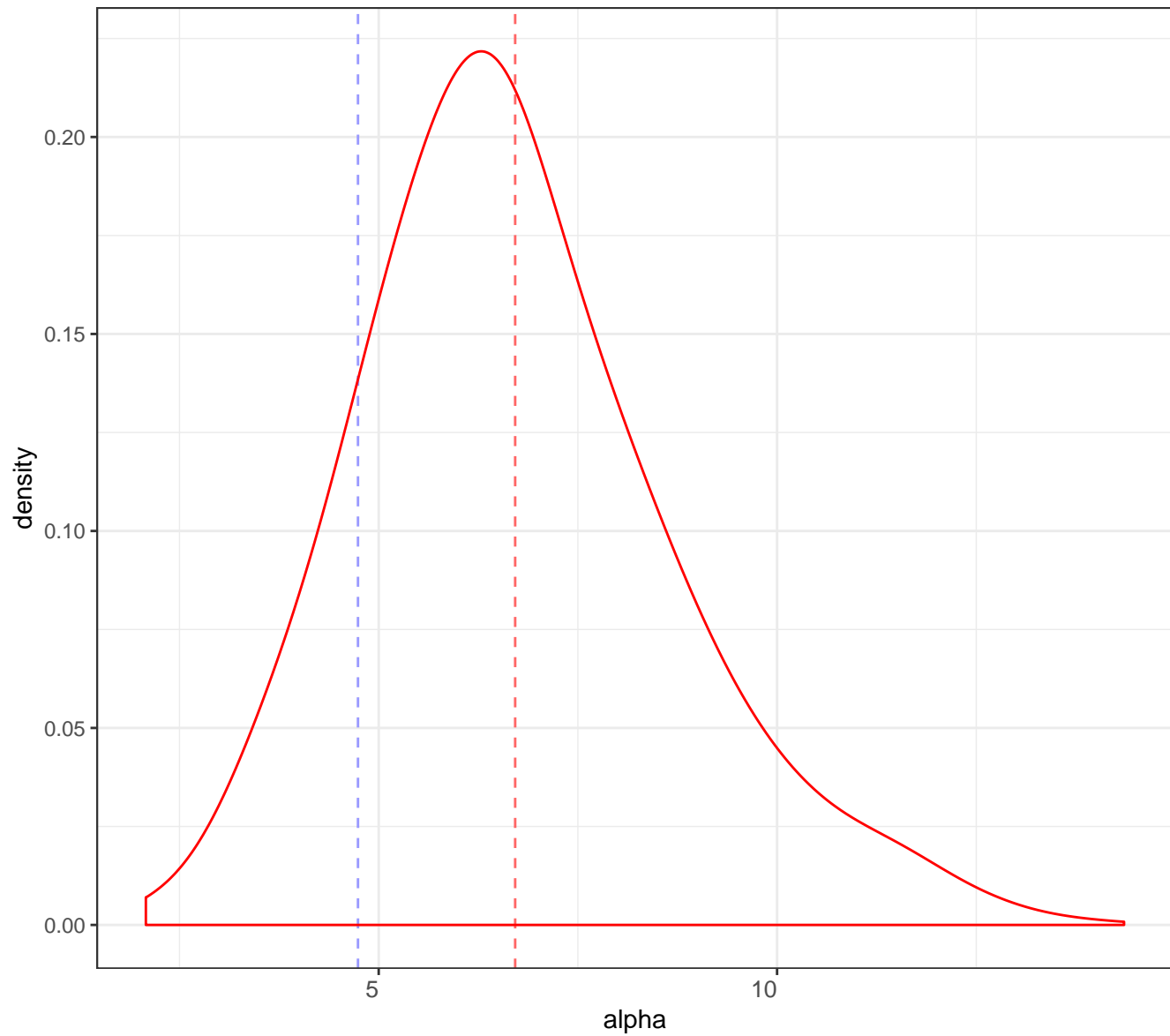
Traceplots of the posterior of the number of clusters





