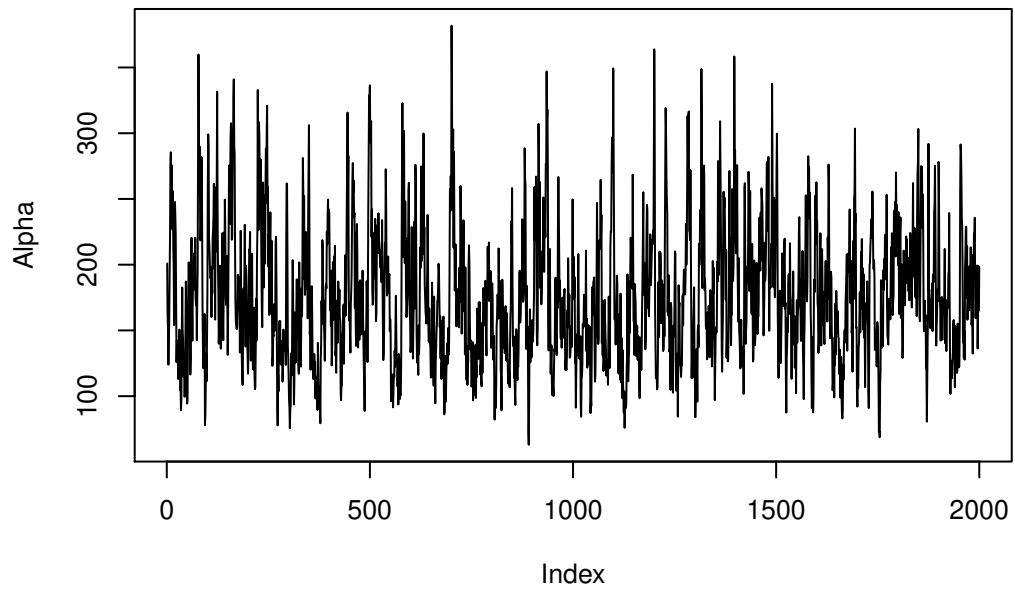
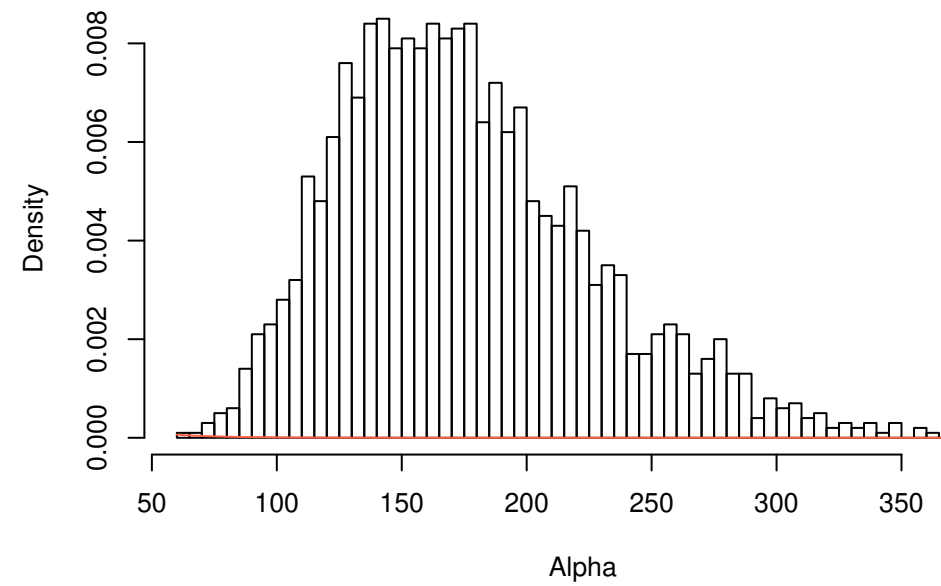