Posterior distribution for alpha

Legend posterior mean prior mean

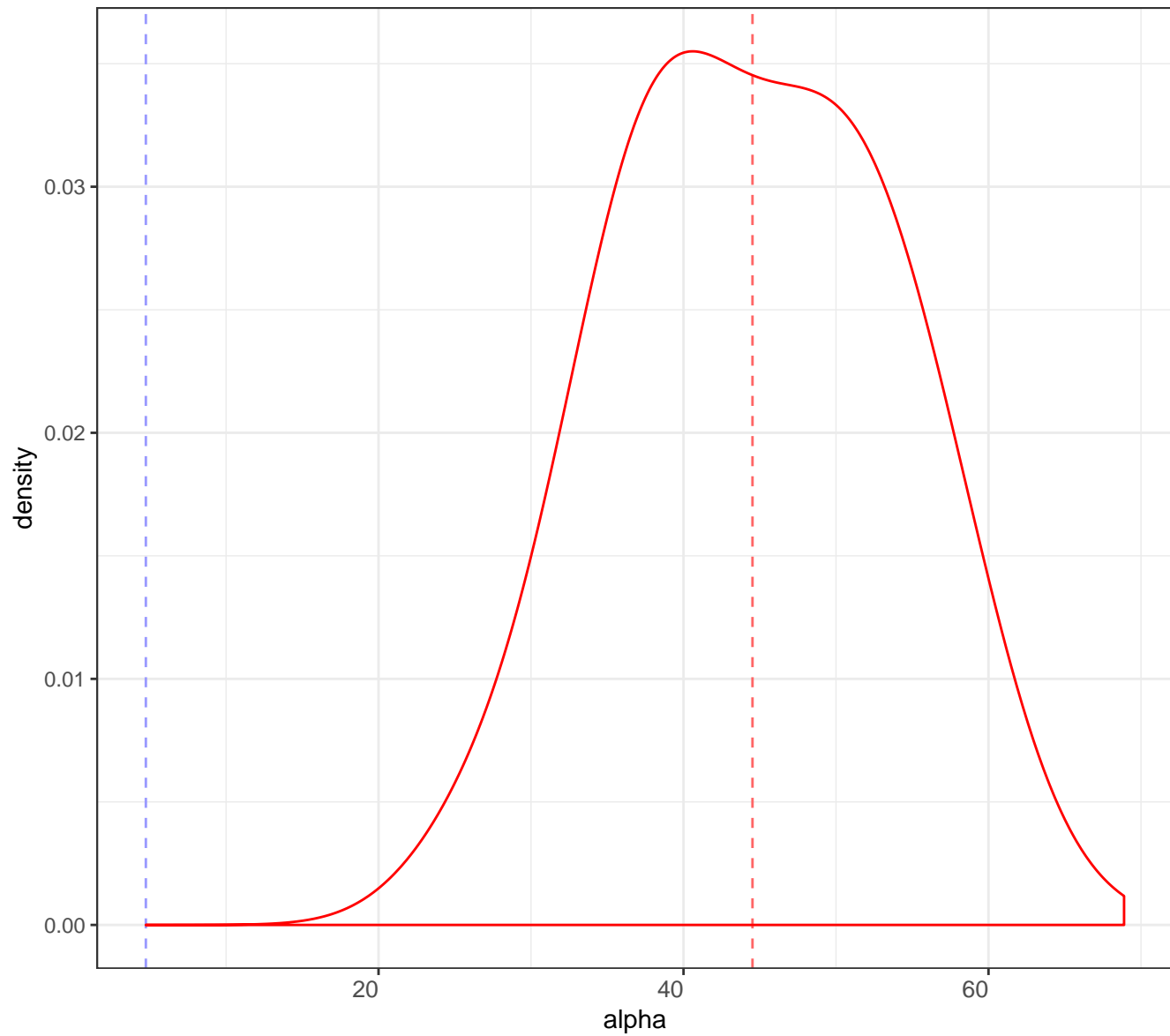


Posterior distribution for alpha

Legend

posterior mean

prior mean



Posterior distribution for sigma

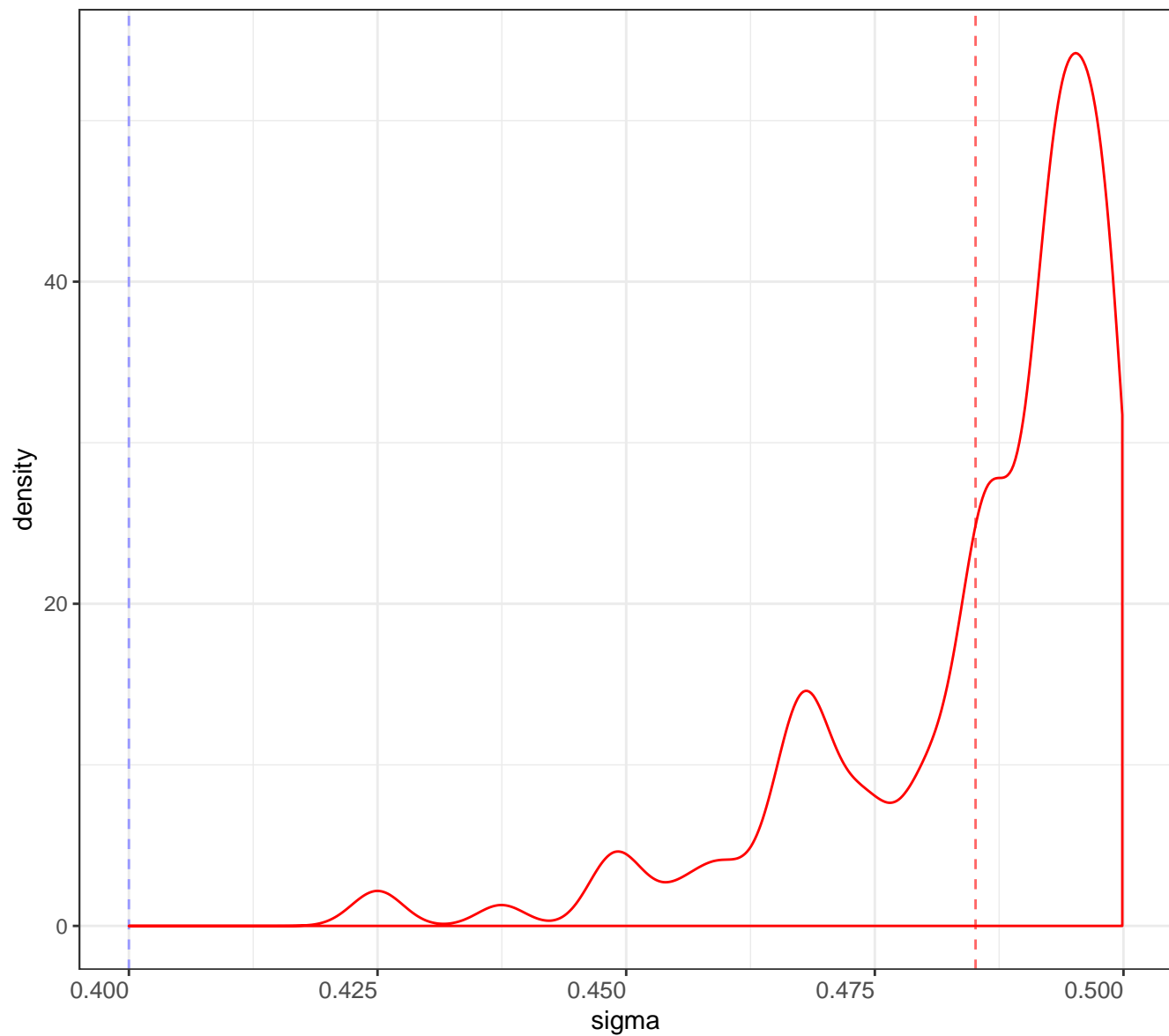
Legend



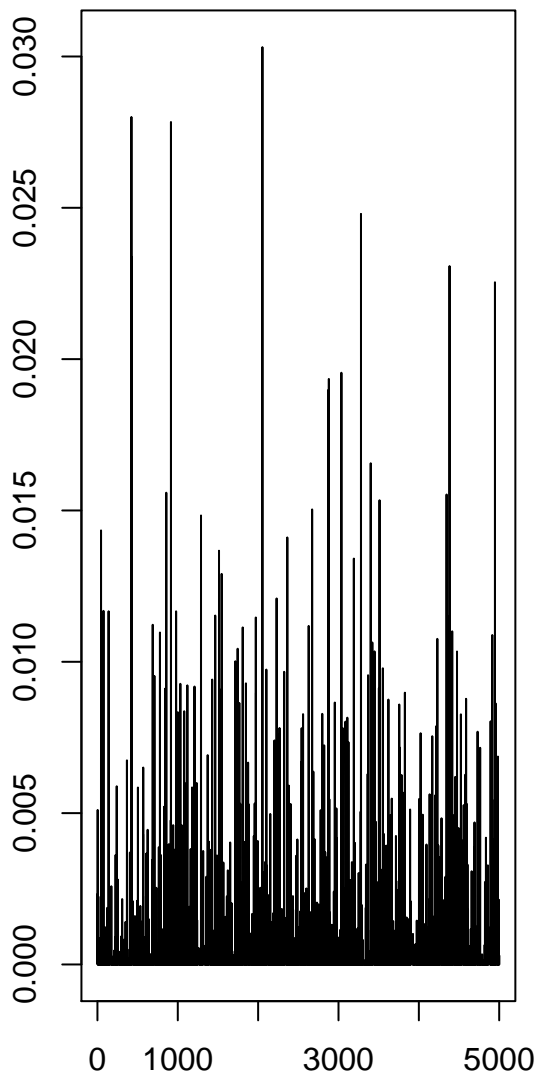
posterior mean



prior mean

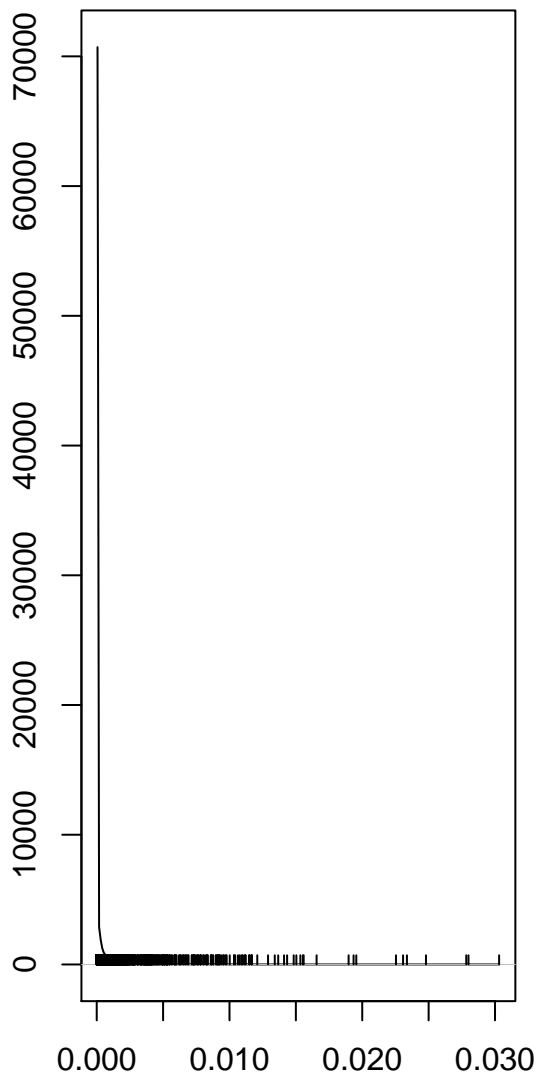


Trace of var1



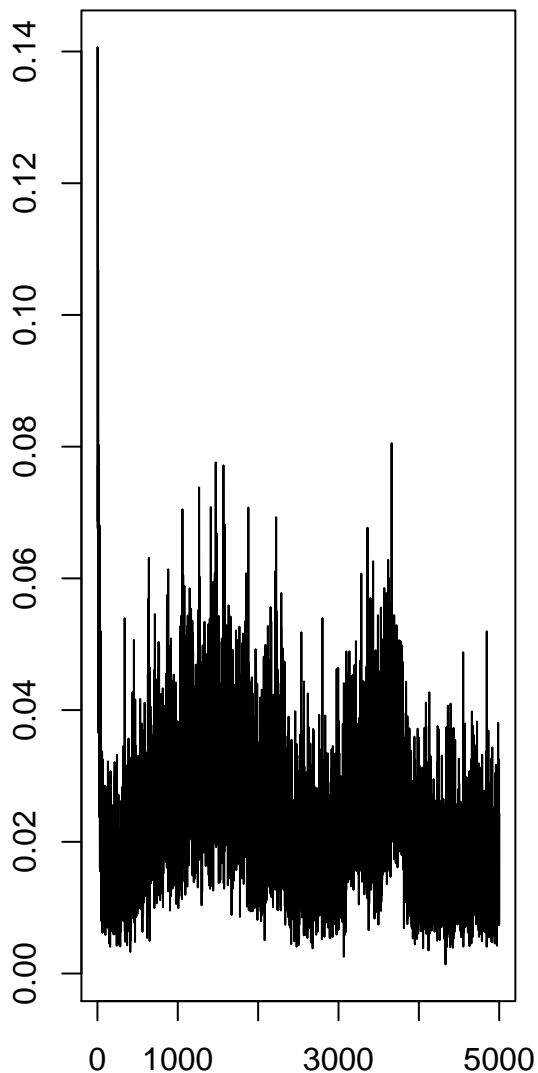
Iterations

Density of var1



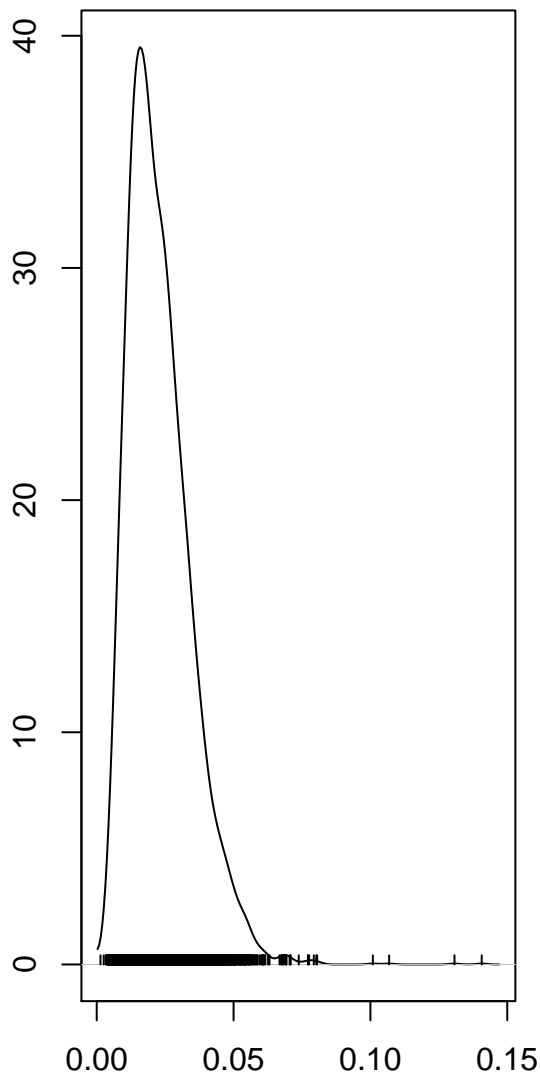
N = 5001 Bandwidth = 4.54e-06

Trace of var1



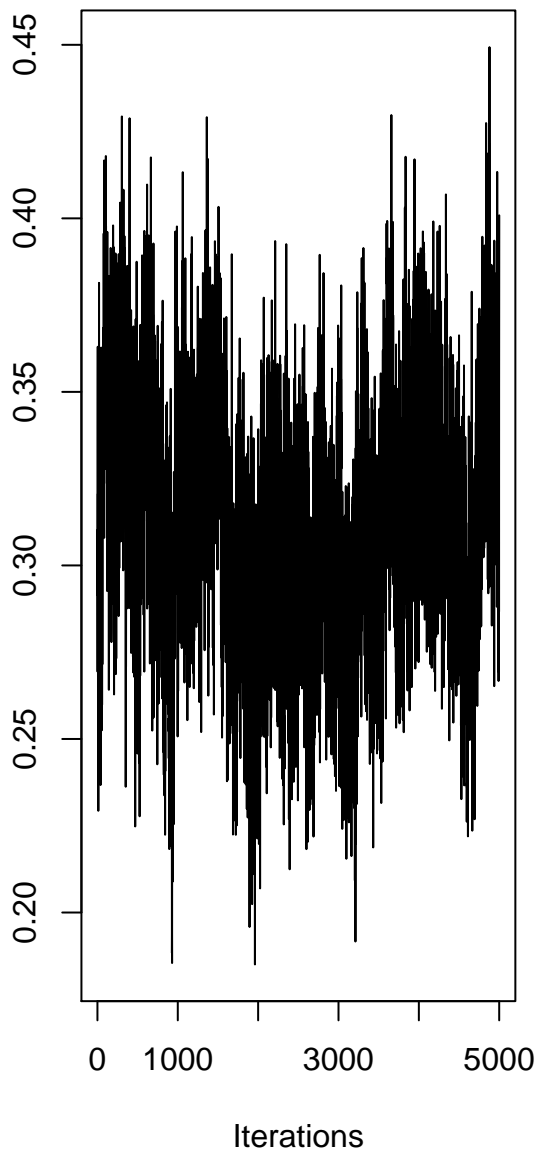
Iterations

Density of var1

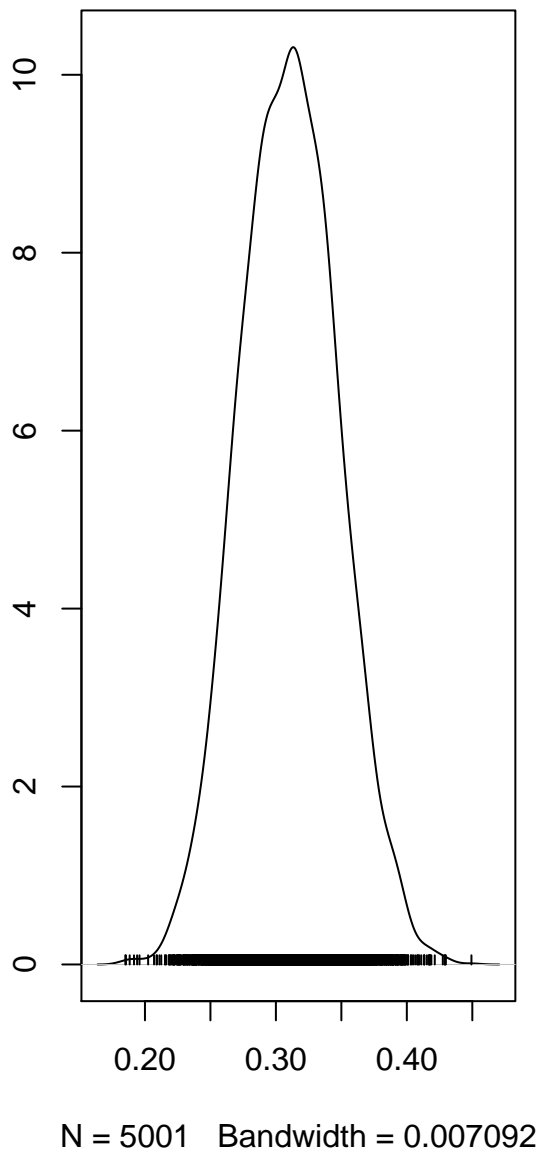


N = 5001 Bandwidth = 0.002142