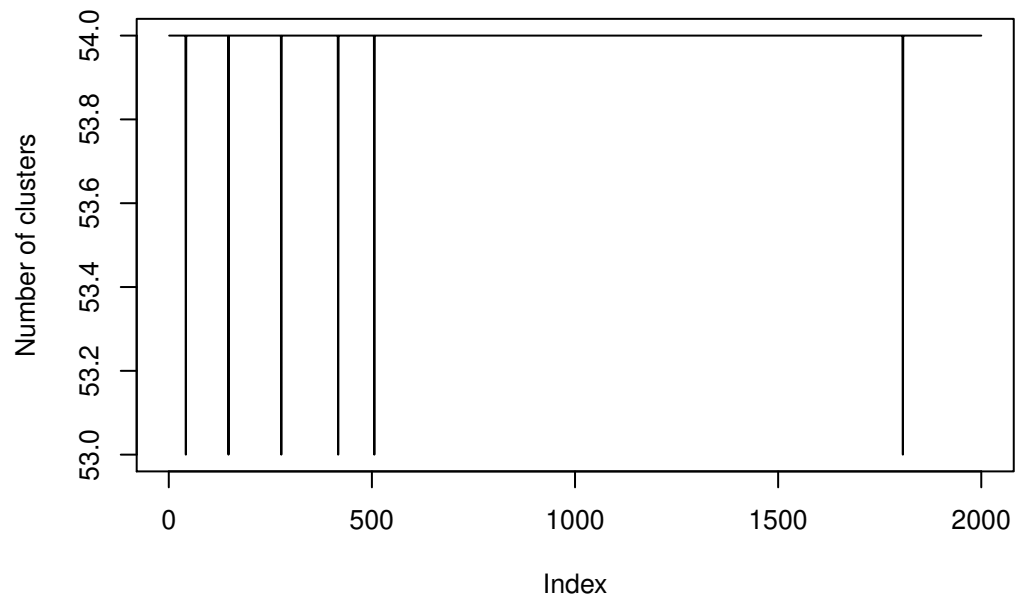
**Traceplot of alpha**



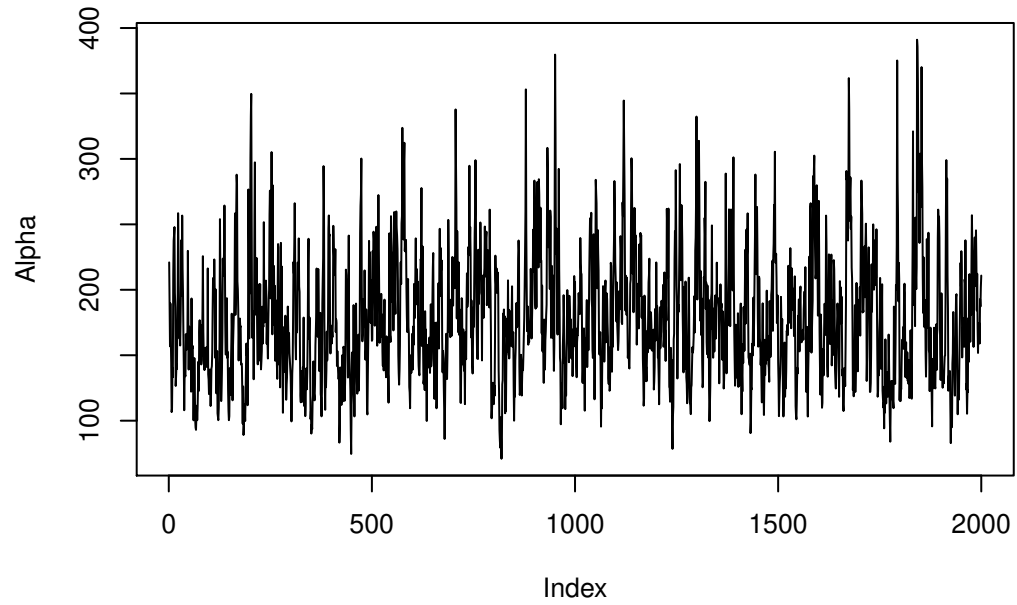
**Prior and posterior of alpha**



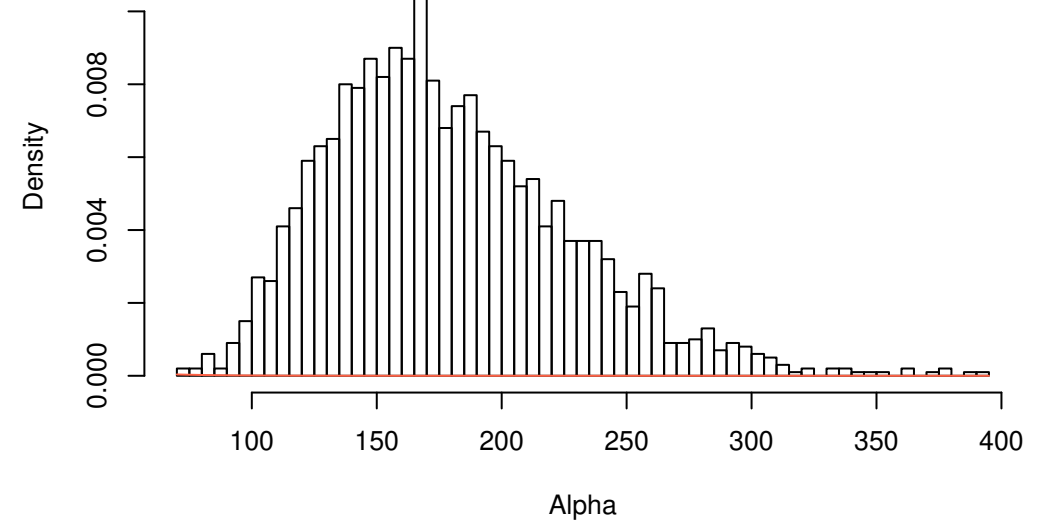
**Traceplot of the number of clusters**



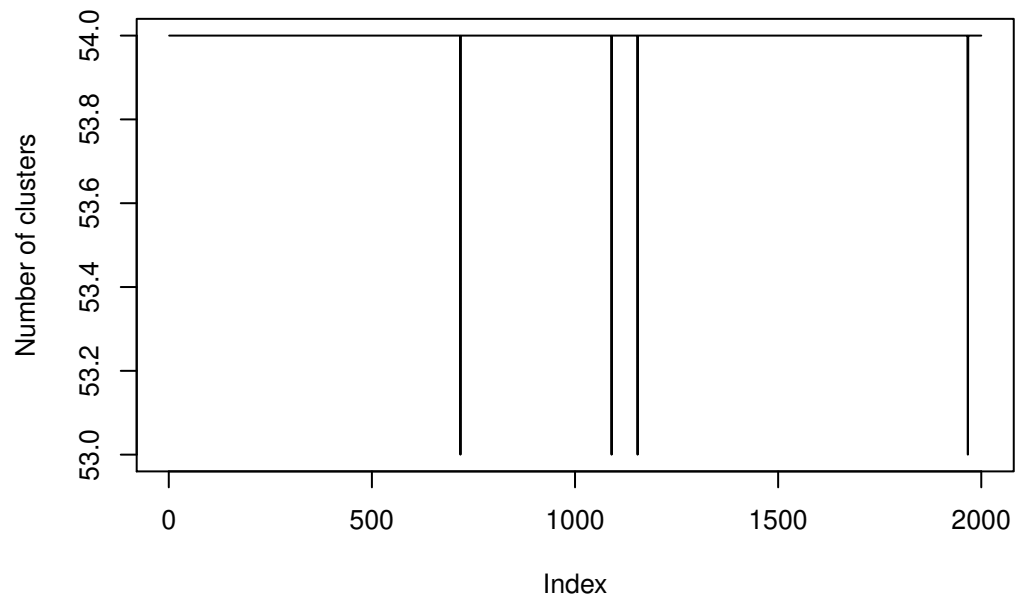
**Traceplot of alpha**



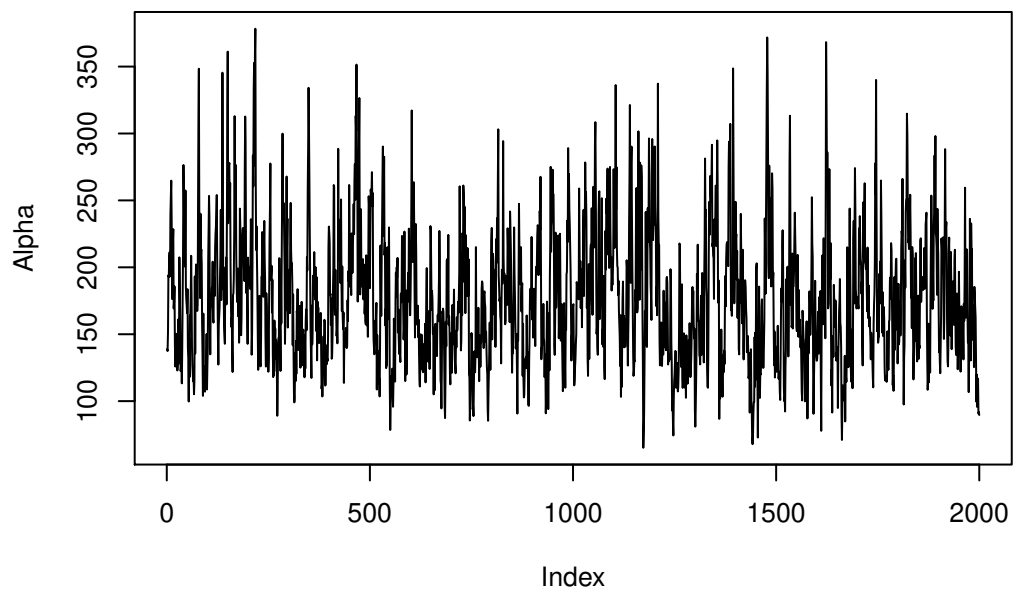
**Prior and posterior of alpha**



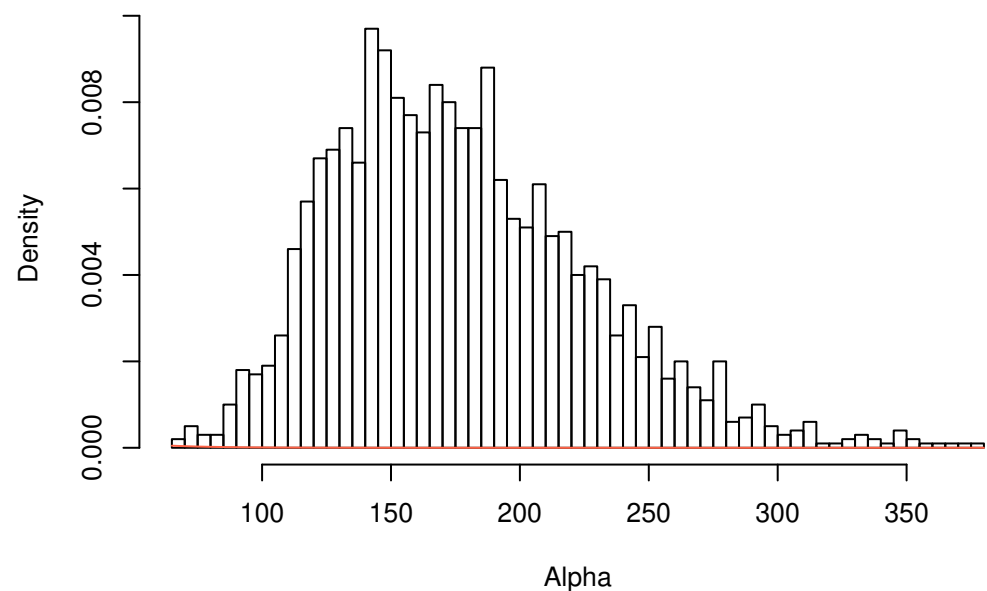
**Traceplot of the number of clusters**



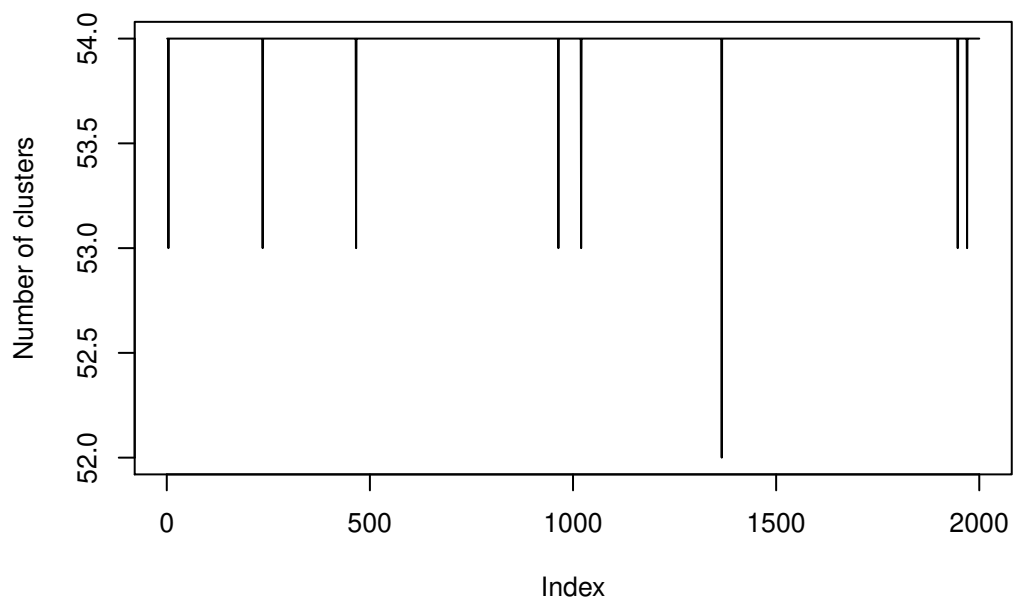
**Traceplot of alpha**



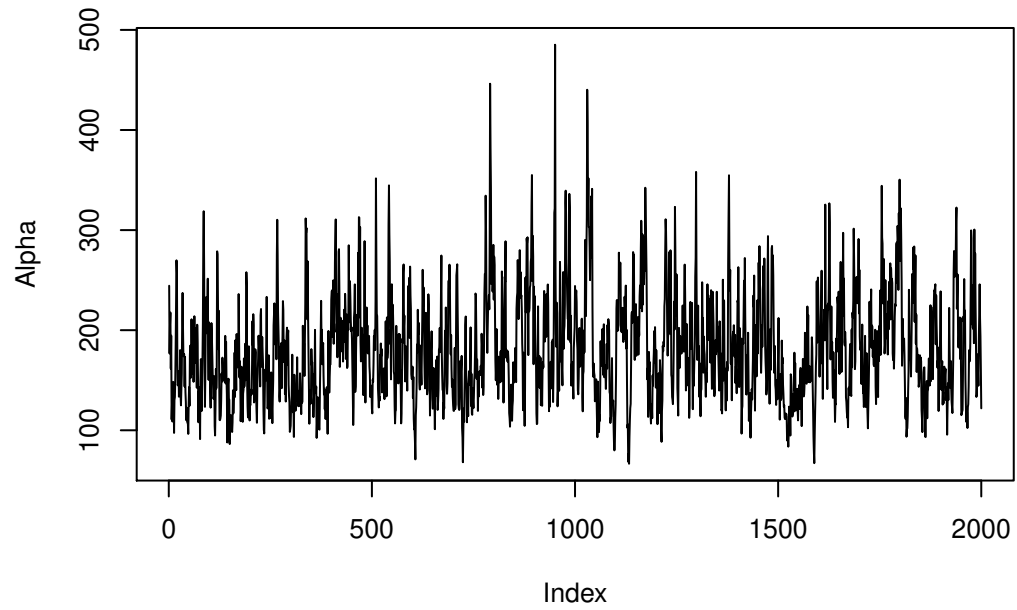
**Prior and posterior of alpha**



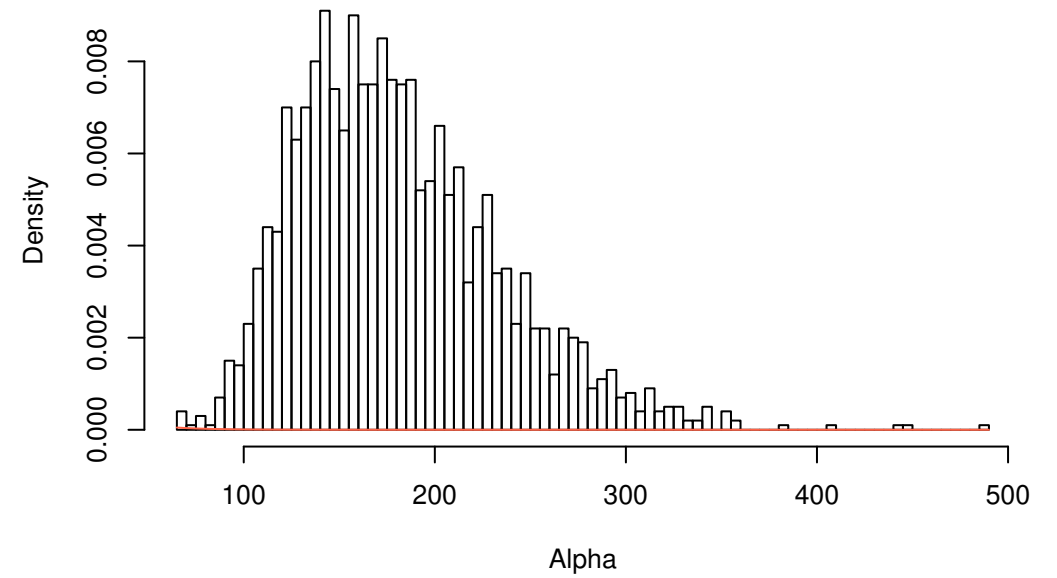
**Traceplot of the number of clusters**



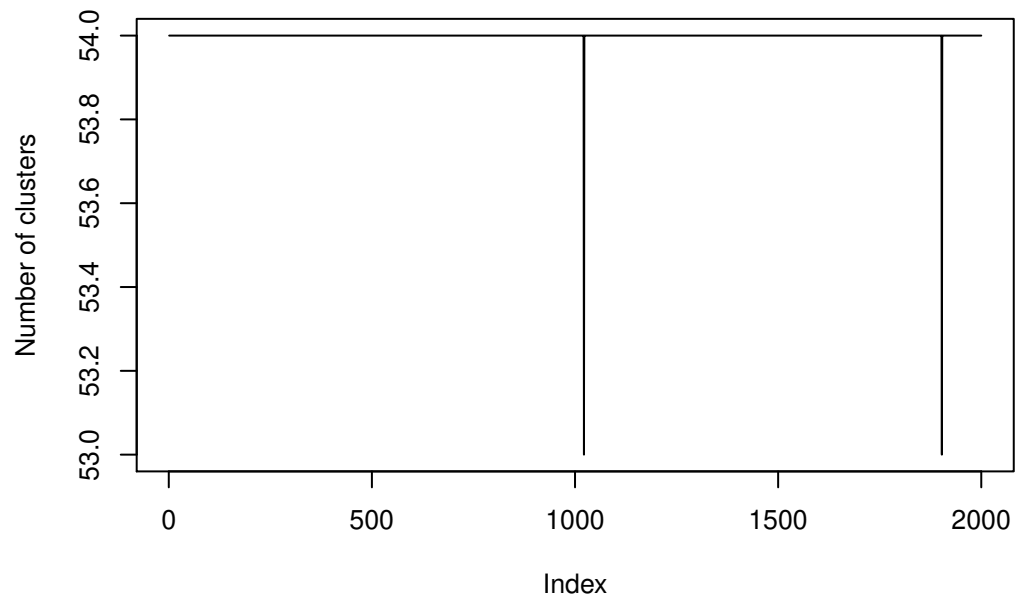
**Traceplot of alpha**



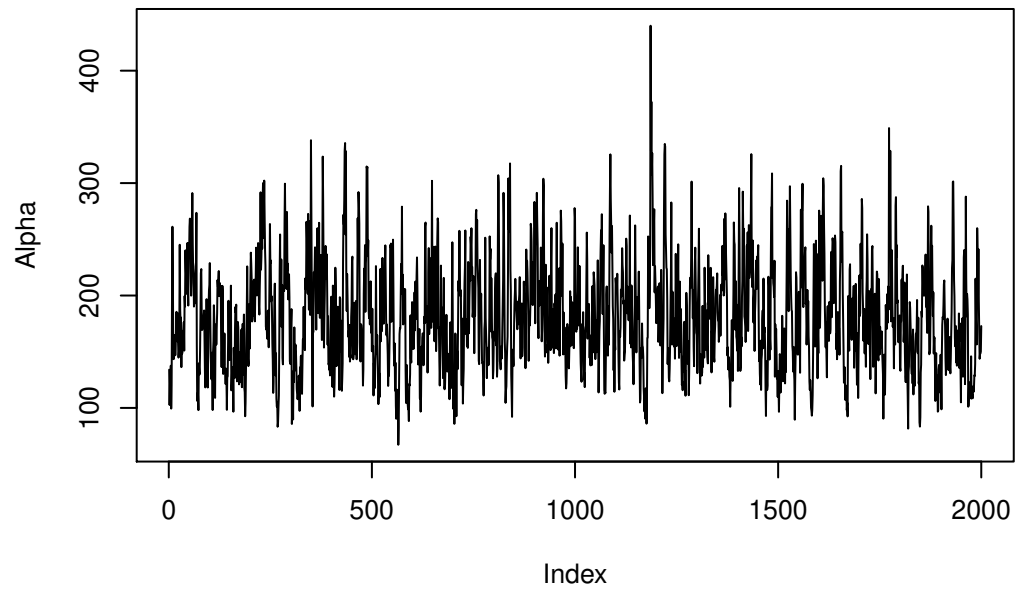
**Prior and posterior of alpha**



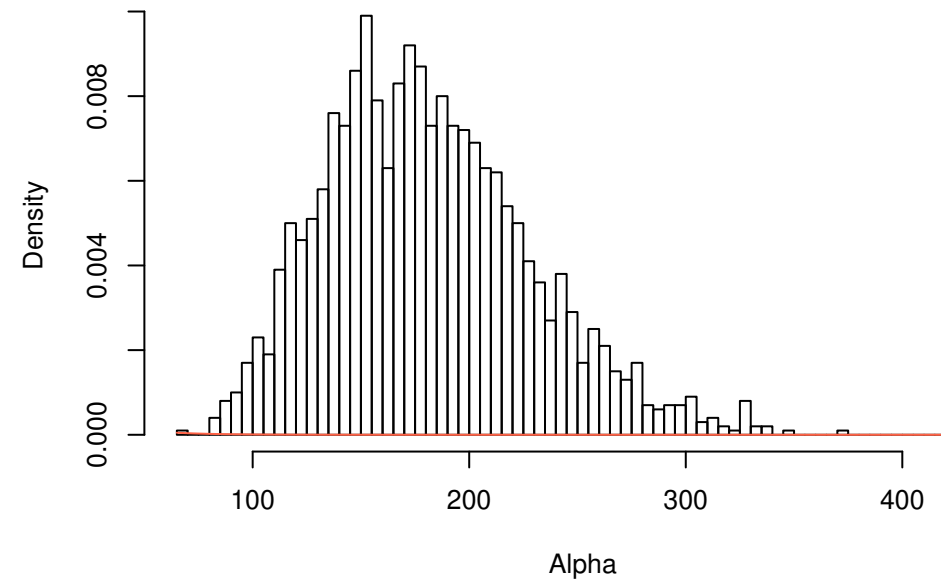
**Traceplot of the number of clusters**



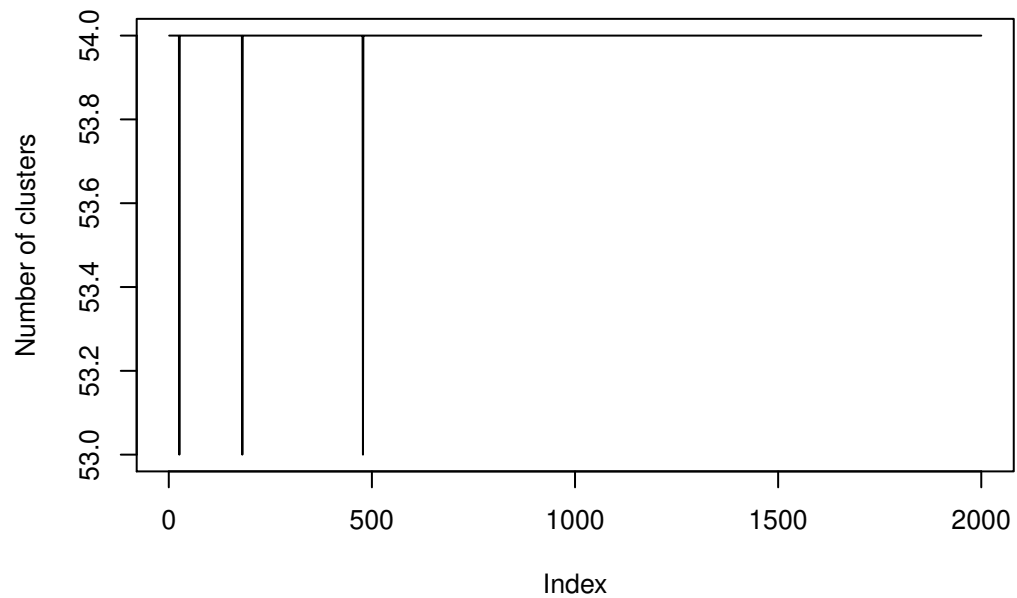
**Traceplot of alpha**



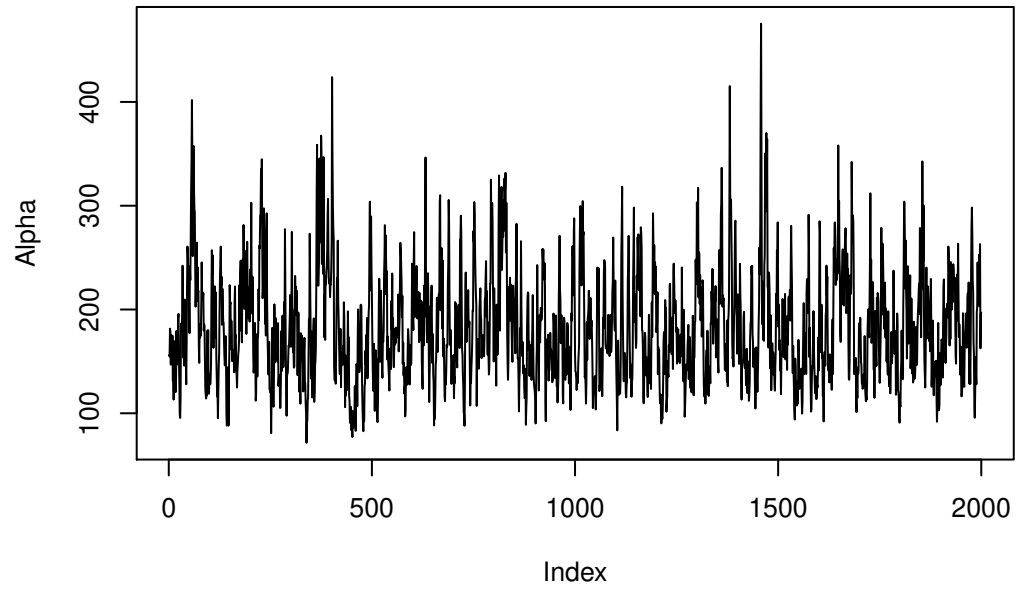
**Prior and posterior of alpha**



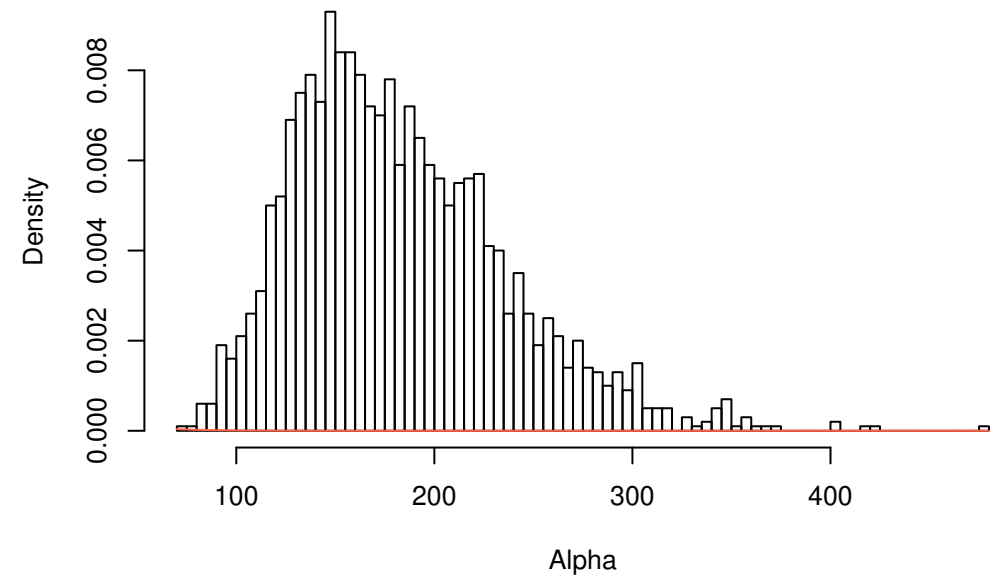
**Traceplot of the number of clusters**



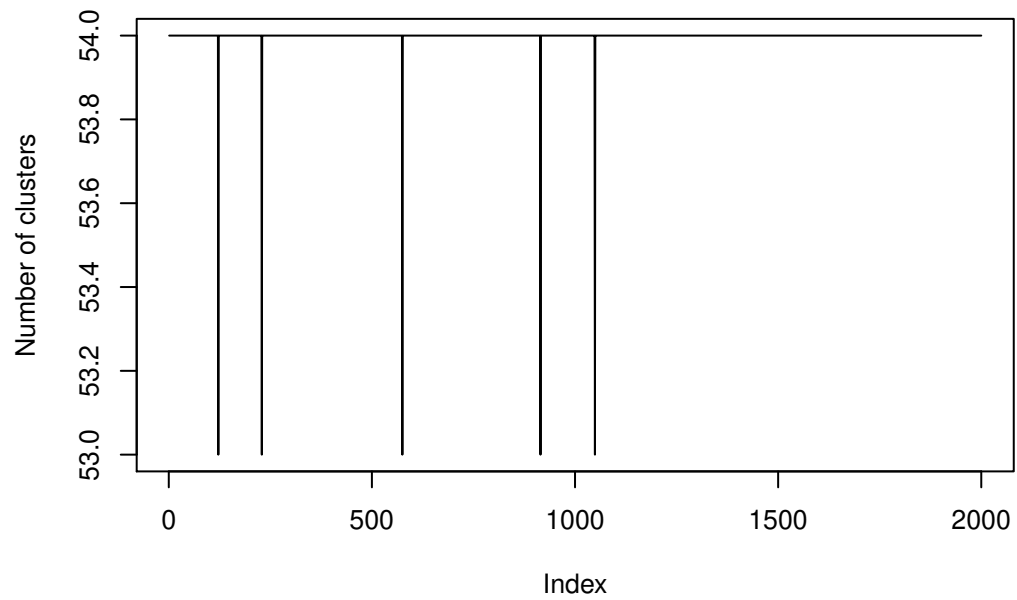
**Traceplot of alpha**



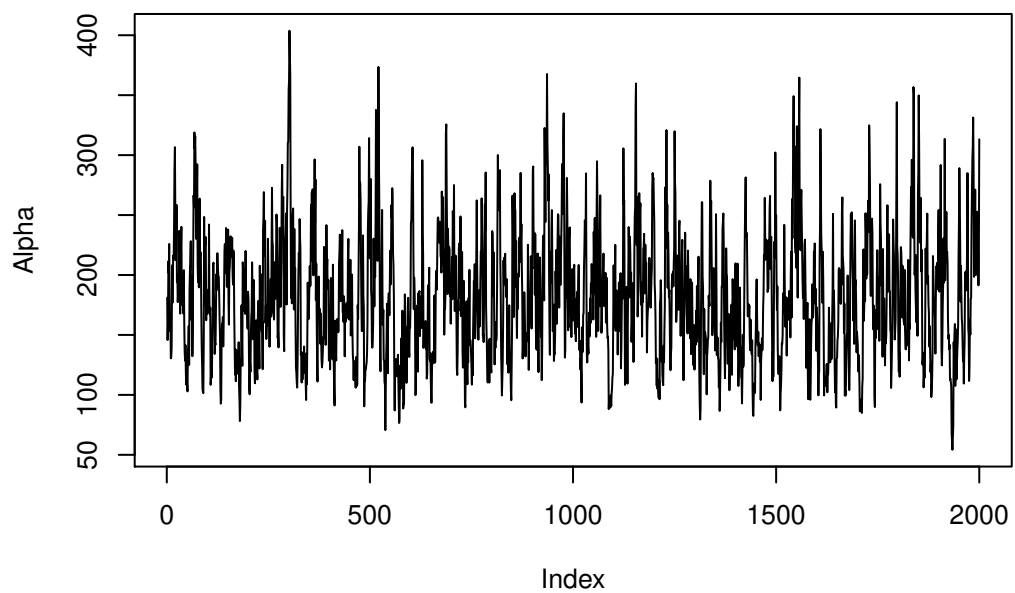
**Prior and posterior of alpha**



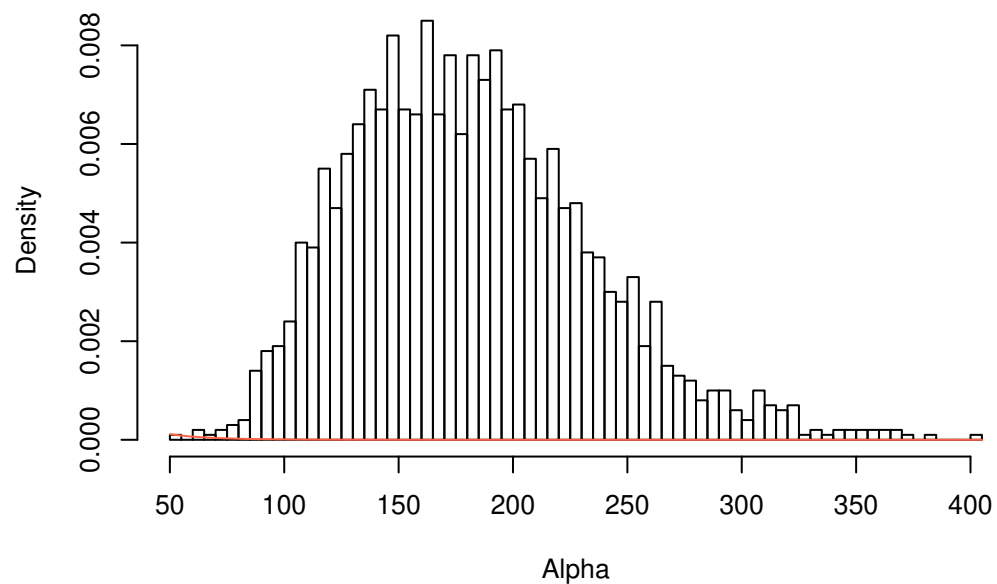
**Traceplot of the number of clusters**



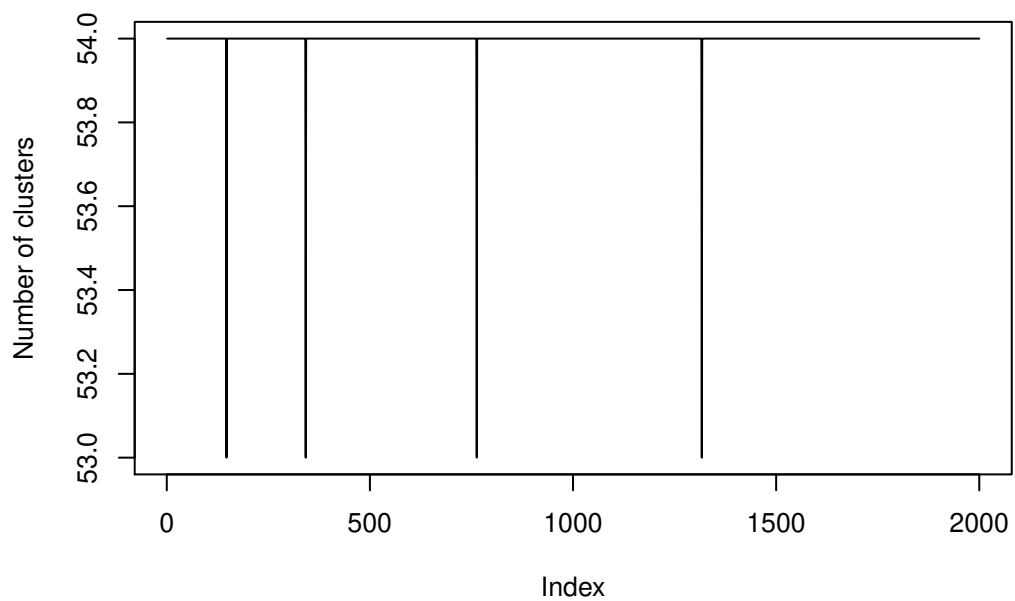
**Traceplot of alpha**



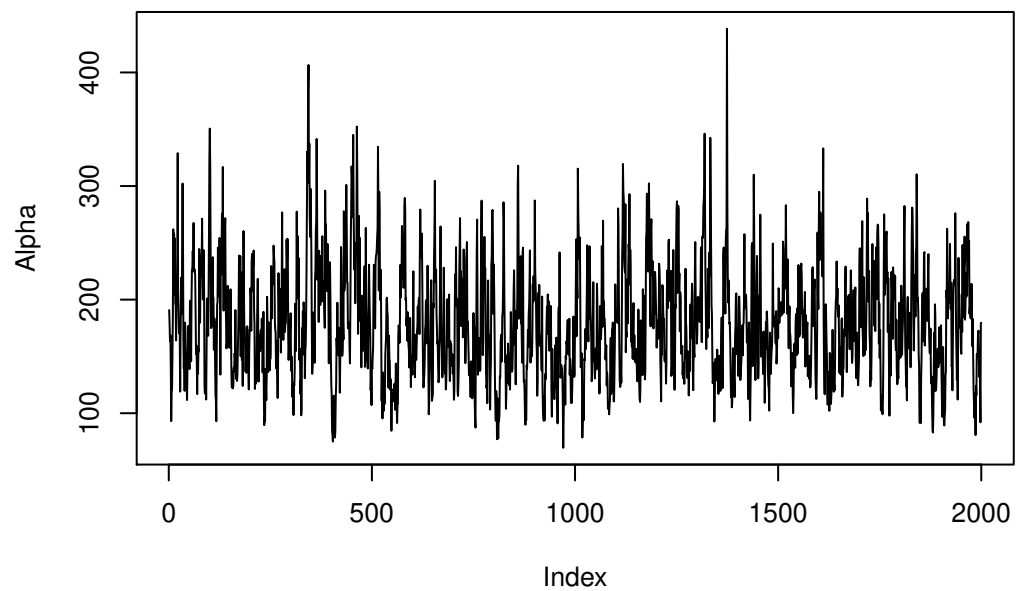
**Prior and posterior of alpha**



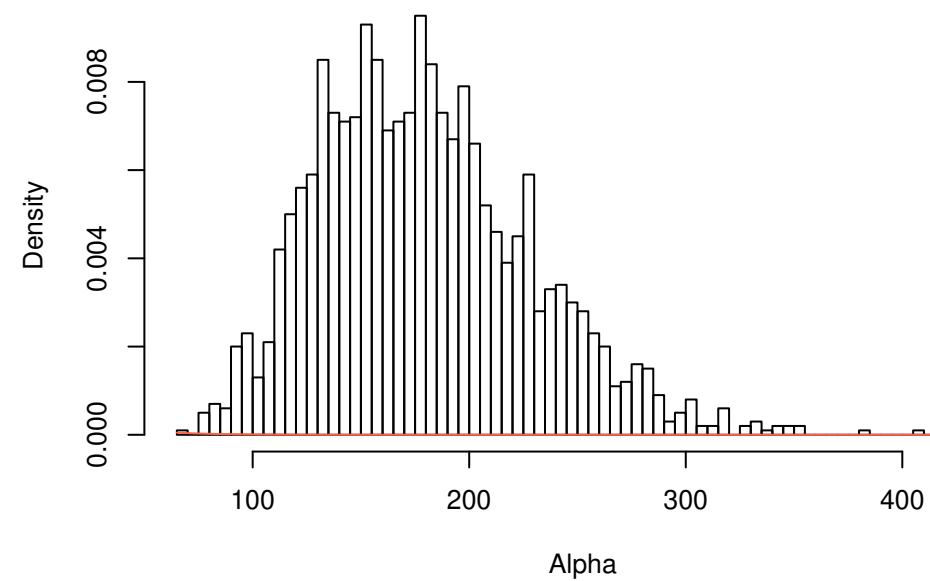
**Traceplot of the number of clusters**



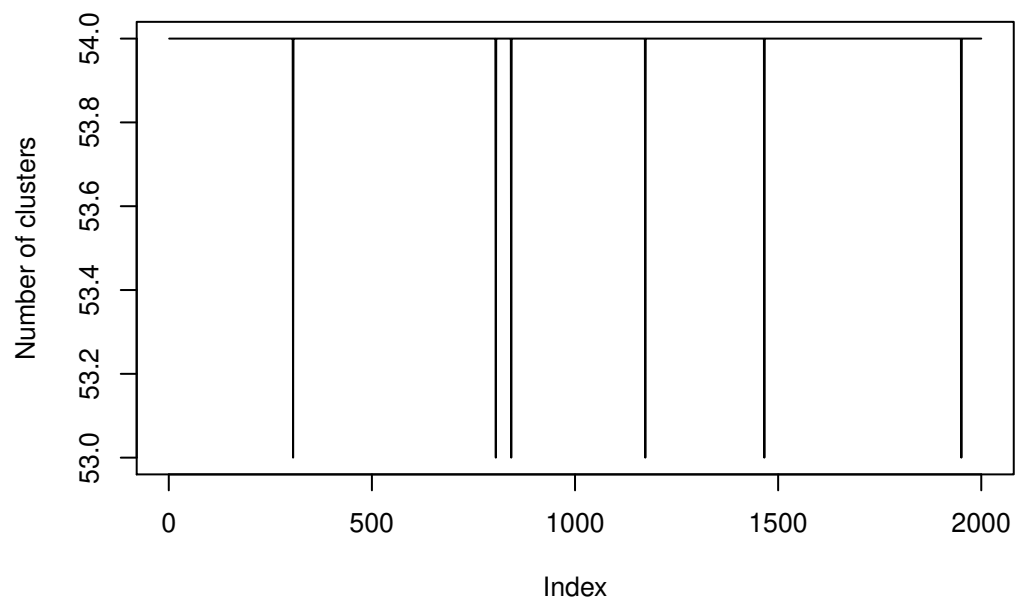
**Traceplot of alpha**



**Prior and posterior of alpha**

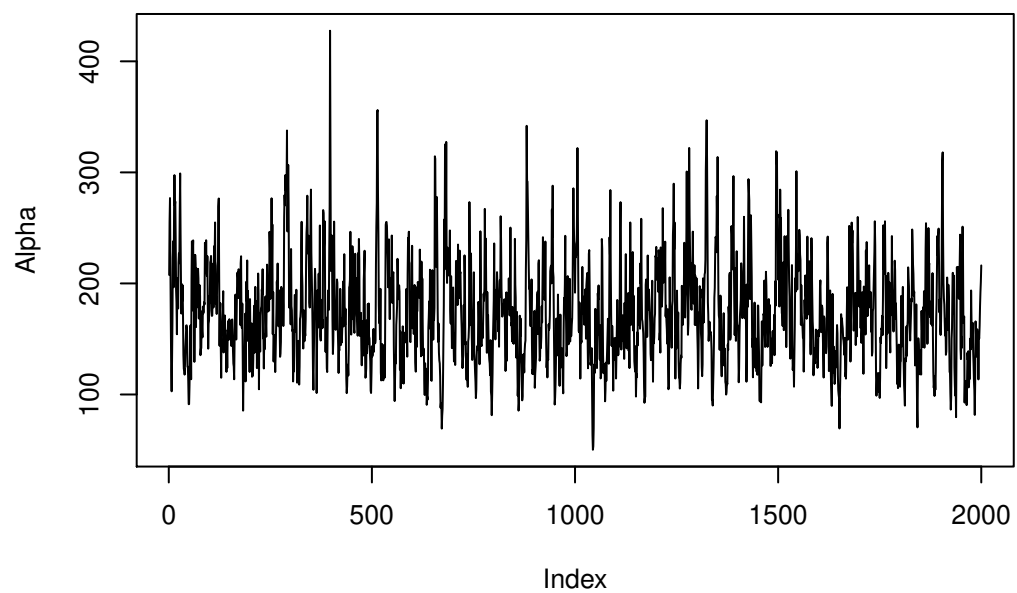


**Traceplot of the number of clusters**

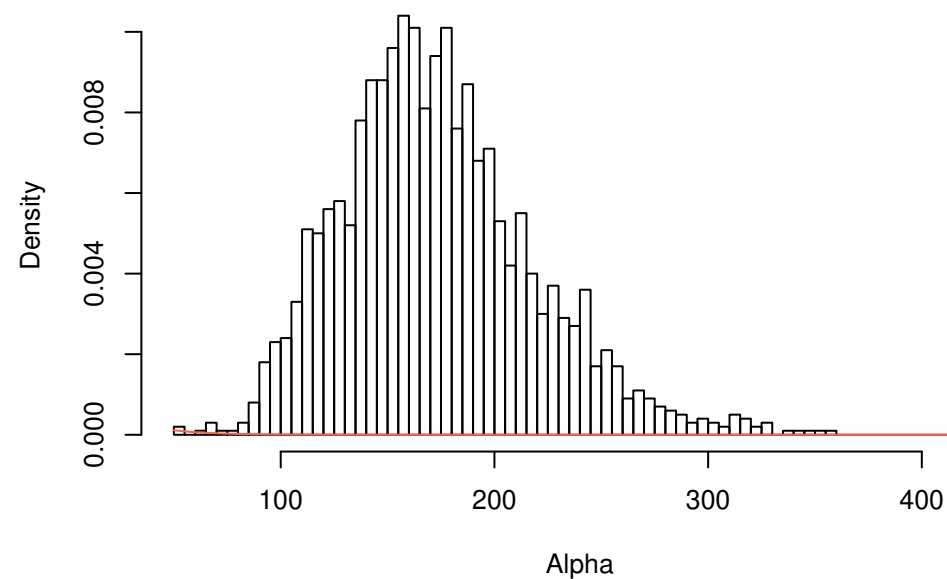




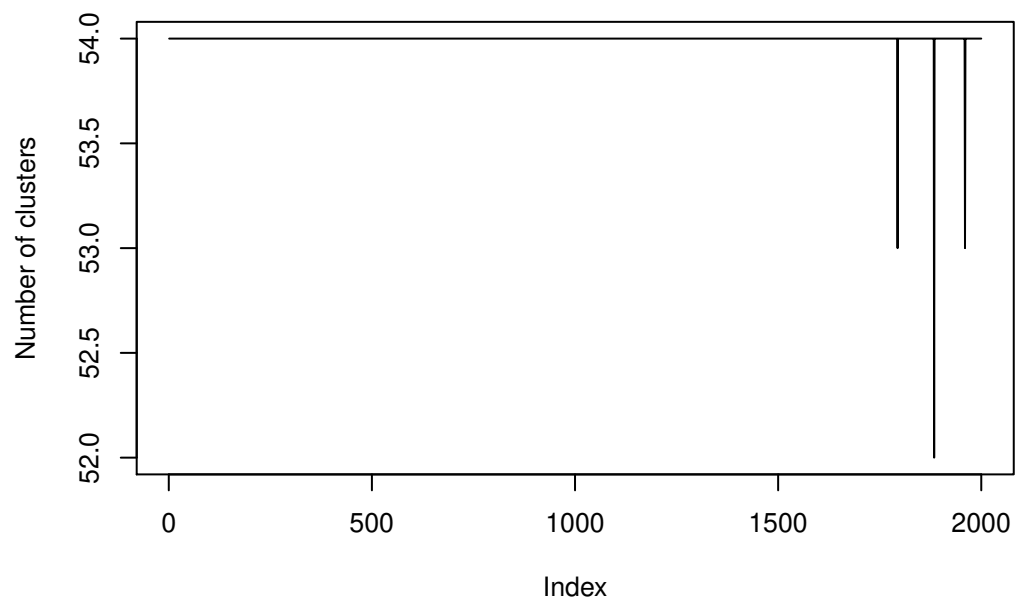
**Traceplot of alpha**



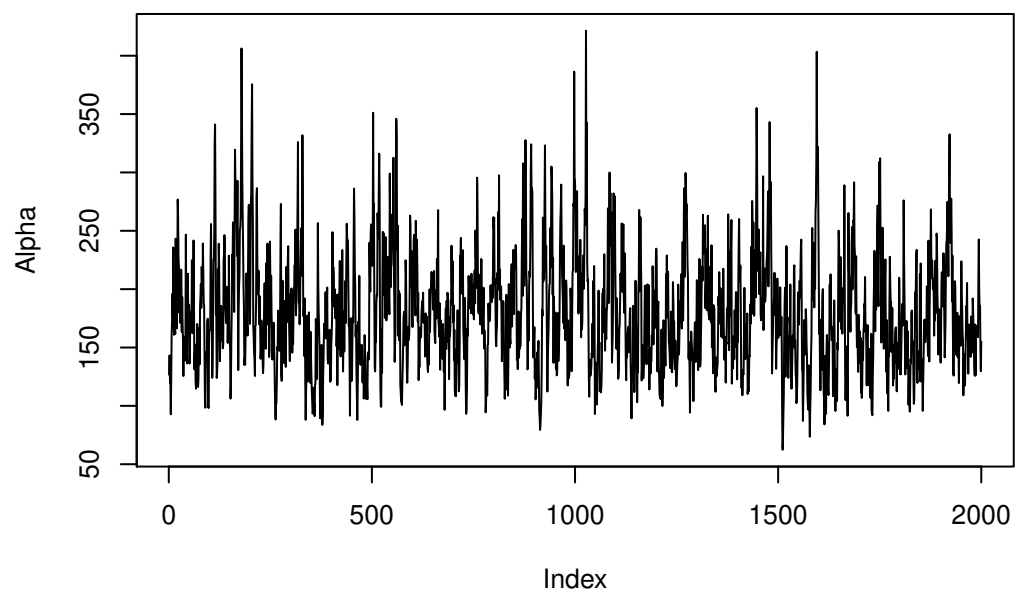
**Prior and posterior of alpha**



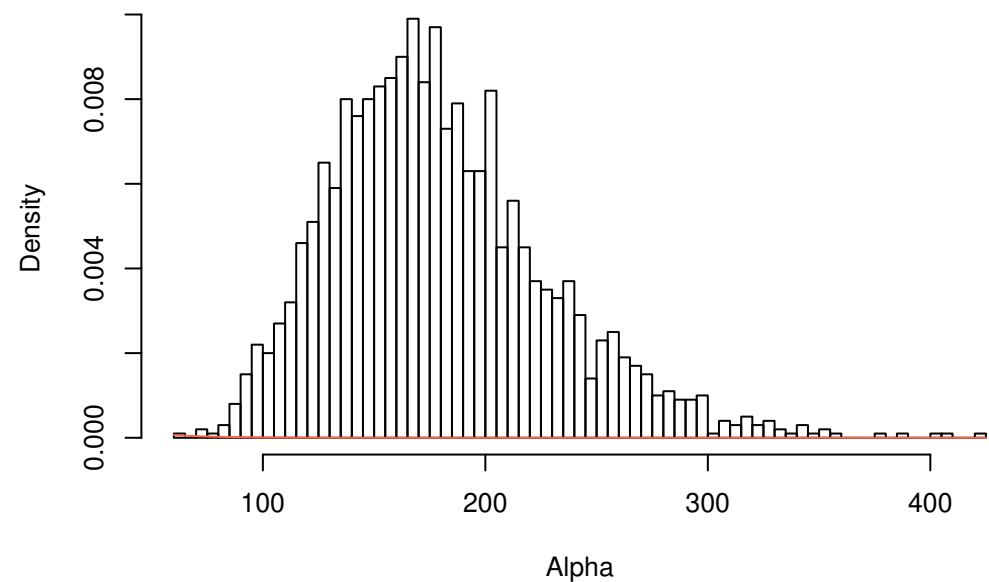
**Traceplot of the number of clusters**



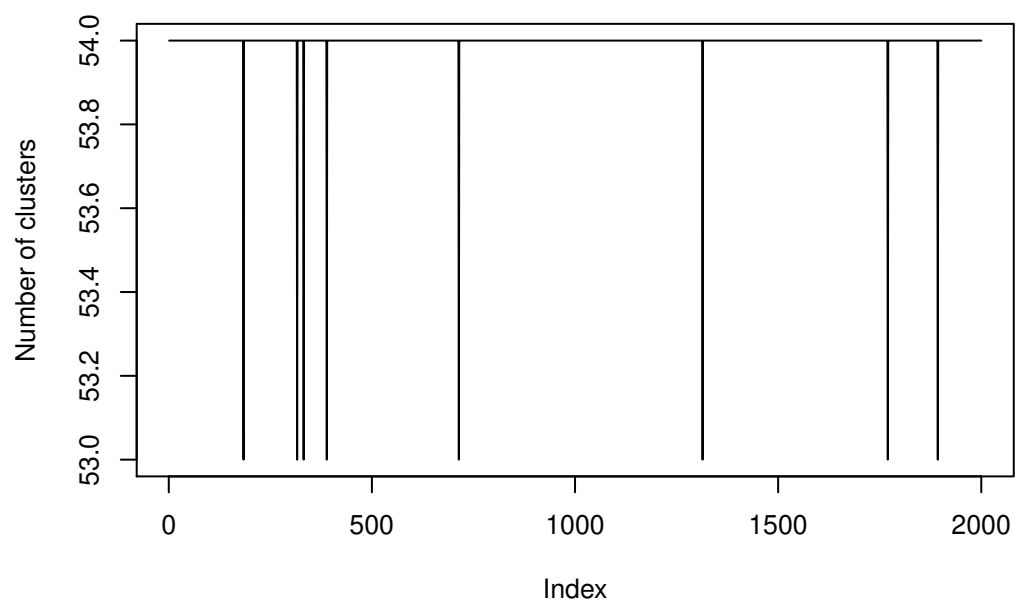
**Traceplot of alpha**



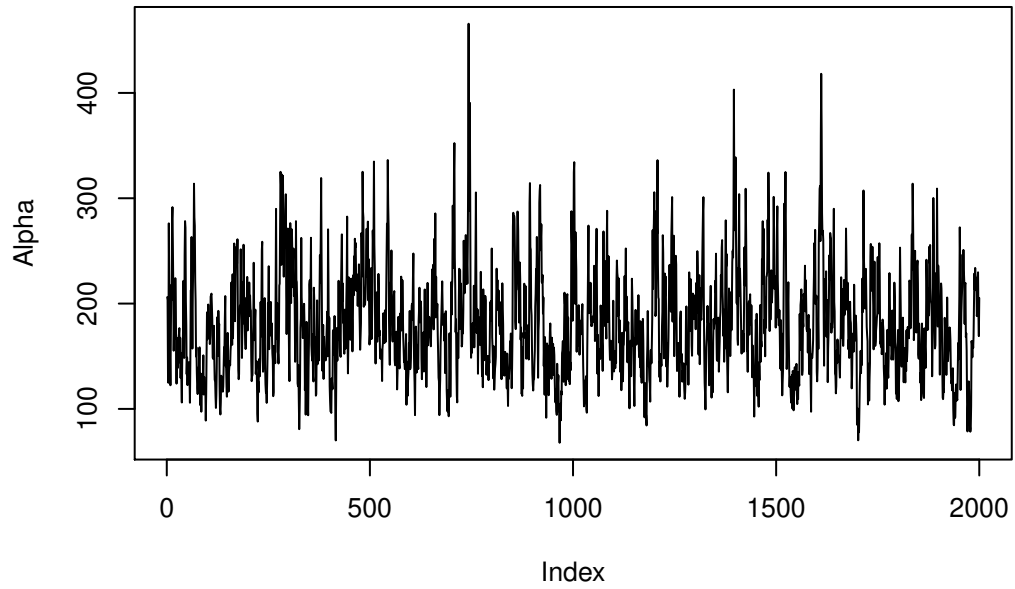
**Prior and posterior of alpha**



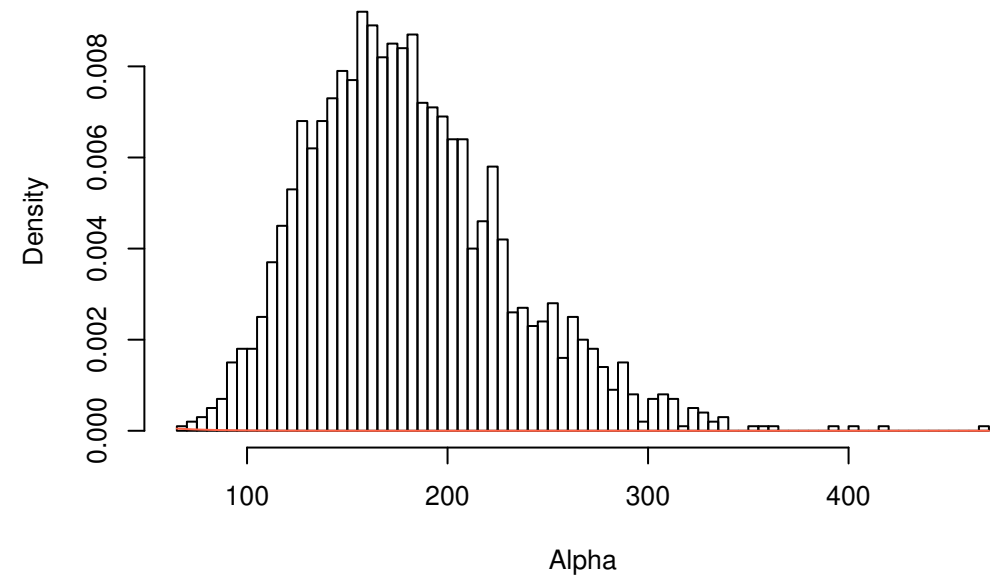
**Traceplot of the number of clusters**



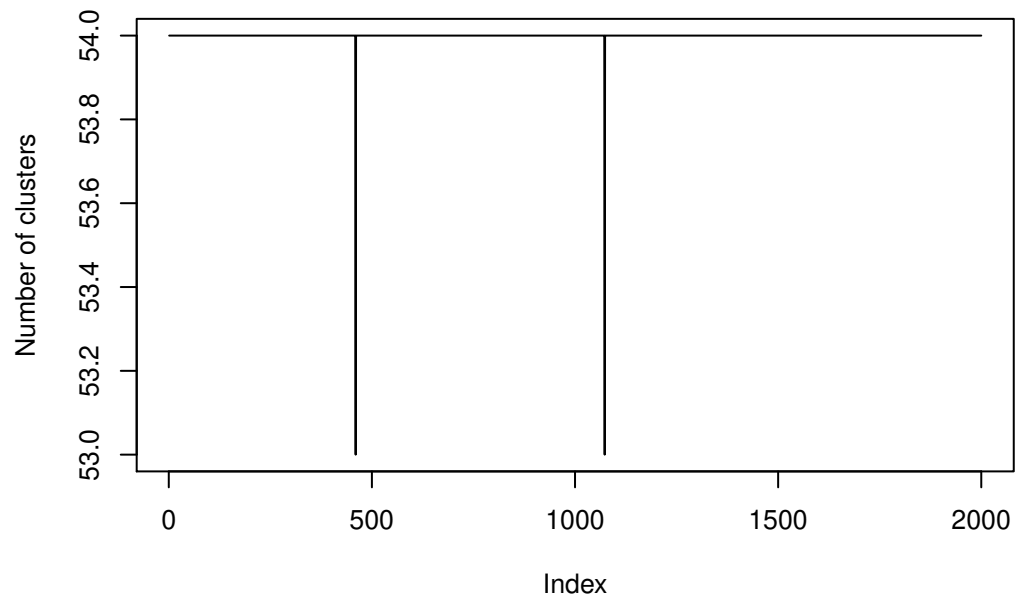
**Traceplot of alpha**



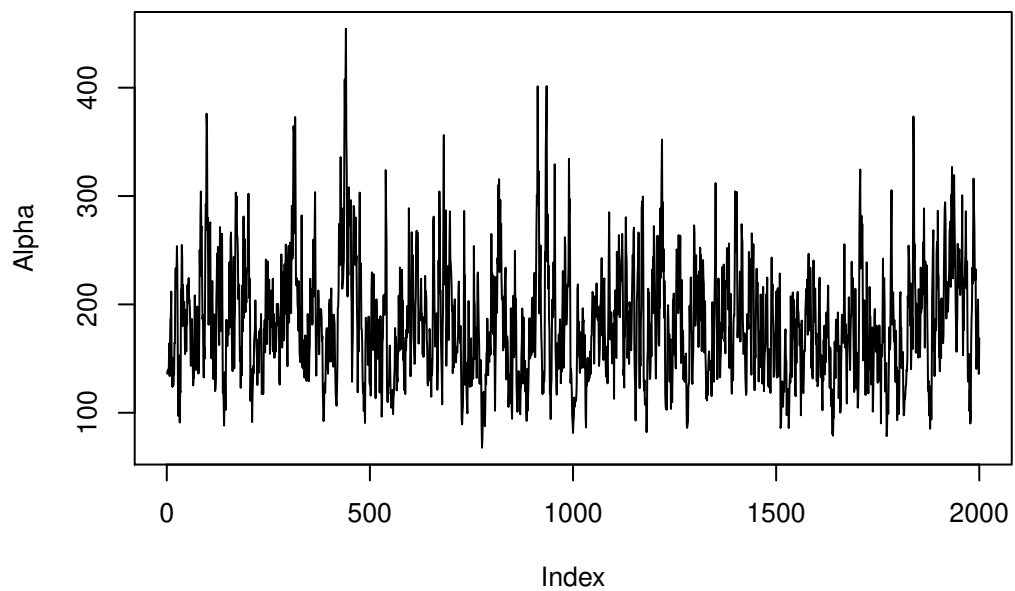
**Prior and posterior of alpha**



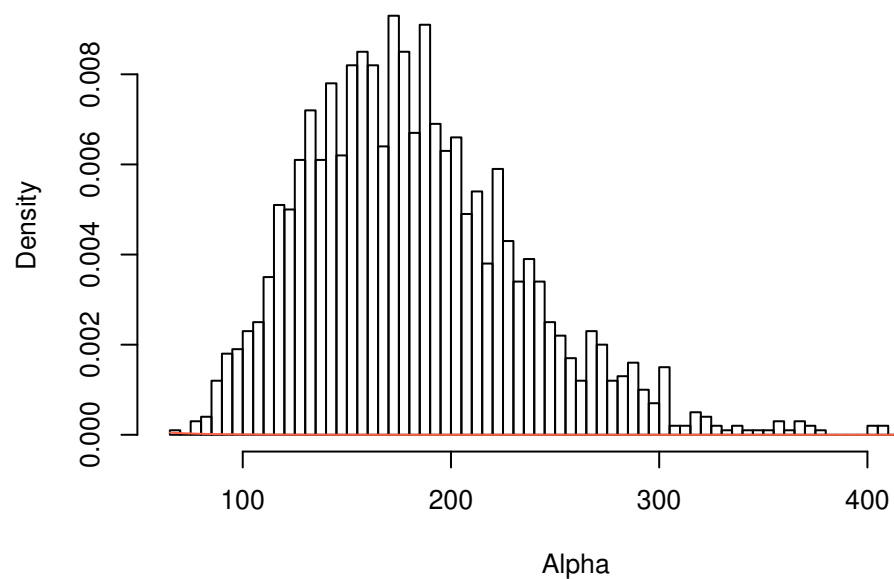
**Traceplot of the number of clusters**



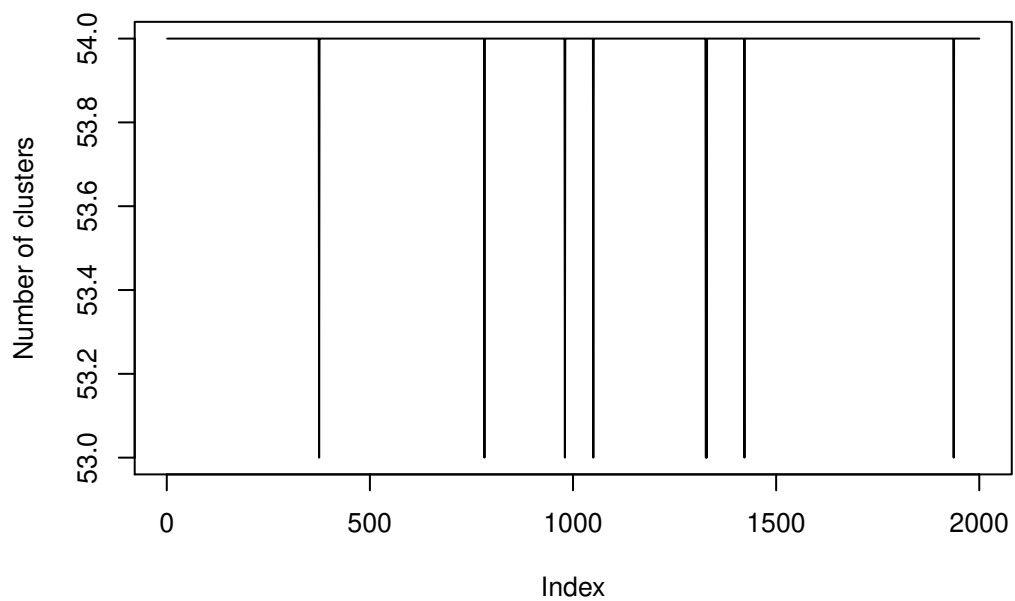
**Traceplot of alpha**



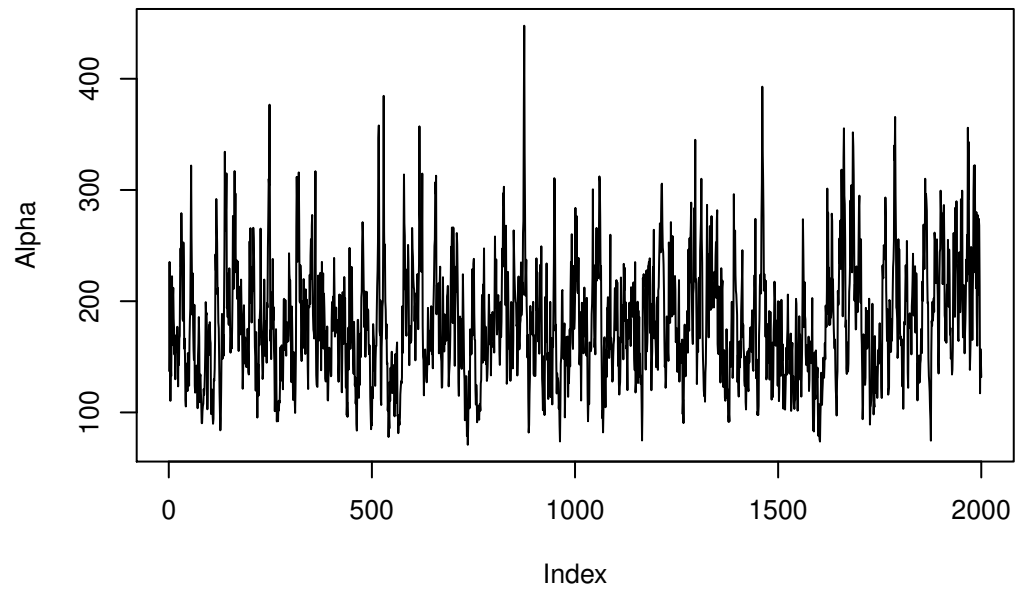
**Prior and posterior of alpha**



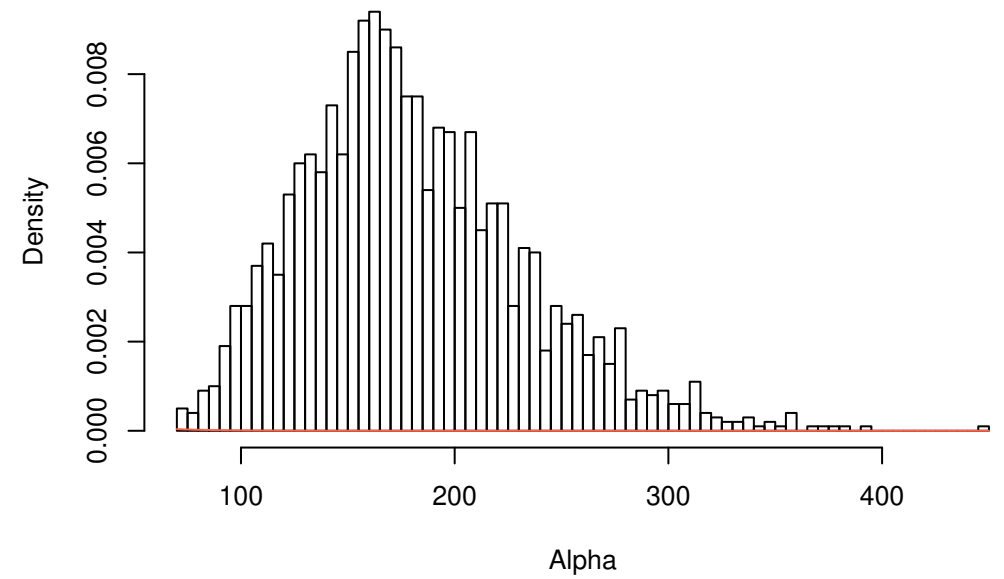
**Traceplot of the number of clusters**



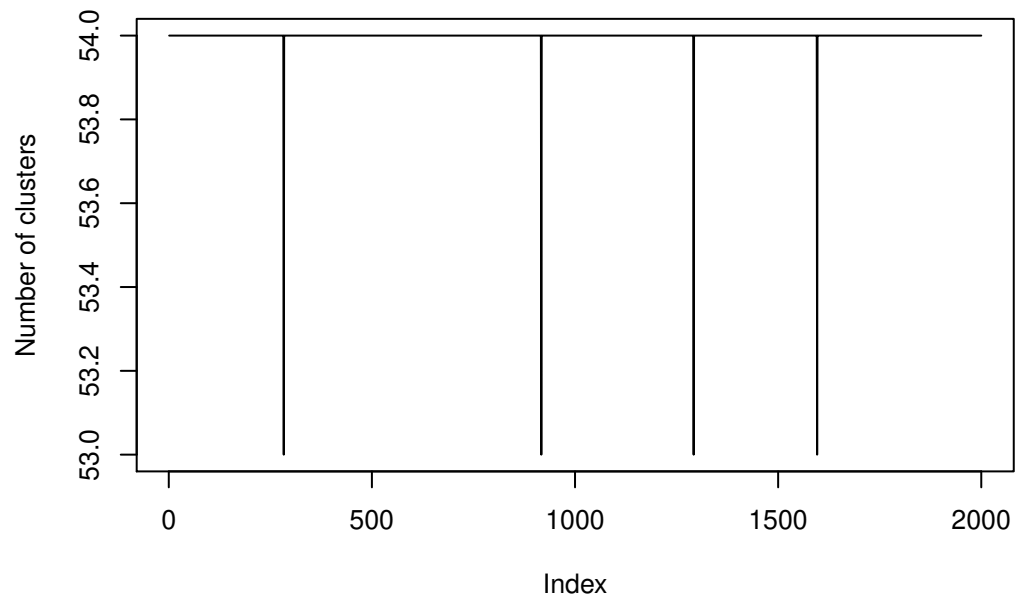
**Traceplot of alpha**



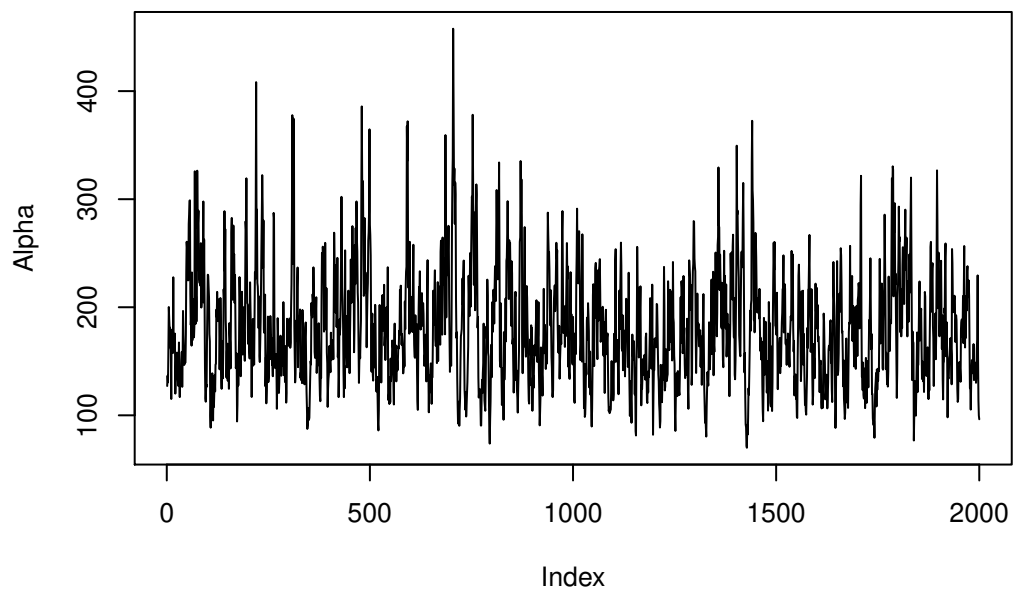
**Prior and posterior of alpha**



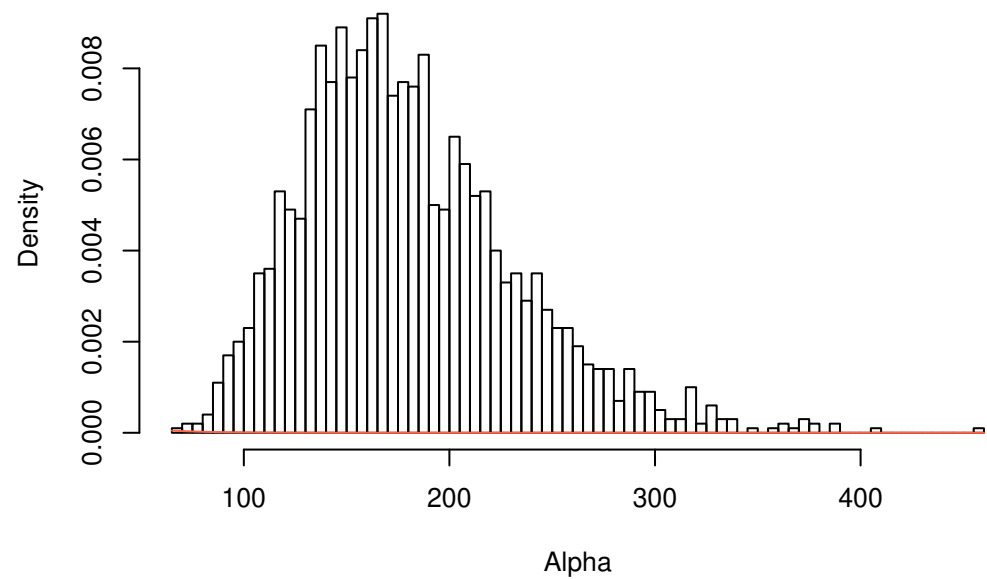
**Traceplot of the number of clusters**



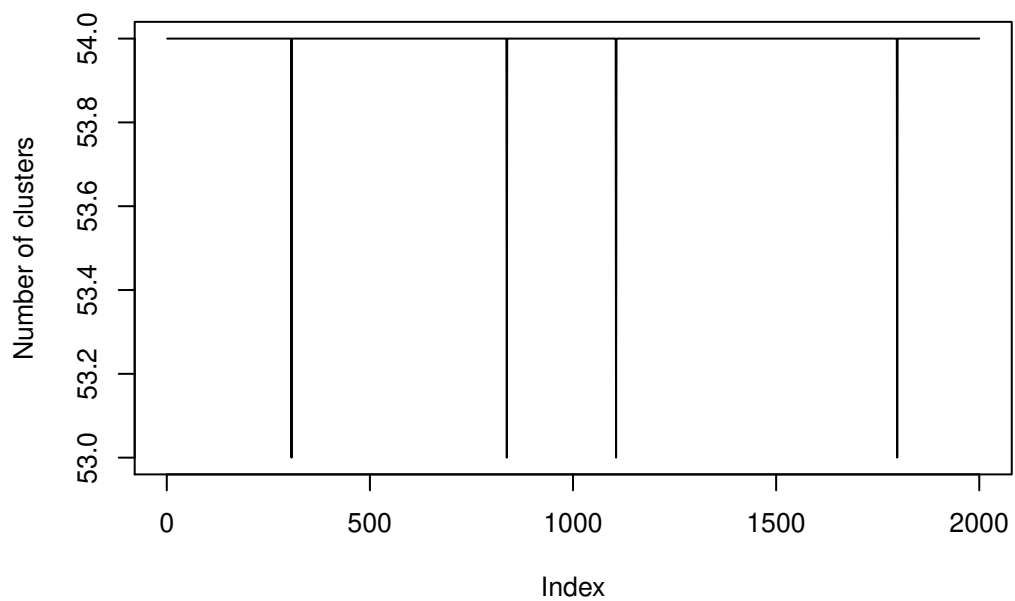
**Traceplot of alpha**



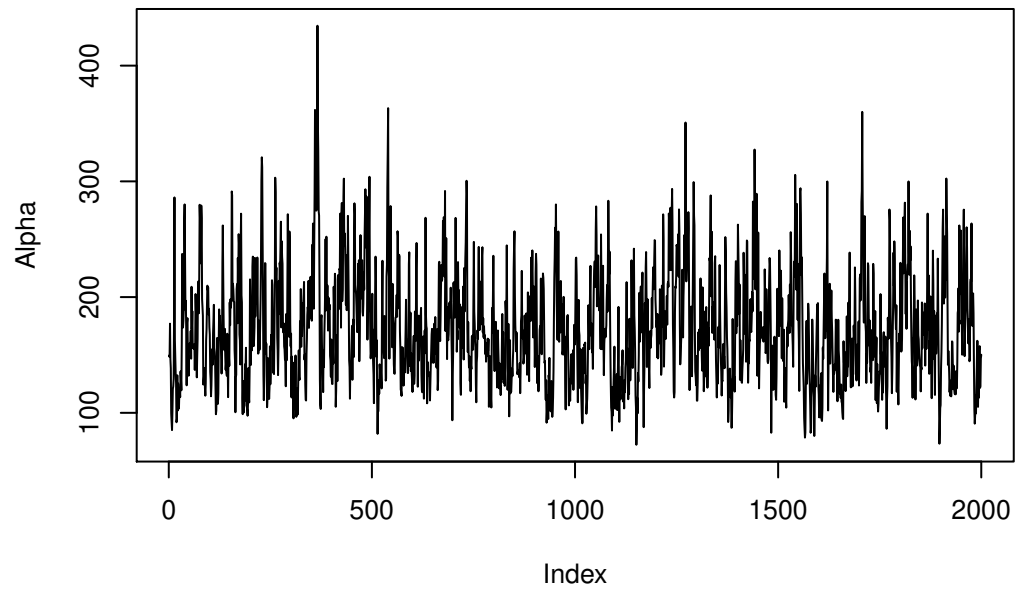
**Prior and posterior of alpha**



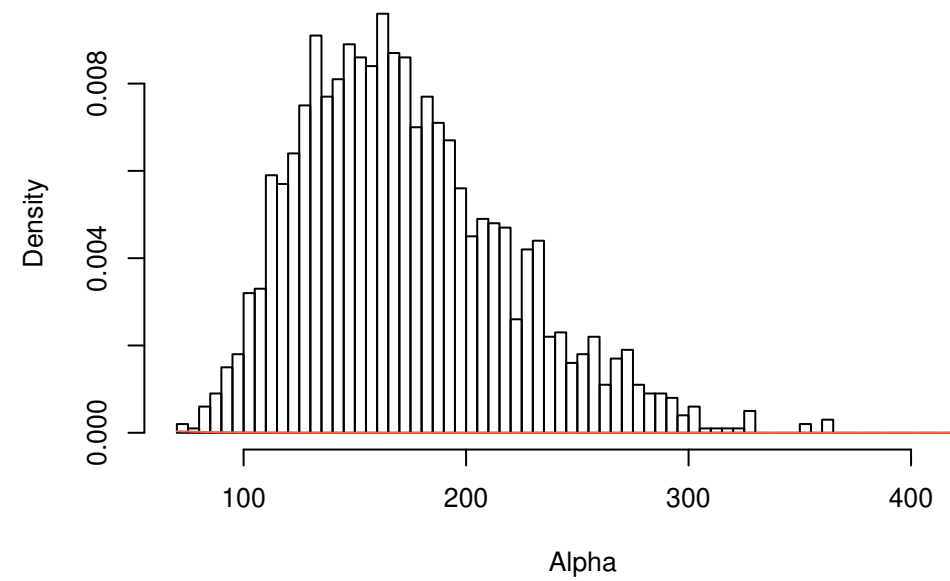
**Traceplot of the number of clusters**



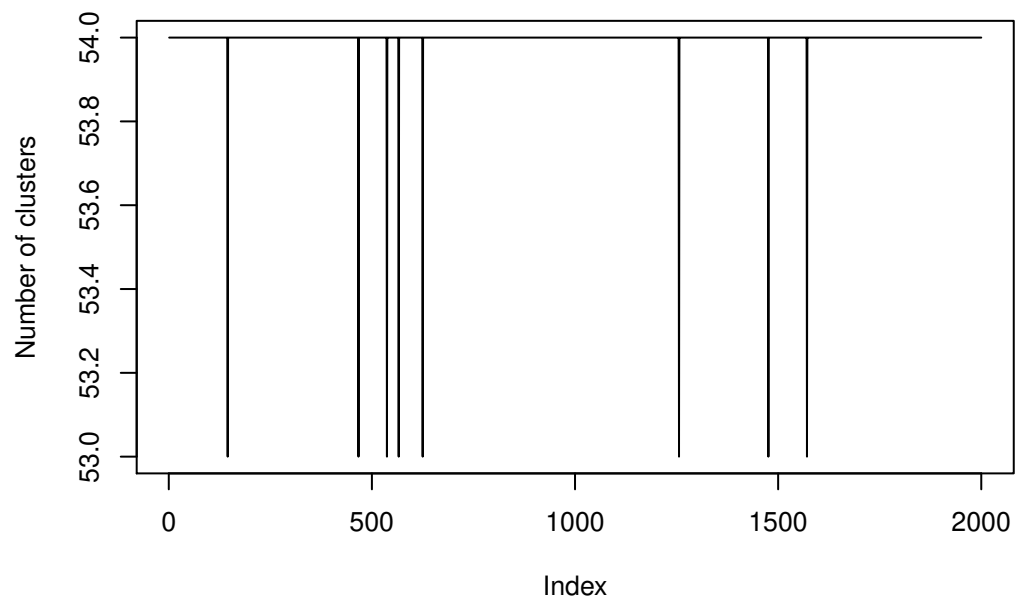
**Traceplot of alpha**



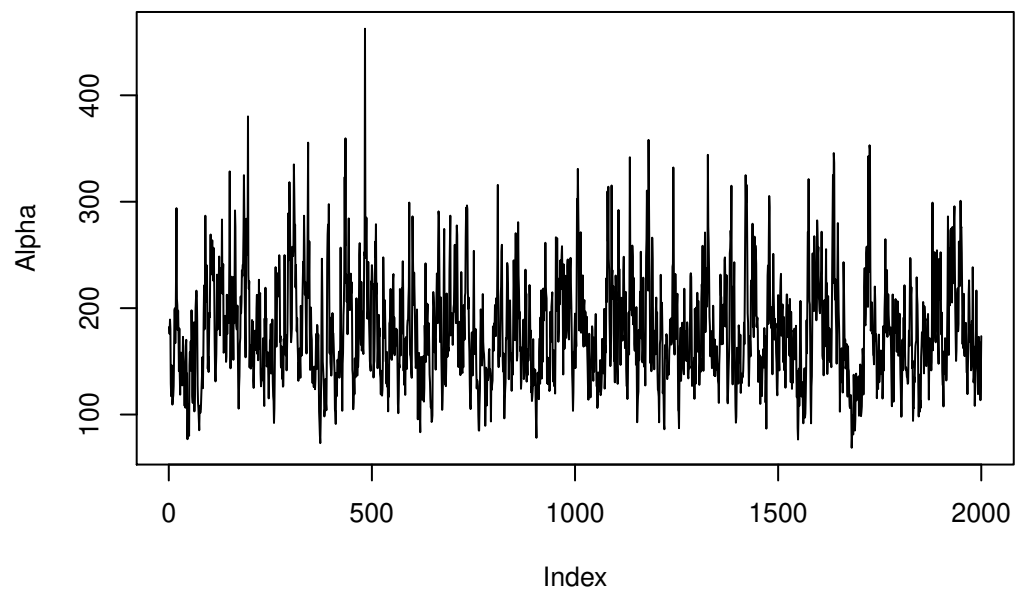
**Prior and posterior of alpha**



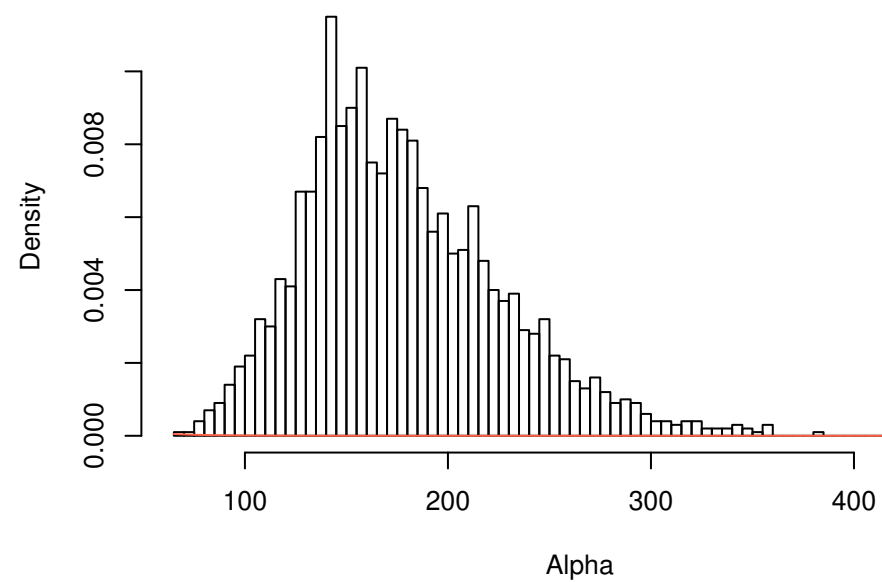
**Traceplot of the number of clusters**



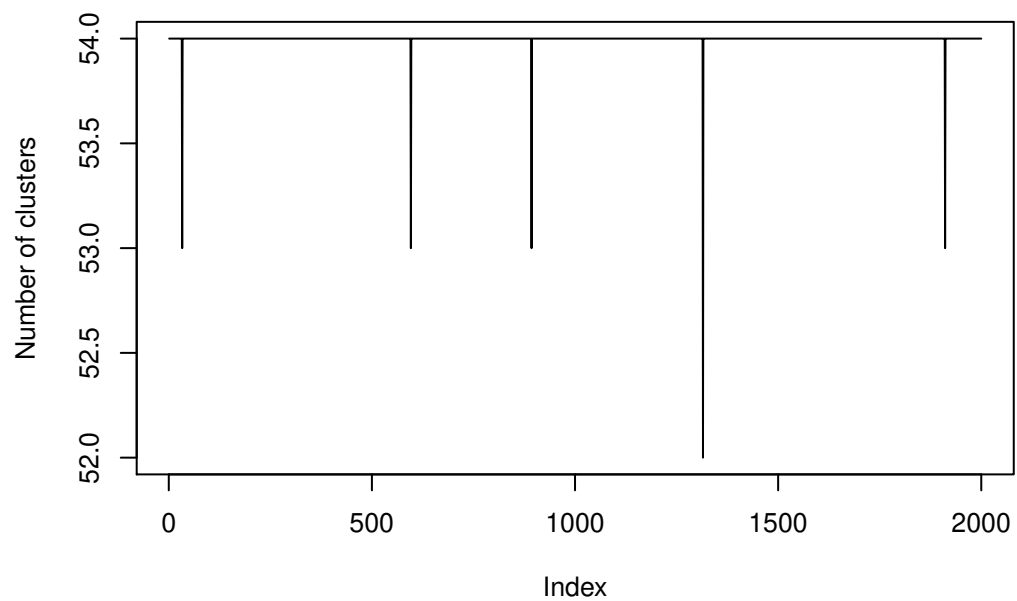
**Traceplot of alpha**



**Prior and posterior of alpha**

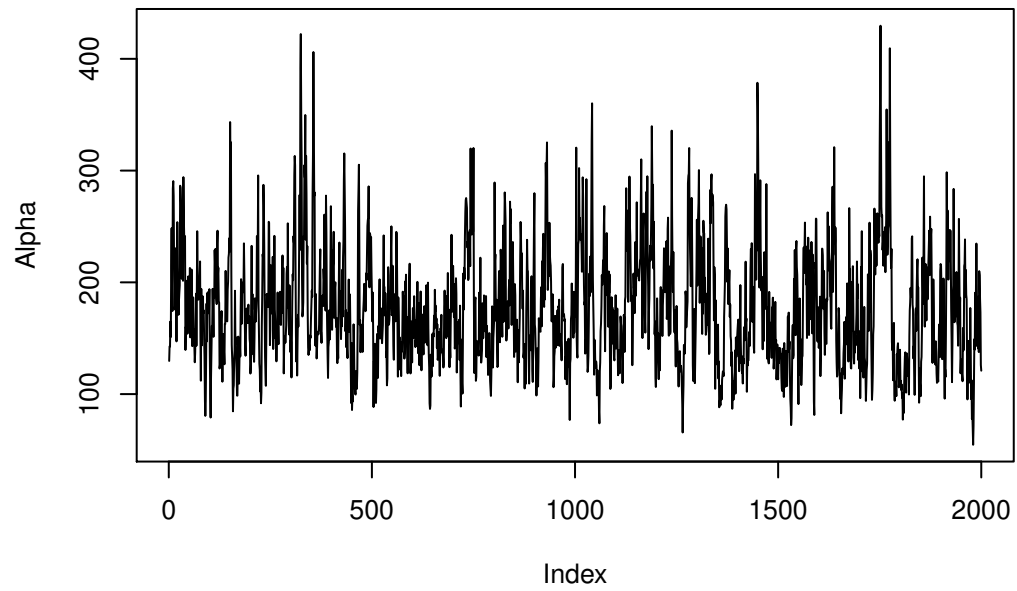


**Traceplot of the number of clusters**

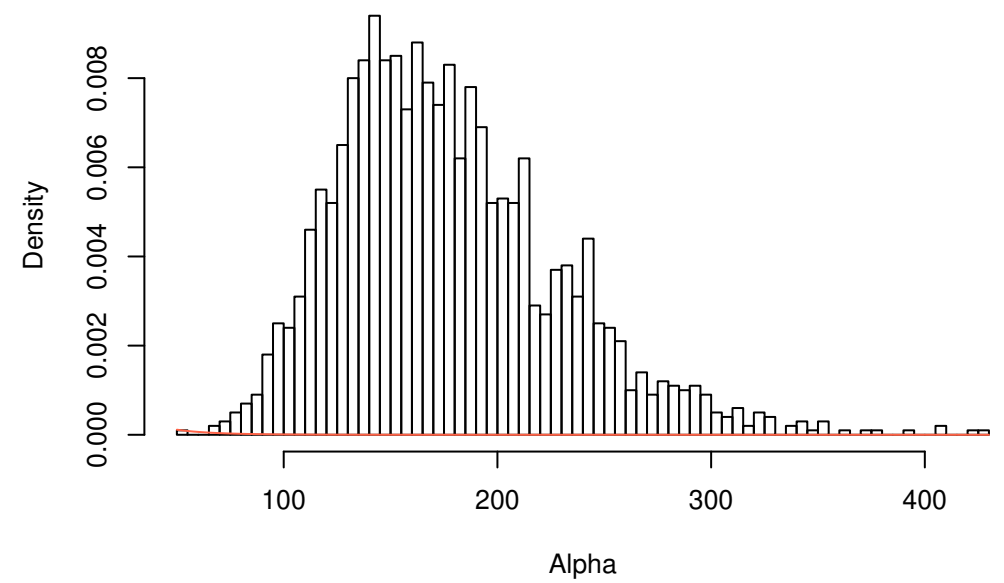




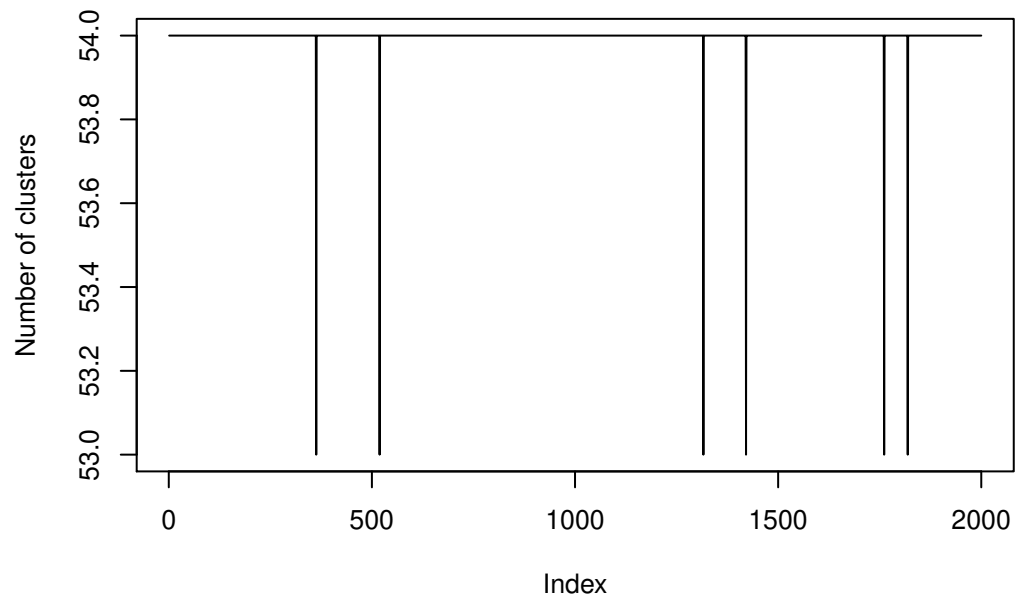
**Traceplot of alpha**



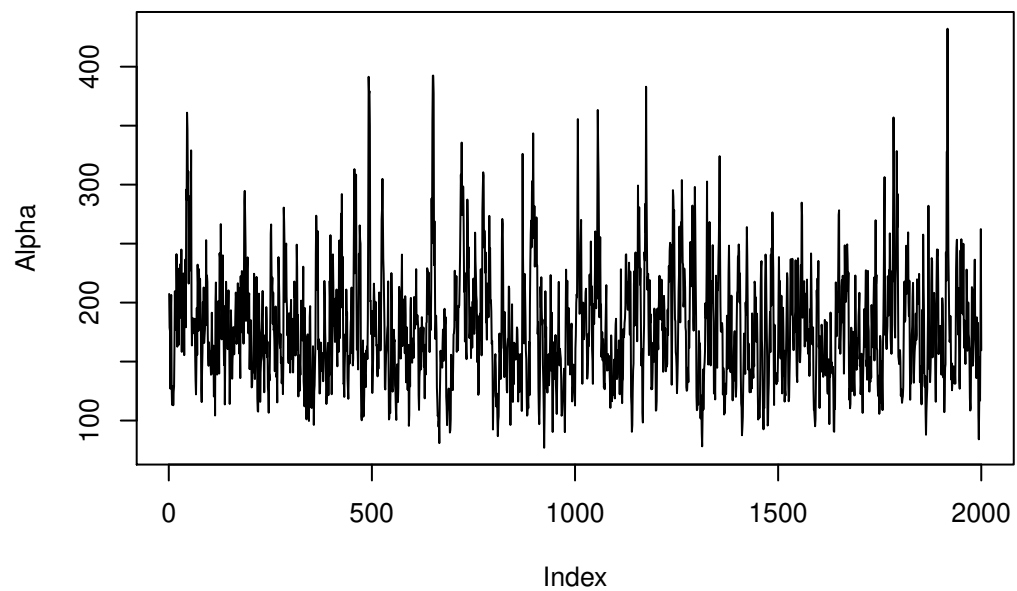
**Prior and posterior of alpha**



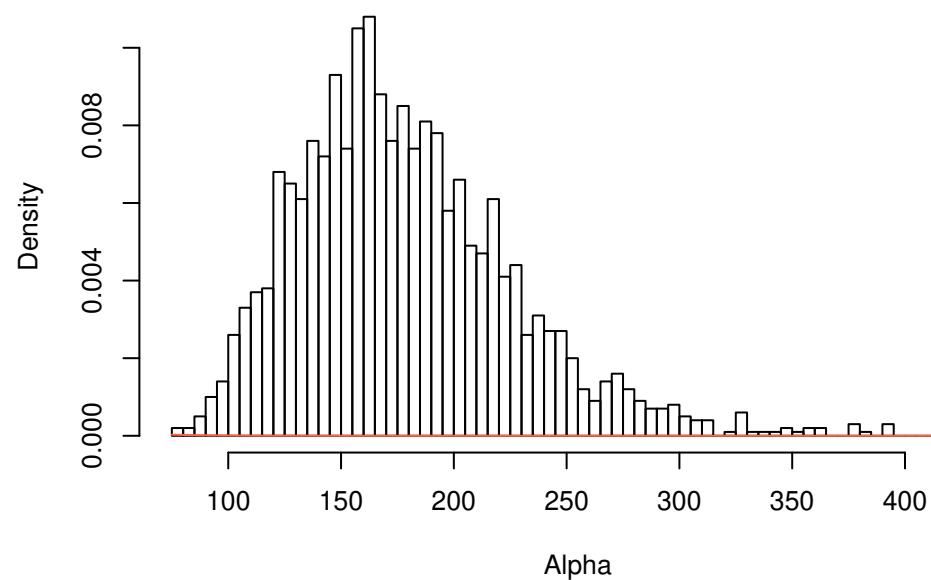
**Traceplot of the number of clusters**



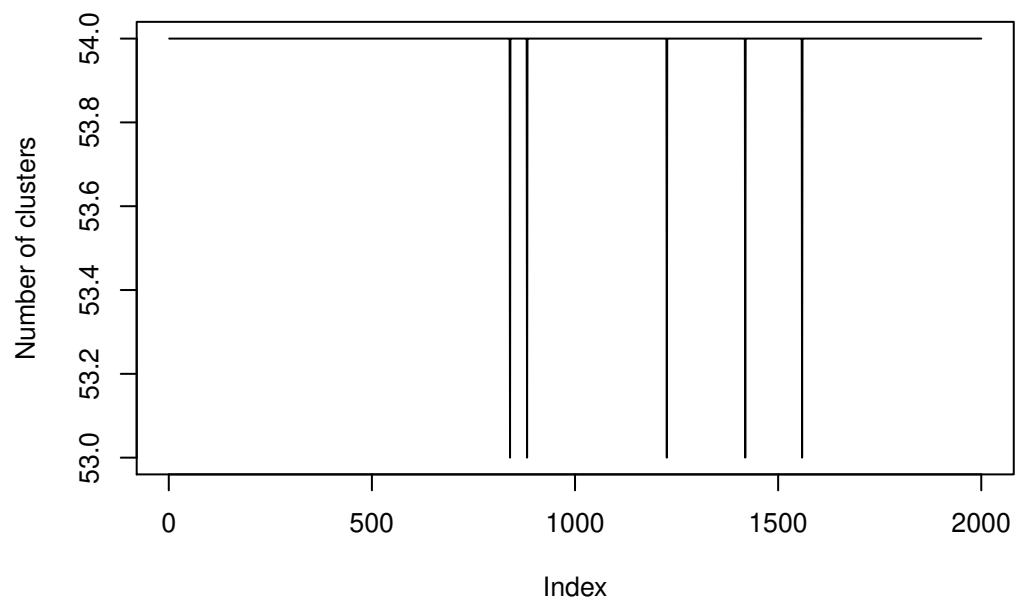
**Traceplot of alpha**



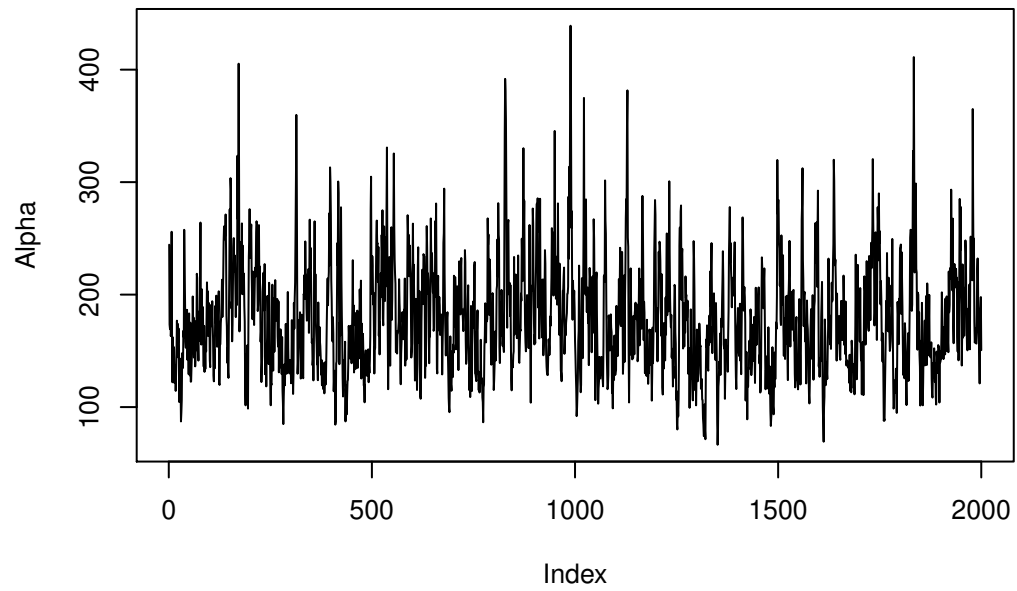
**Prior and posterior of alpha**



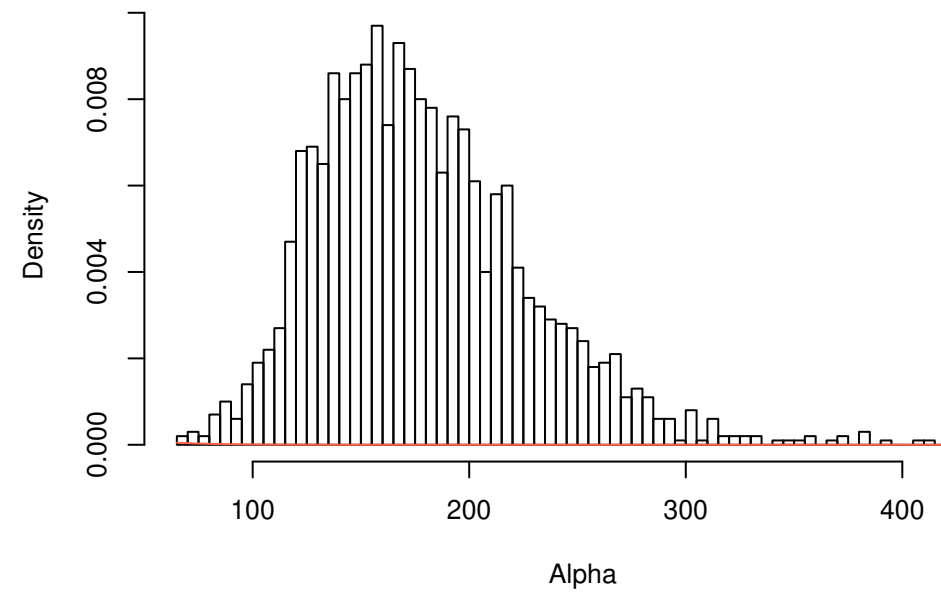
**Traceplot of the number of clusters**



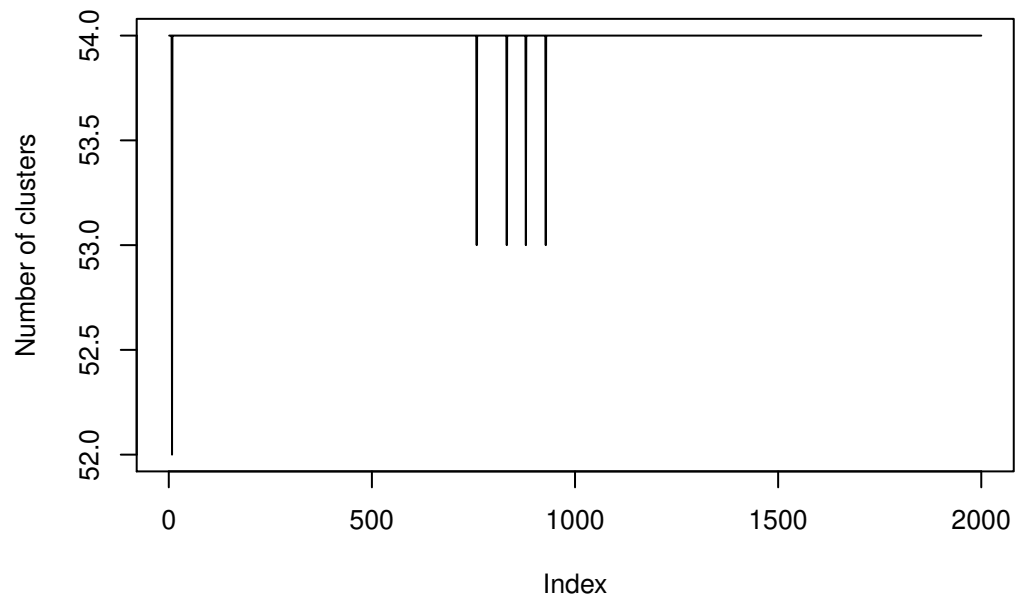