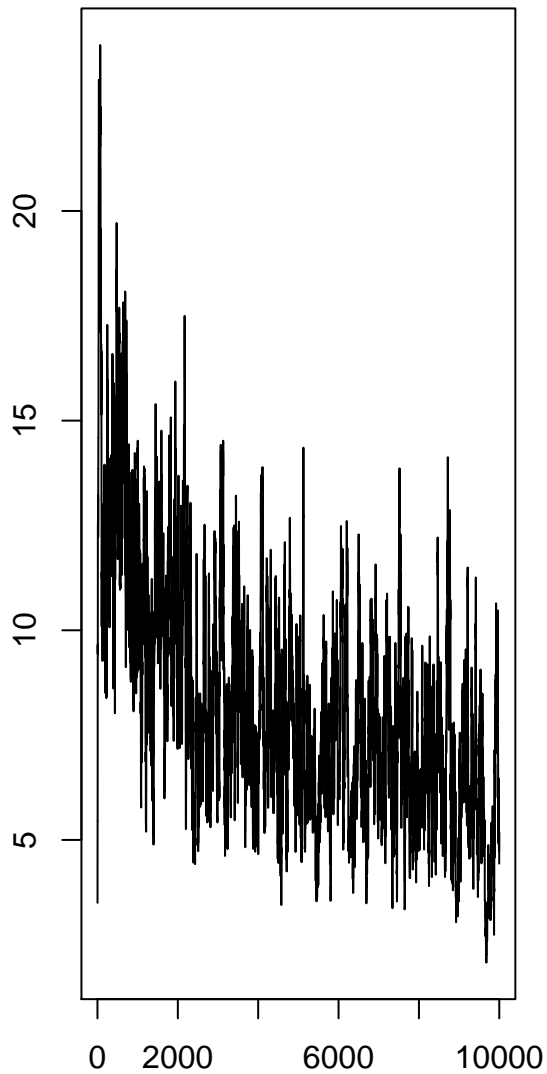
Trace of var1



Density of var1

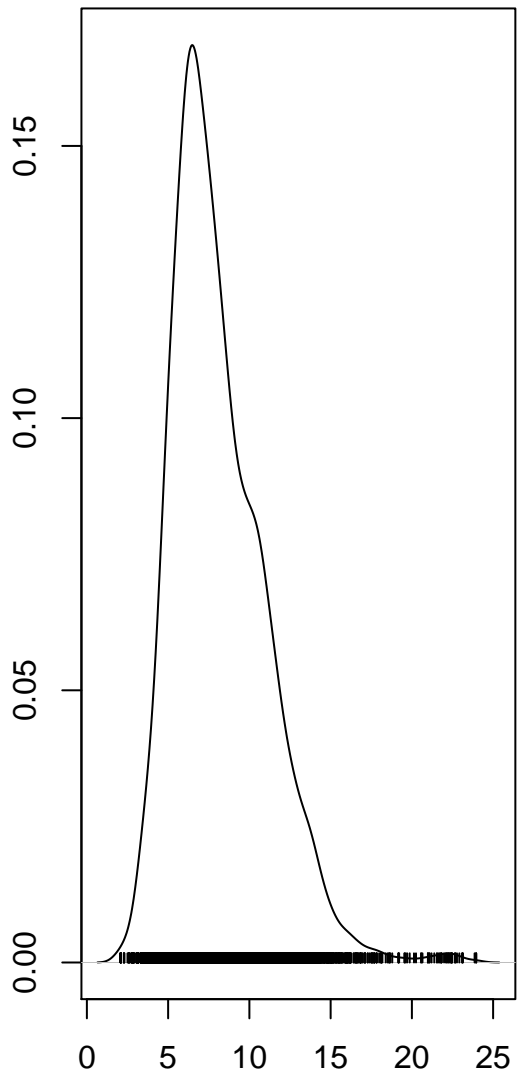


alpha DP

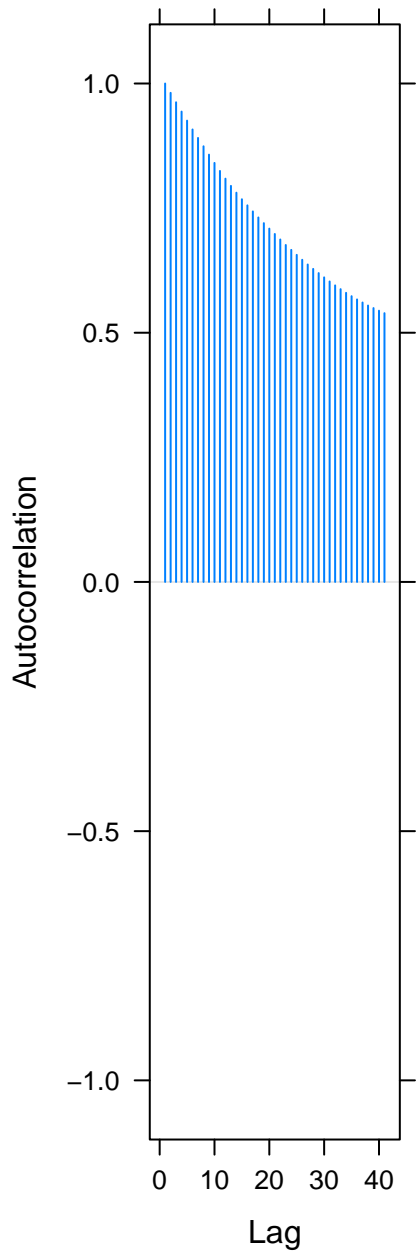


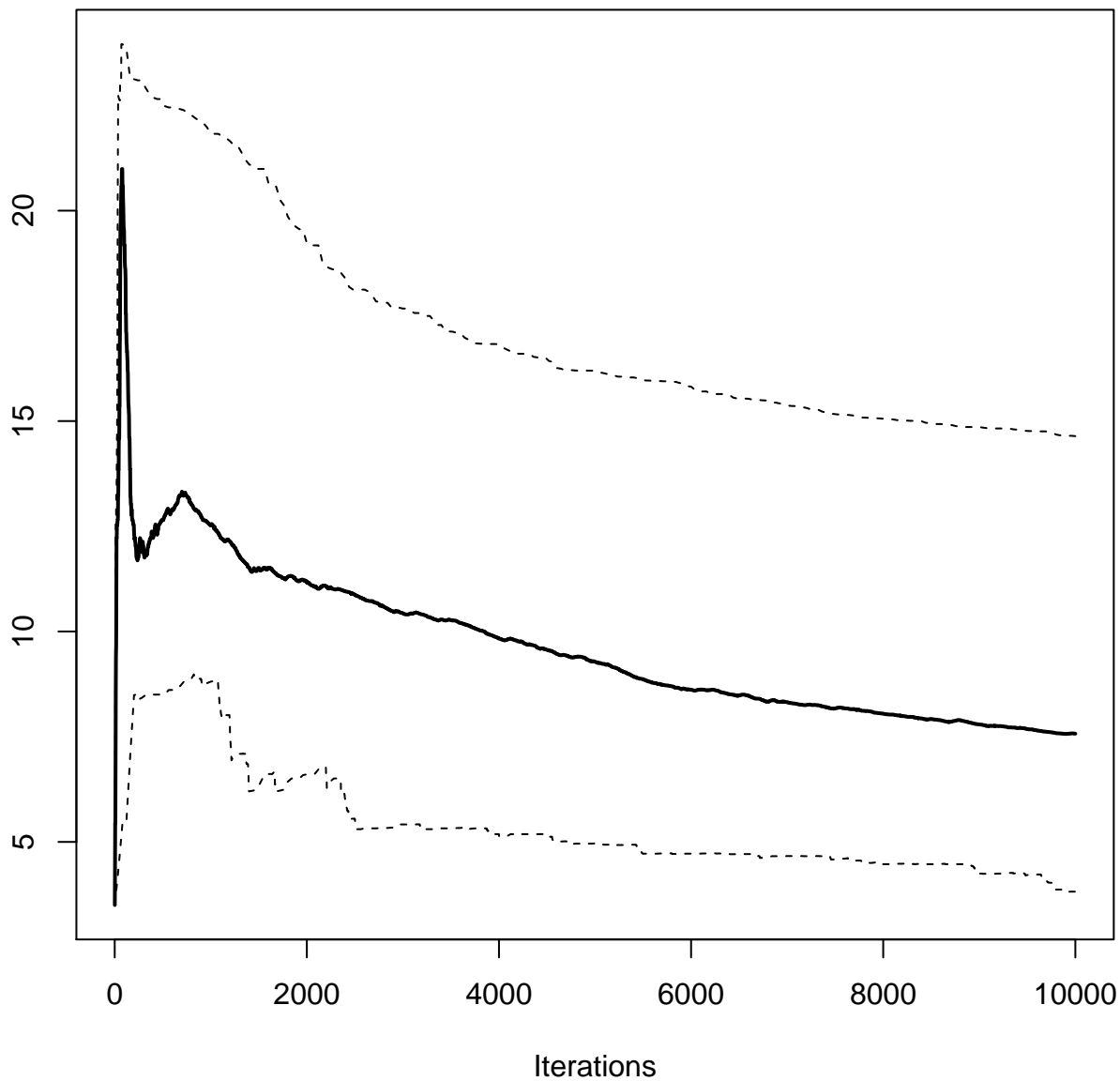
Iterations

alpha DP

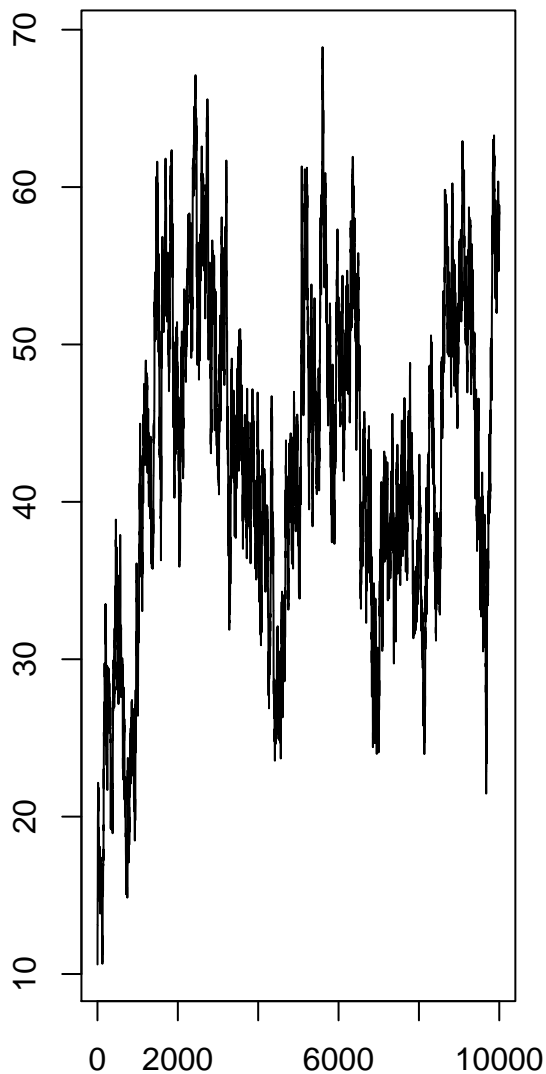


N = 10000 Bandwidth = 0.4748



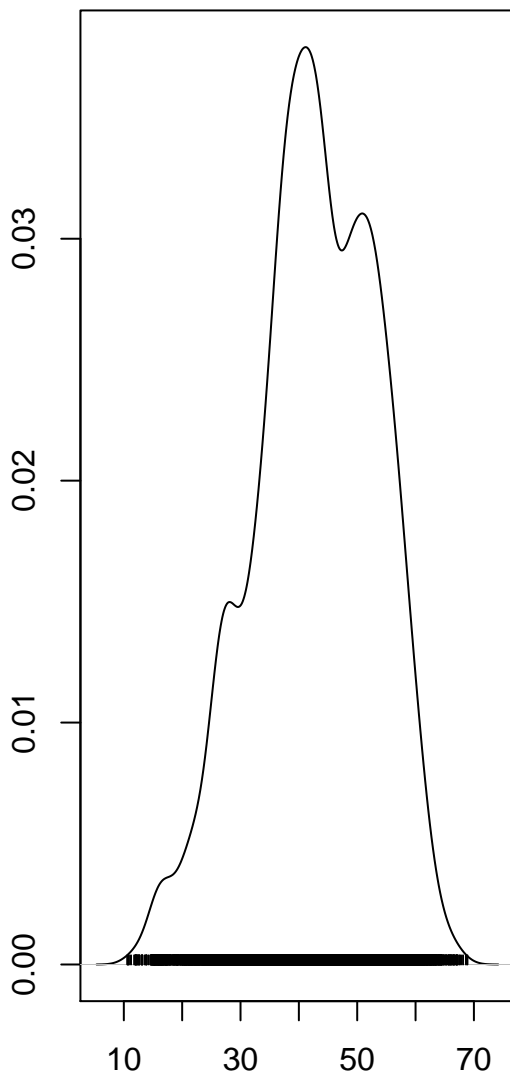


alpha PY

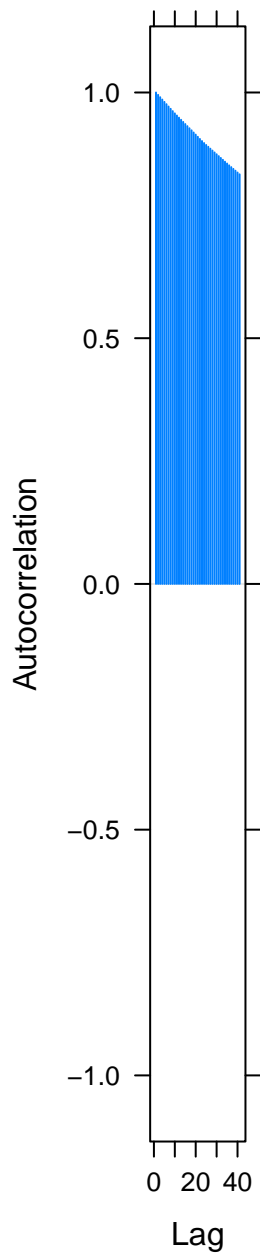


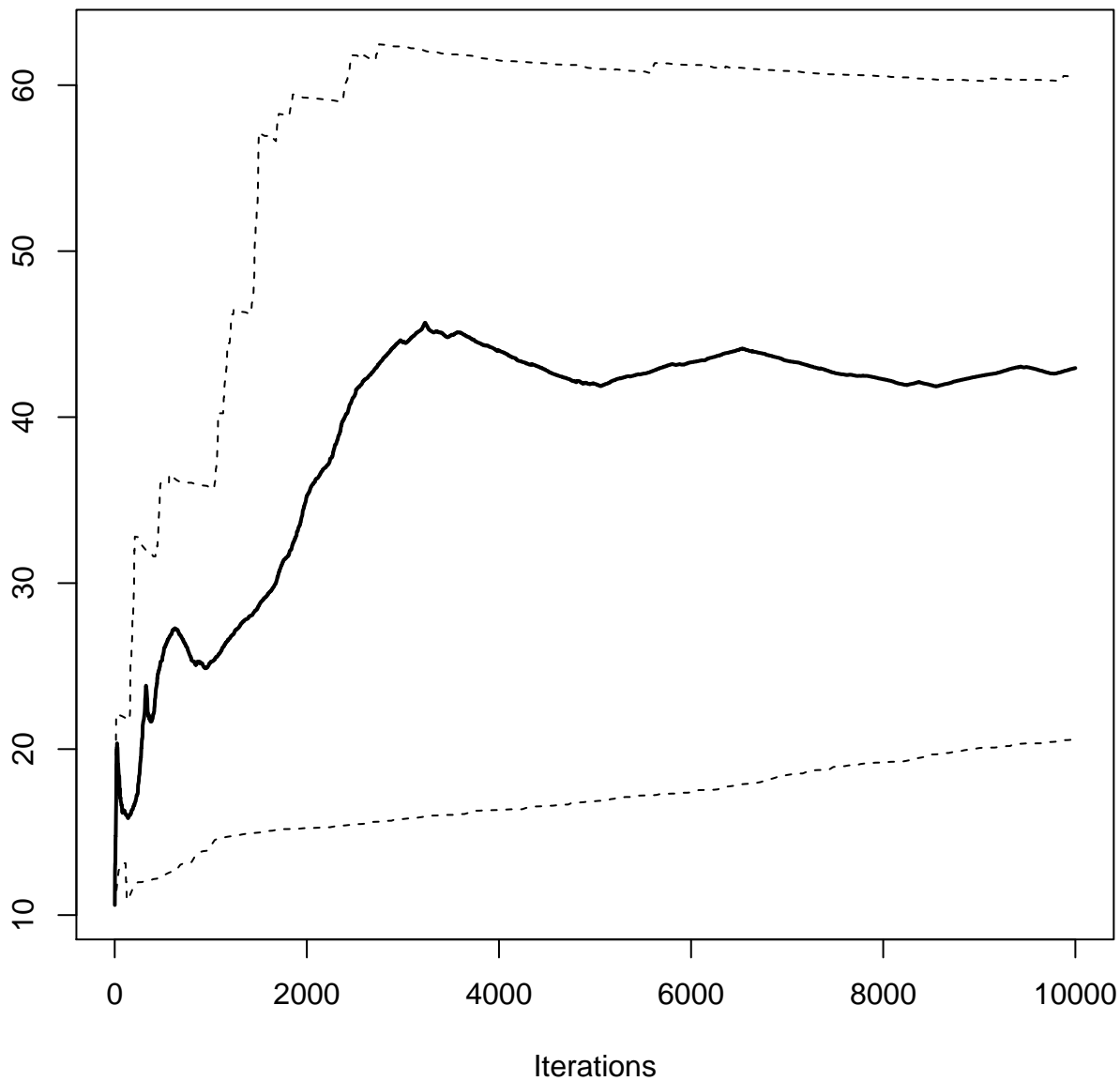
Iterations

alpha PY

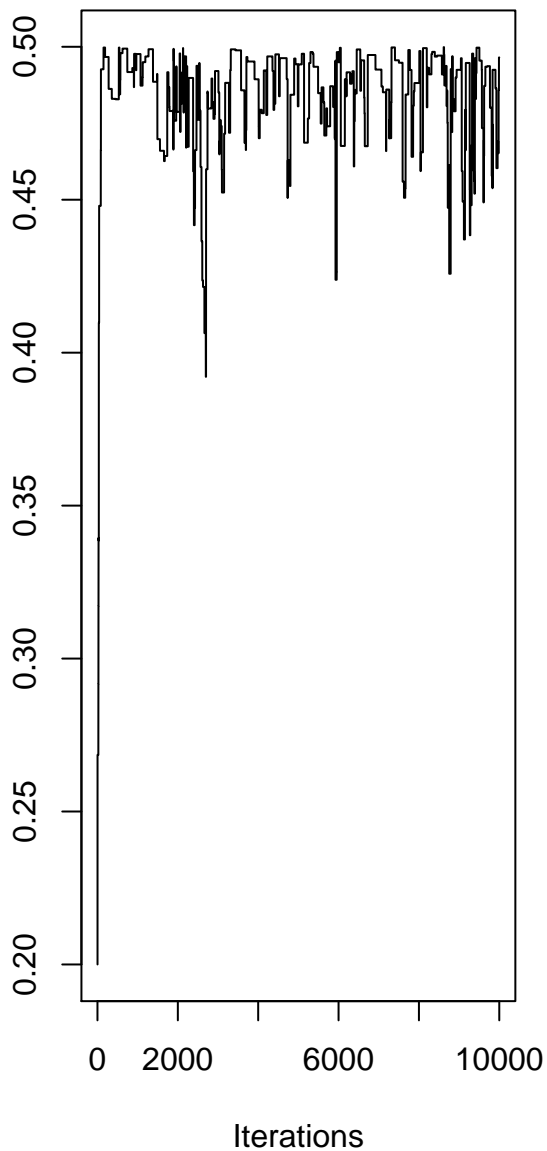


N = 10000 Bandwidth = 1.763

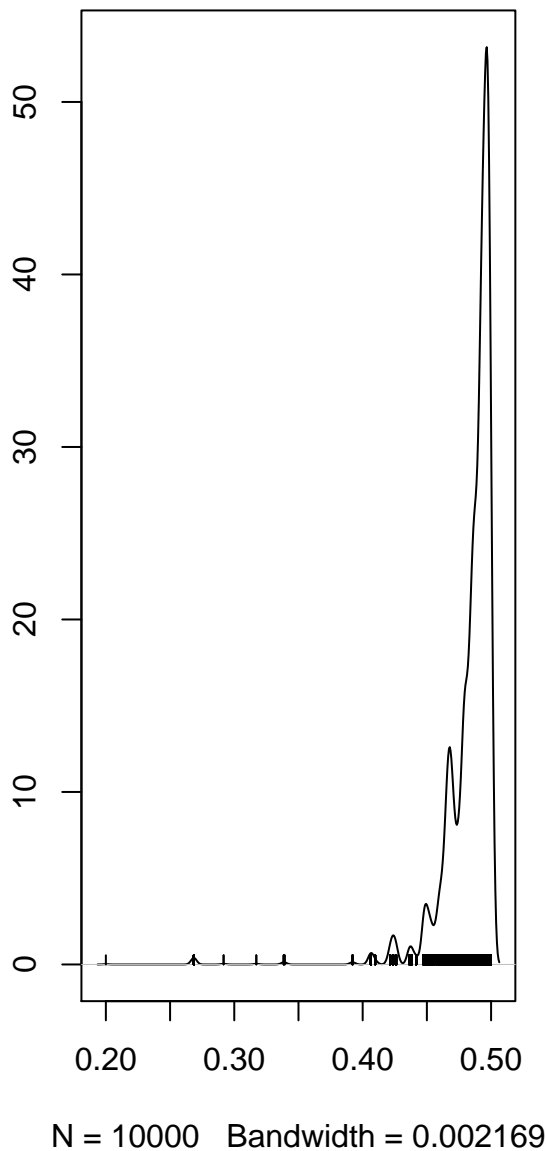


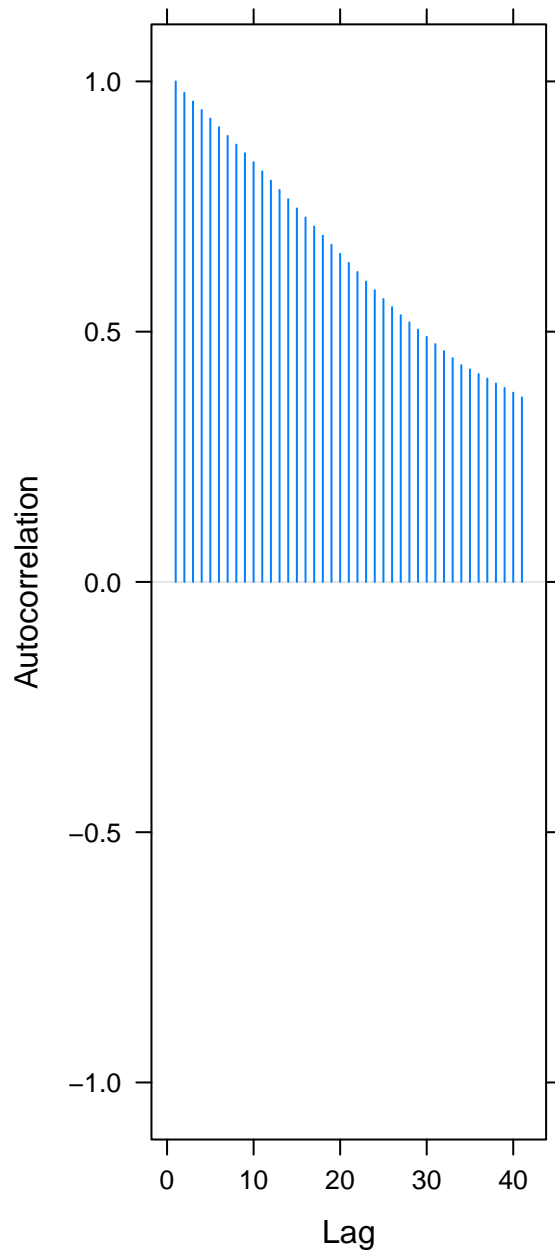


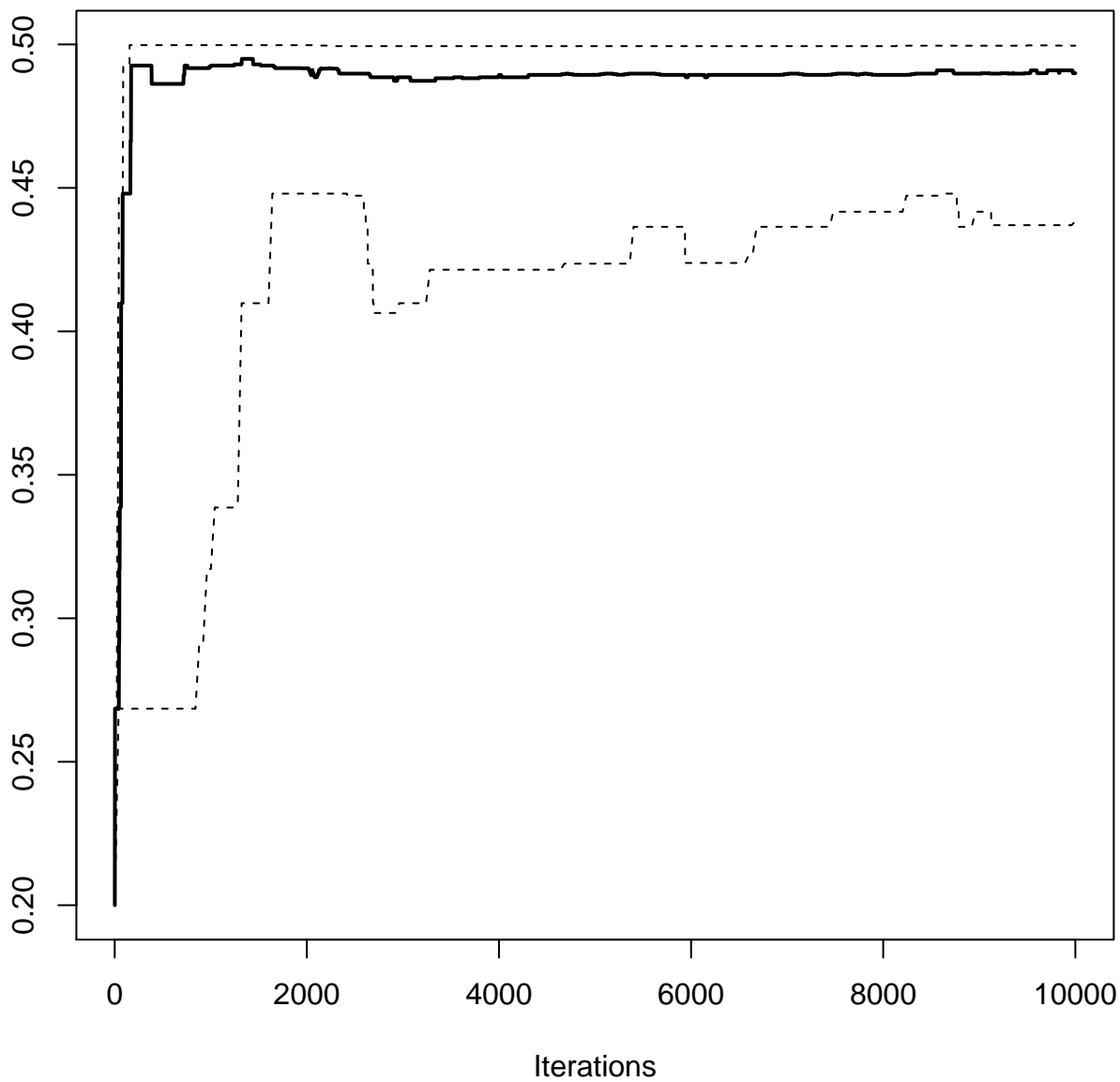