**Traceplot of alpha**



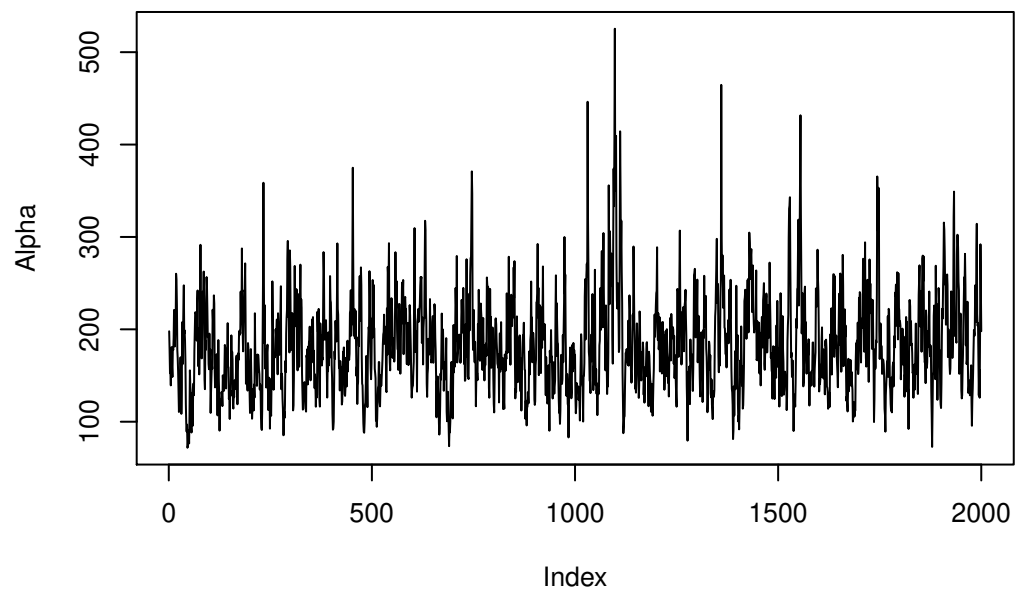
**Prior and posterior of alpha**



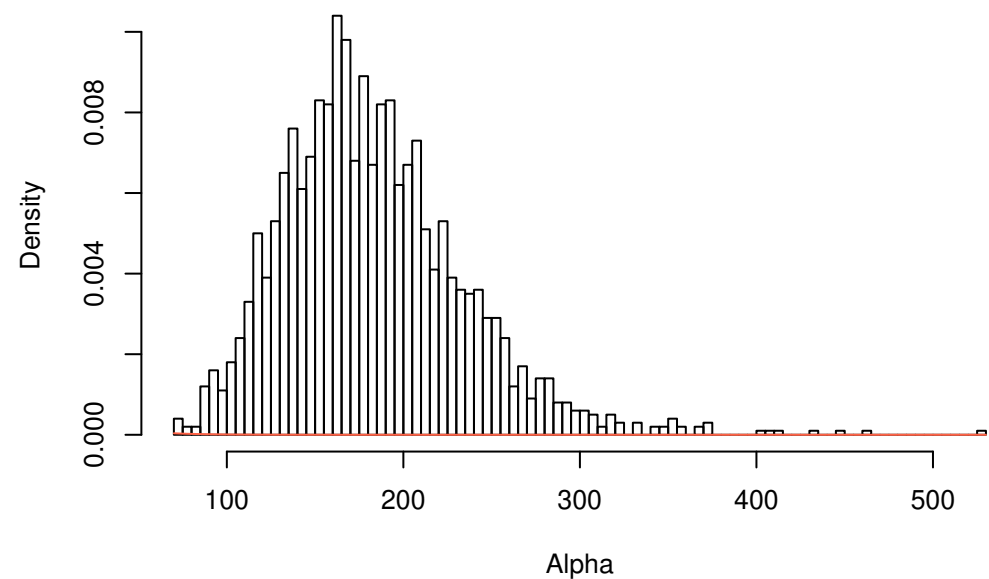
**Traceplot of the number of clusters**



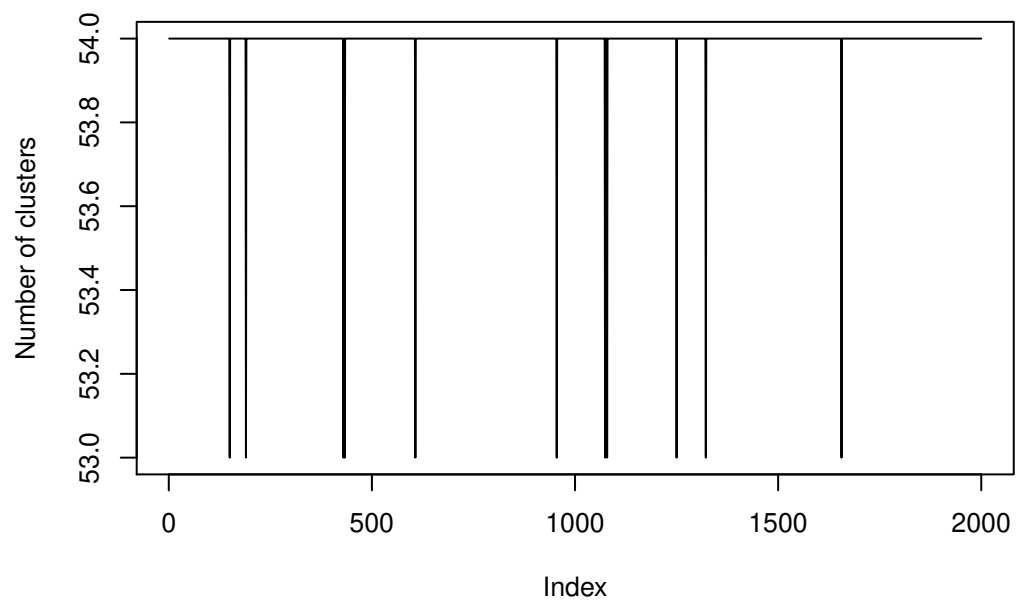
**Traceplot of alpha**



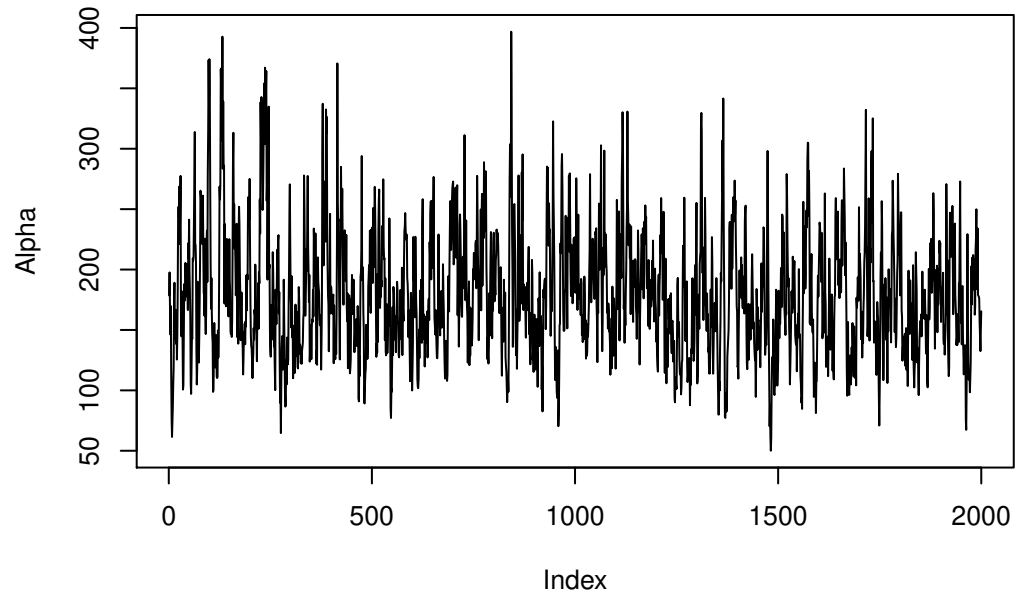
**Prior and posterior of alpha**



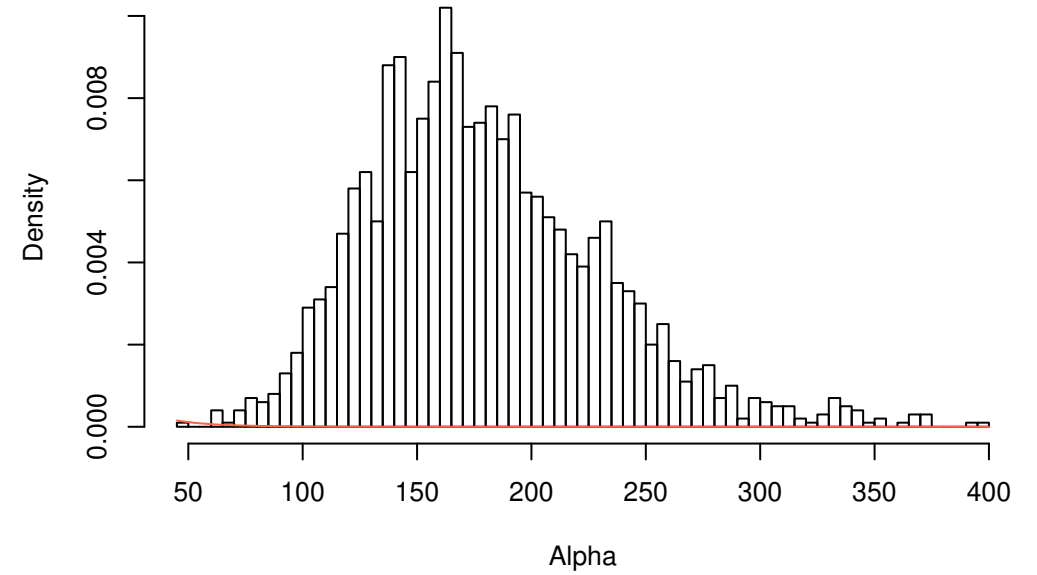
**Traceplot of the number of clusters**



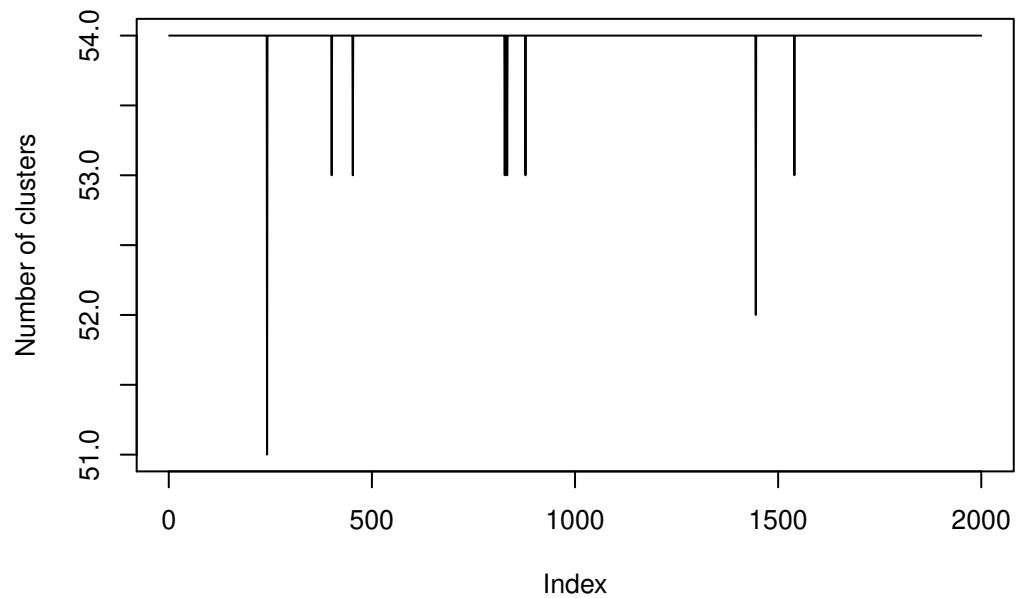
**Traceplot of alpha**



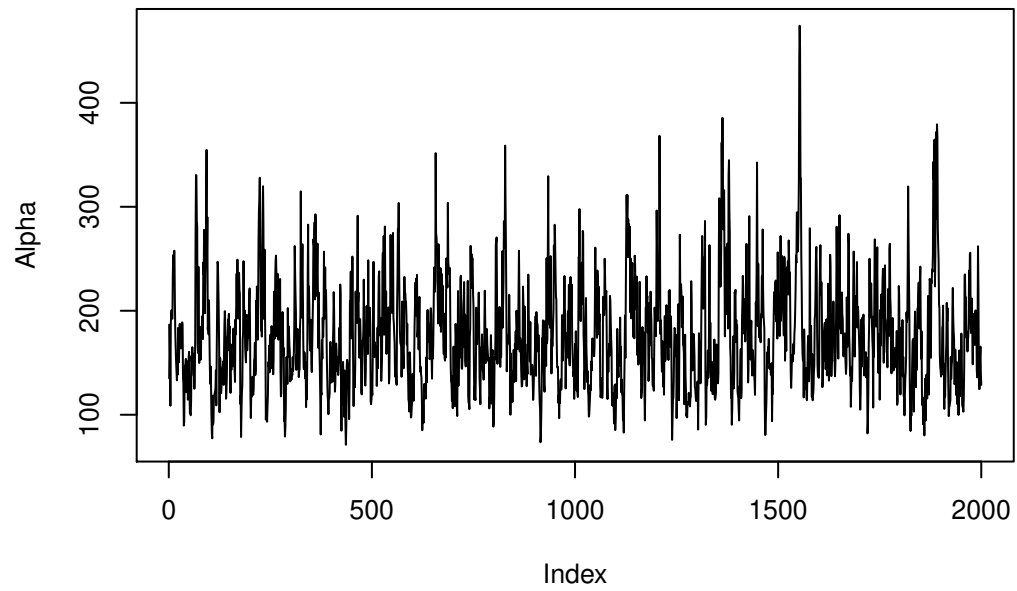
**Prior and posterior of alpha**



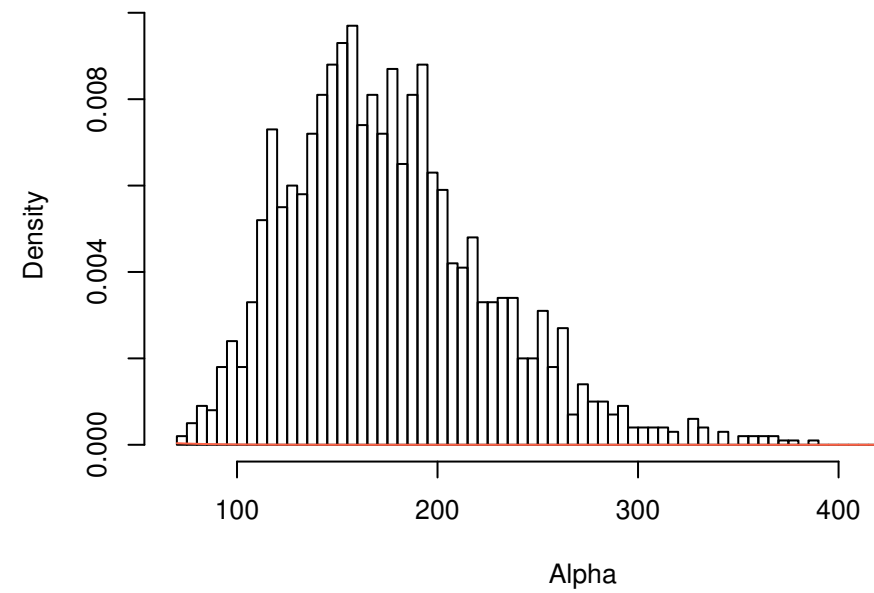
**Traceplot of the number of clusters**



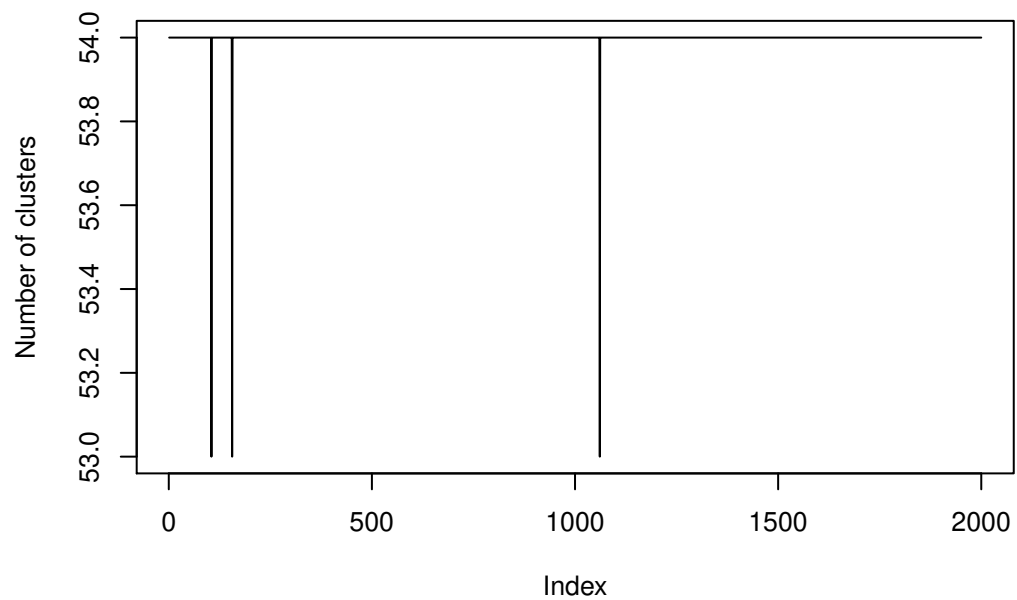
**Traceplot of alpha**



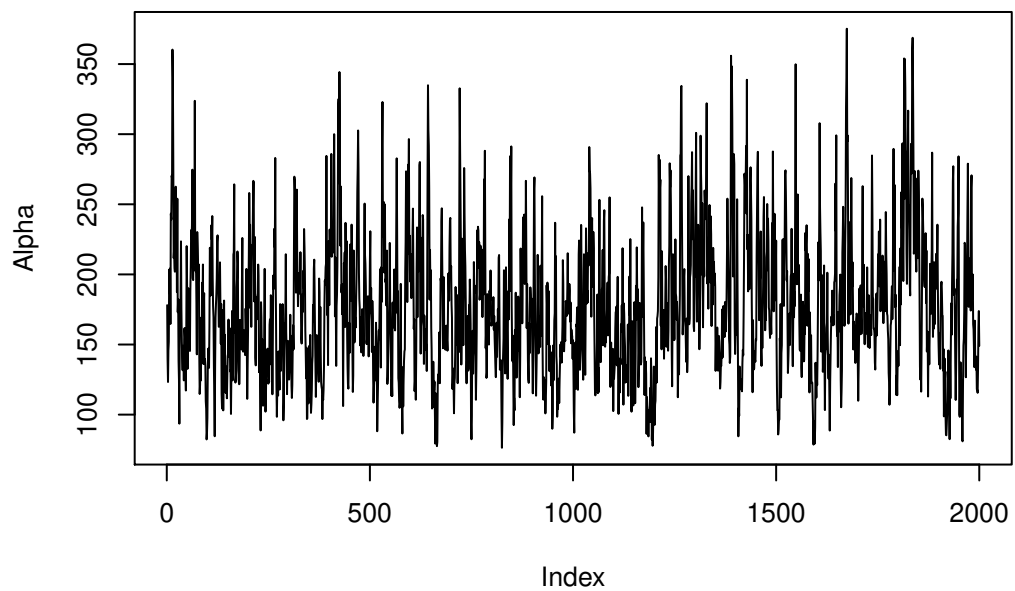
**Prior and posterior of alpha**



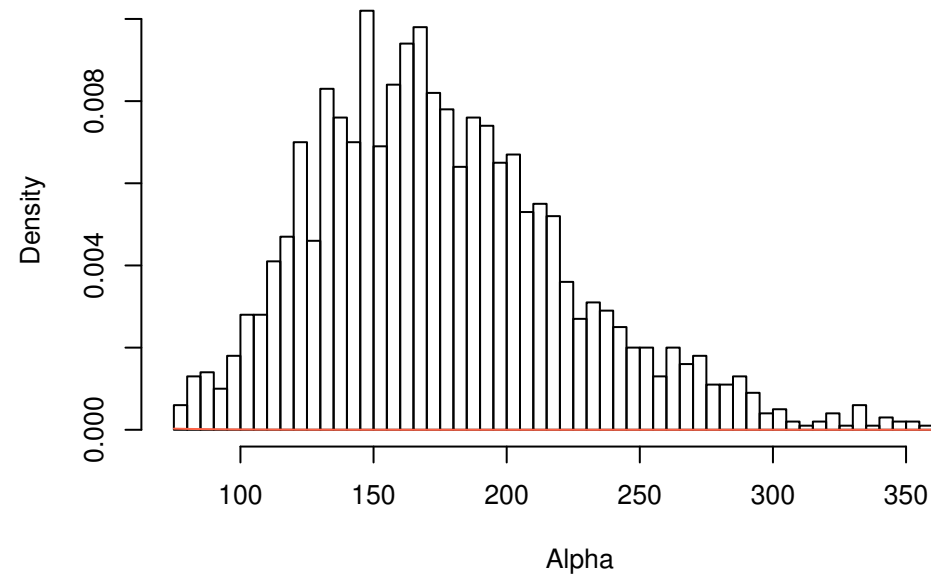
**Traceplot of the number of clusters**



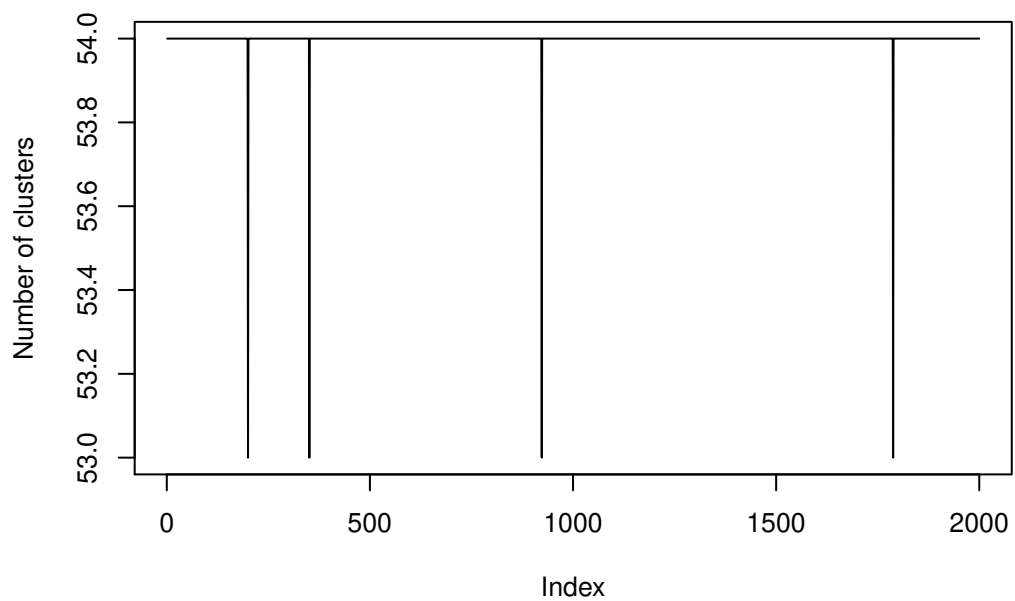
**Traceplot of alpha**



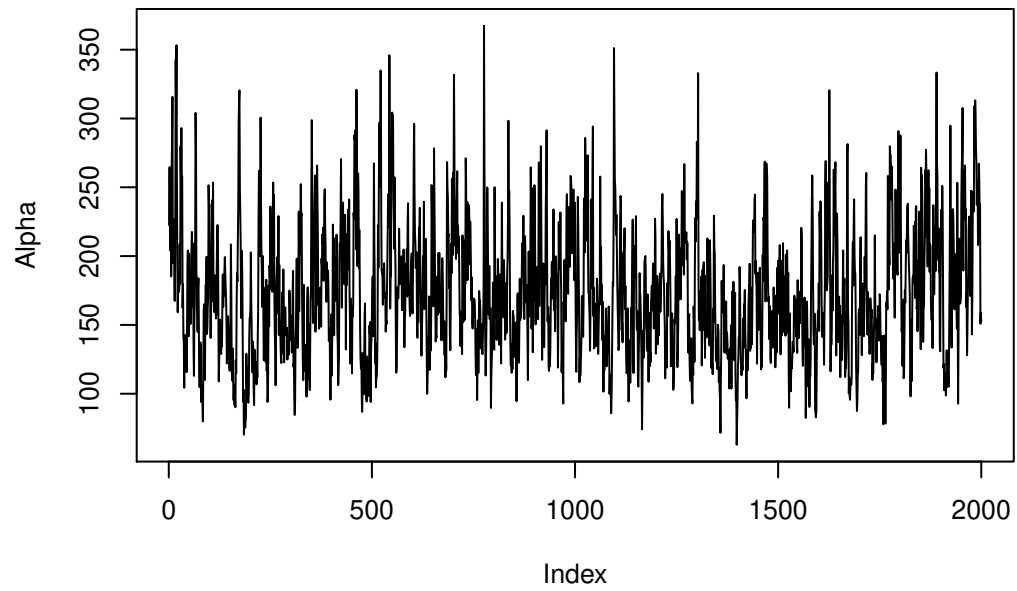
**Prior and posterior of alpha**



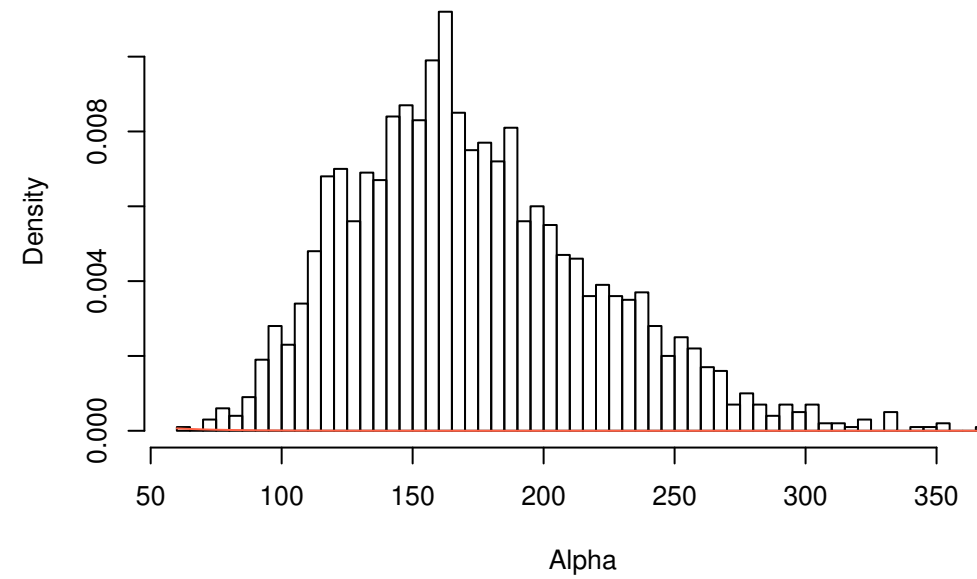
**Traceplot of the number of clusters**



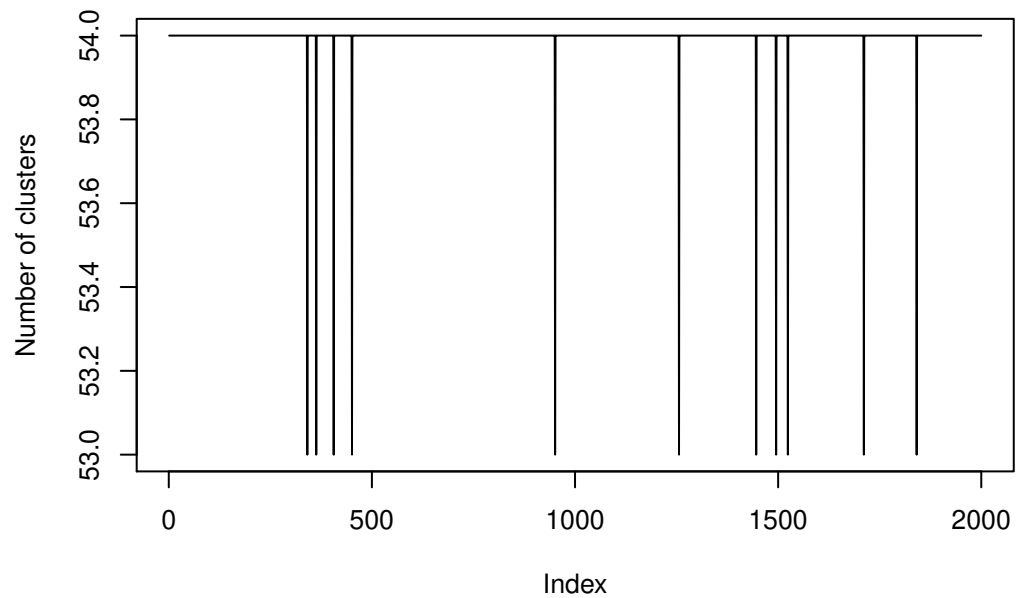
**Traceplot of alpha**



**Prior and posterior of alpha**

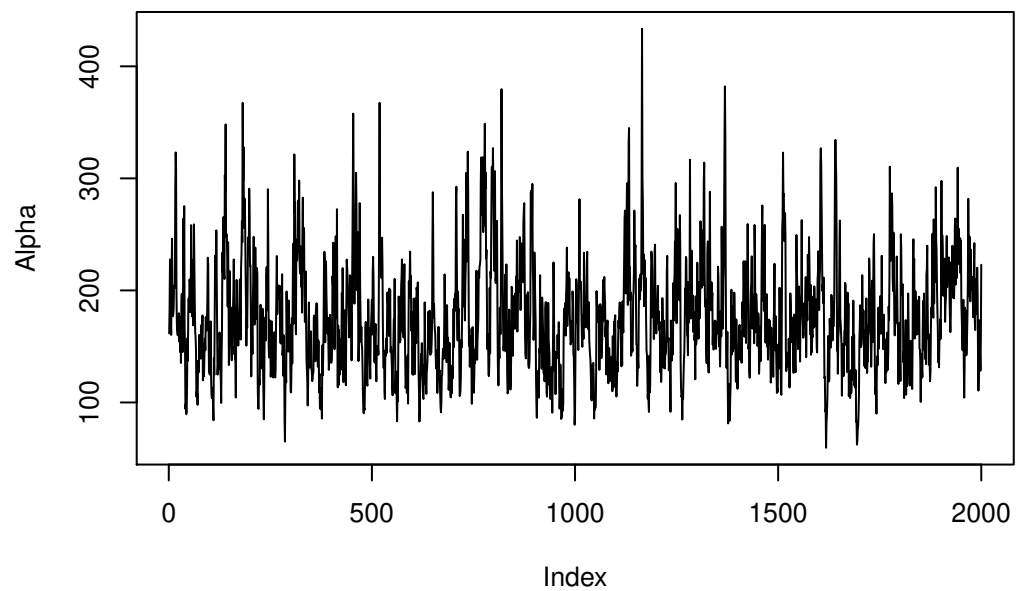


**Traceplot of the number of clusters**

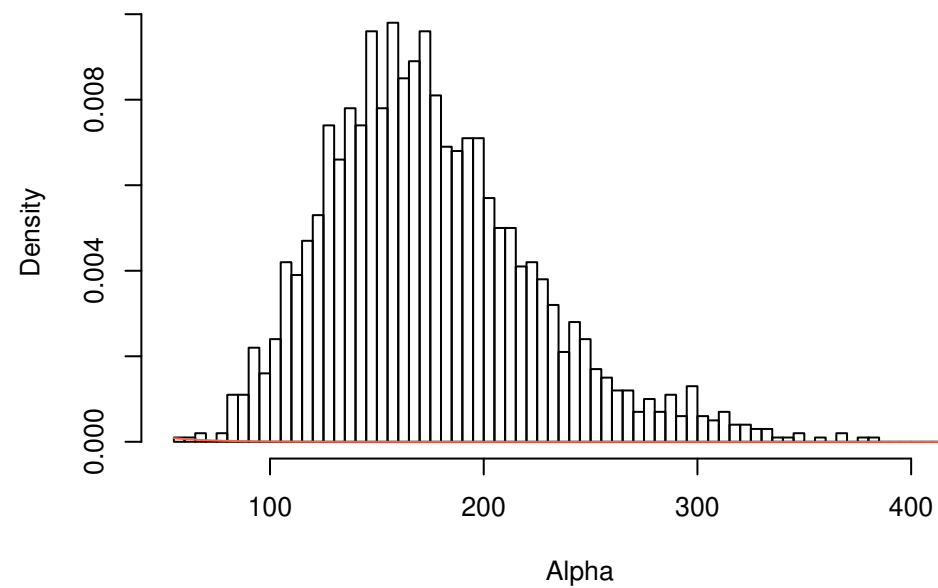




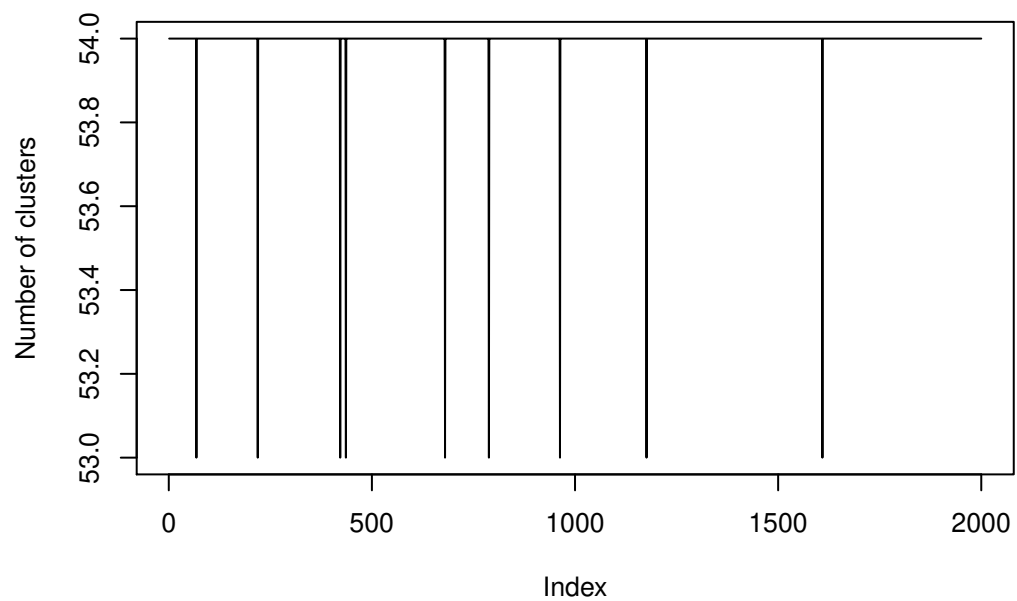
**Traceplot of alpha**



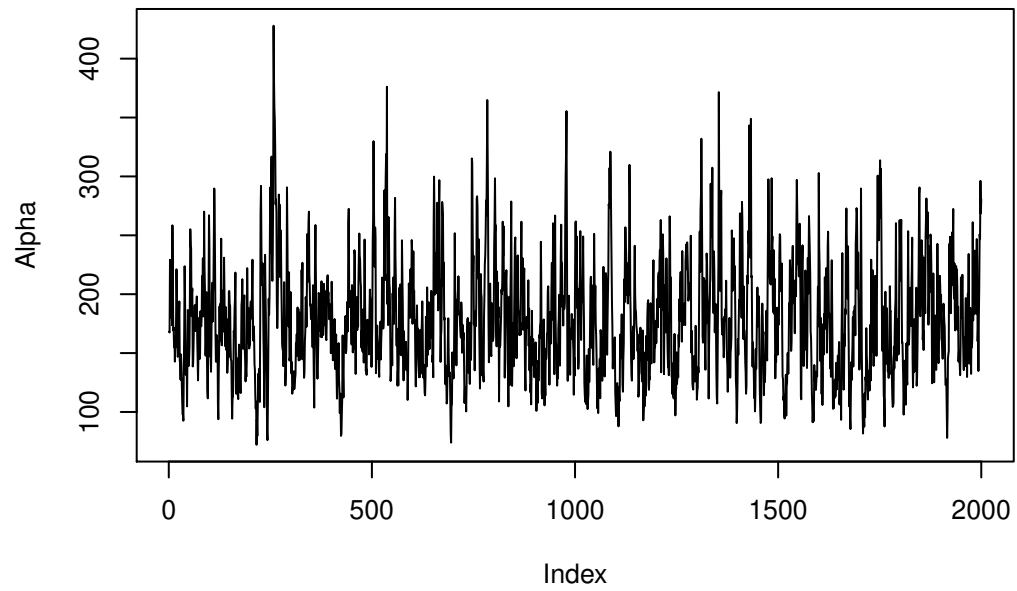
**Prior and posterior of alpha**



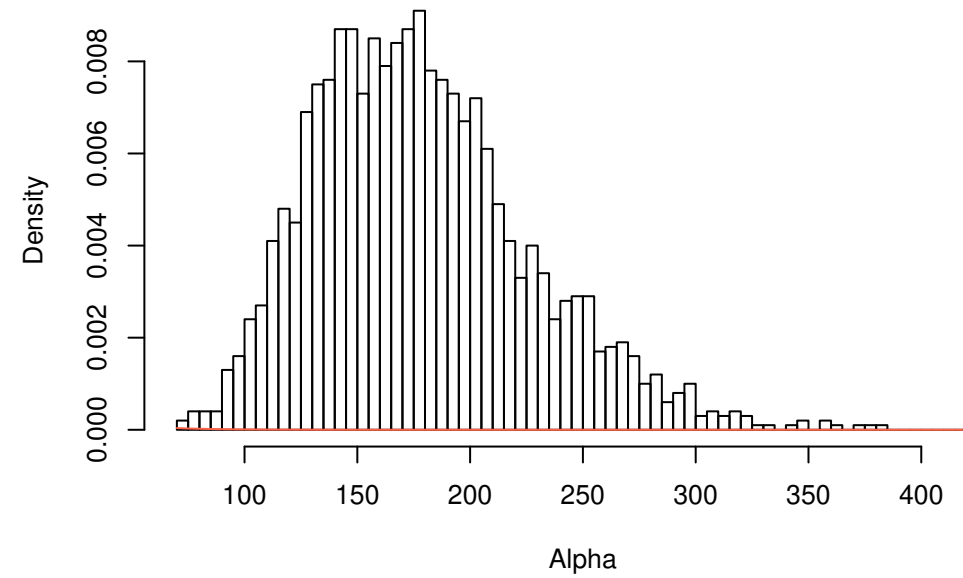
**Traceplot of the number of clusters**



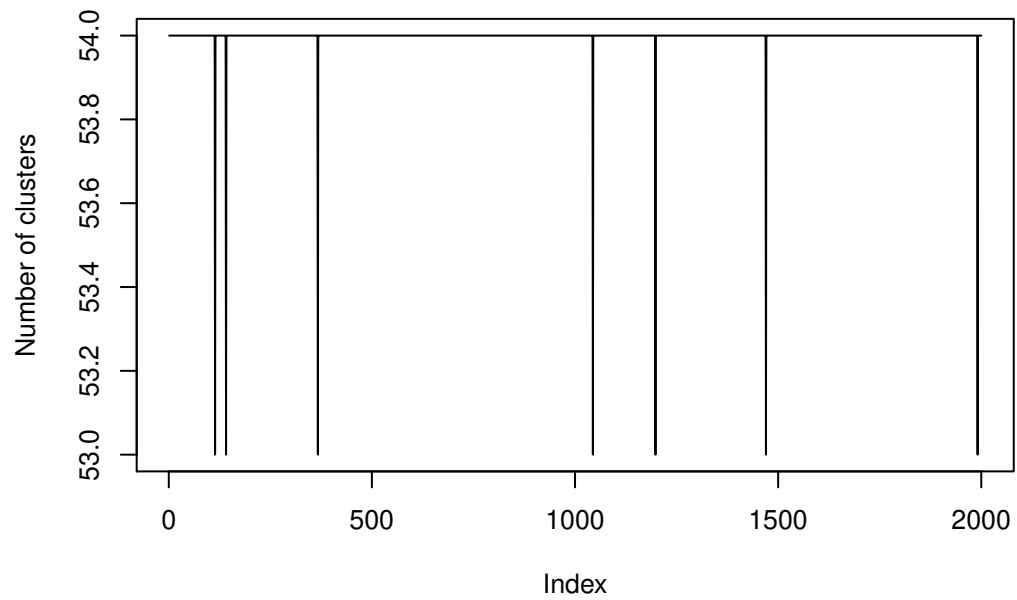
**Traceplot of alpha**



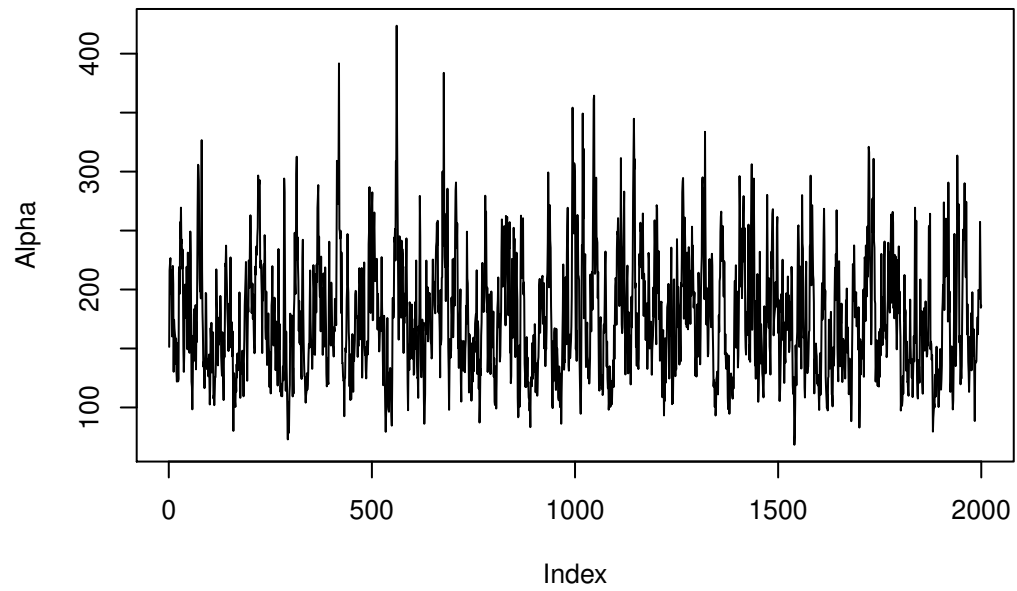
**Prior and posterior of alpha**



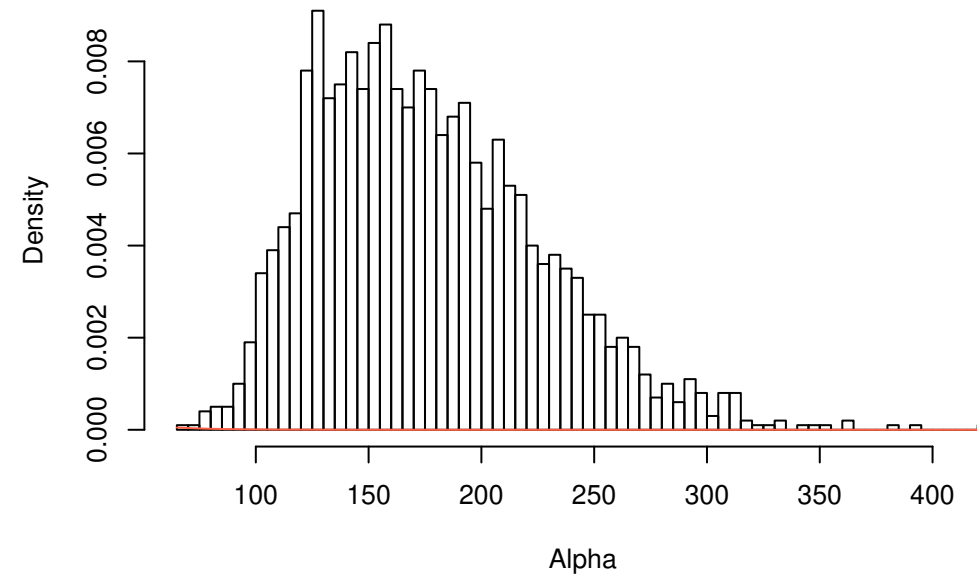
**Traceplot of the number of clusters**



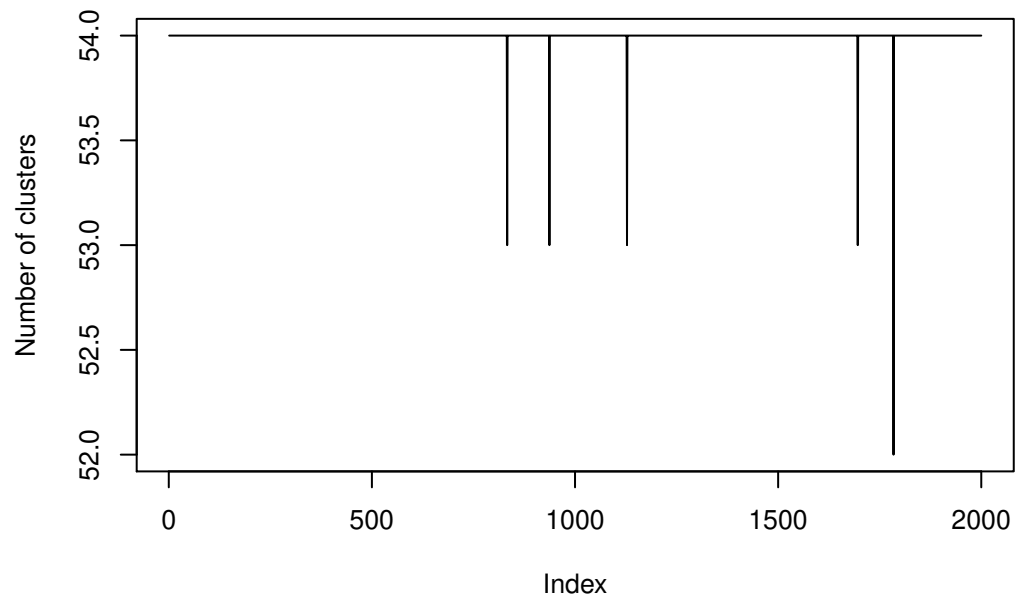
**Traceplot of alpha**



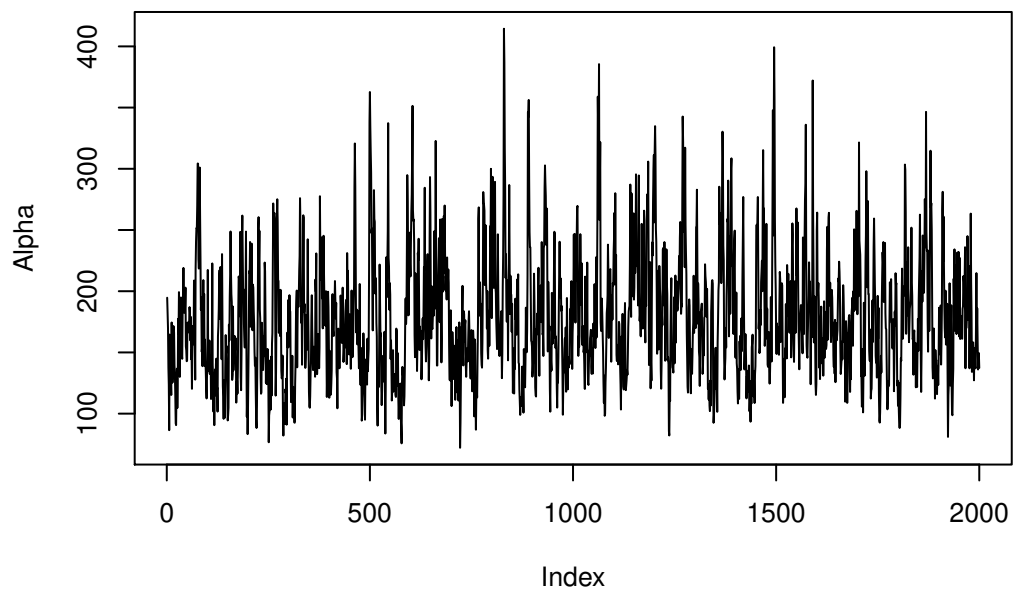
**Prior and posterior of alpha**



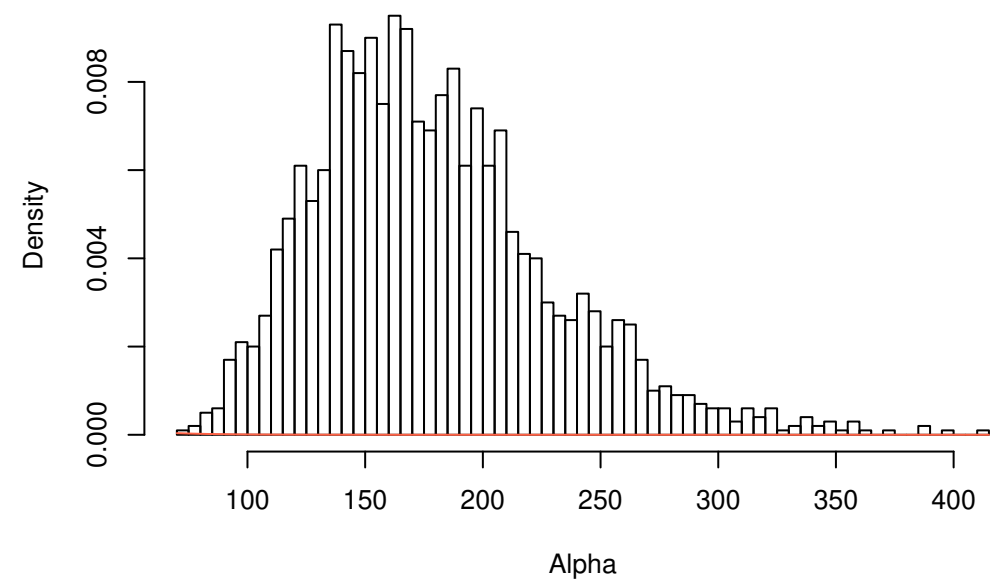
**Traceplot of the number of clusters**



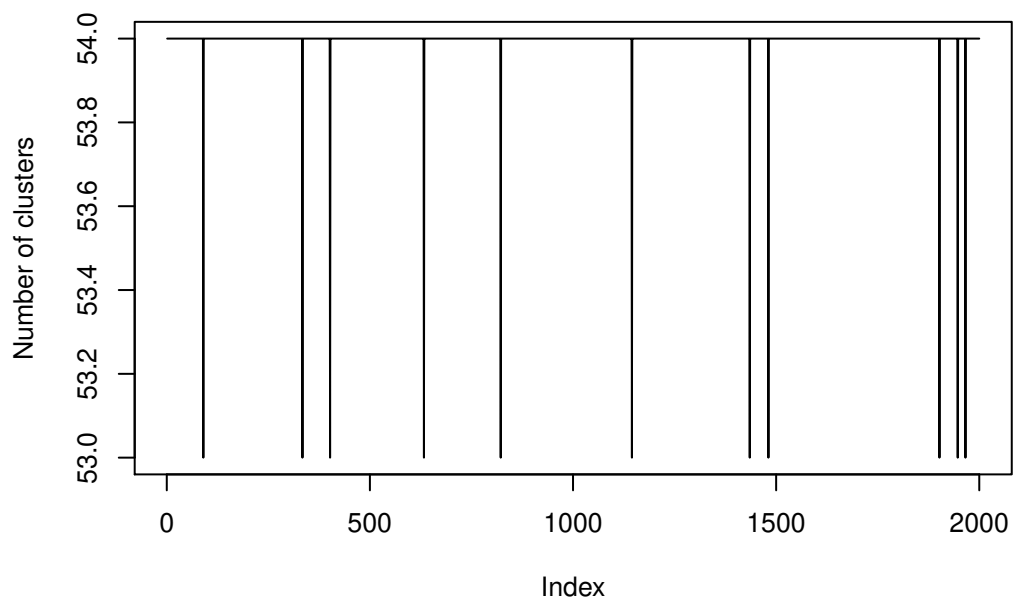
**Traceplot of alpha**



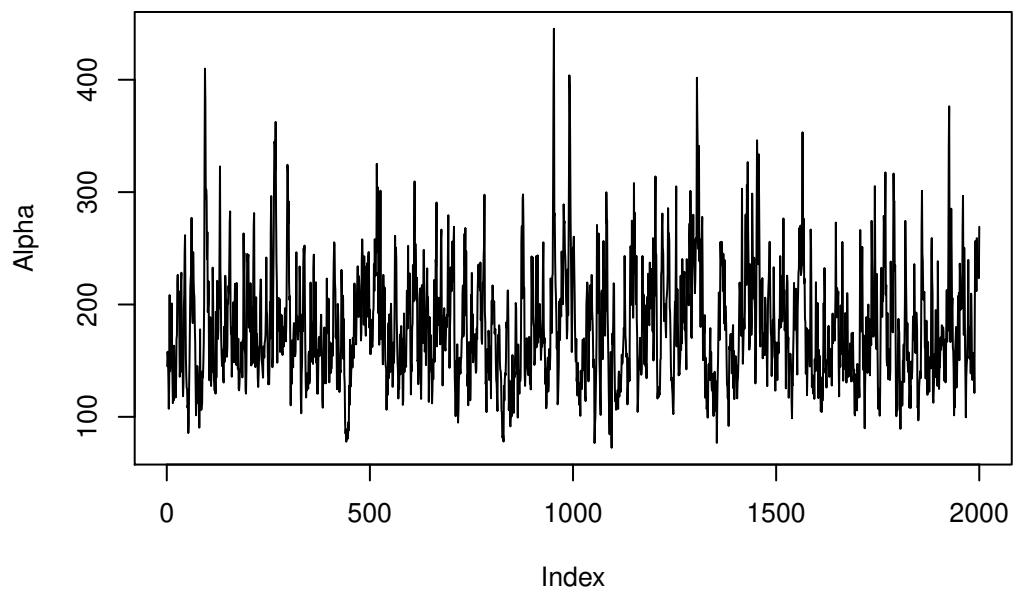
**Prior and posterior of alpha**



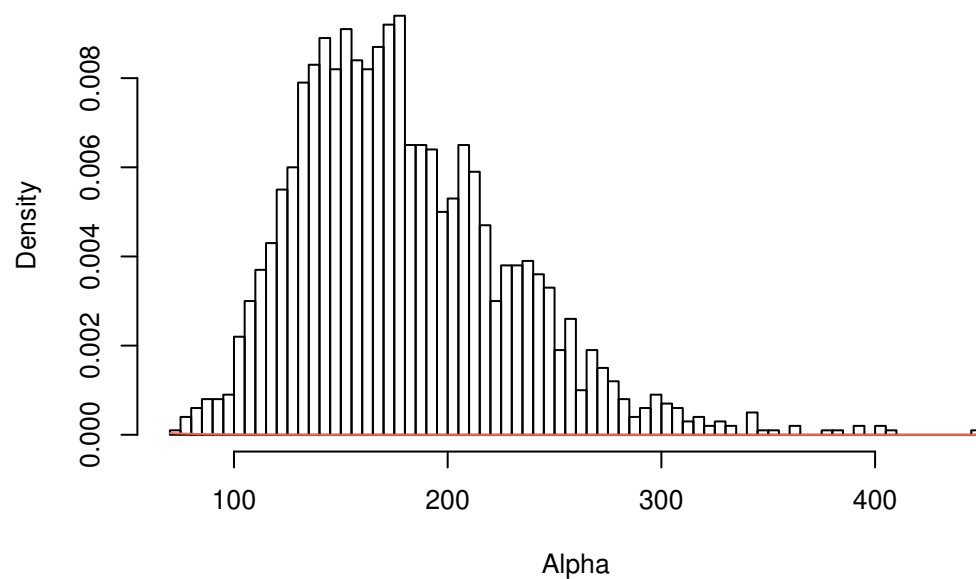
**Traceplot of the number of clusters**



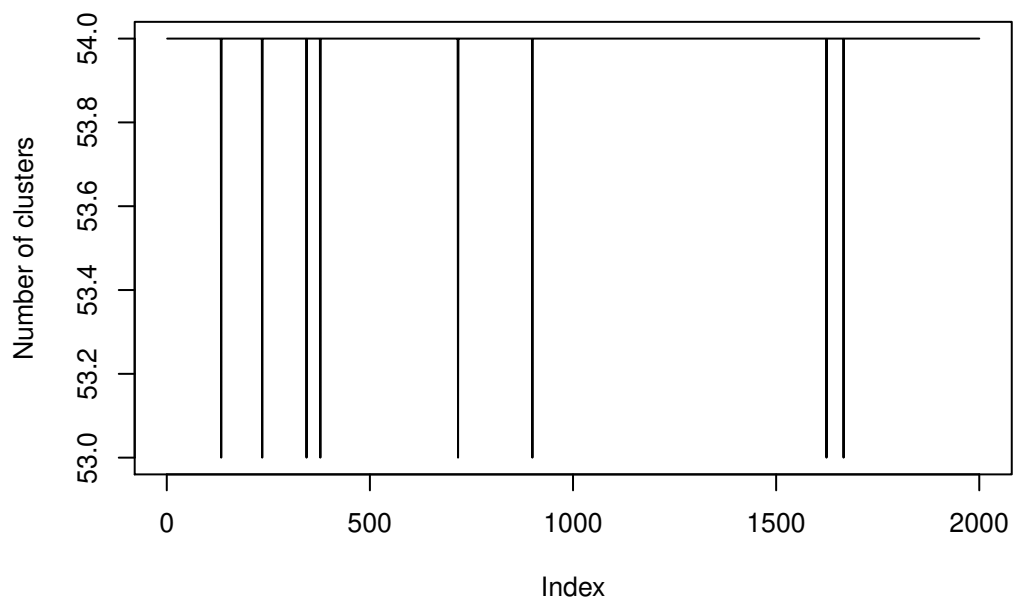
**Traceplot of alpha**



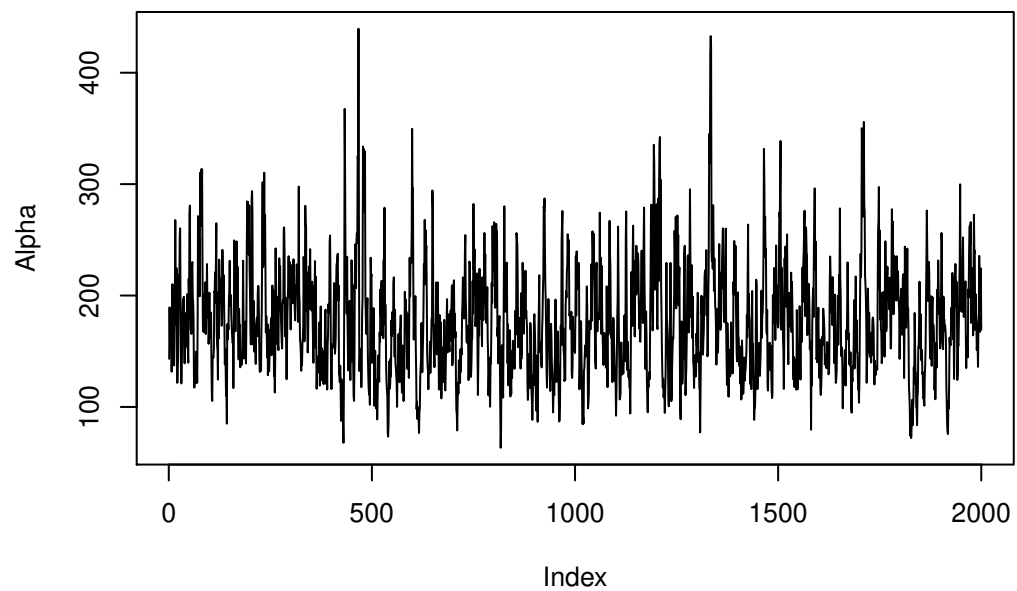
**Prior and posterior of alpha**



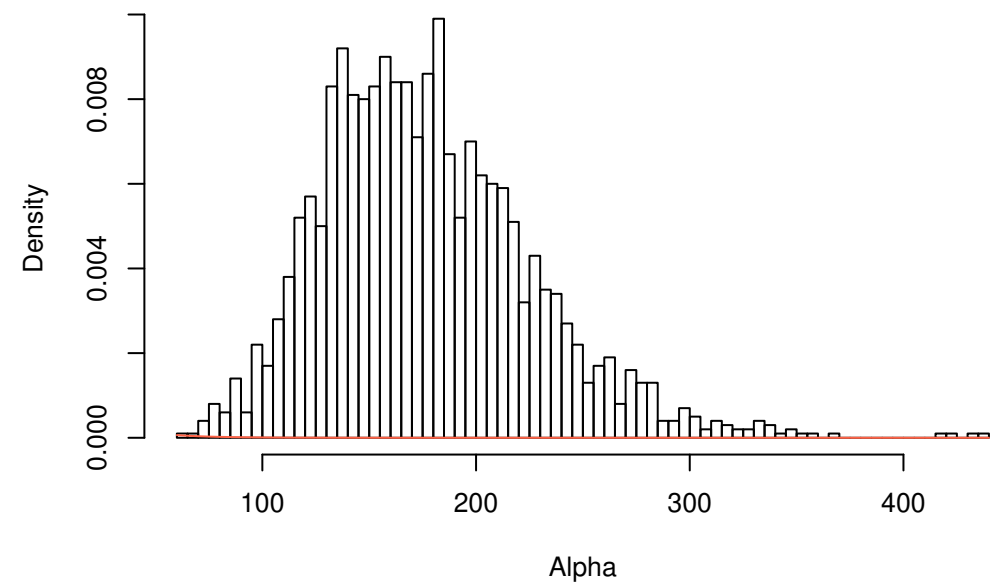
**Traceplot of the number of clusters**



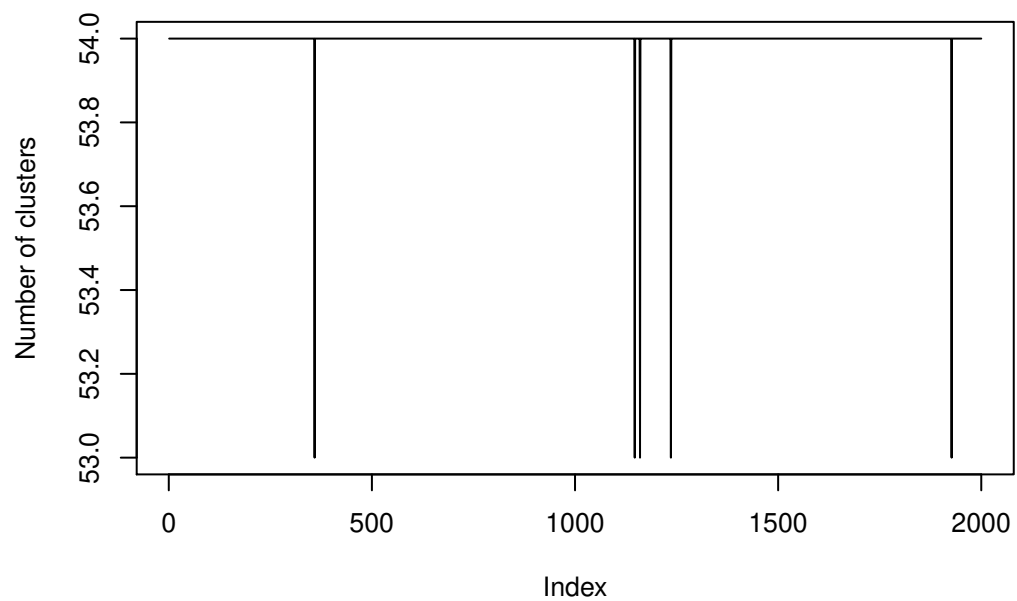
**Traceplot of alpha**



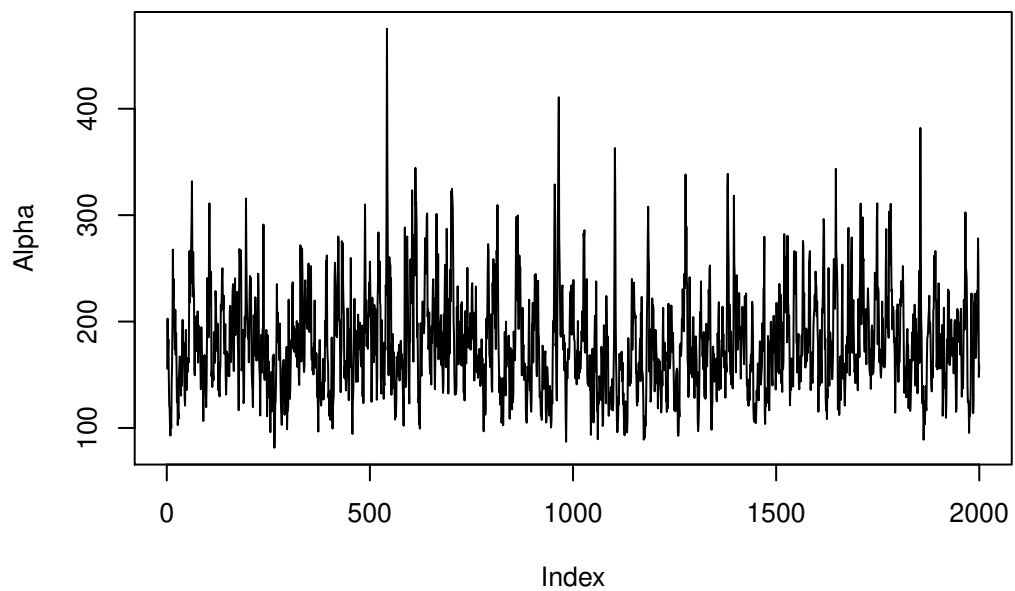
**Prior and posterior of alpha**



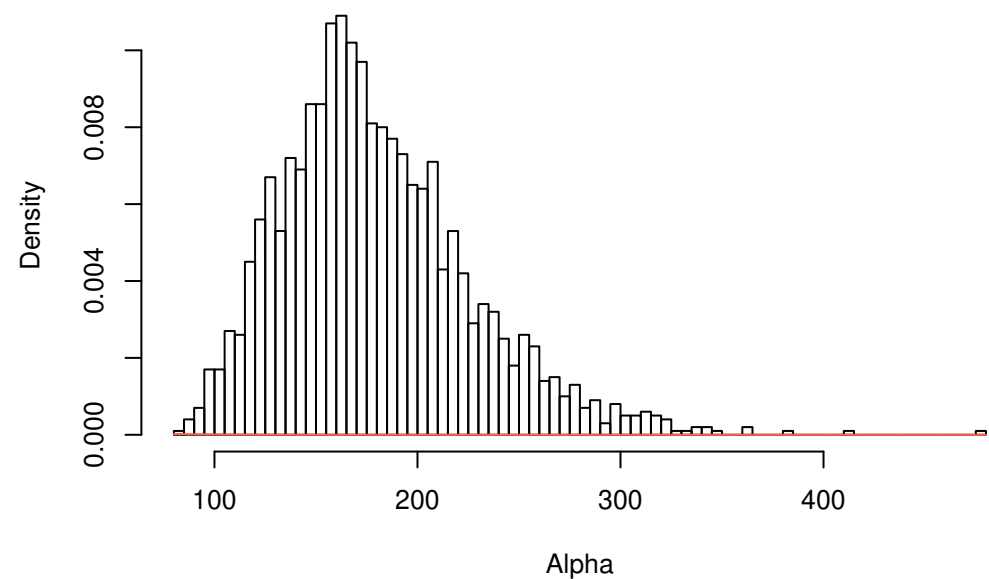
**Traceplot of the number of clusters**



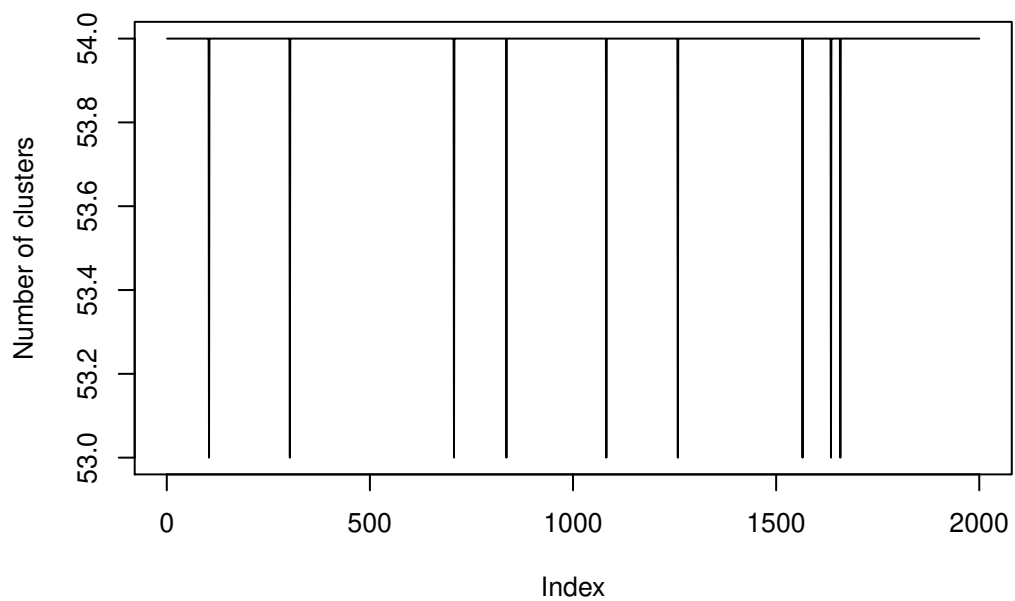
**Traceplot of alpha**



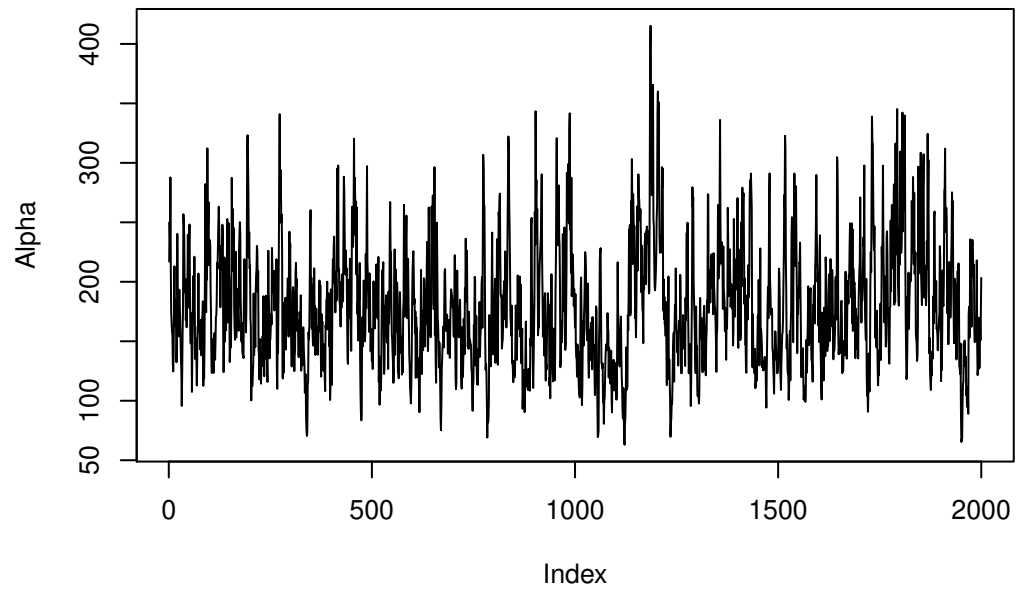
**Prior and posterior of alpha**



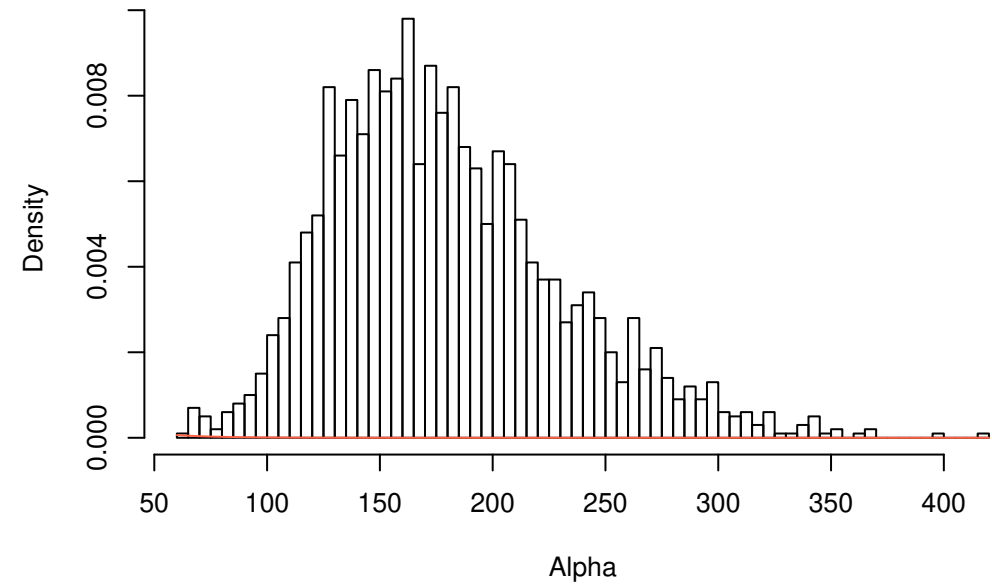
**Traceplot of the number of clusters**



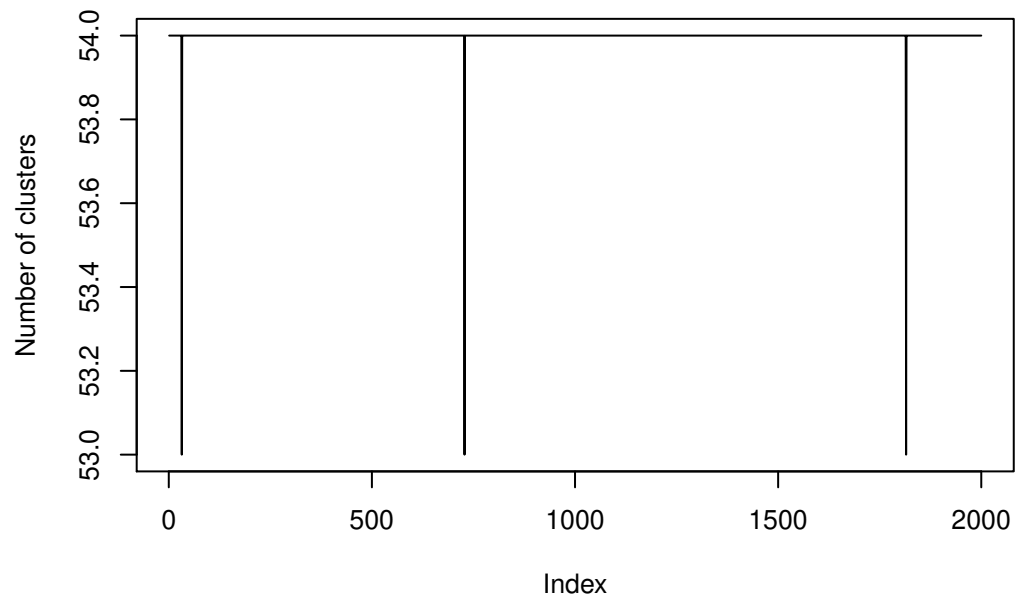
**Traceplot of alpha**



**Prior and posterior of alpha**

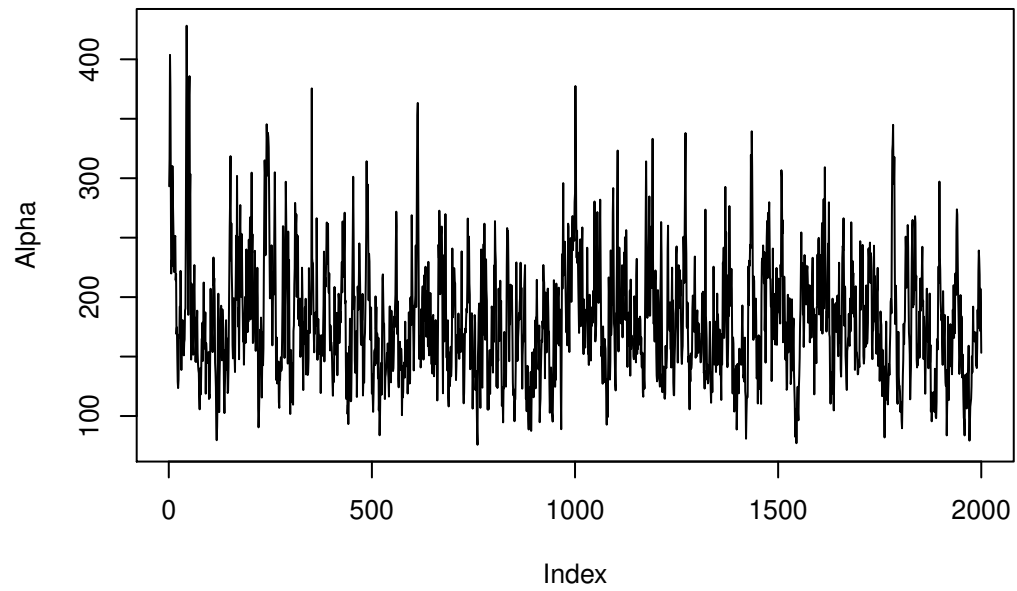


**Traceplot of the number of clusters**

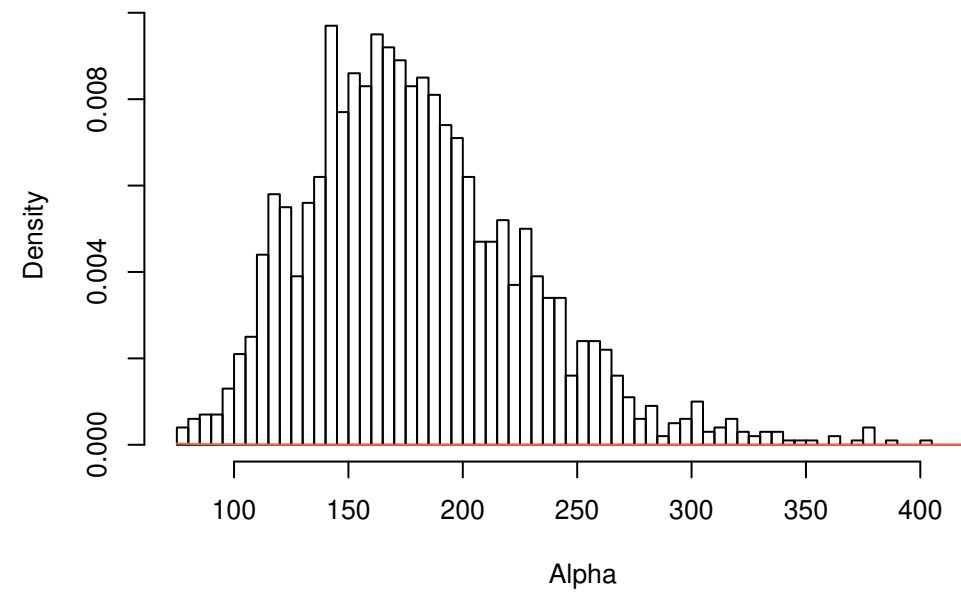




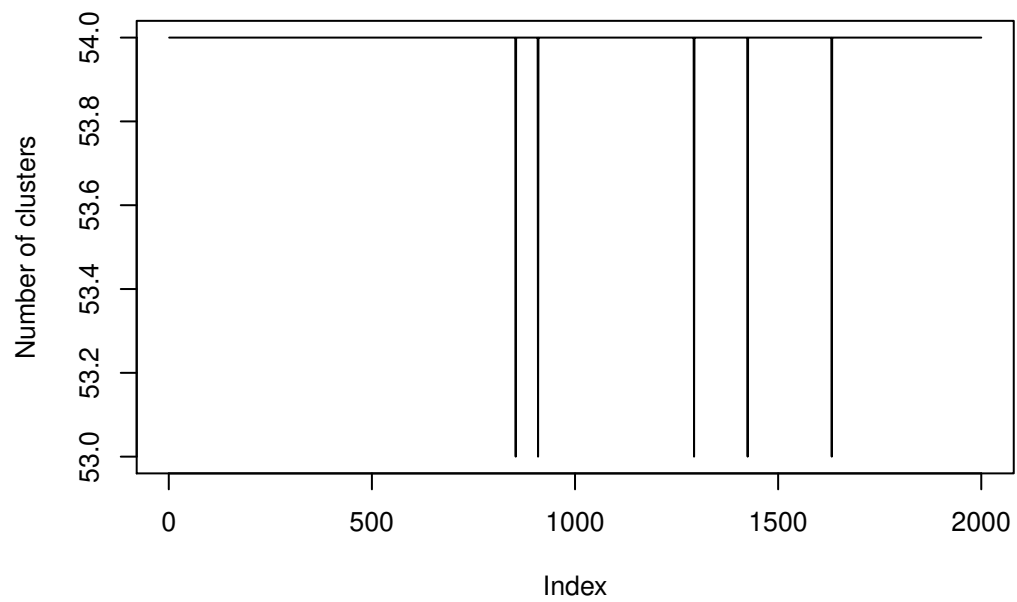
**Traceplot of alpha**



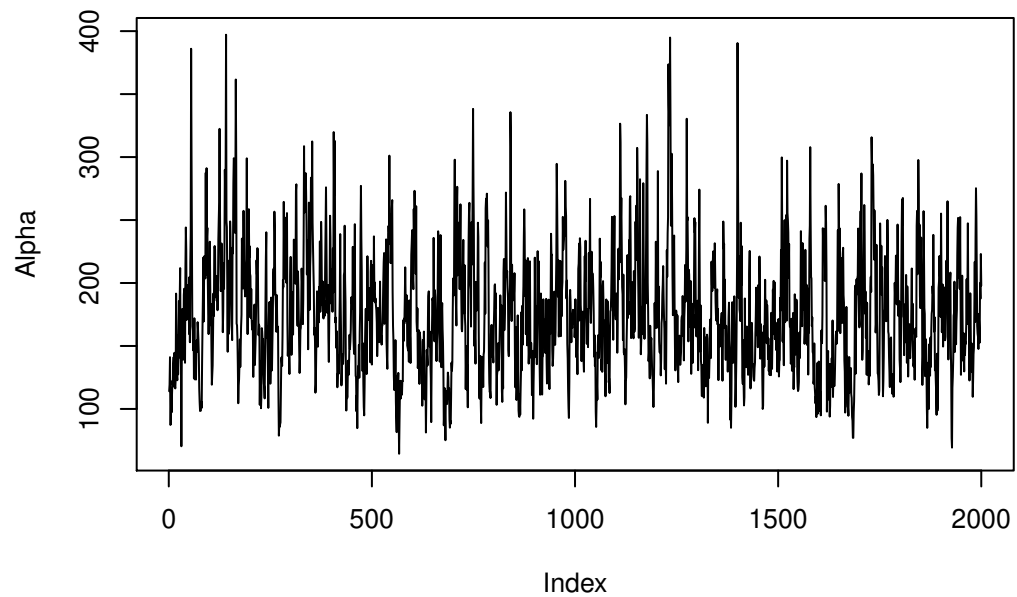
**Prior and posterior of alpha**



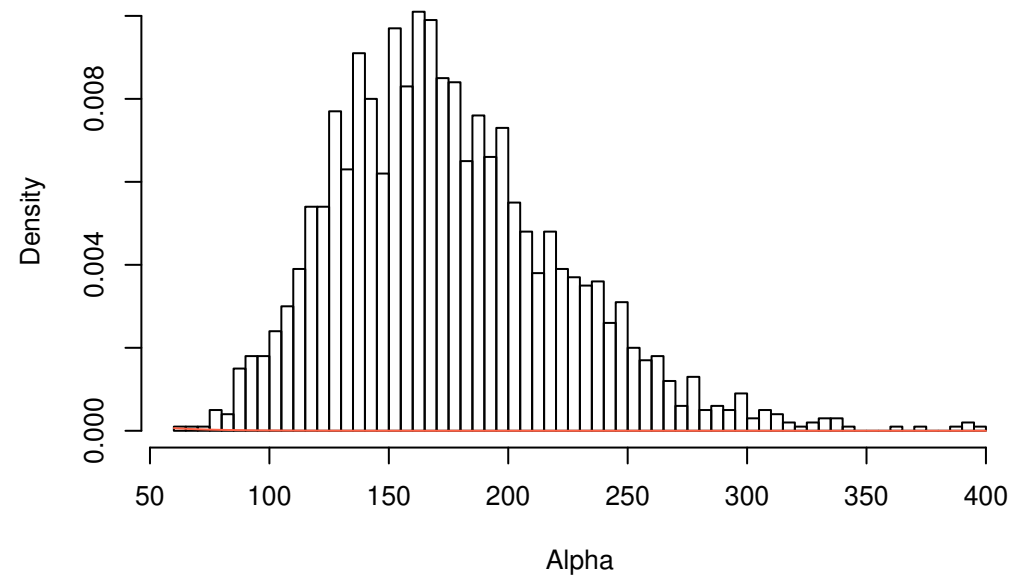
**Traceplot of the number of clusters**



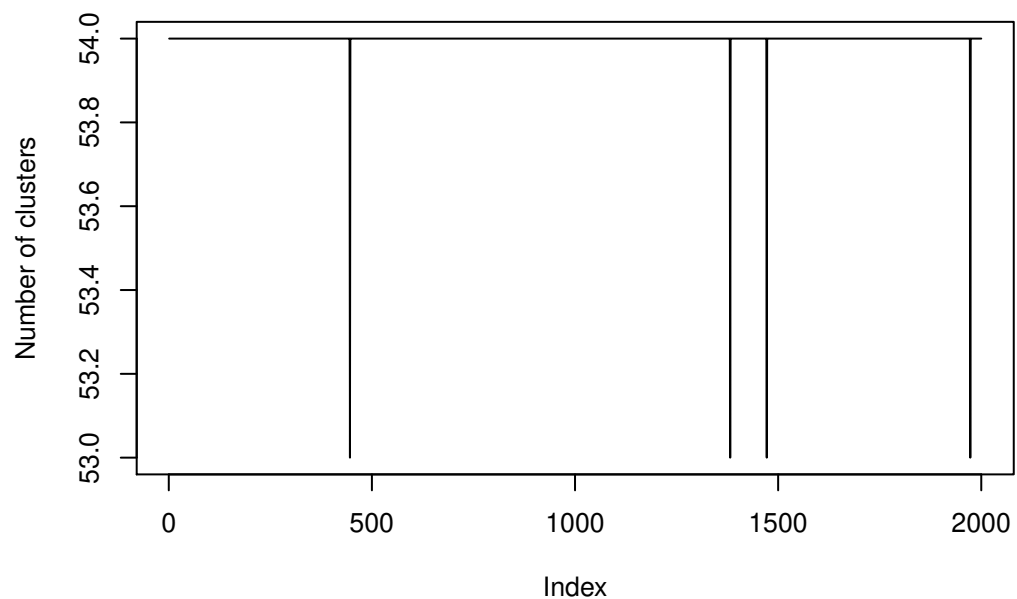
**Traceplot of alpha**



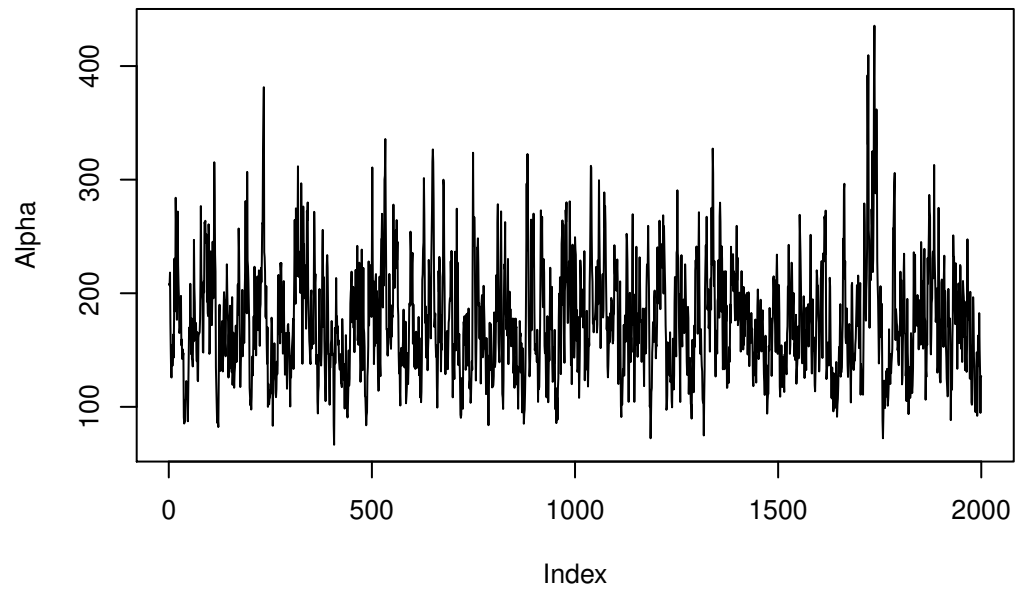
**Prior and posterior of alpha**



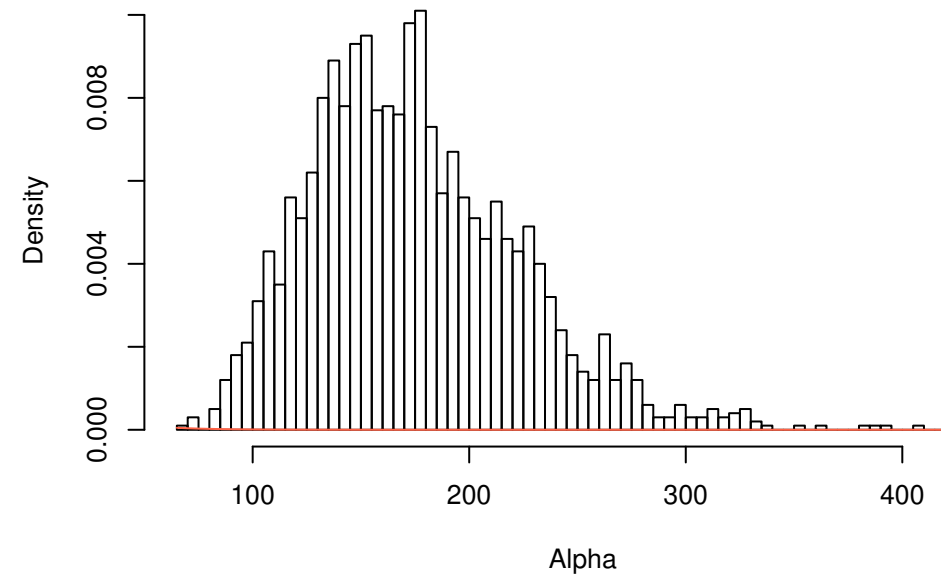
**Traceplot of the number of clusters**



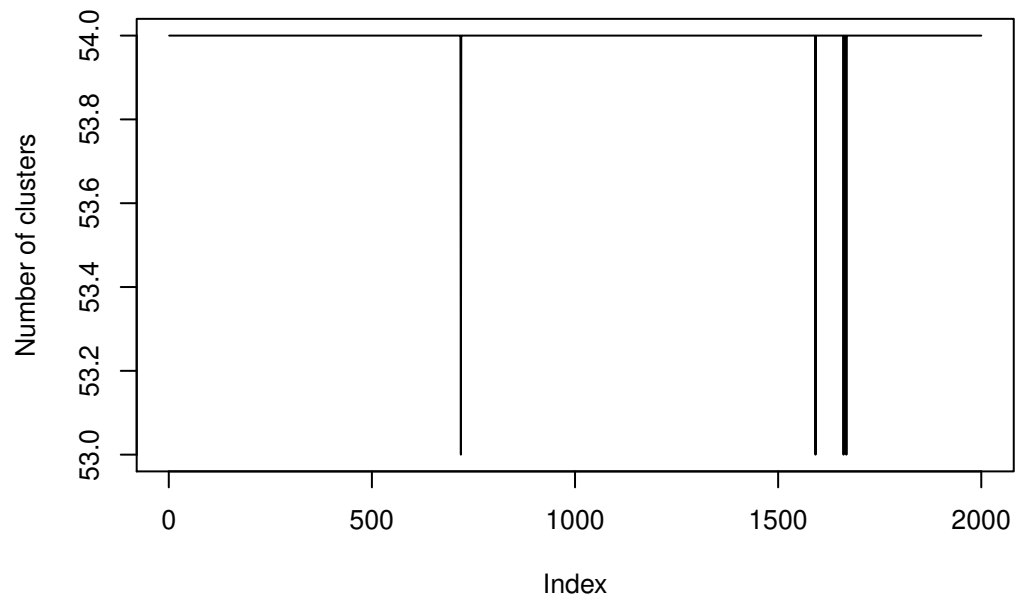
**Traceplot of alpha**



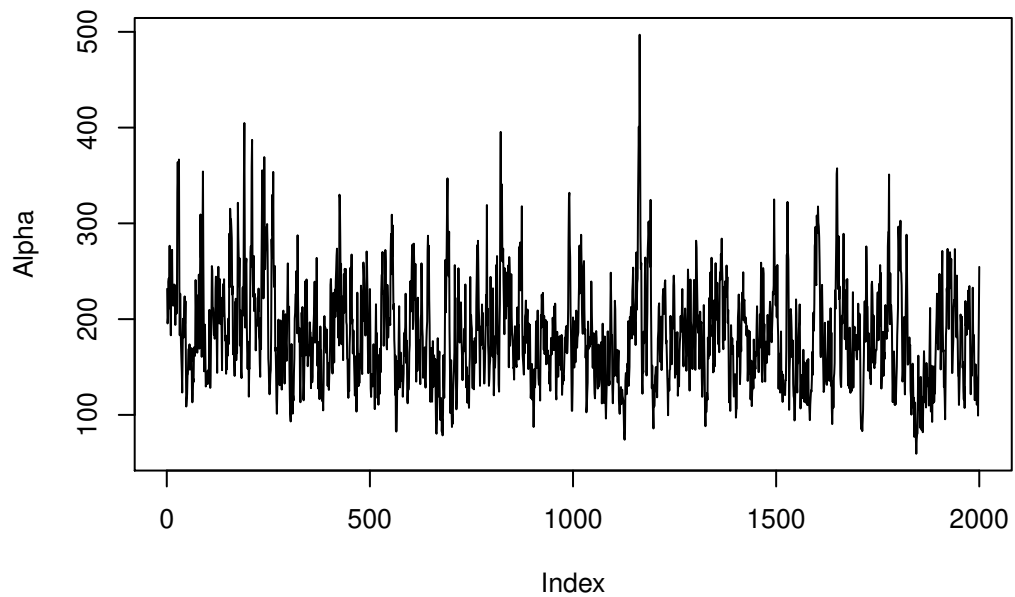
**Prior and posterior of alpha**



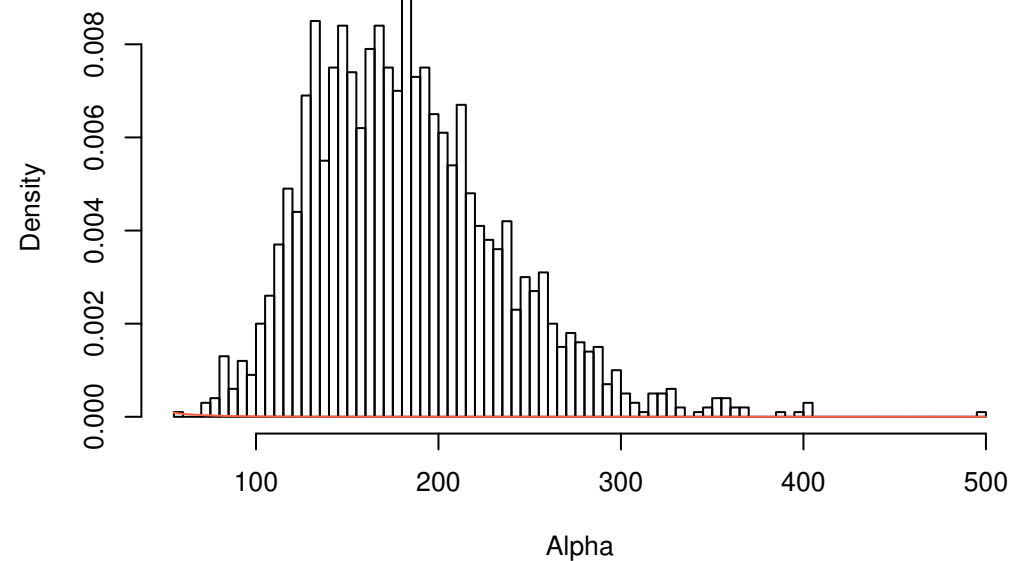
**Traceplot of the number of clusters**



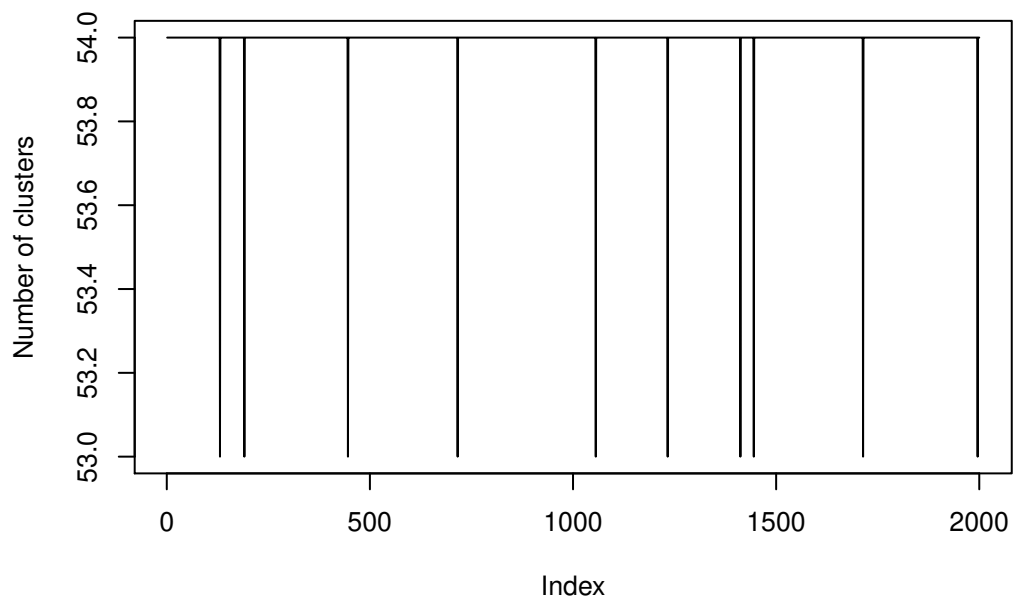
**Traceplot of alpha**



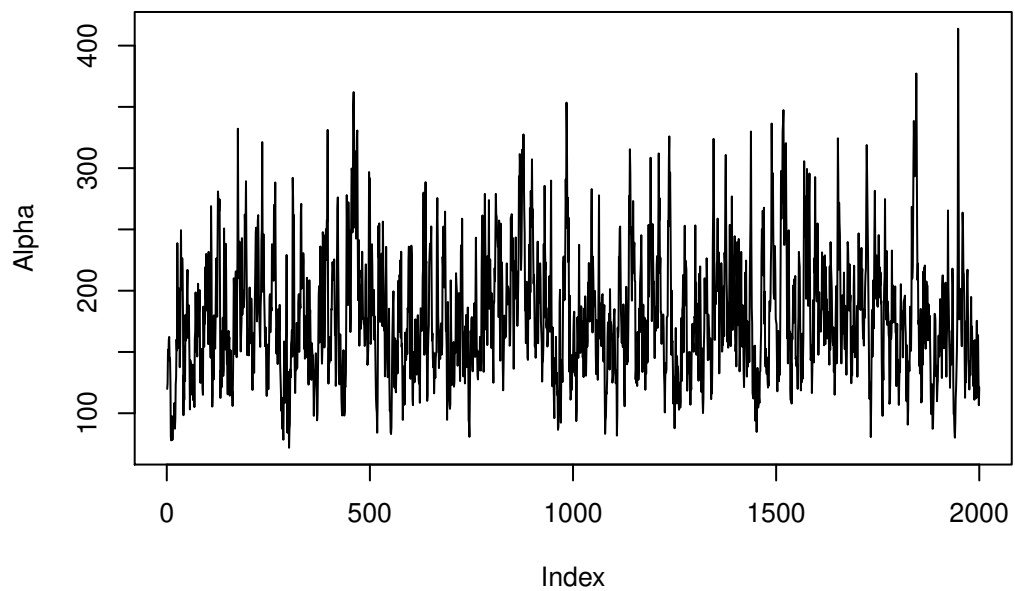
**Prior and posterior of alpha**



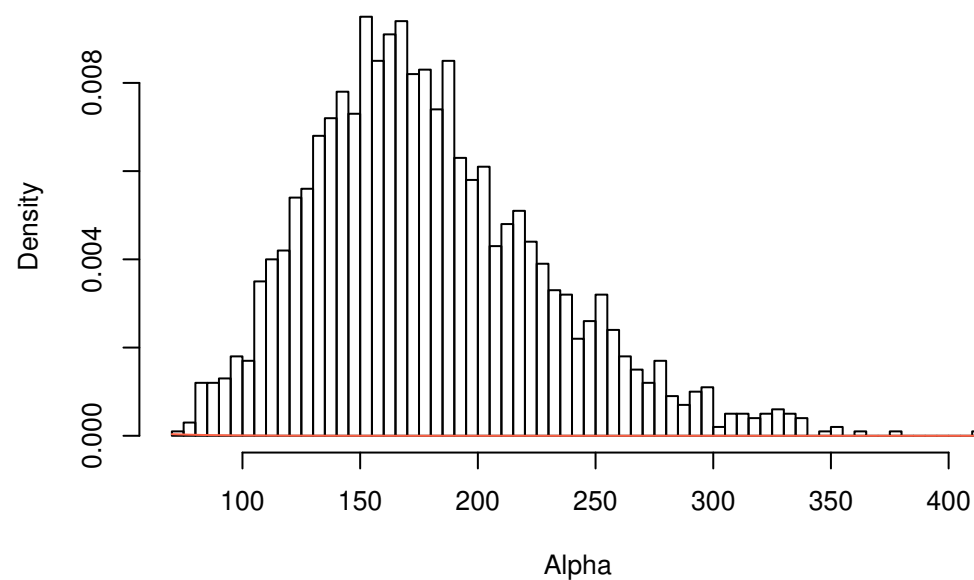
**Traceplot of the number of clusters**



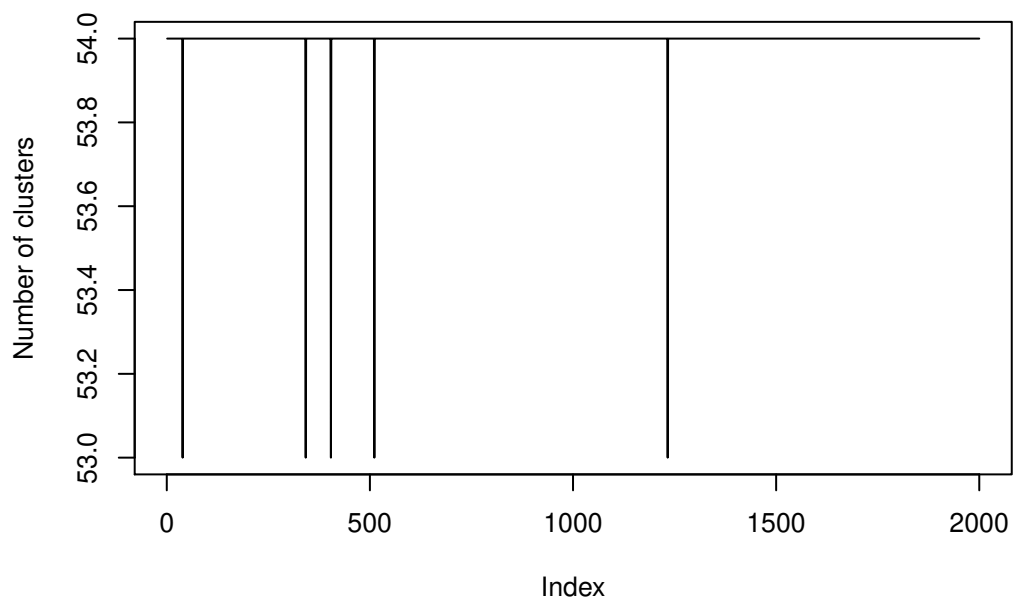