discount PY



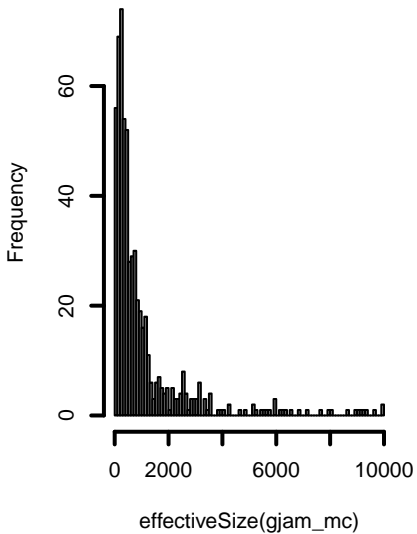
discount PY



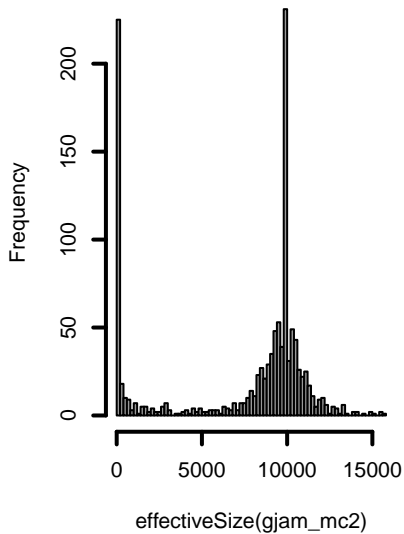




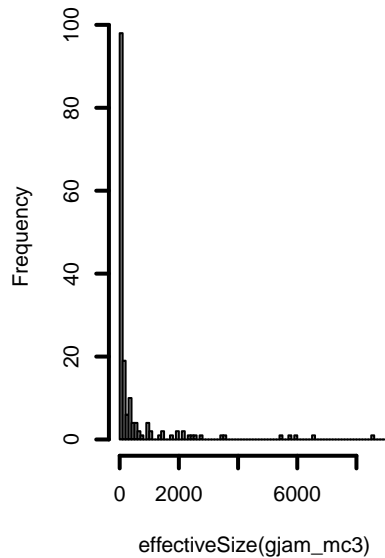
ess(sigma) gjam



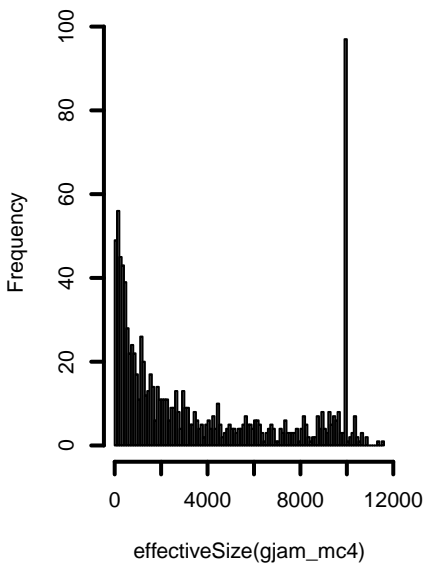
ess(sigma) gjam2



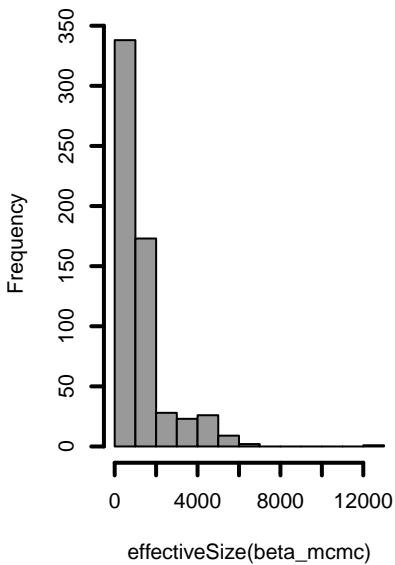
ess(sigma) gjam3



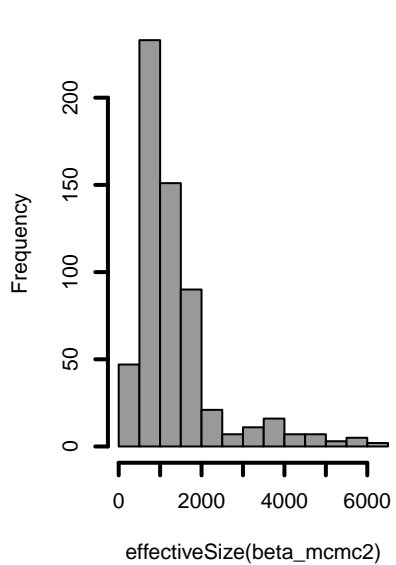
ess(sigma) gjam4