**Traceplot of alpha**



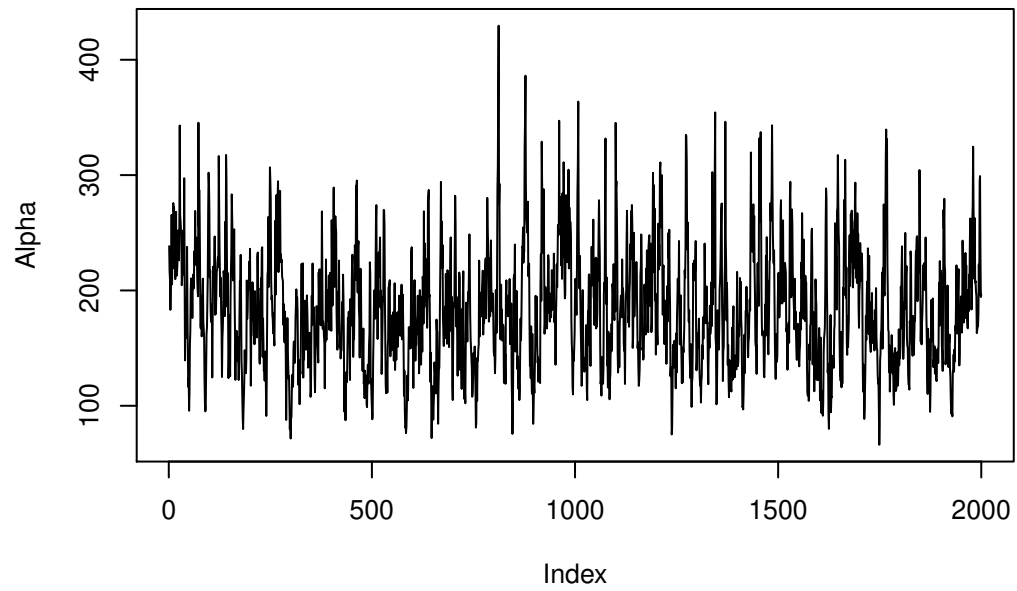
**Prior and posterior of alpha**



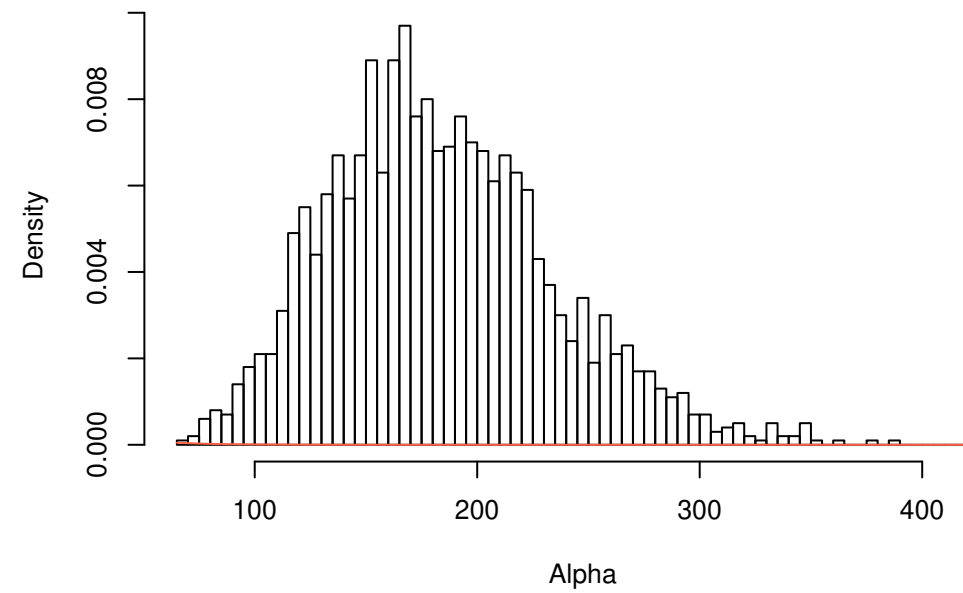
**Traceplot of the number of clusters**



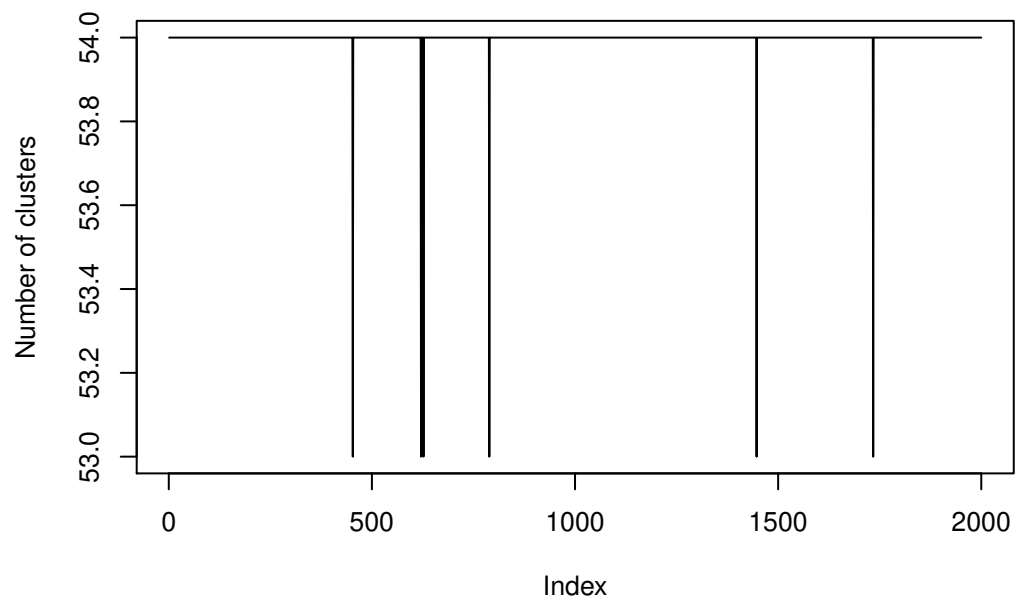
**Traceplot of alpha**



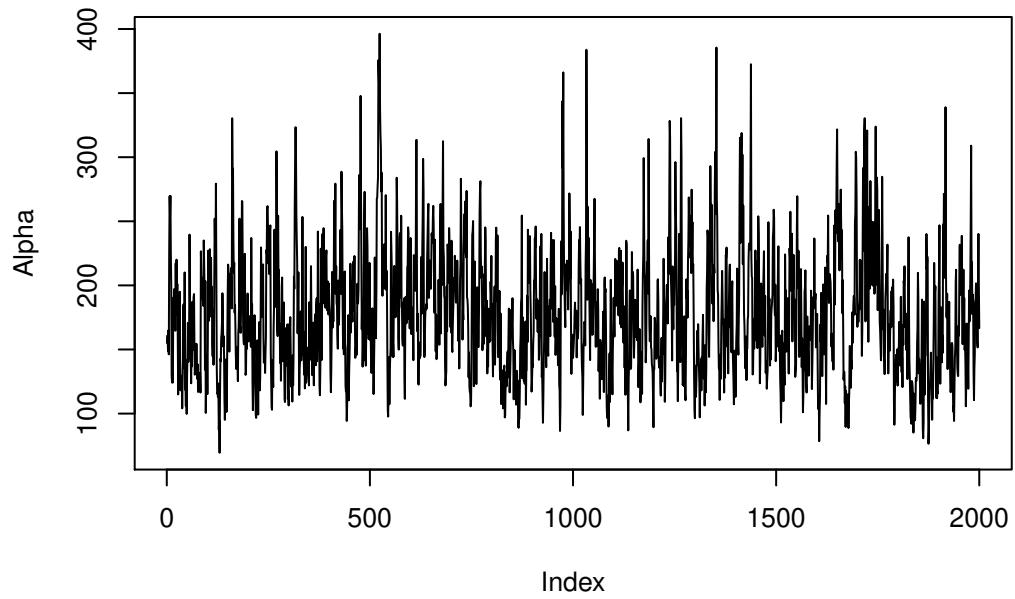
**Prior and posterior of alpha**



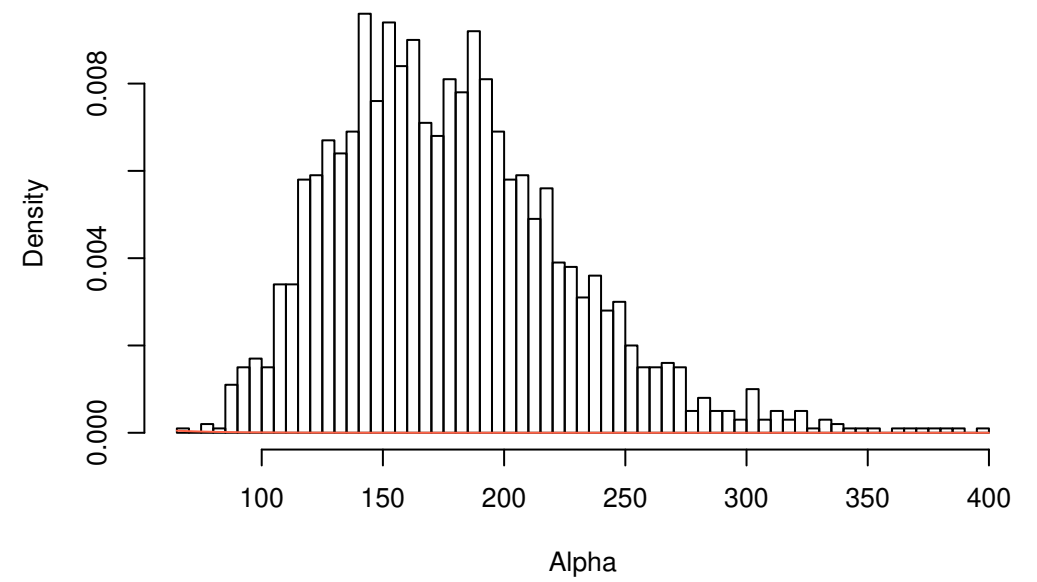
**Traceplot of the number of clusters**



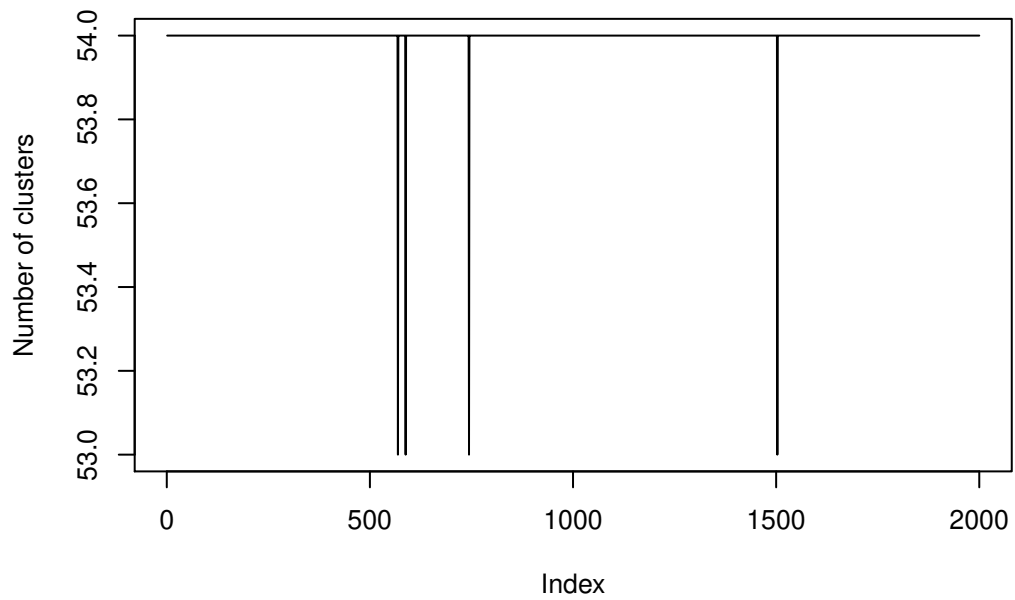
**Traceplot of alpha**



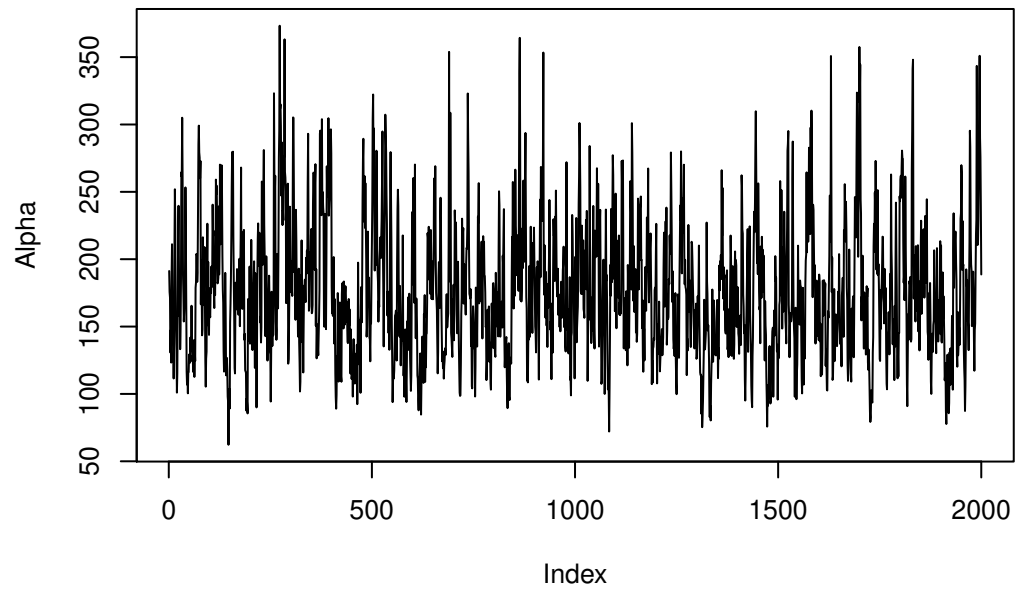
**Prior and posterior of alpha**



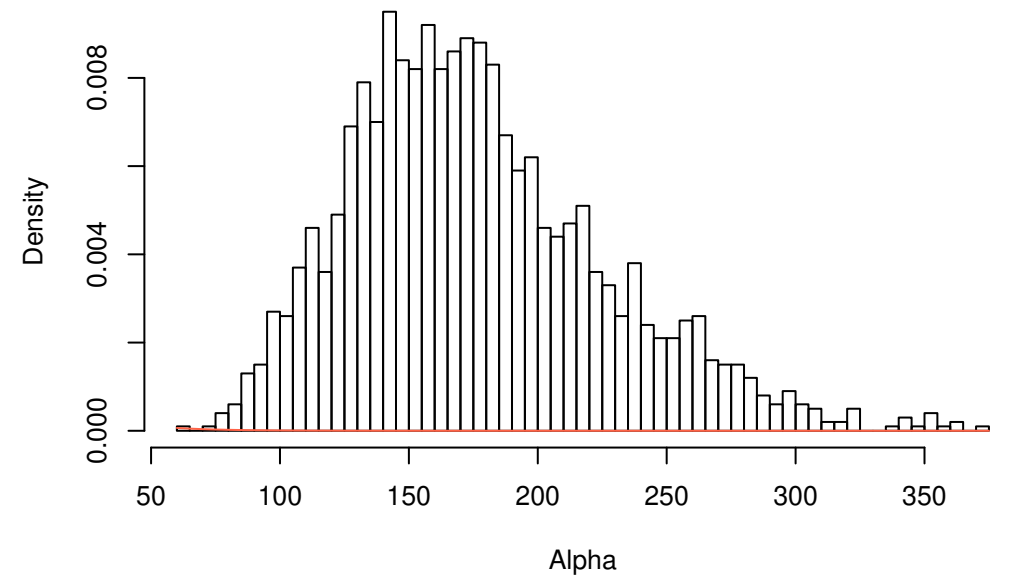
**Traceplot of the number of clusters**



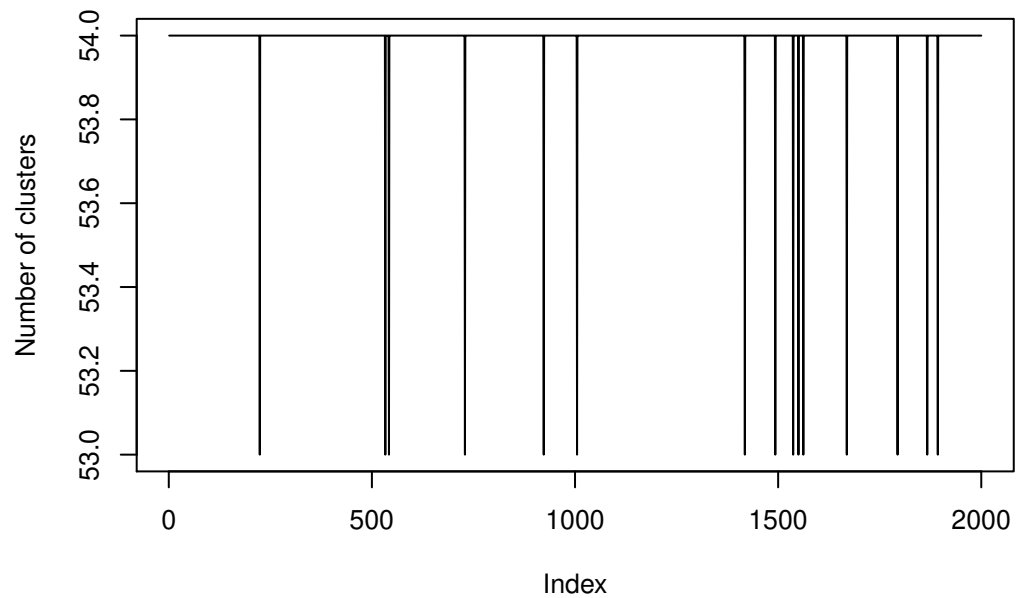
**Traceplot of alpha**



**Prior and posterior of alpha**

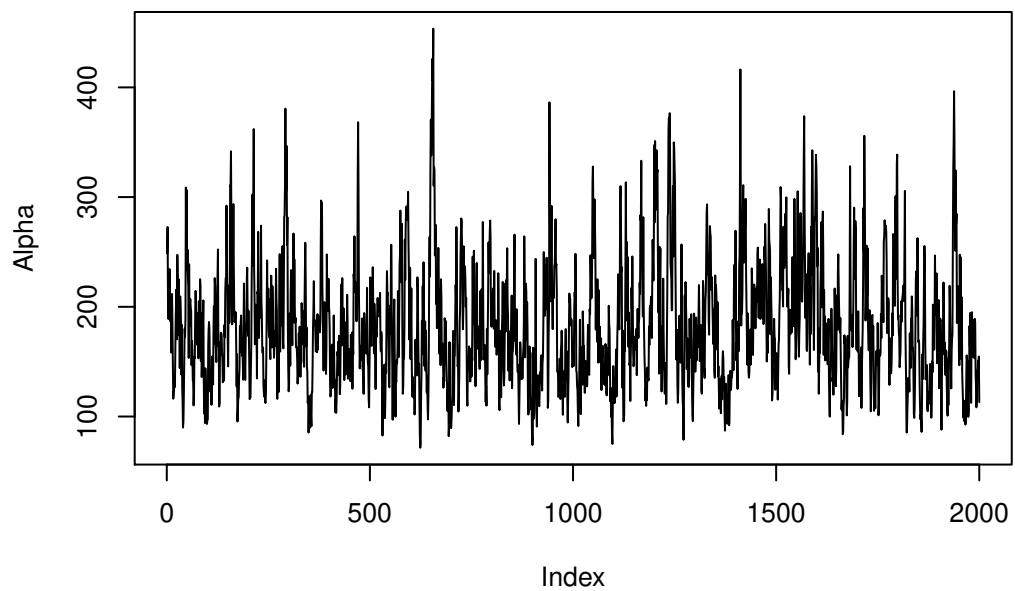


**Traceplot of the number of clusters**

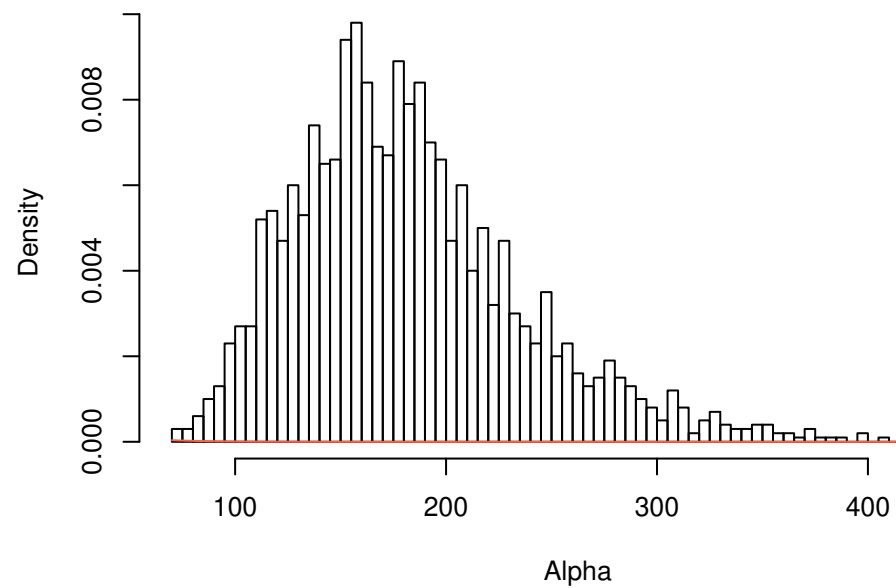




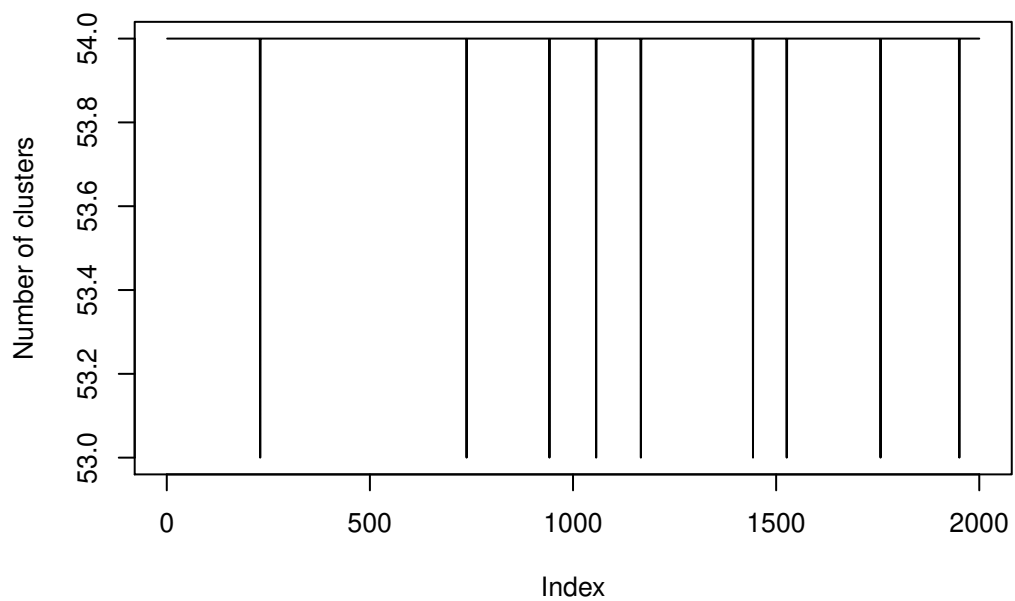
**Traceplot of alpha**



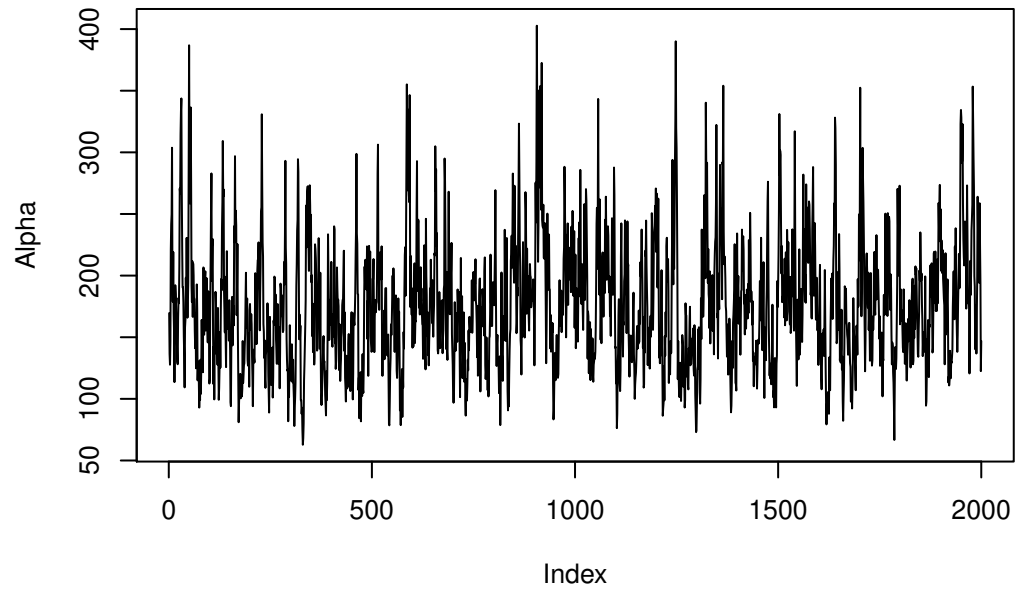
**Prior and posterior of alpha**



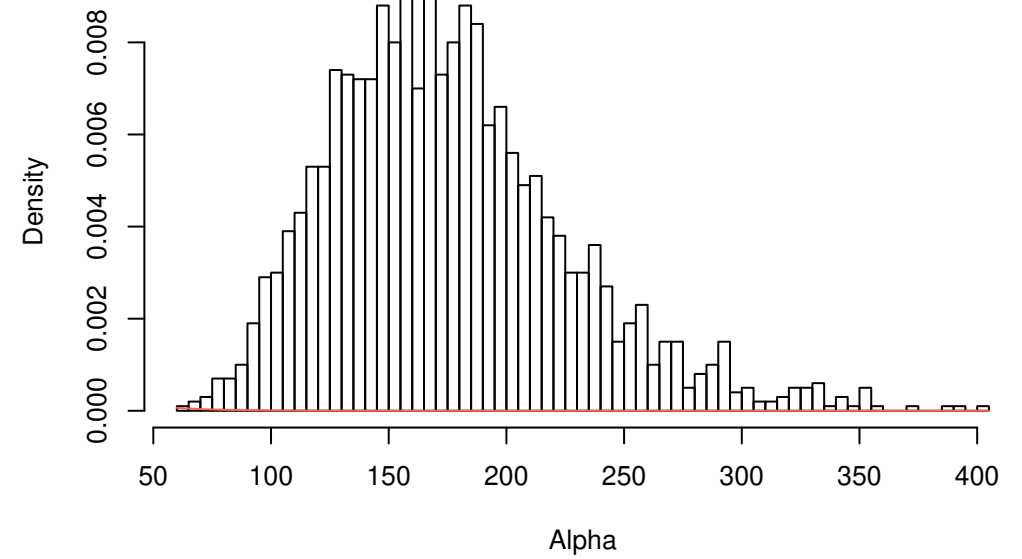
**Traceplot of the number of clusters**



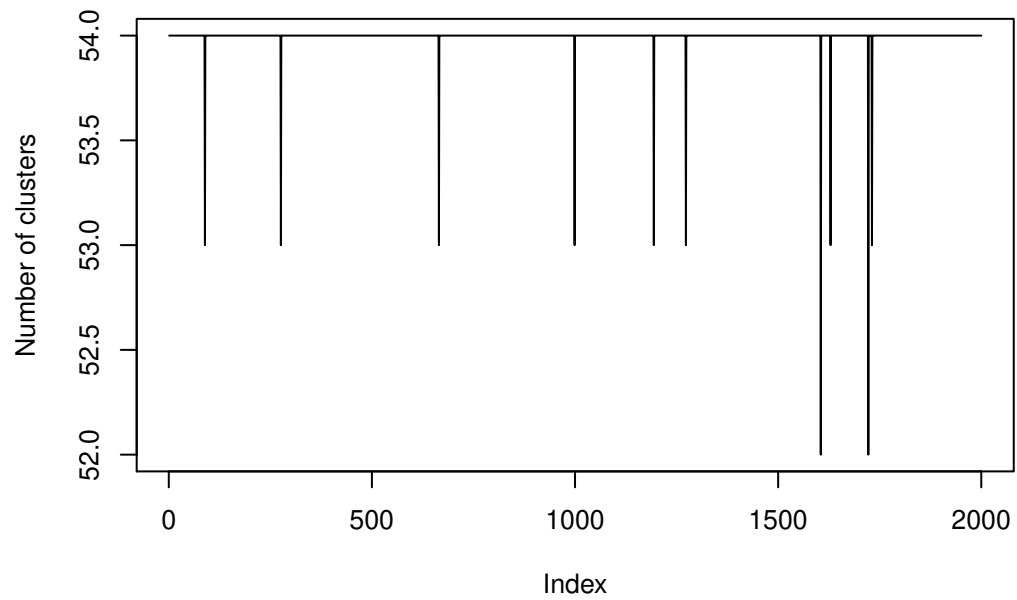
**Traceplot of alpha**



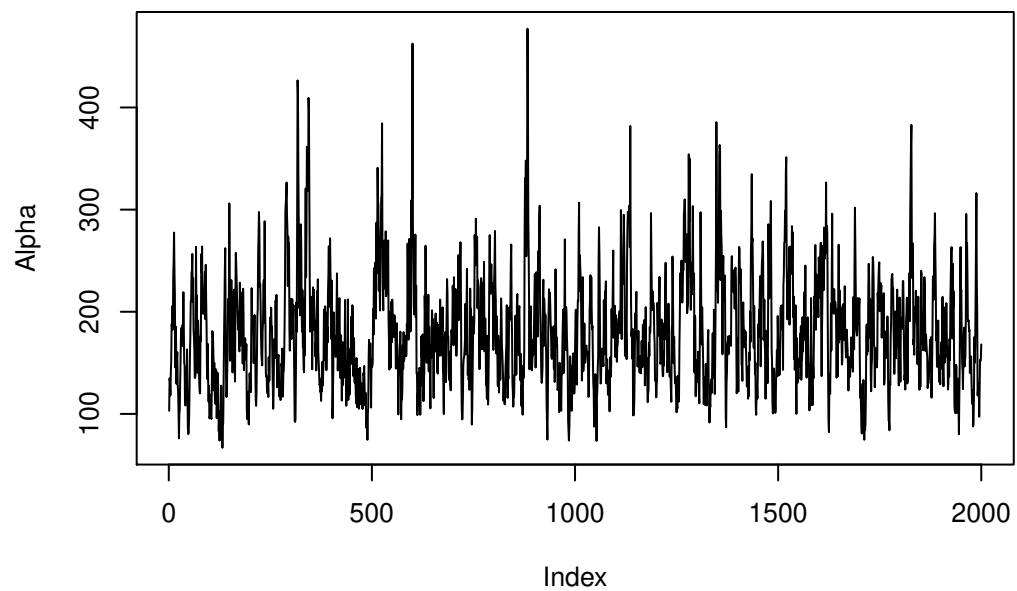
**Prior and posterior of alpha**



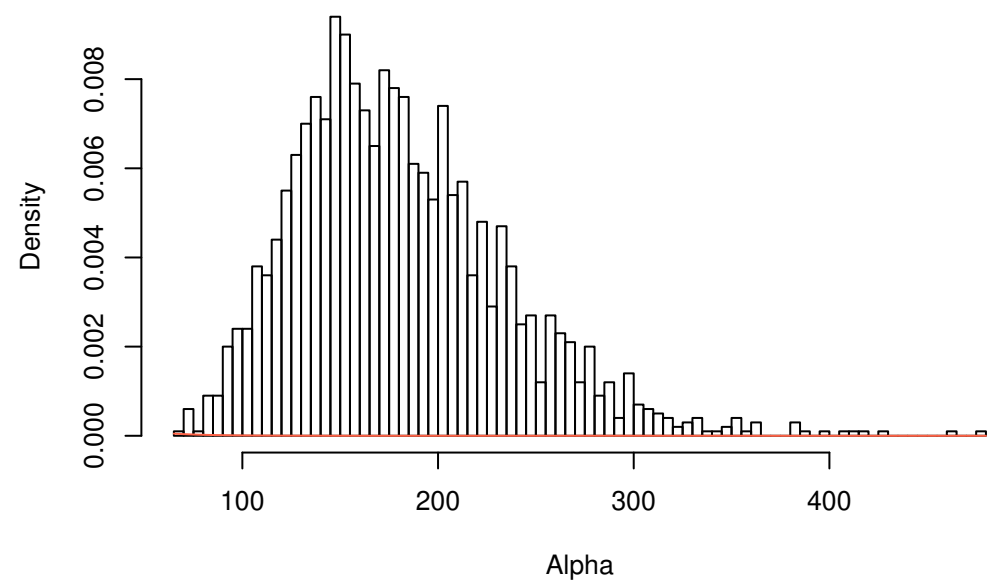
**Traceplot of the number of clusters**



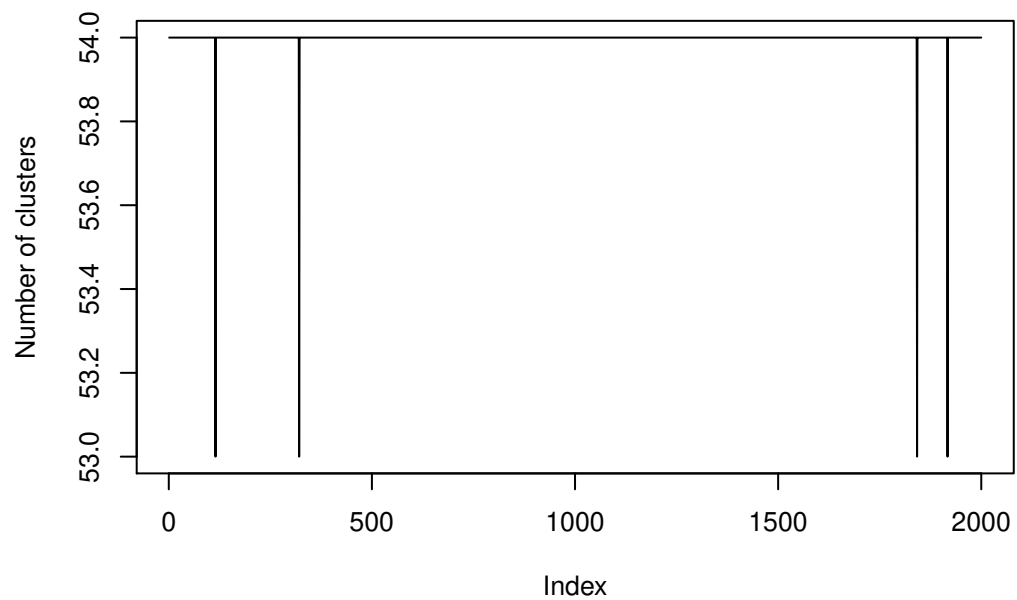
**Traceplot of alpha**



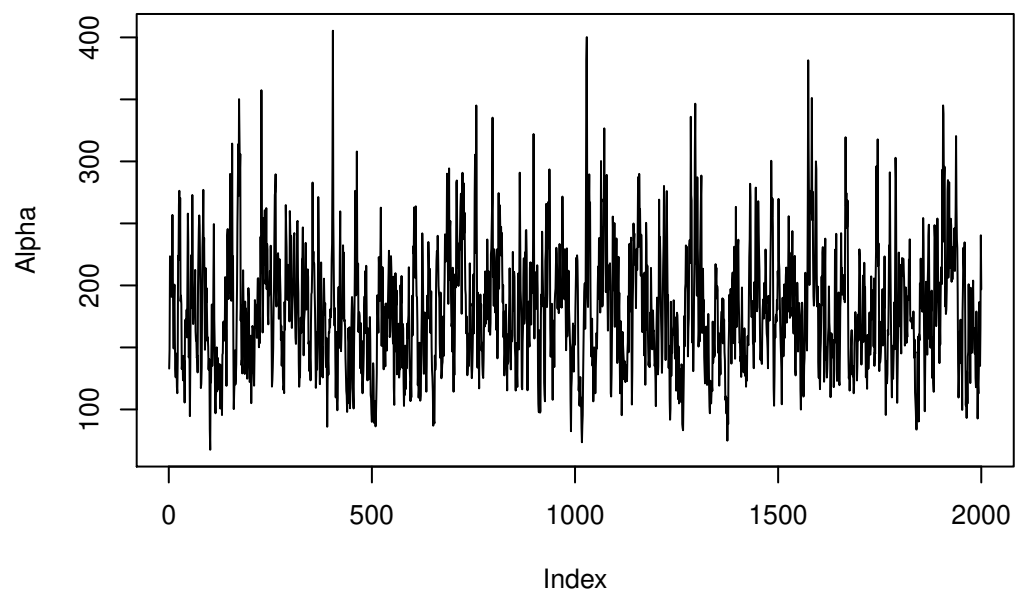
**Prior and posterior of alpha**



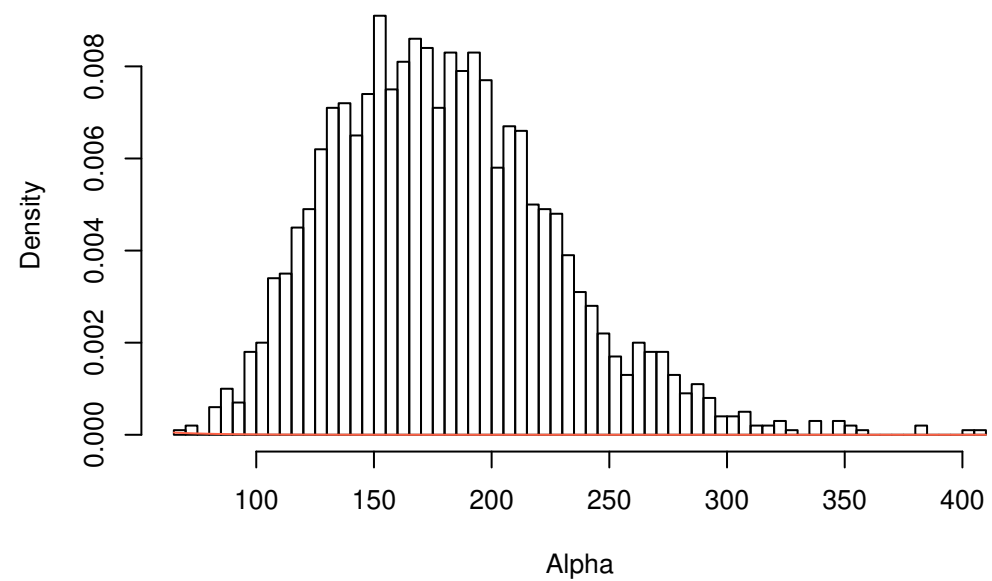
**Traceplot of the number of clusters**



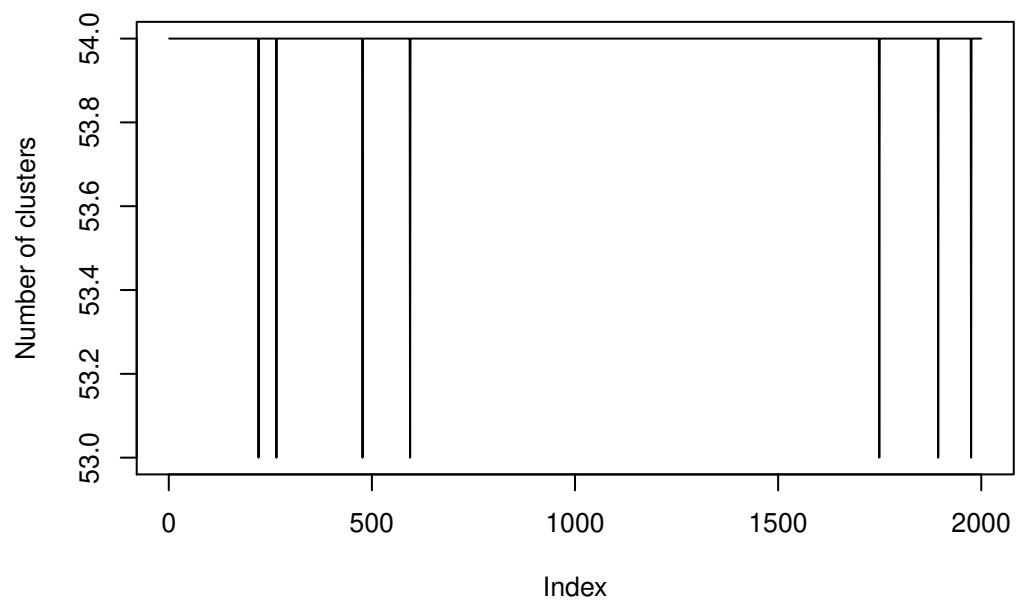
**Traceplot of alpha**



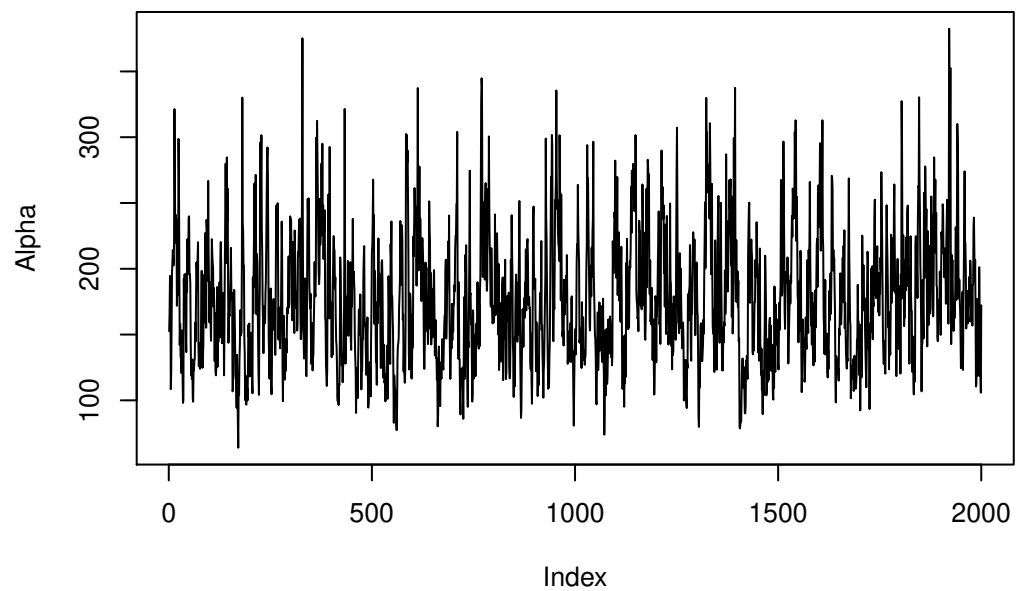
**Prior and posterior of alpha**



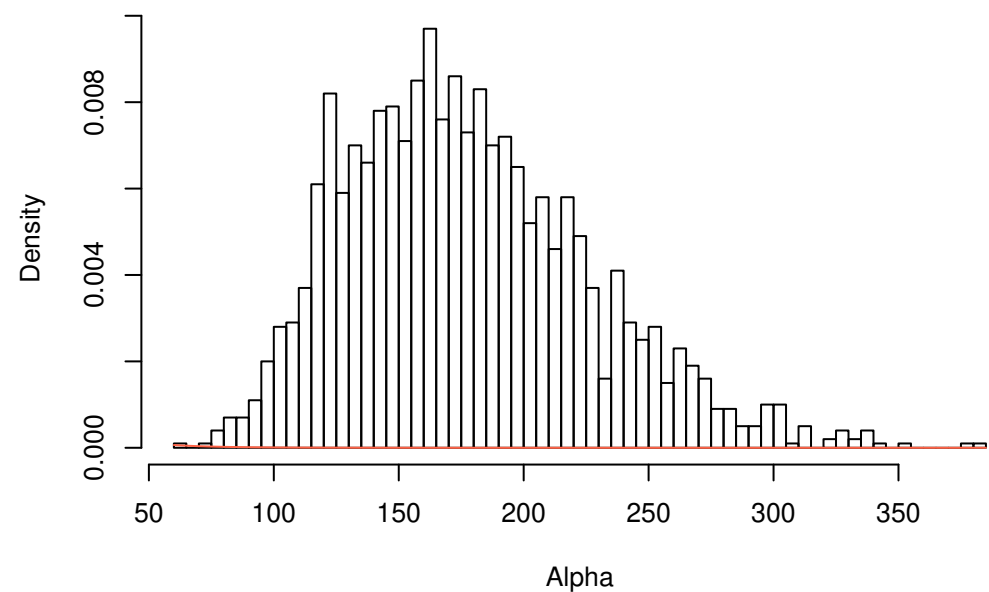
**Traceplot of the number of clusters**



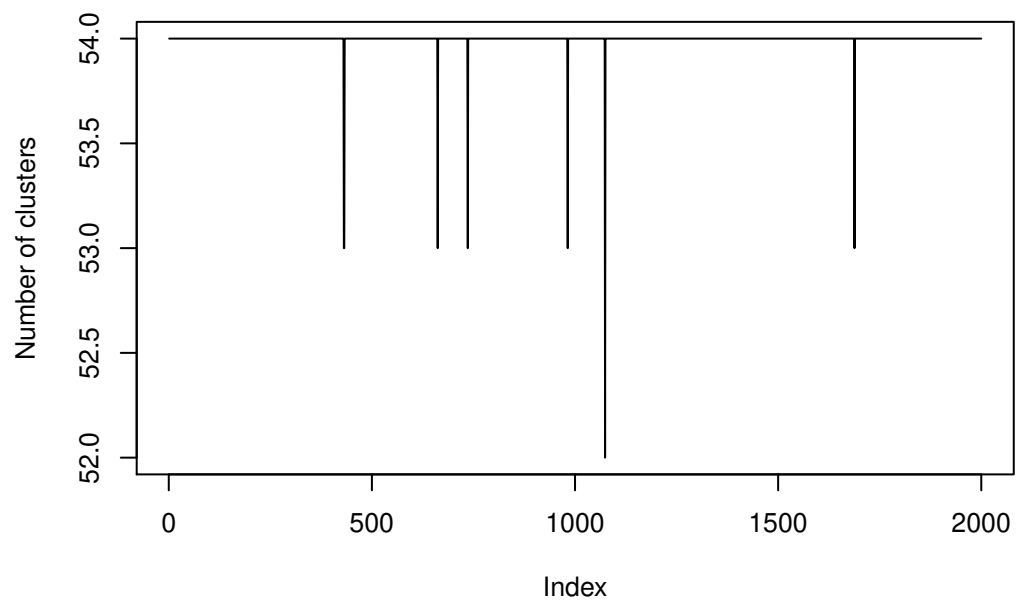
**Traceplot of alpha**



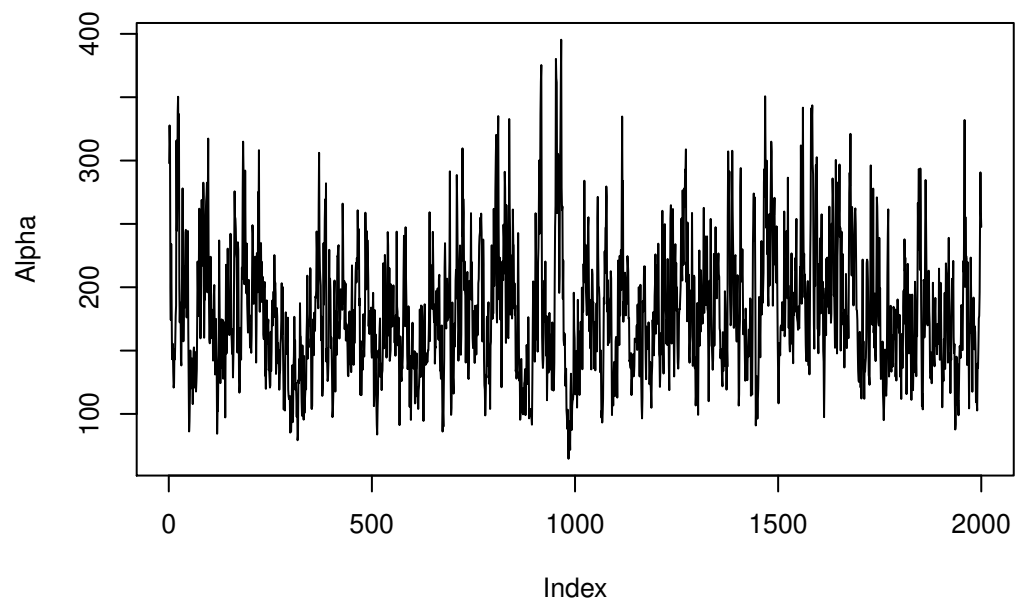
**Prior and posterior of alpha**



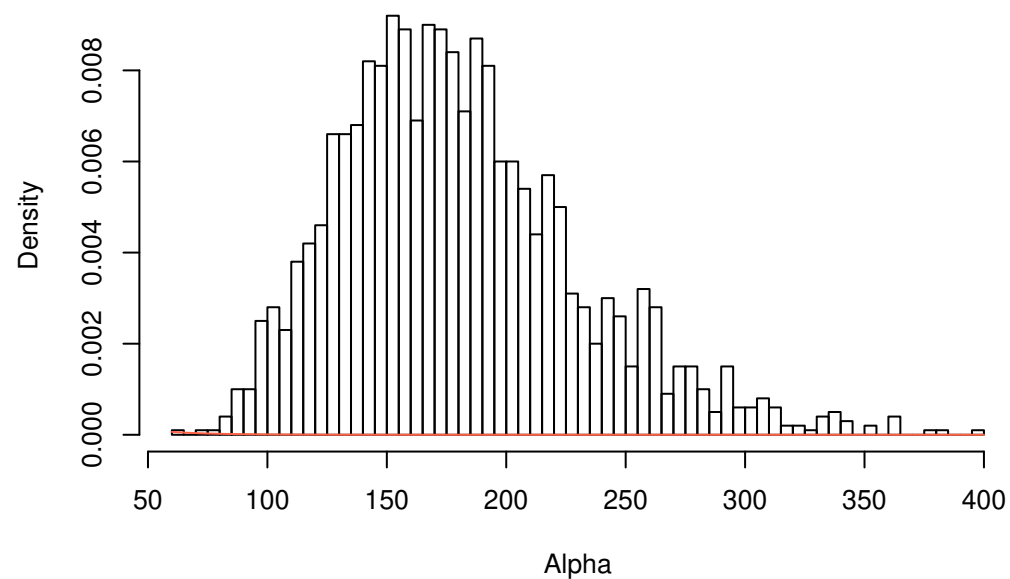
**Traceplot of the number of clusters**



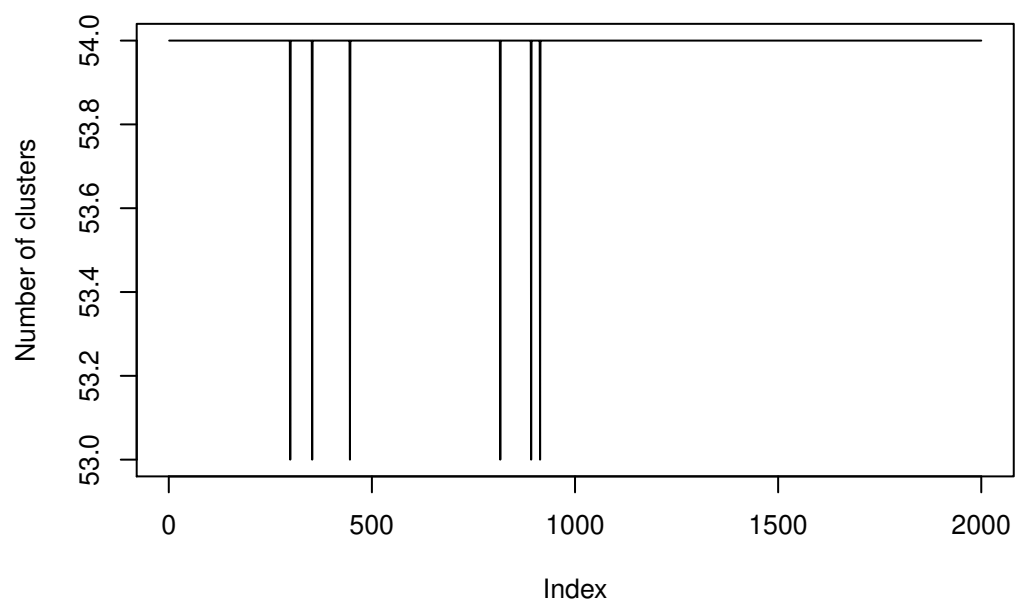
**Traceplot of alpha**



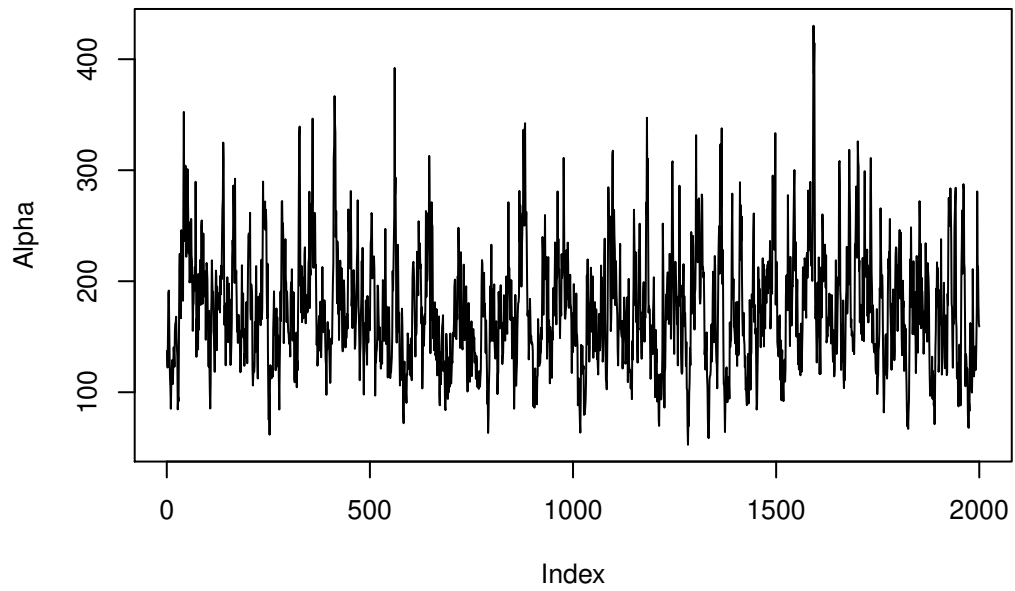
**Prior and posterior of alpha**



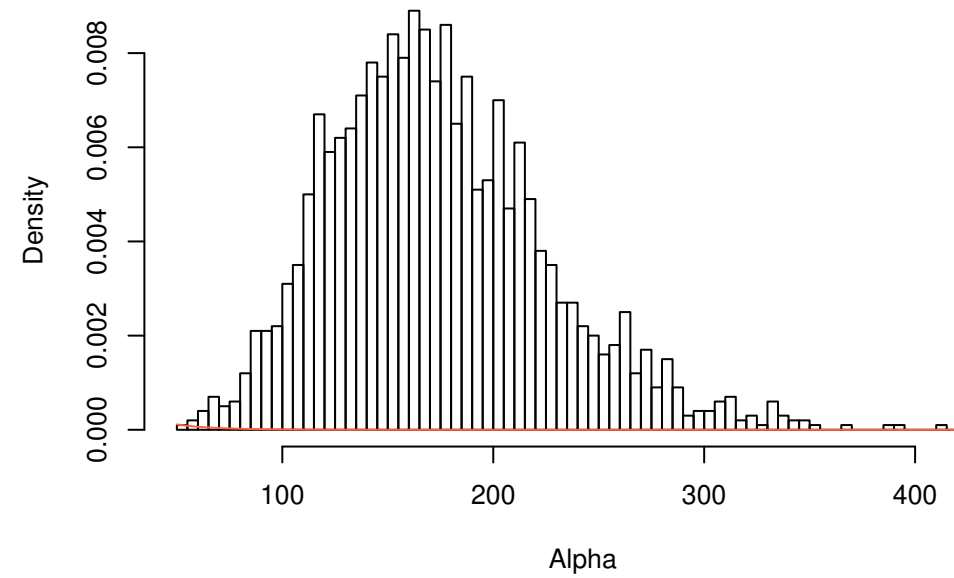
**Traceplot of the number of clusters**



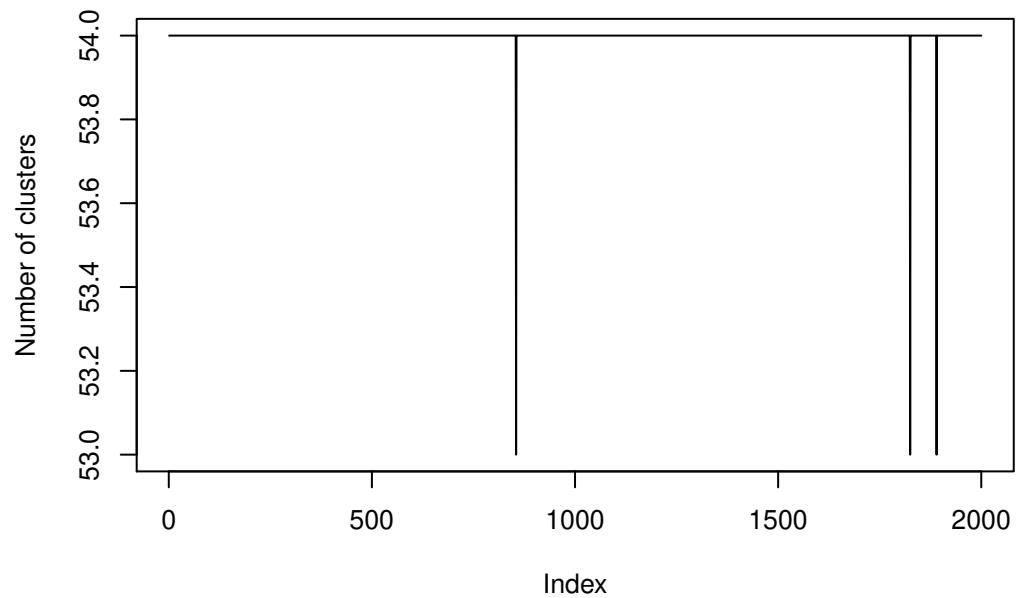
**Traceplot of alpha**



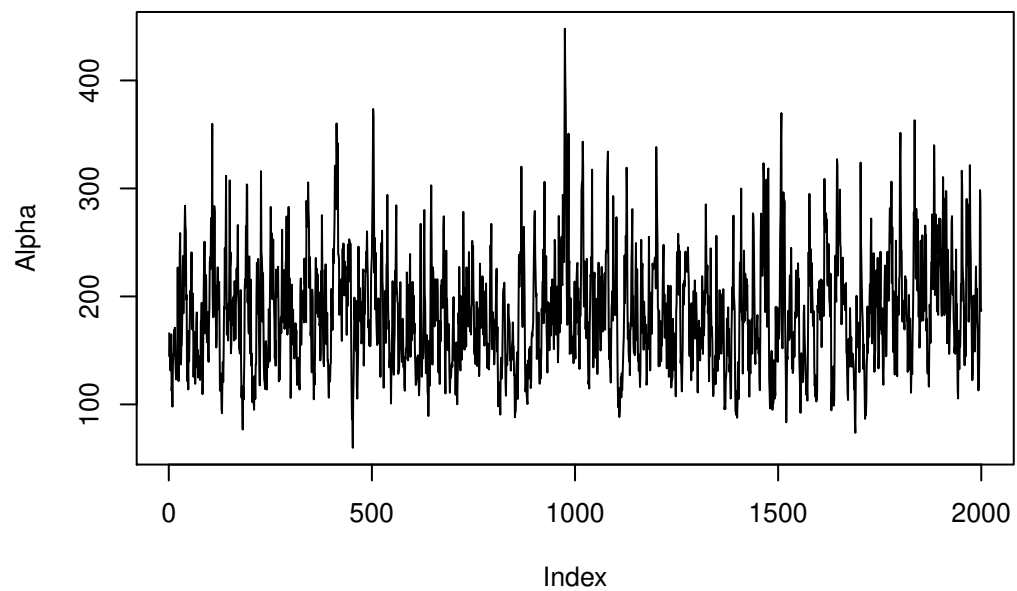
**Prior and posterior of alpha**



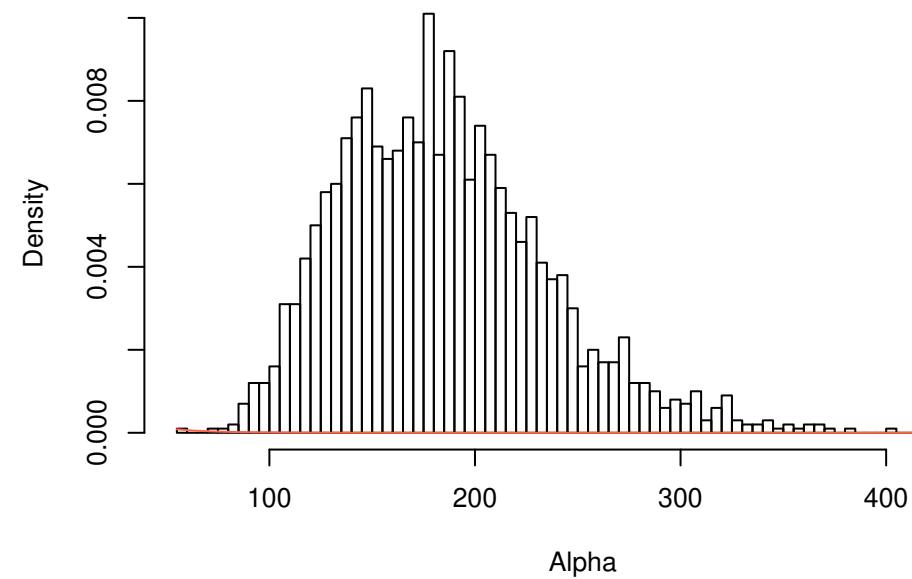
**Traceplot of the number of clusters**



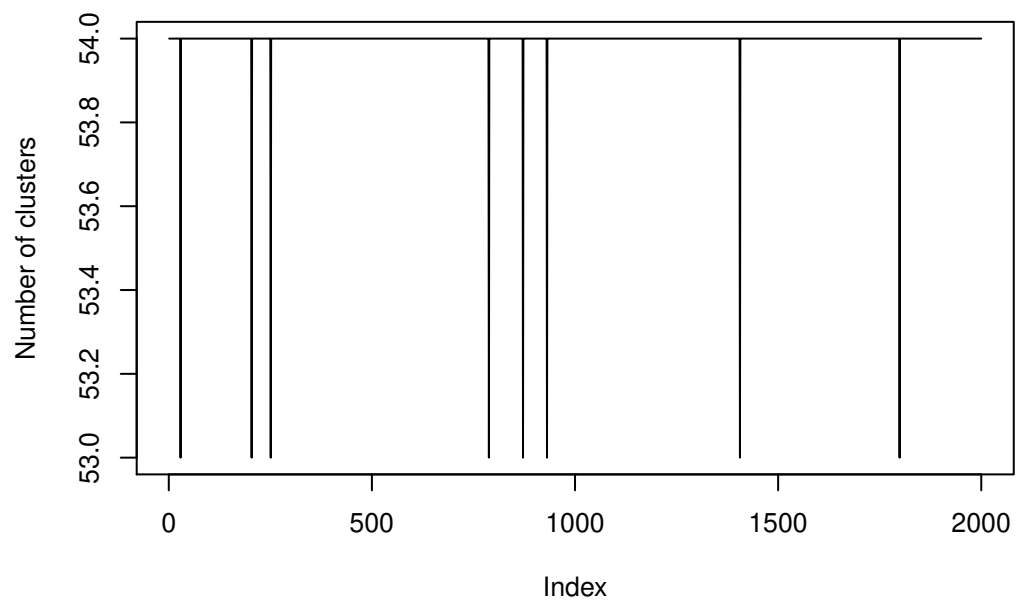
**Traceplot of alpha**



**Prior and posterior of alpha**

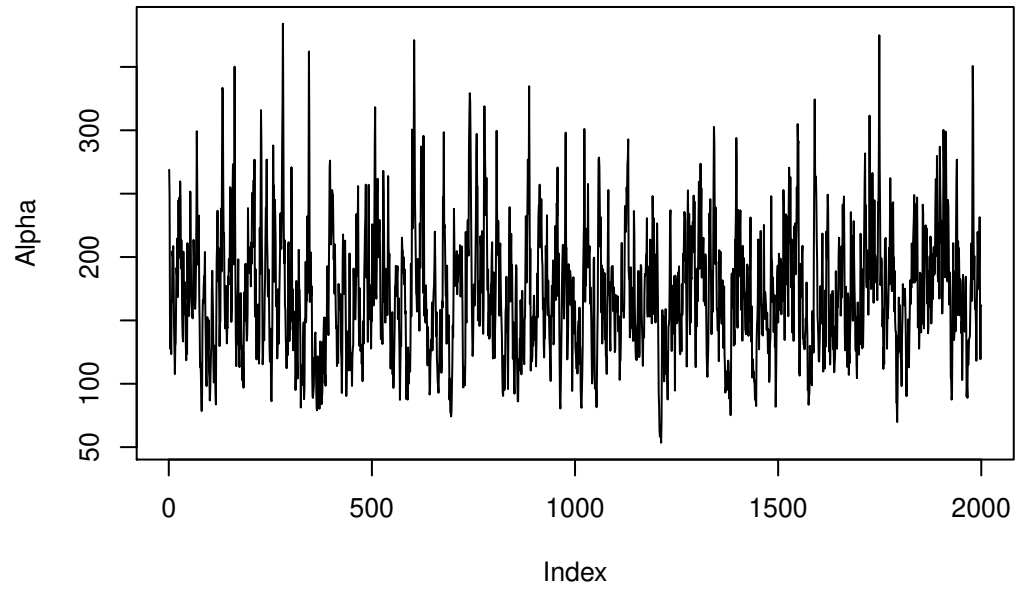


**Traceplot of the number of clusters**

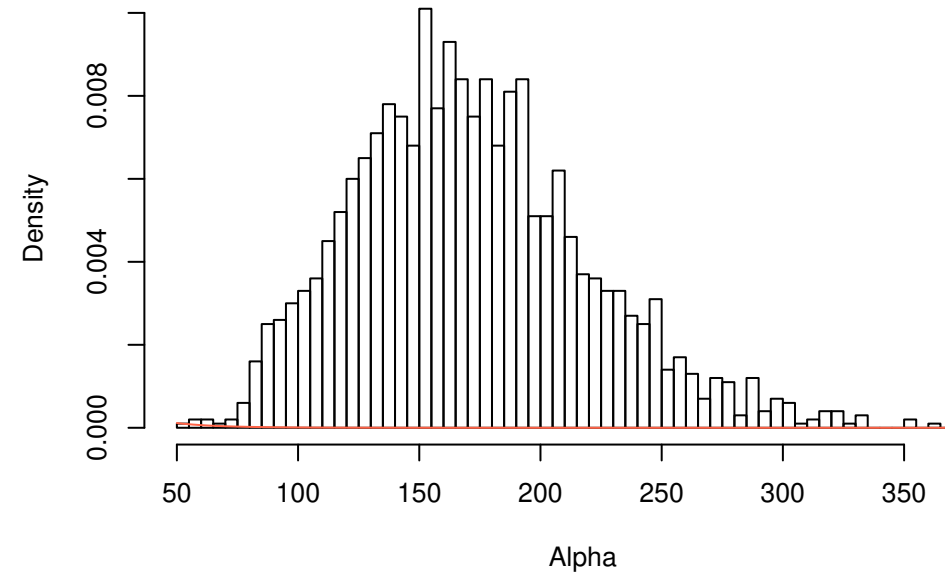




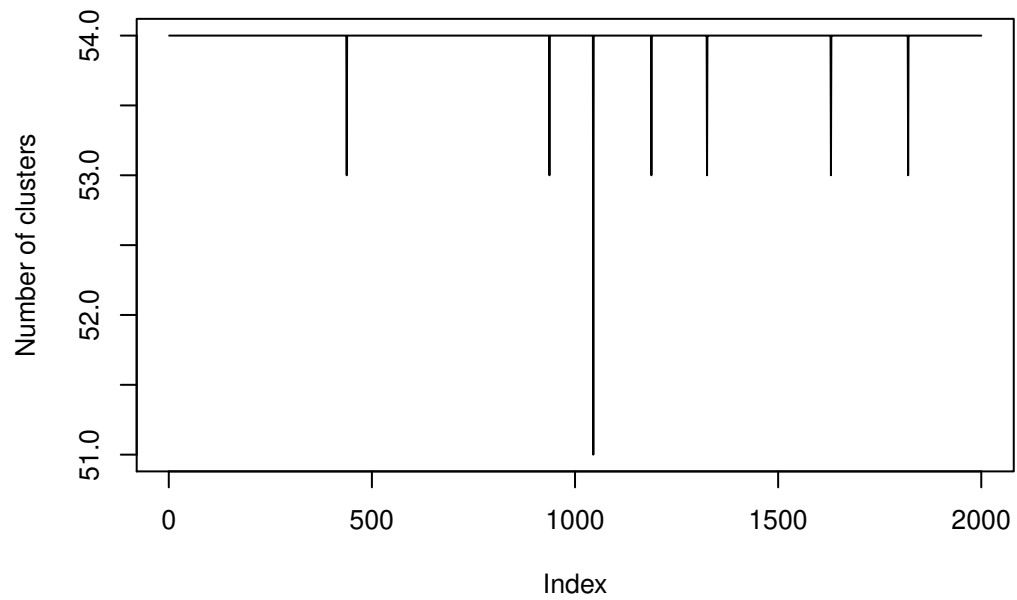
**Traceplot of alpha**



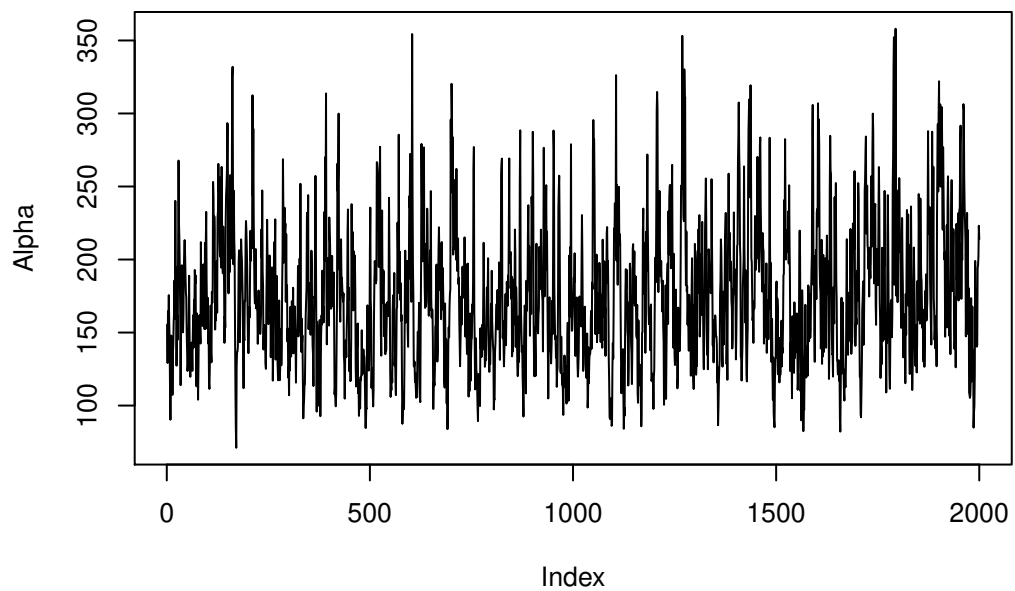
**Prior and posterior of alpha**



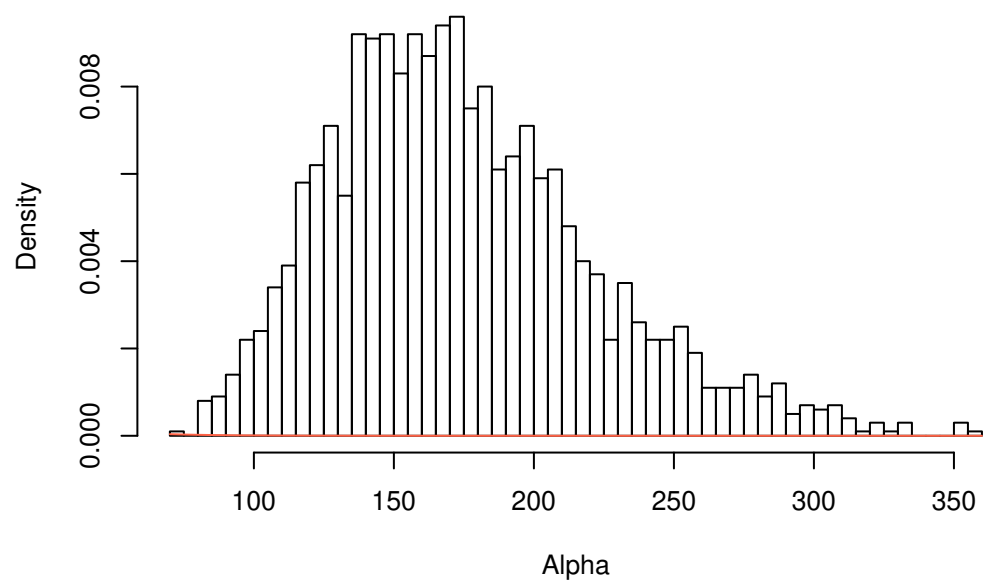
**Traceplot of the number of clusters**



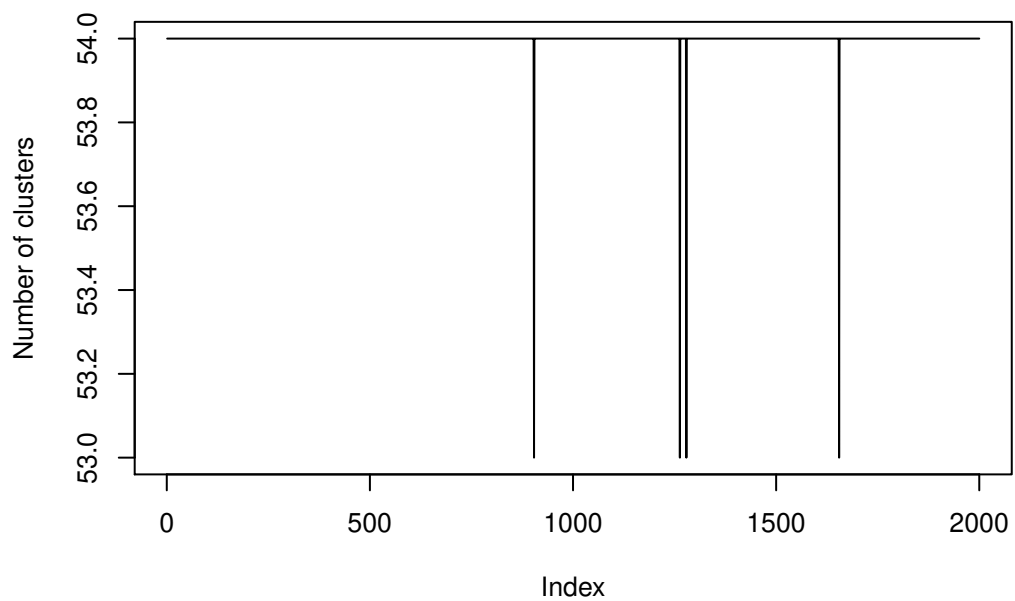
**Traceplot of alpha**



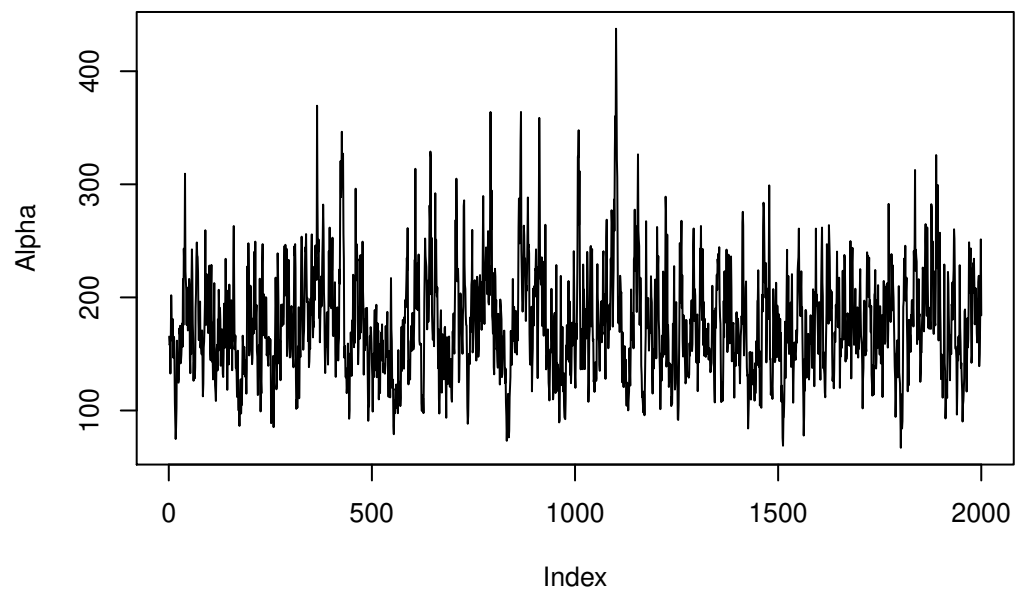
**Prior and posterior of alpha**



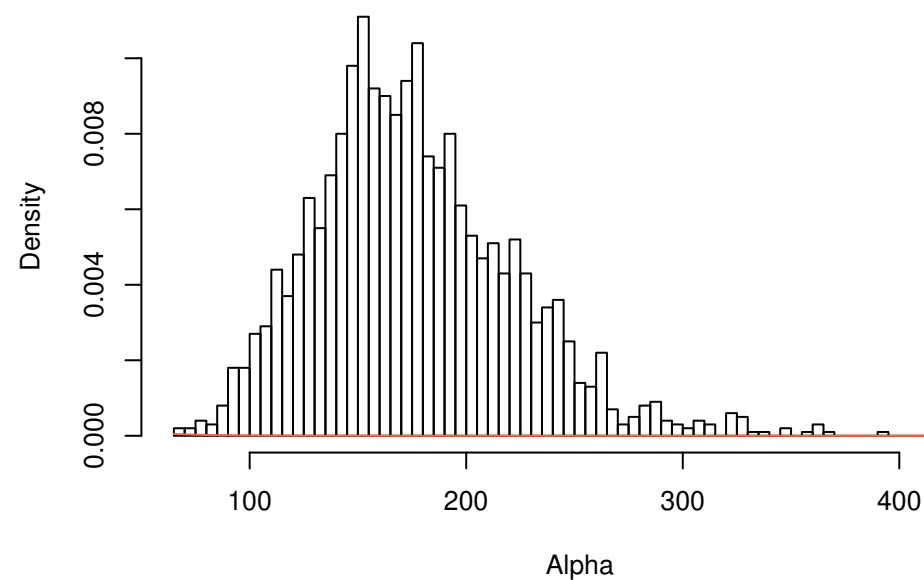
**Traceplot of the number of clusters**



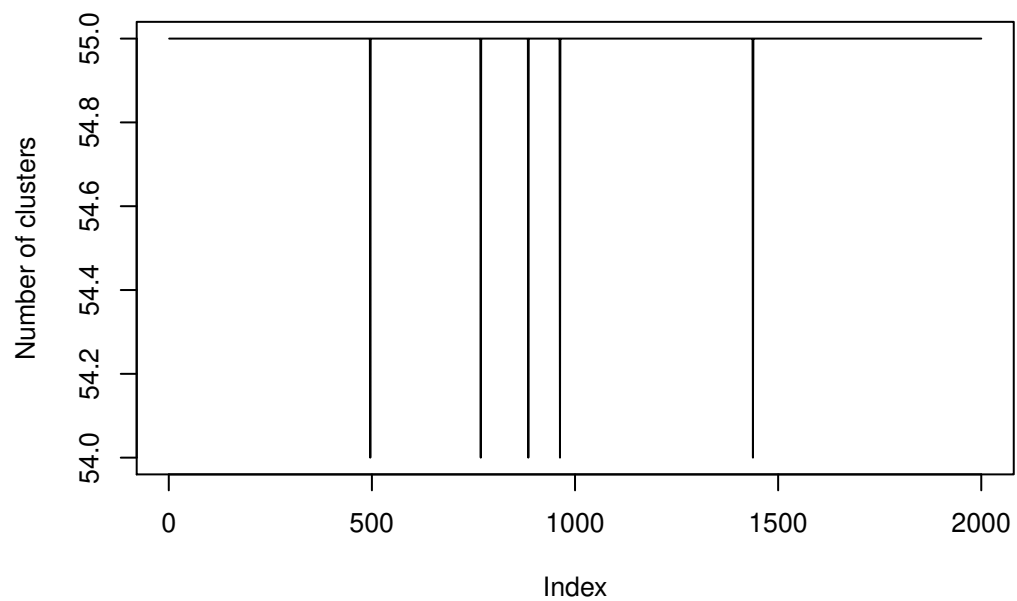
**Traceplot of alpha**



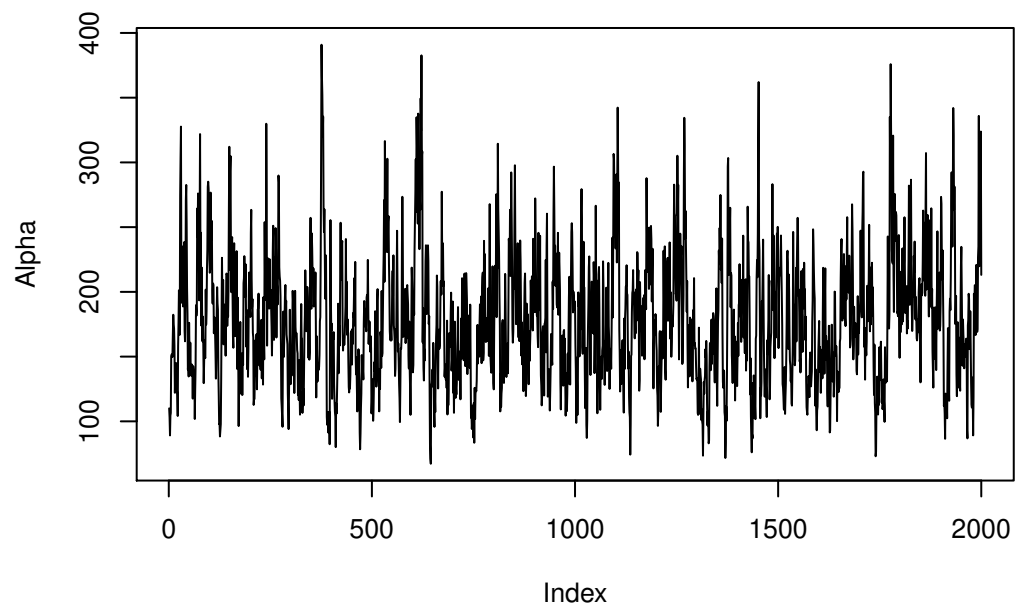
**Prior and posterior of alpha**



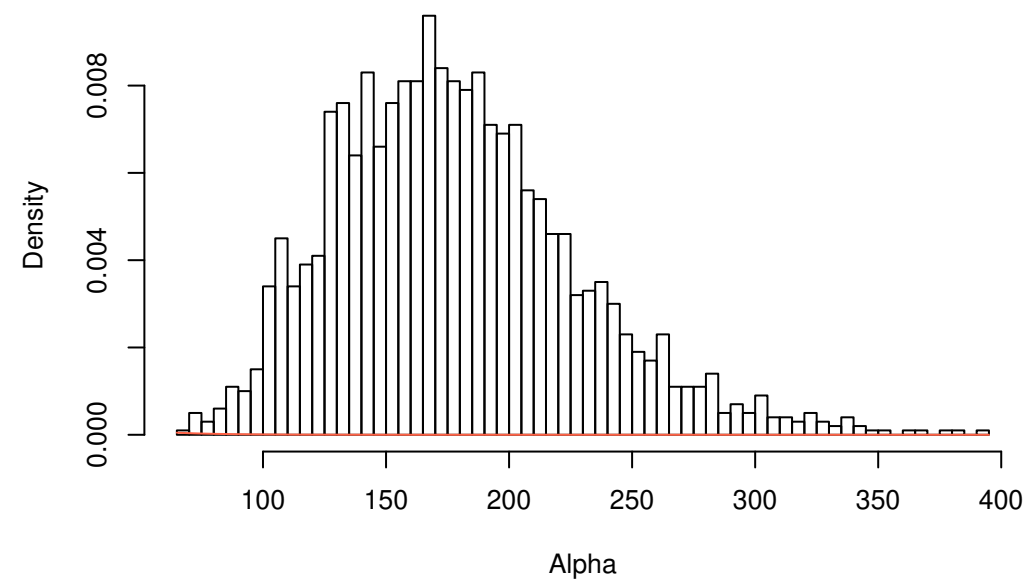
**Traceplot of the number of clusters**



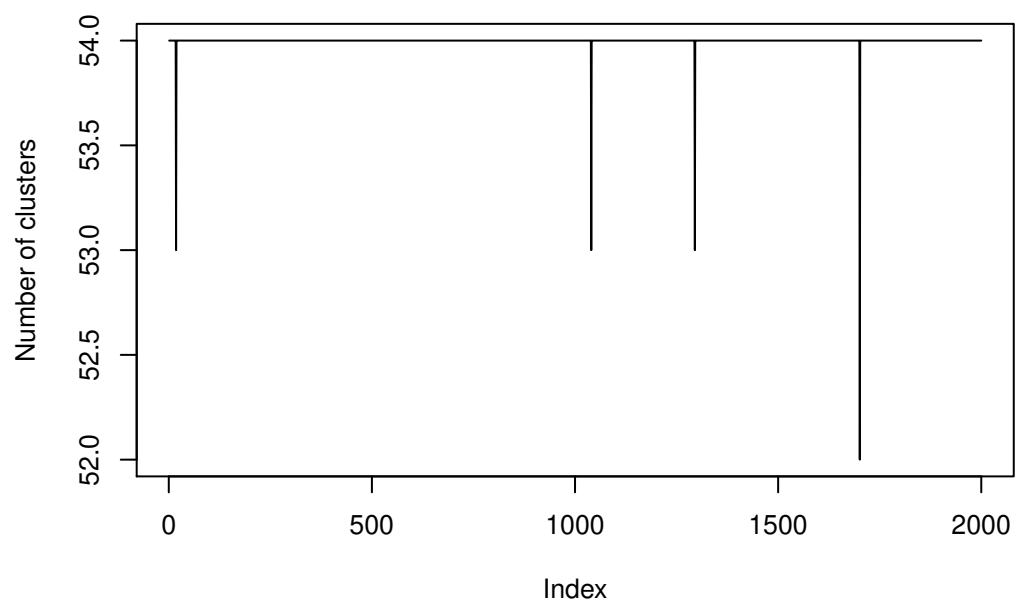
**Traceplot of alpha**



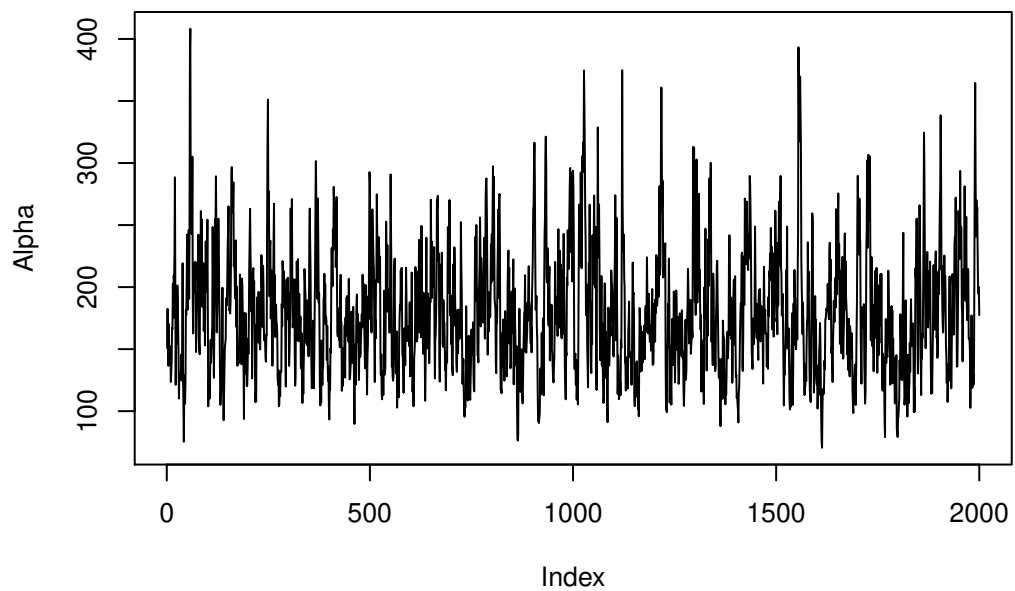
**Prior and posterior of alpha**



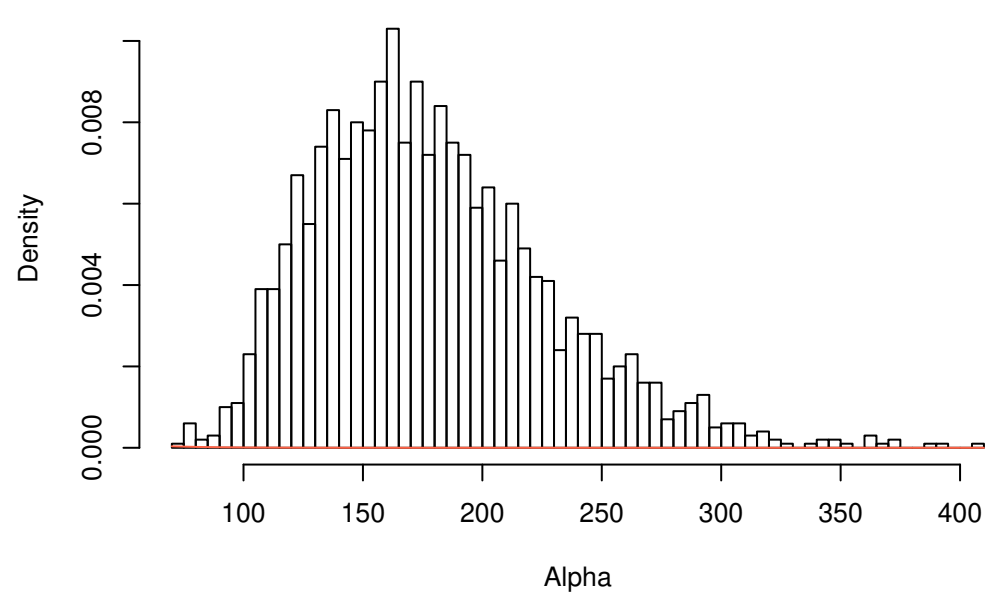
**Traceplot of the number of clusters**



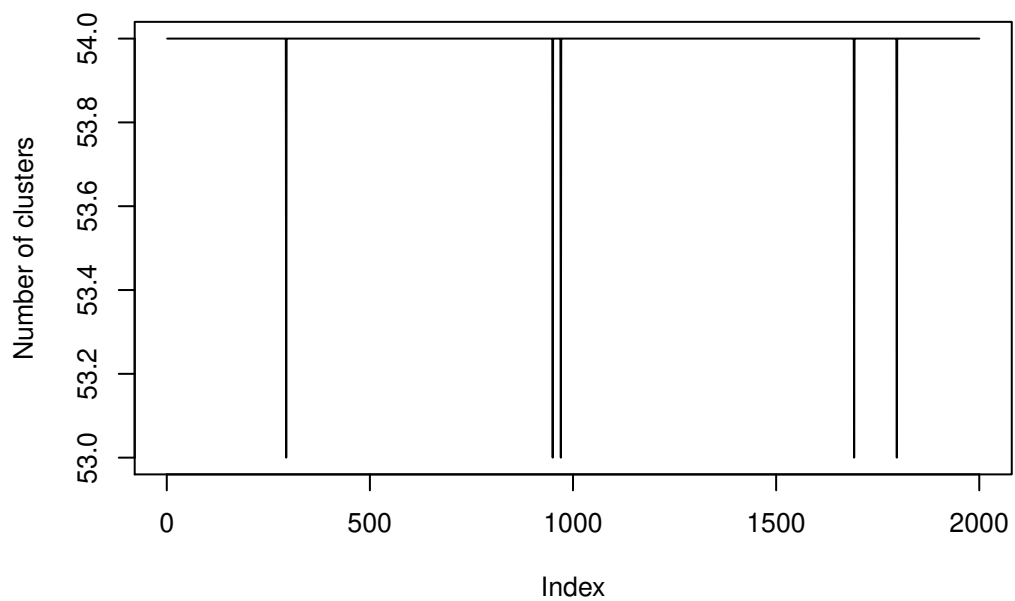
**Traceplot of alpha**



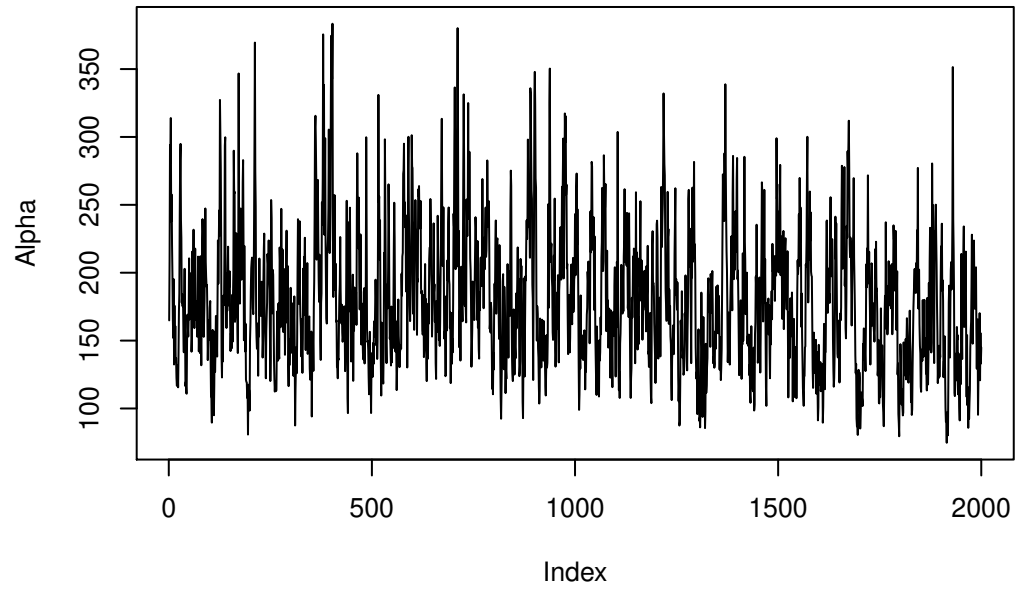
**Prior and posterior of alpha**



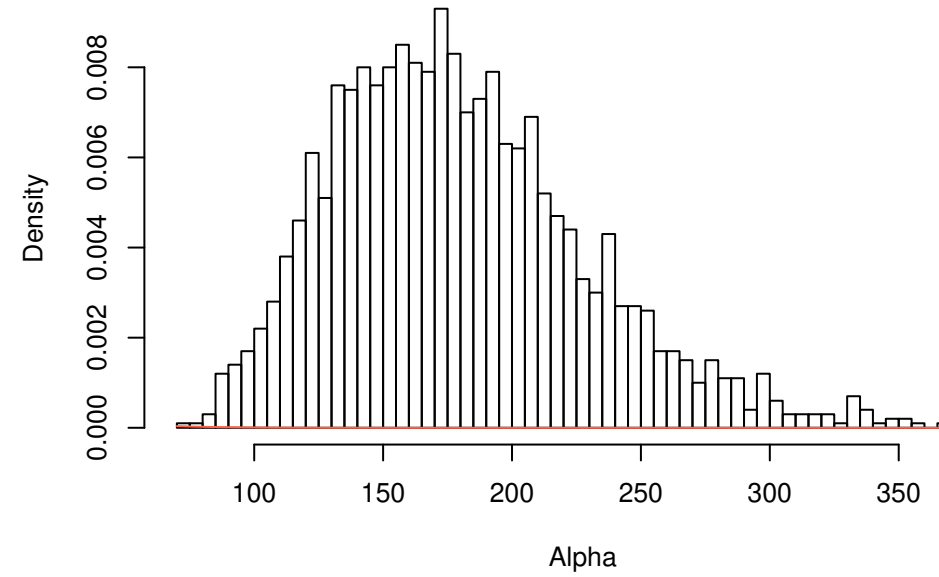
**Traceplot of the number of clusters**



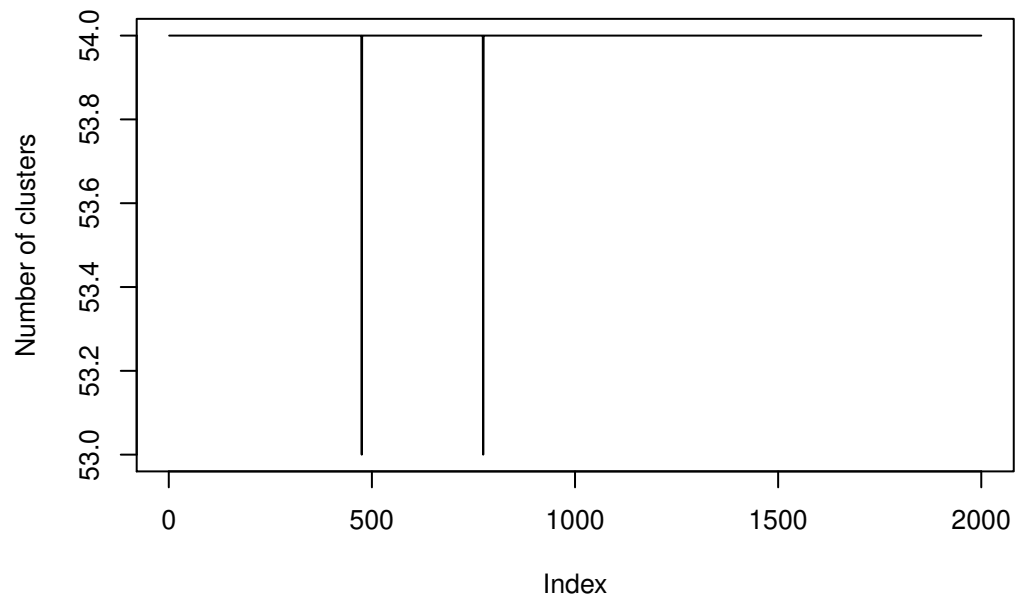
**Traceplot of alpha**



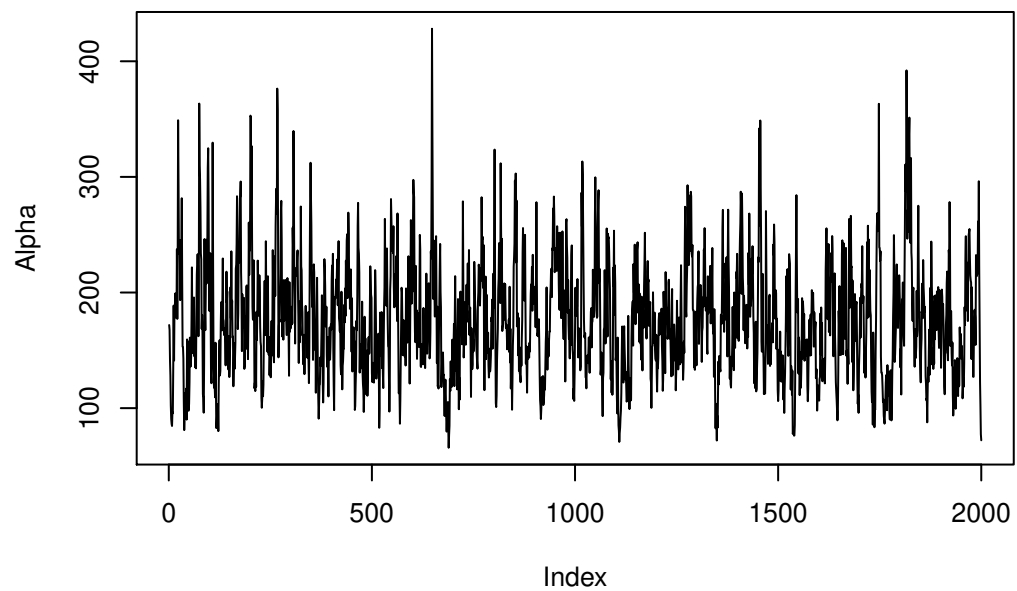
**Prior and posterior of alpha**



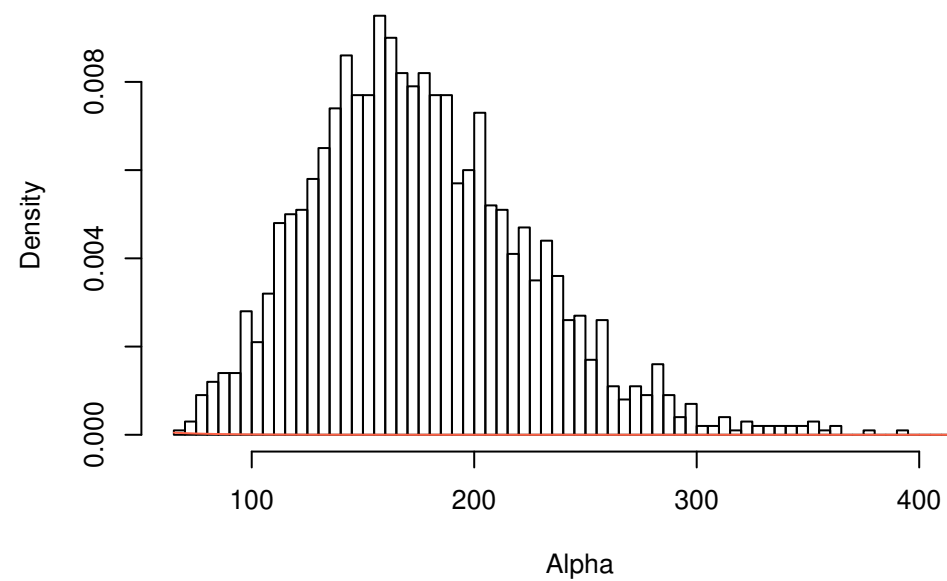
**Traceplot of the number of clusters**



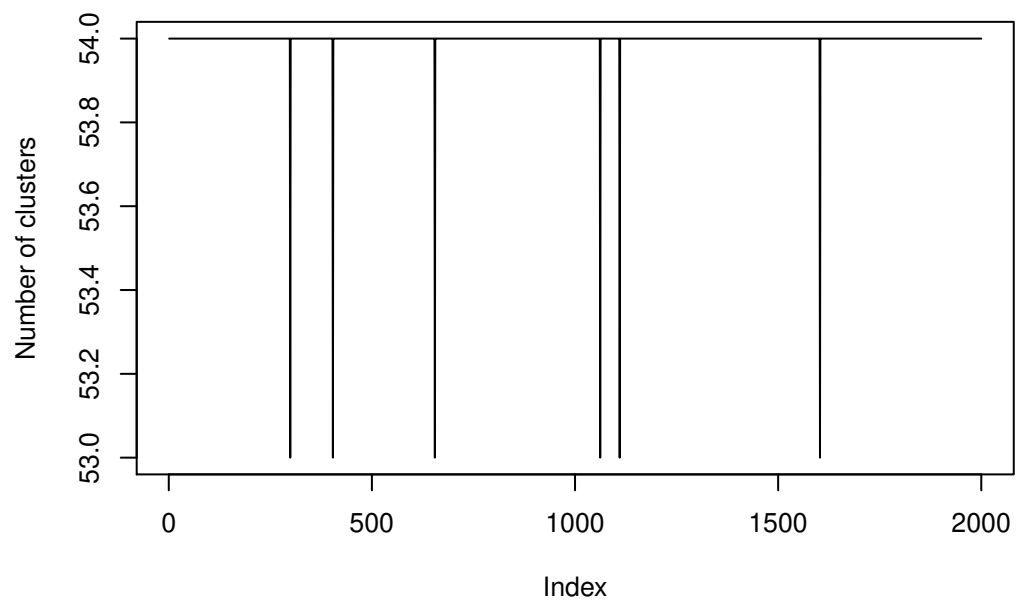
**Traceplot of alpha**



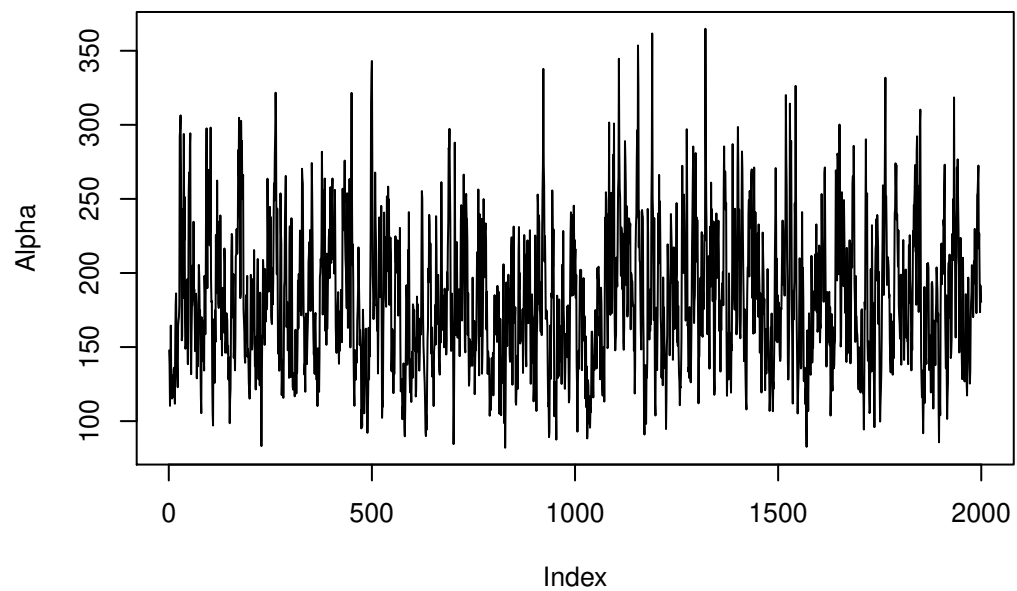