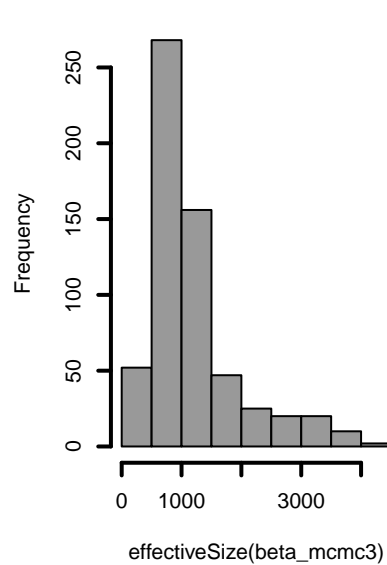
ess(beta) gjam



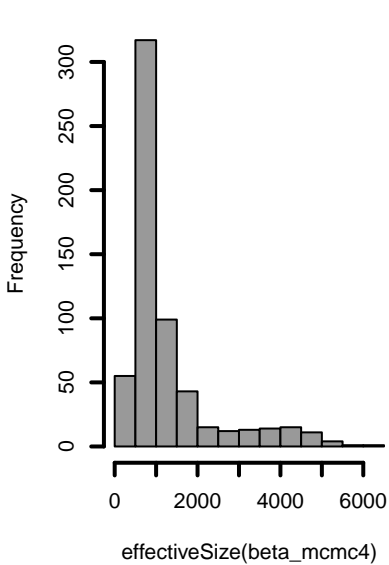
ess(beta) gjam2



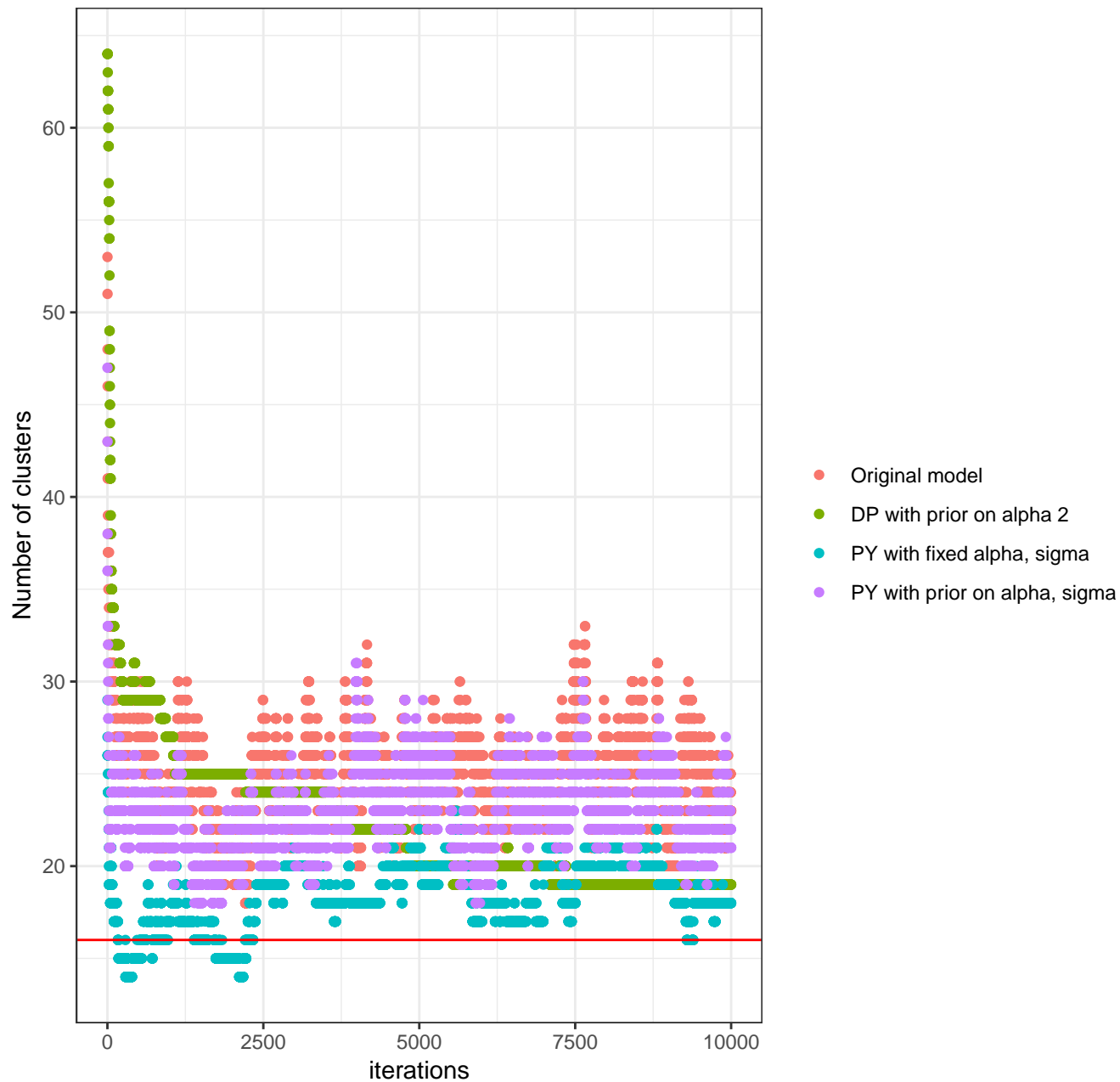
ess(beta) gjam3



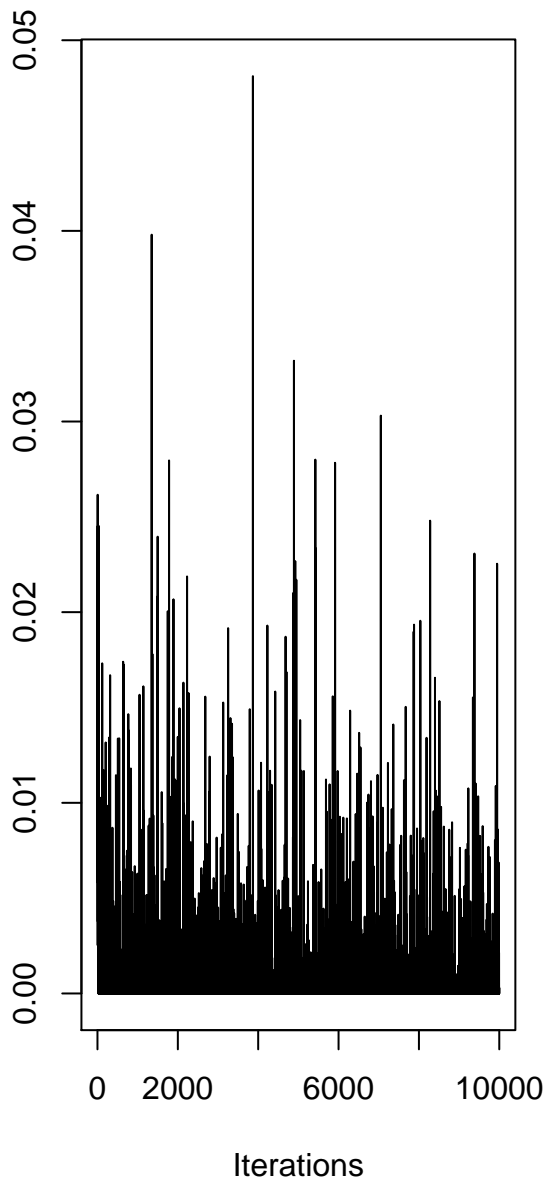
ess(beta) gjam4



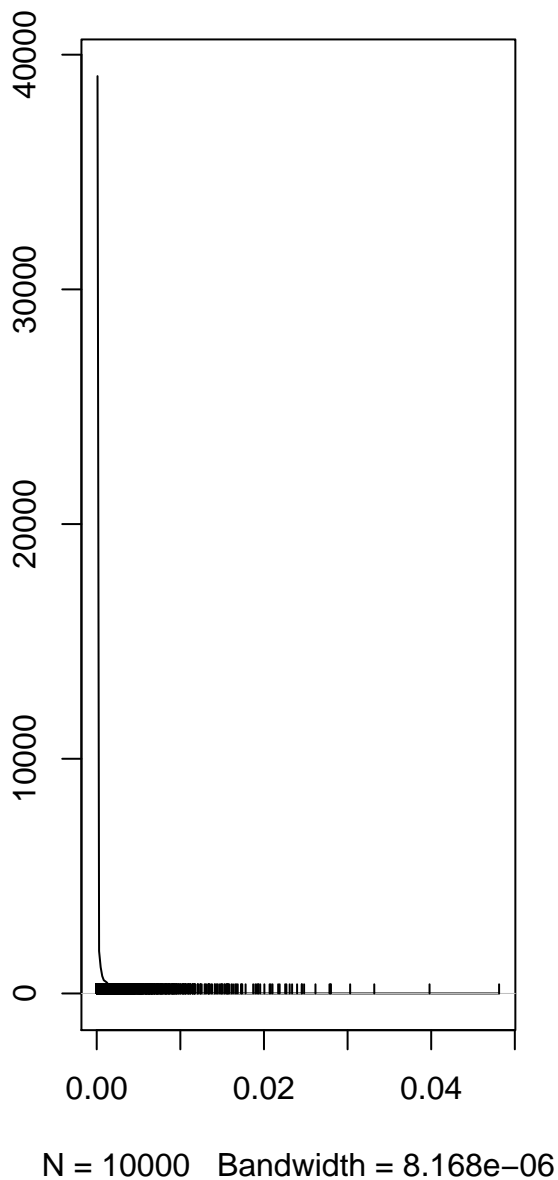
Traceplots of the posterior of the number of clusters



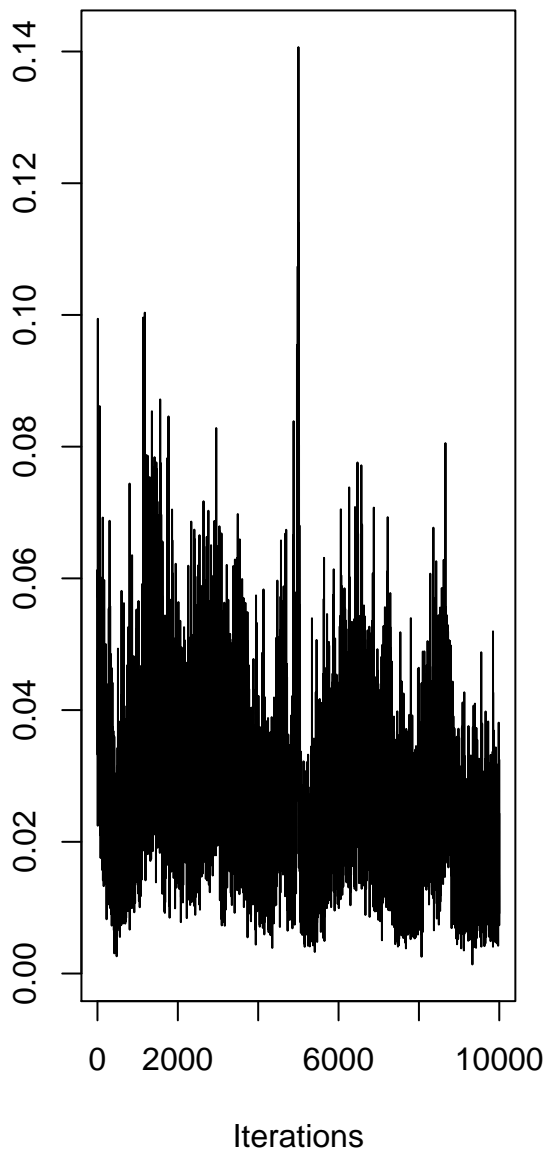
Trace of var1



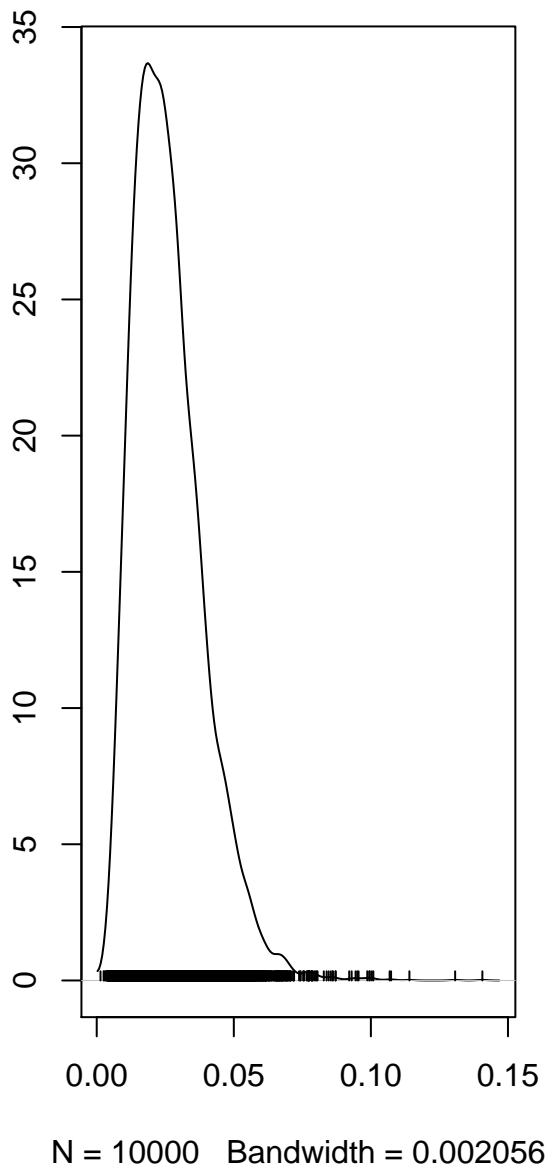
Density of var1



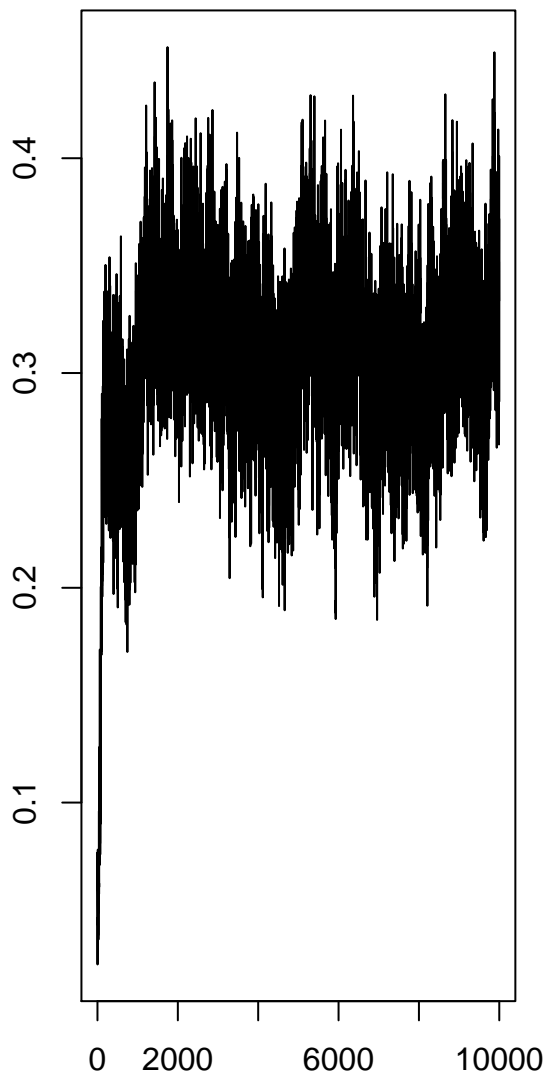
Trace of var1



Density of var1

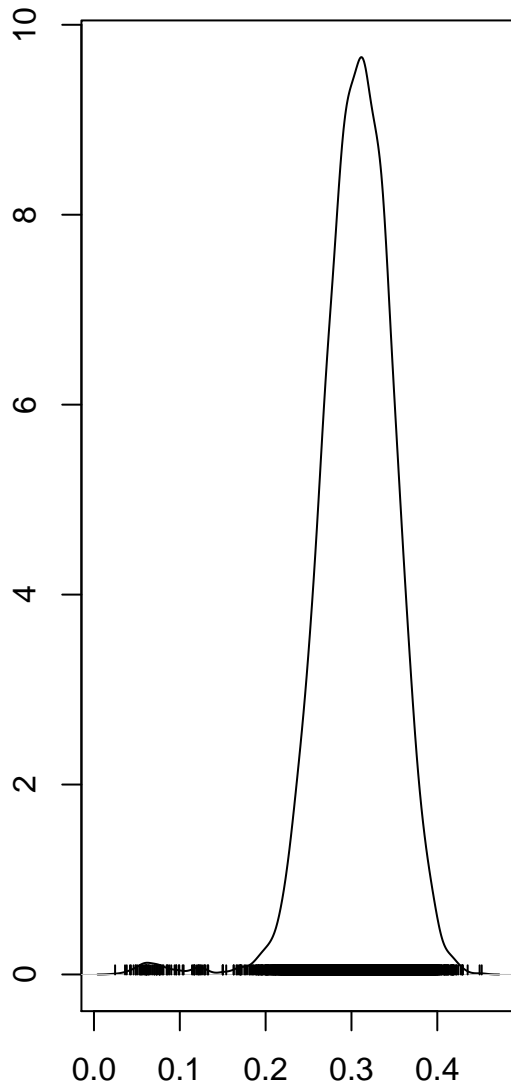


Trace of var1



Iterations

Density of var1



N = 10000 Bandwidth = 0.006833

	Parameter	GJAM	GJAM2	PY1	PY2	r	iter	burn
1	DIC	9.033	9.199	9.032	8.999	5	10000	5000
2	mean AUC	0.609	0.618	0.605	0.605	5	10000	5000
3	mean Tjur	0.041	0.046	0.040	0.041	5	10000	5000
4	mean p_N	0.000	0.000	0.023	0.310	5	10000	5000
5	VI dist	4.039	3.682	3.746	3.634	5	10000	5000
6	AR dist	0.047	0.080	0.074	0.079	5	10000	5000

	Estimate	SE	CI_025	CI_975
<i>PC1</i>	1.53	0.0904	1.37	1.72
<i>PC2</i>	1.05	0.0662	0.927	1.19
<i>I(PC1^2)</i>	1.11	0.0718	0.971	1.25
<i>I(PC2^2)</i>	0.775	0.0521	0.68	0.886

	Estimate	SE	CI_025	CI_975
<i>PC1</i>	1.73	0.0911	1.52	1.88
<i>PC2</i>	1.17	0.0631	1.04	1.29
<i>I(PC1^2)</i>	1.1	0.0538	0.998	1.21
<i>I(PC2^2)</i>	0.768	0.0413	0.686	0.849

	Estimate	SE	CI_025	CI_975
<i>PC1</i>	1.52	0.0771	1.37	1.67
<i>PC2</i>	1.07	0.0545	0.965	1.18
<i>I(PC1^2)</i>	1.11	0.097	0.944	1.3
<i>I(PC2^2)</i>	0.778	0.0586	0.673	0.9

	Estimate	SE	CI_025	CI_975
<i>PC1</i>	1.48	0.083	1.33	1.65
<i>PC2</i>	1.03	0.0646	0.908	1.16
<i>I(PC1^2)</i>	1.11	0.0717	0.972	1.26
<i>I(PC2^2)</i>	0.774	0.0525	0.679	0.885

	PC1	PC2
<i>VIF</i>	1	1
<i>factor</i>	0	0
<i>PC2</i>	-0.03	NA

	PC1	PC2
<i>VIF</i>	1	1
<i>factor</i>	0	0
<i>PC2</i>	-0.03	NA

	PC1	PC2
<i>VIF</i>	1	1
<i>factor</i>	0	0
<i>PC2</i>	-0.03	NA

	PC1	PC2
<i>VIF</i>	1	1
<i>factor</i>	0	0
<i>PC2</i>	-0.03	NA