**Prior and posterior of alpha**



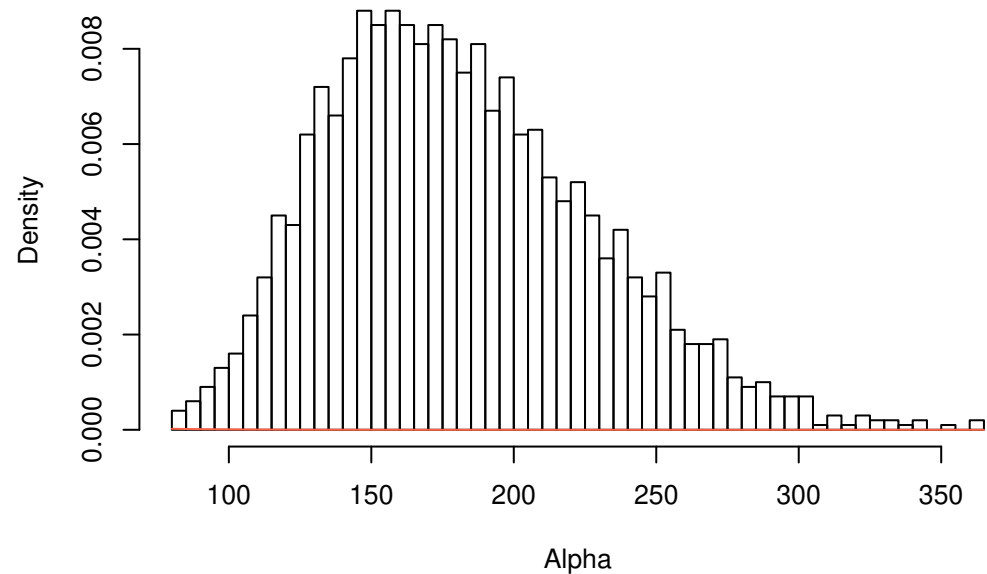
**Traceplot of the number of clusters**



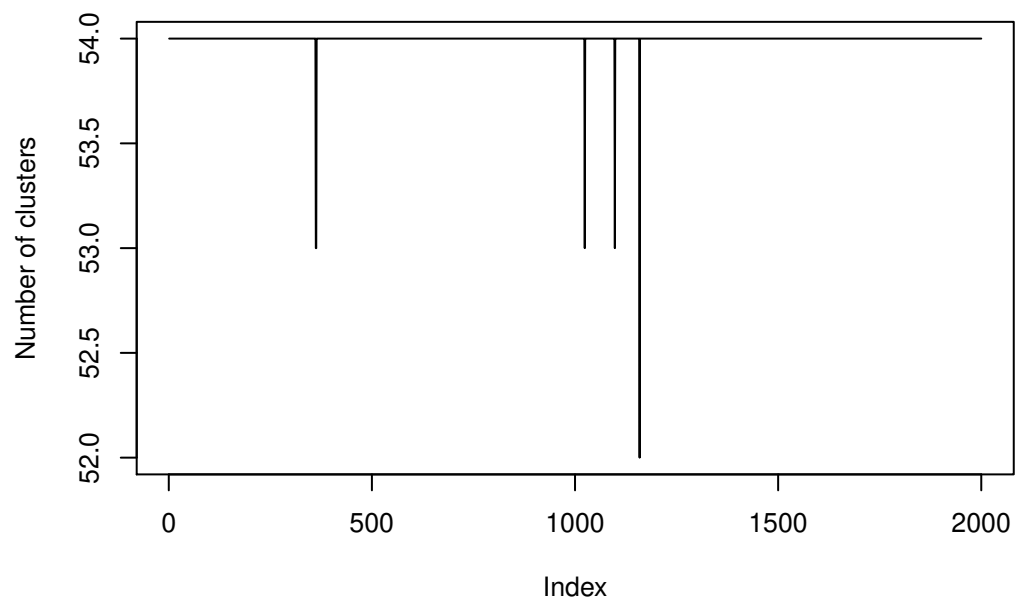
**Traceplot of alpha**



**Prior and posterior of alpha**

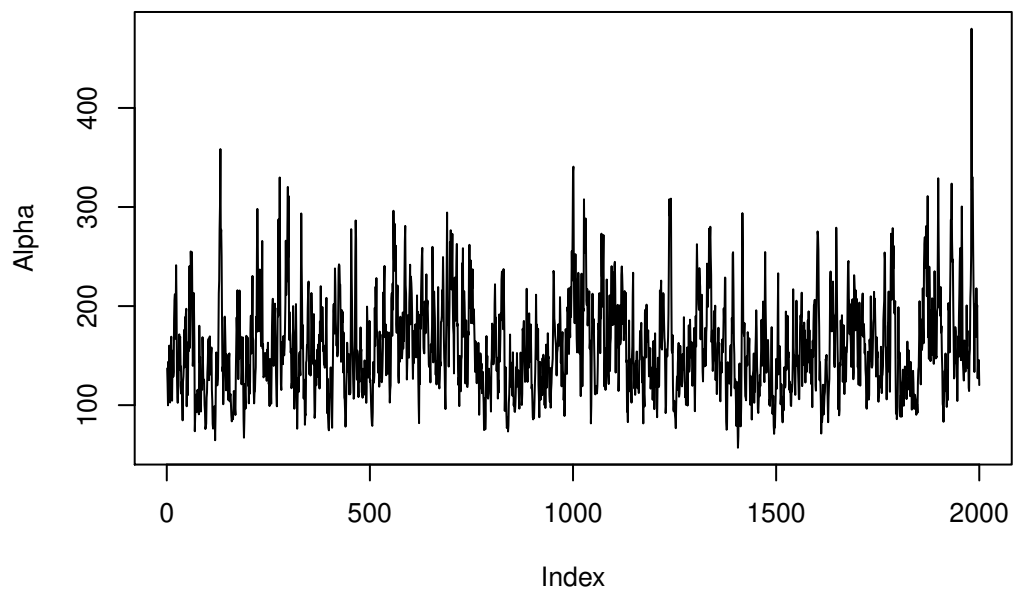


**Traceplot of the number of clusters**

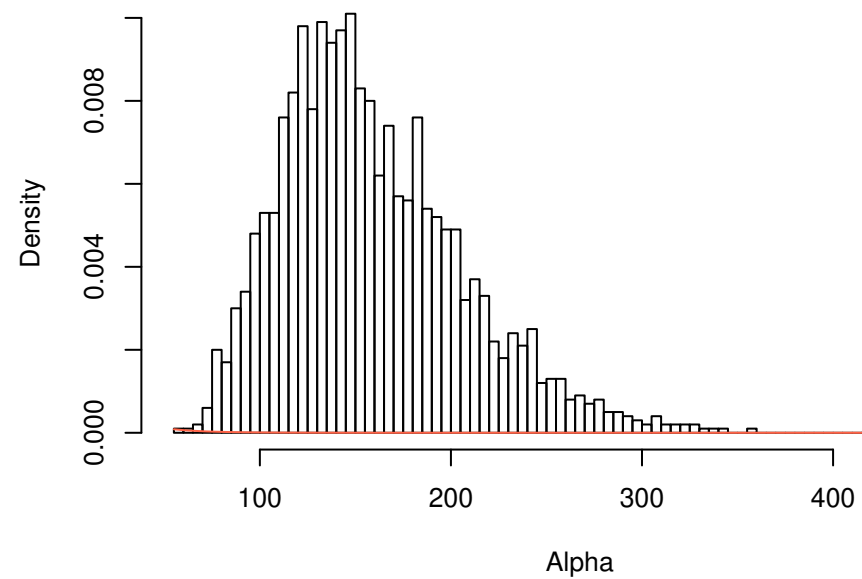




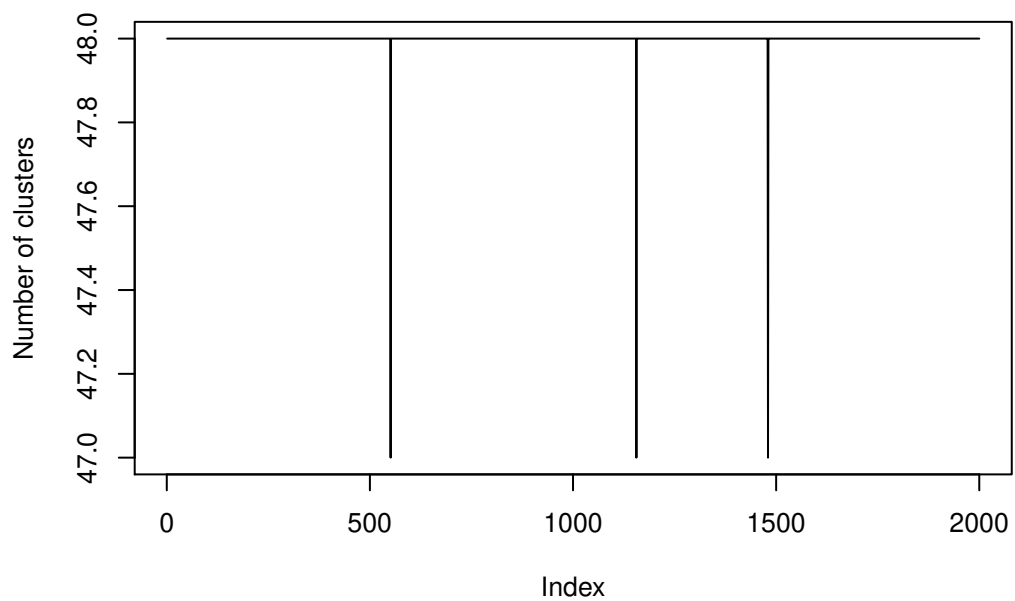
**Traceplot of alpha**



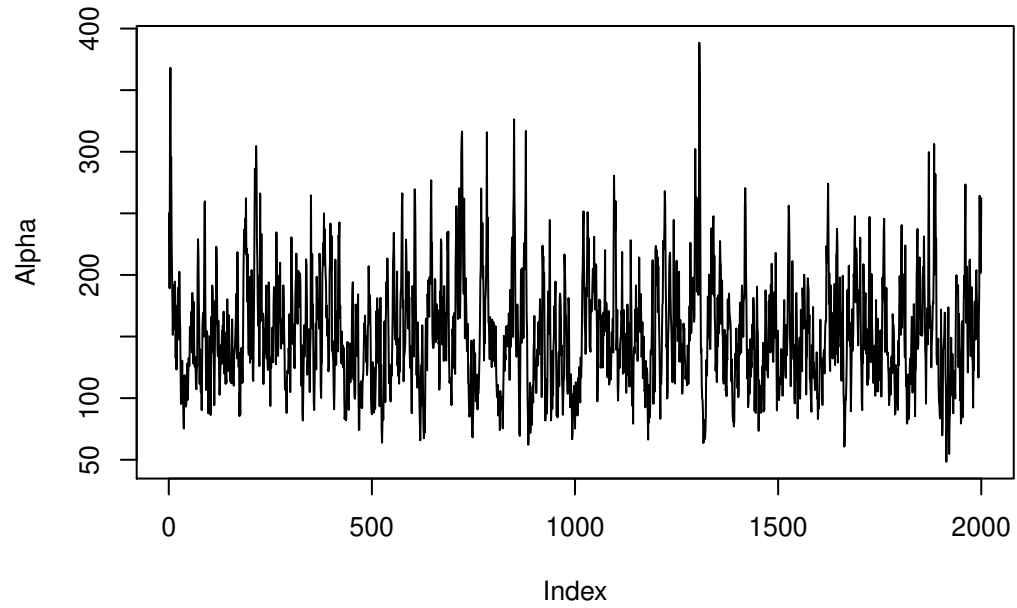
**Prior and posterior of alpha**



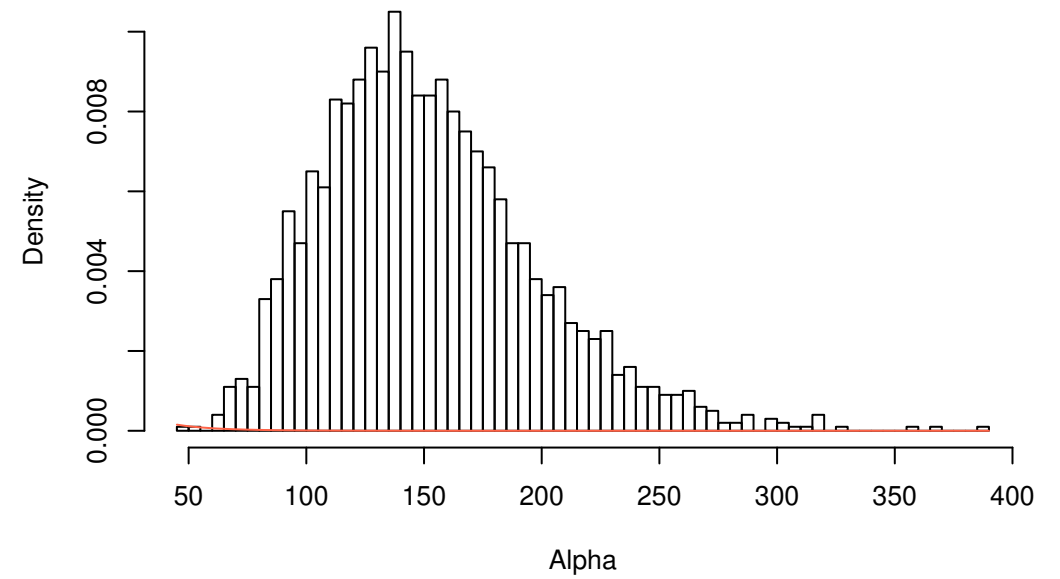
**Traceplot of the number of clusters**



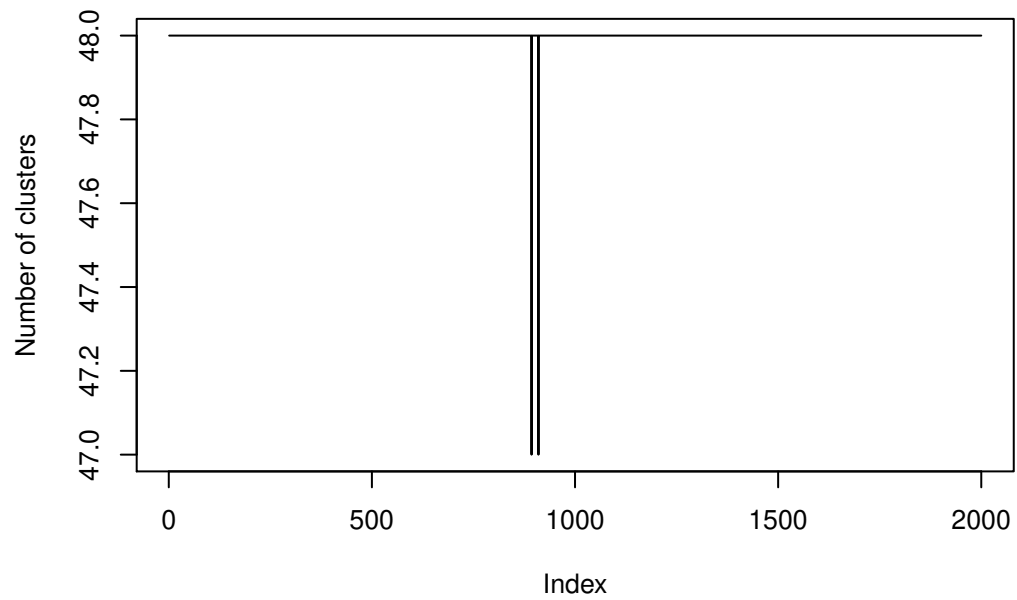
**Traceplot of alpha**



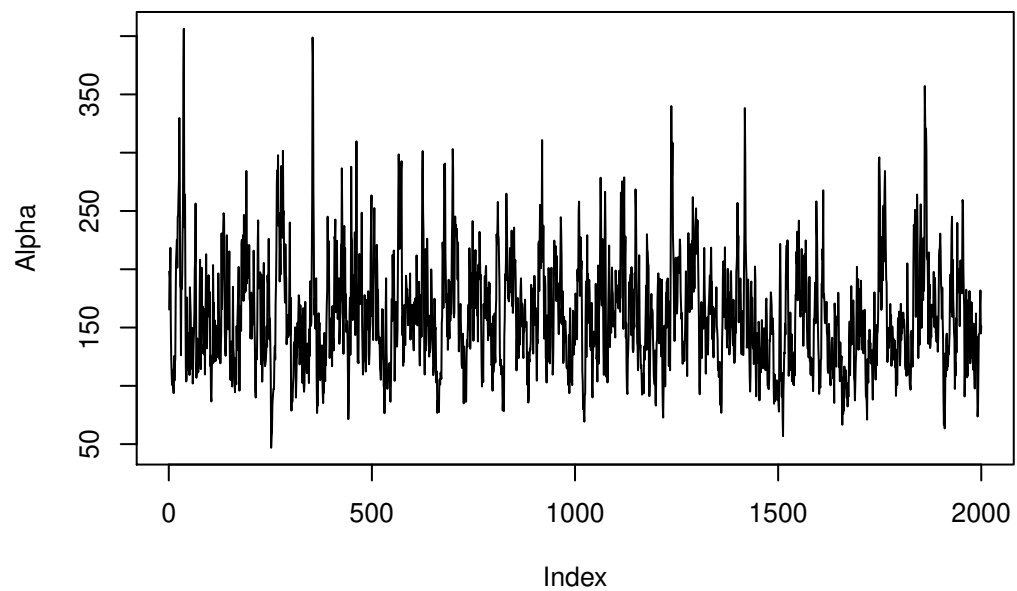
**Prior and posterior of alpha**



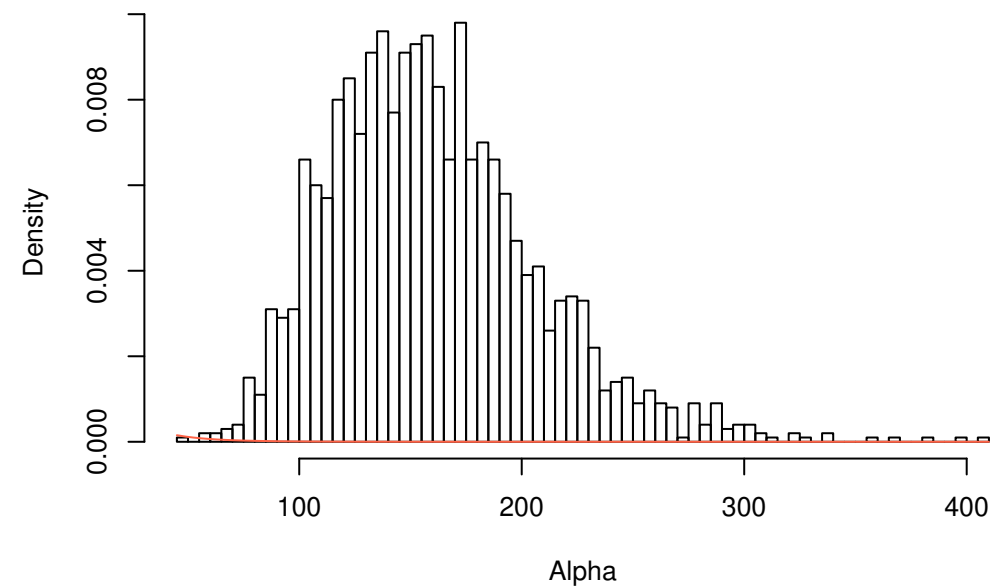
**Traceplot of the number of clusters**



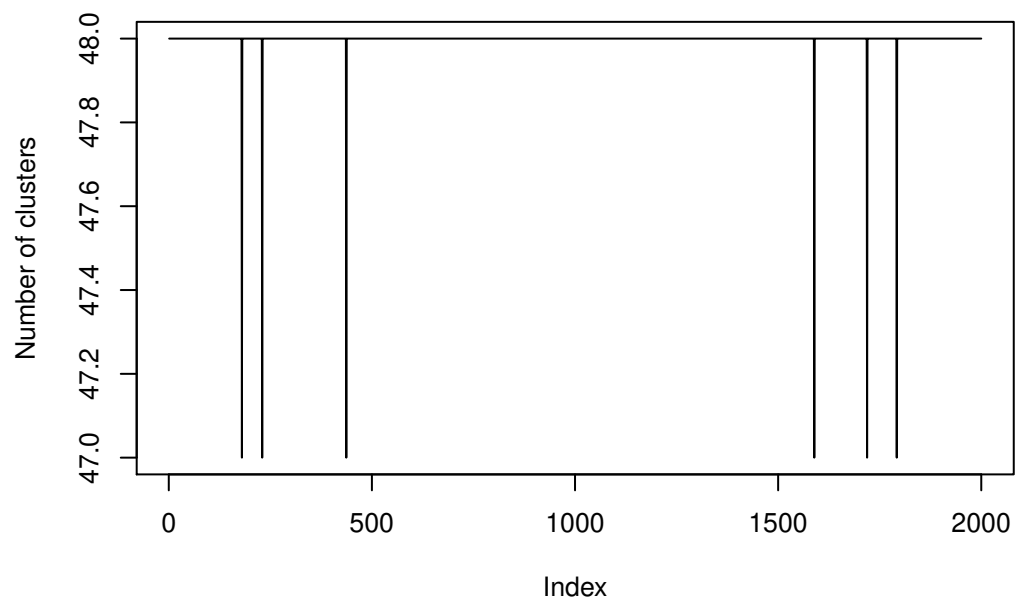
**Traceplot of alpha**



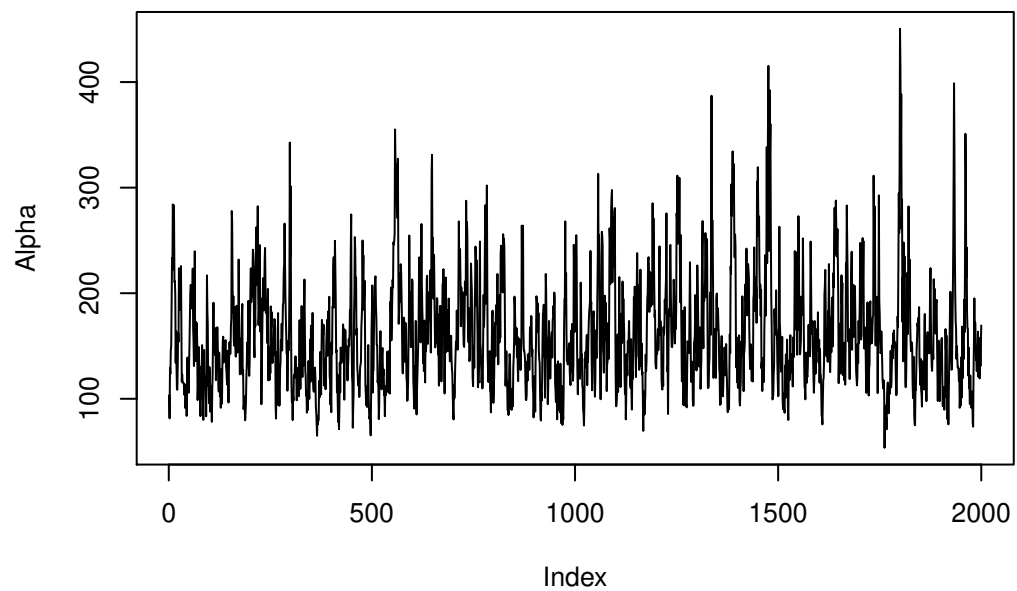
**Prior and posterior of alpha**



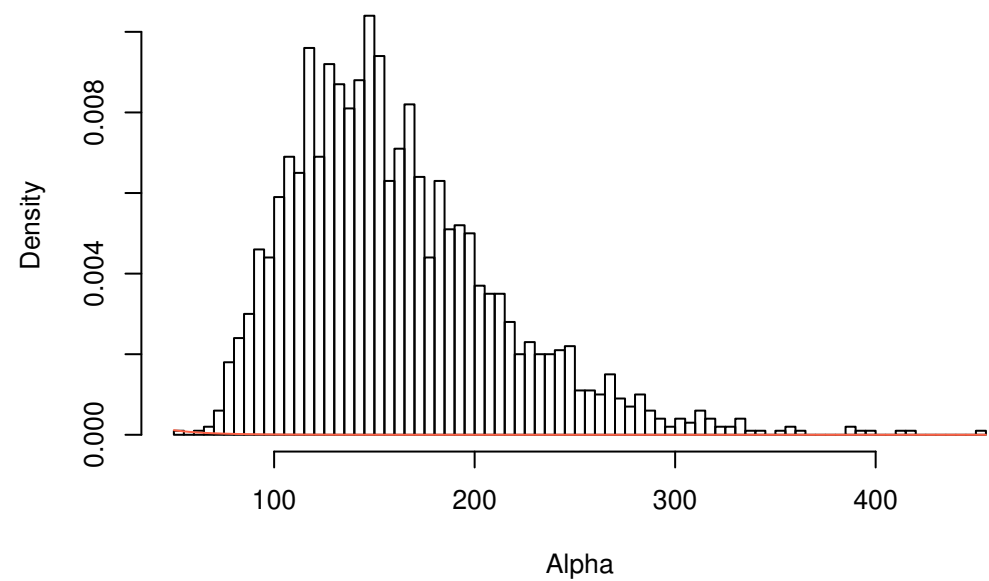
**Traceplot of the number of clusters**



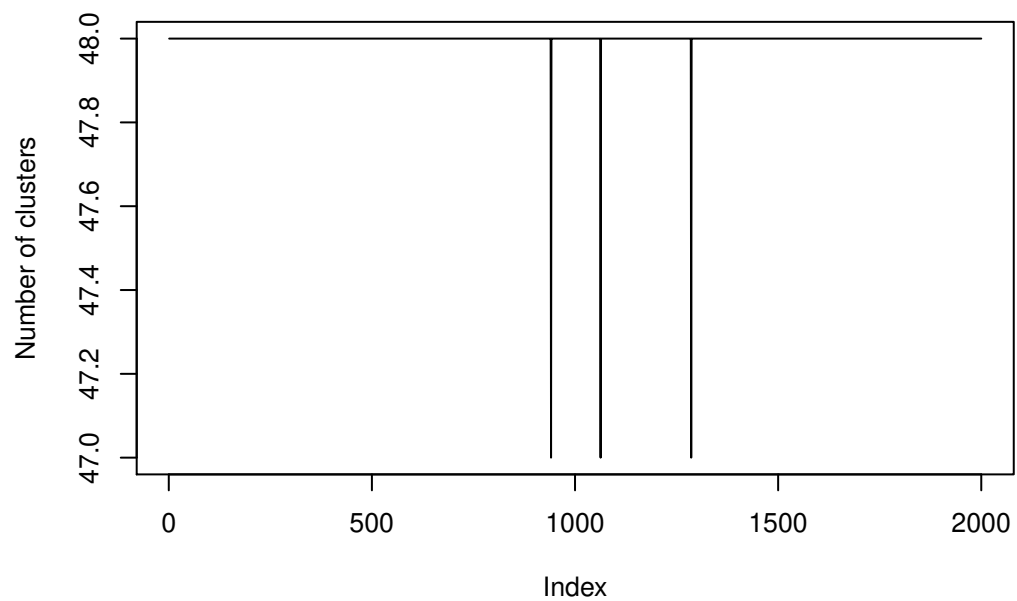
**Traceplot of alpha**



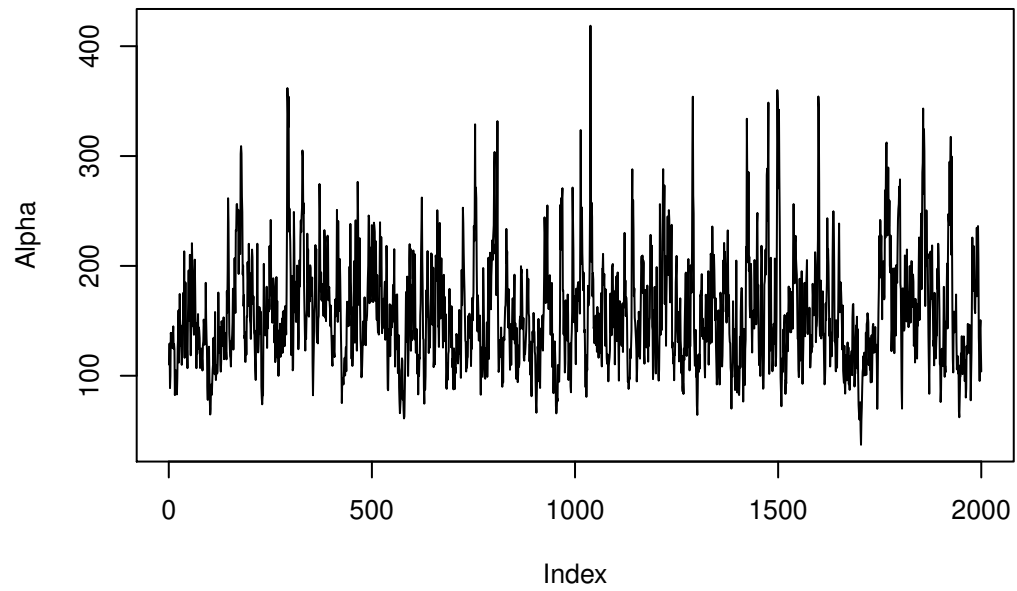
**Prior and posterior of alpha**



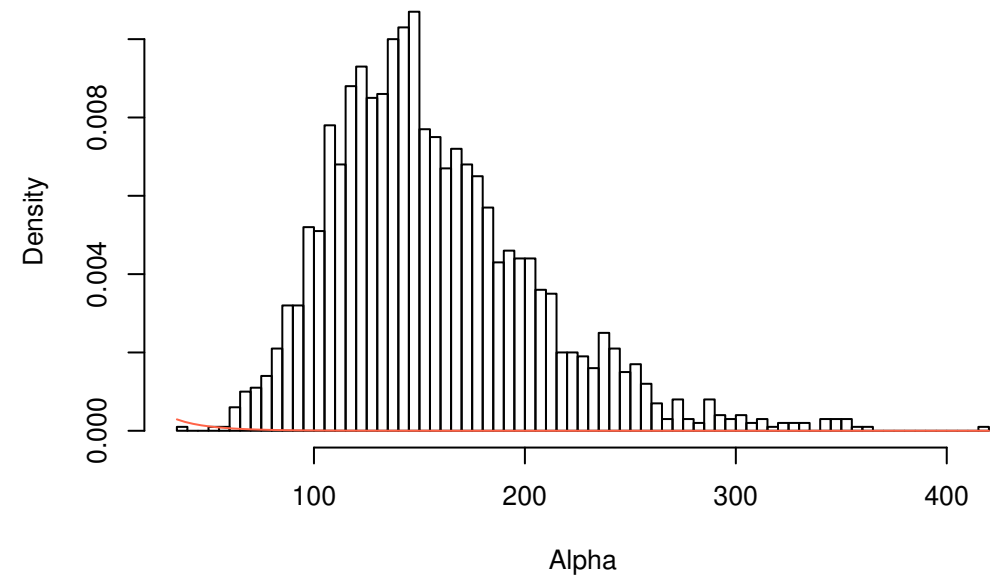
**Traceplot of the number of clusters**



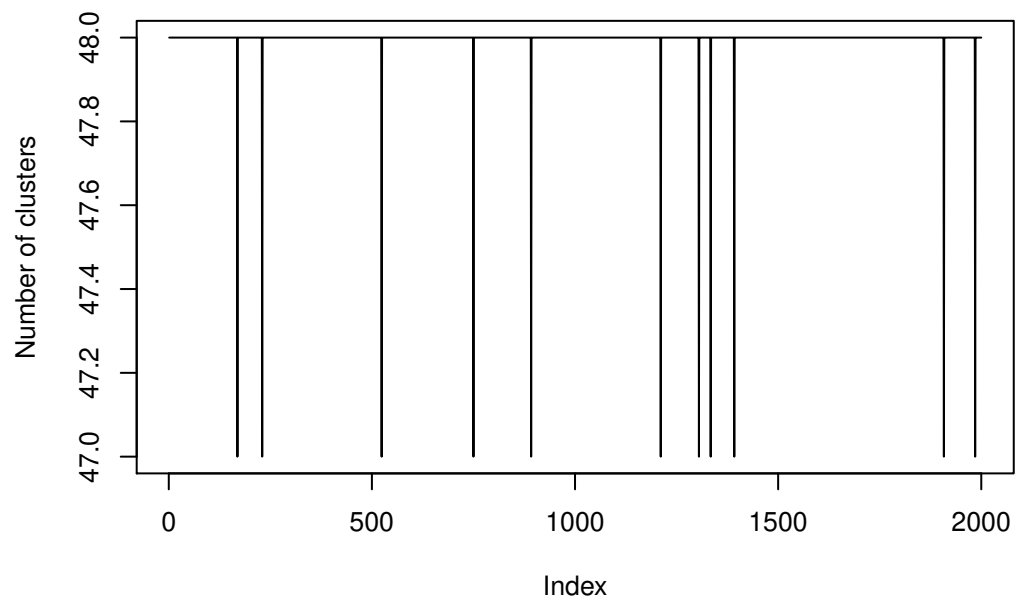
**Traceplot of alpha**



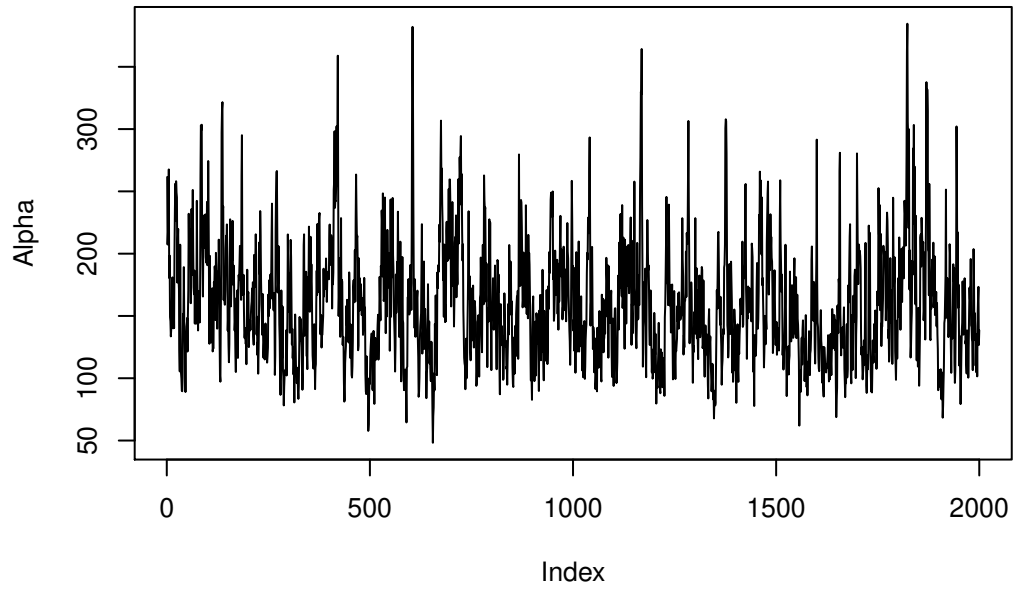
**Prior and posterior of alpha**



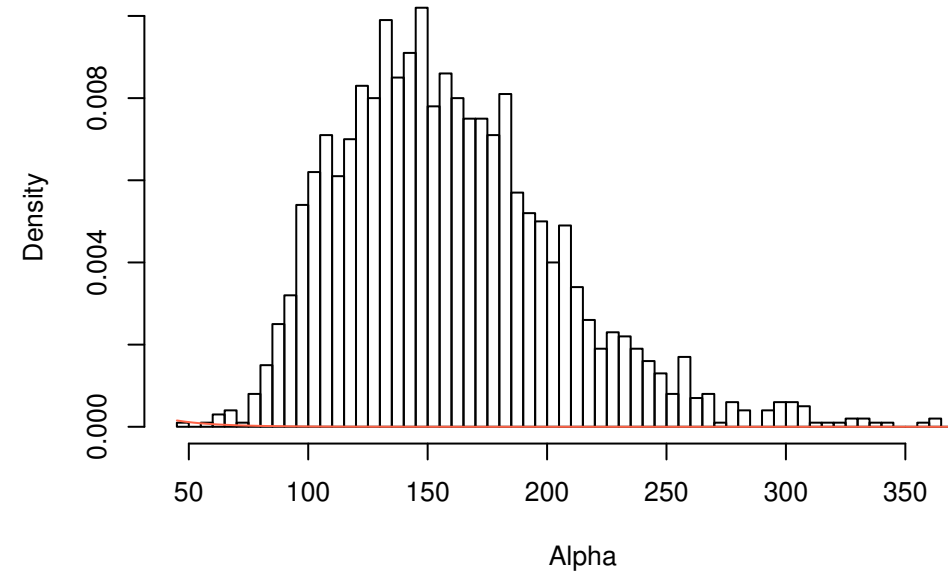
**Traceplot of the number of clusters**



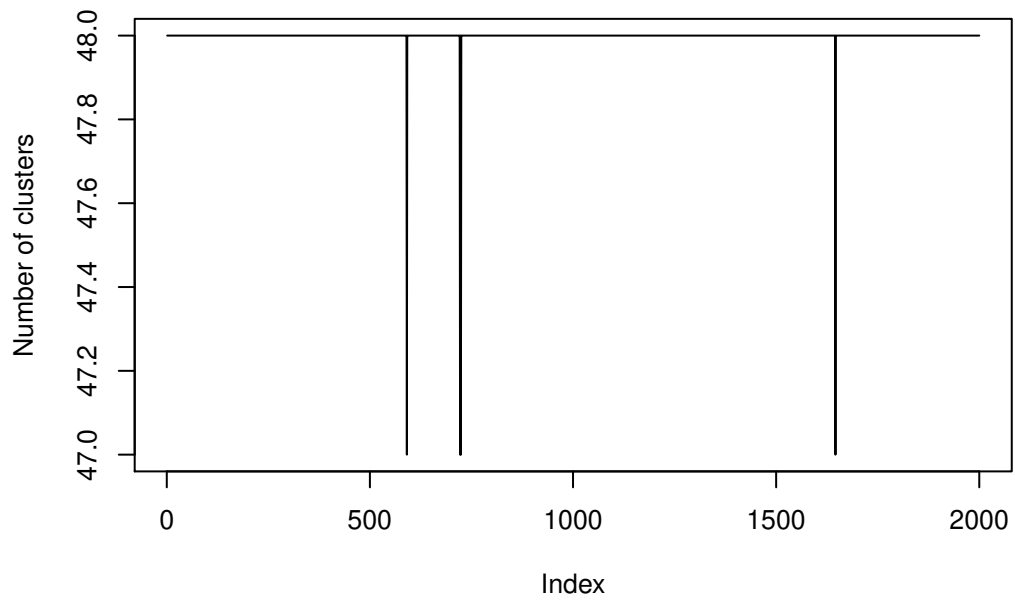
**Traceplot of alpha**



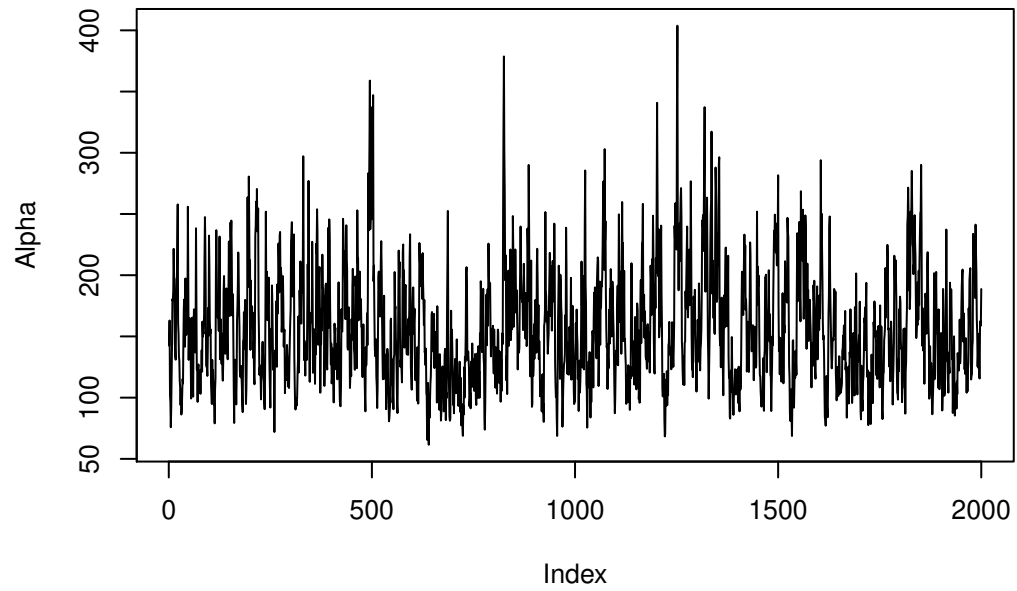
**Prior and posterior of alpha**



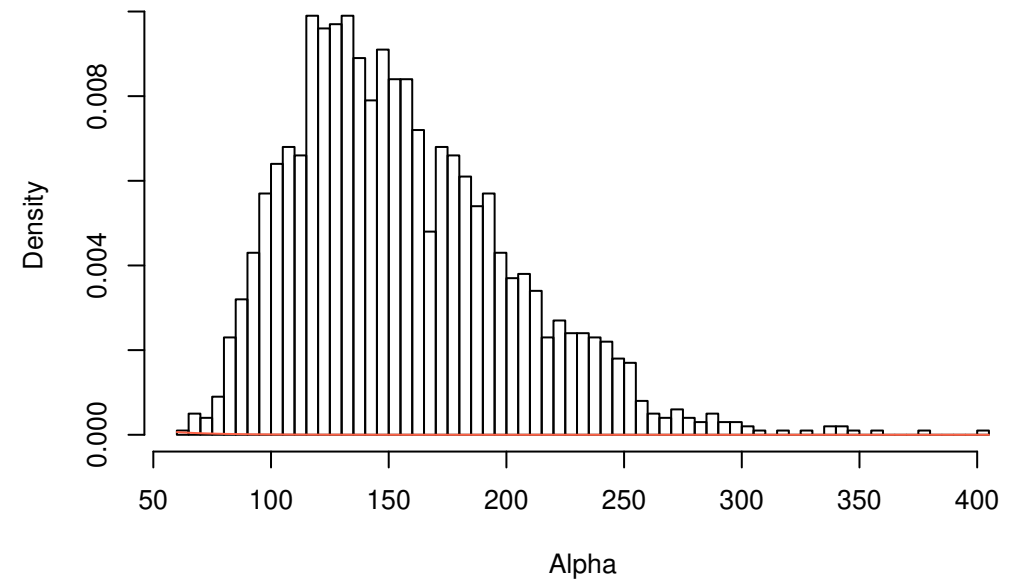
**Traceplot of the number of clusters**



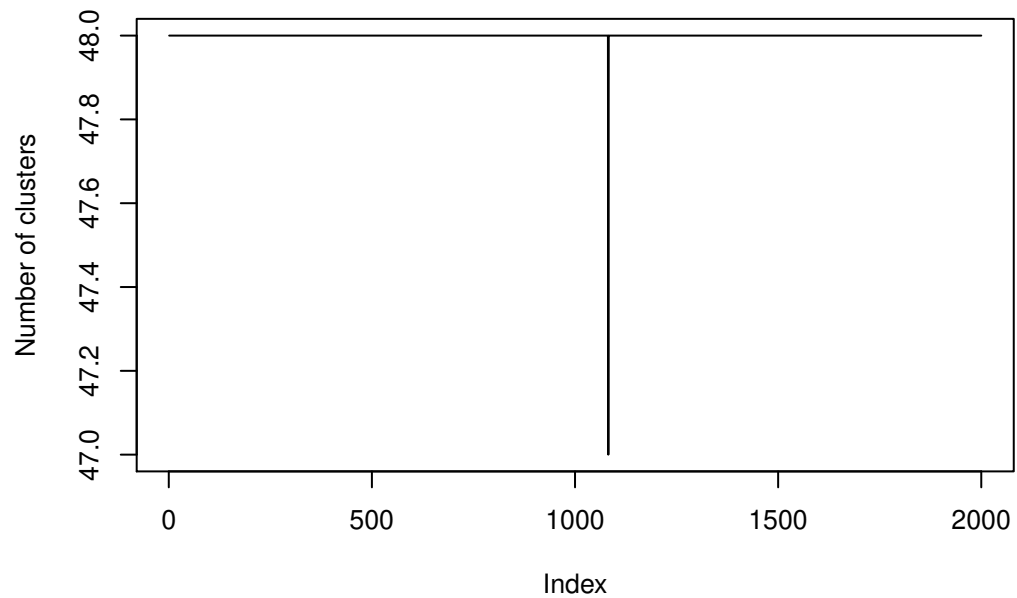
**Traceplot of alpha**



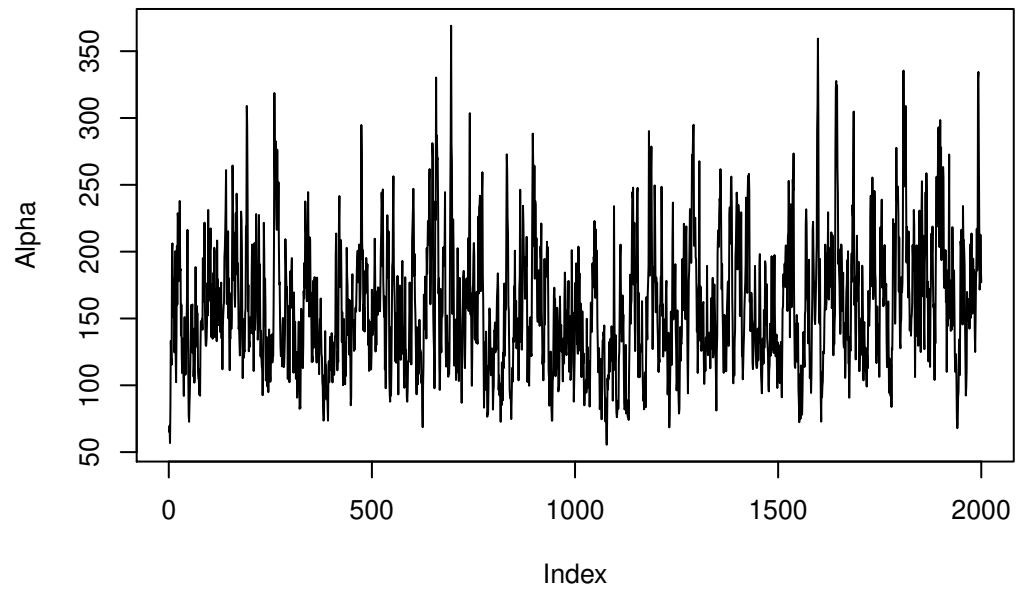
**Prior and posterior of alpha**



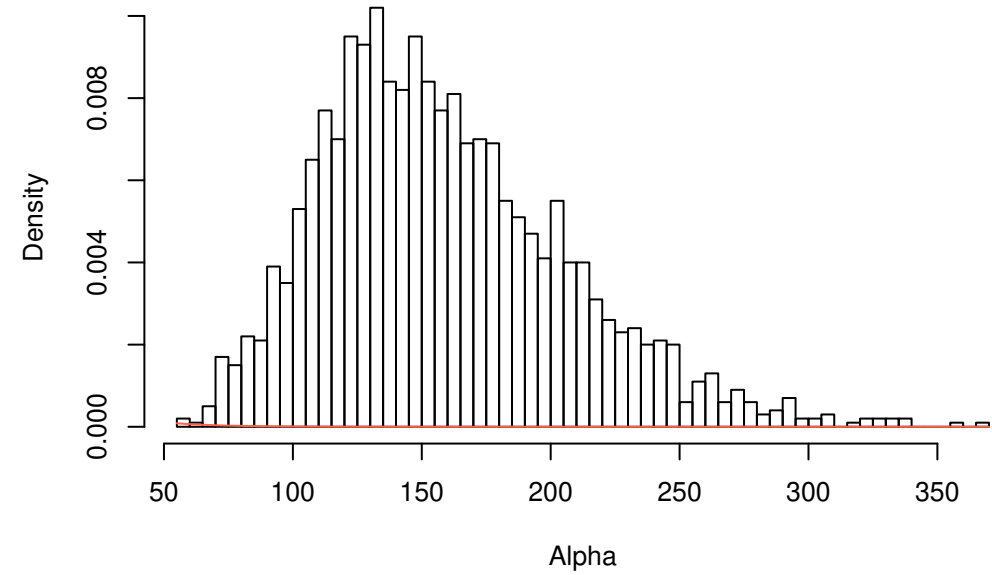
**Traceplot of the number of clusters**



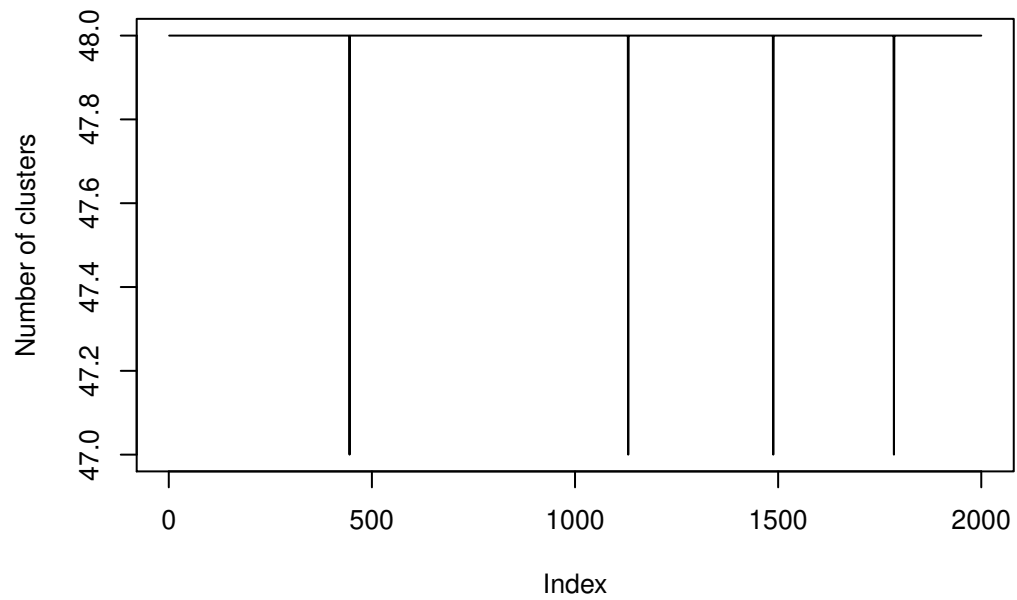
**Traceplot of alpha**



**Prior and posterior of alpha**

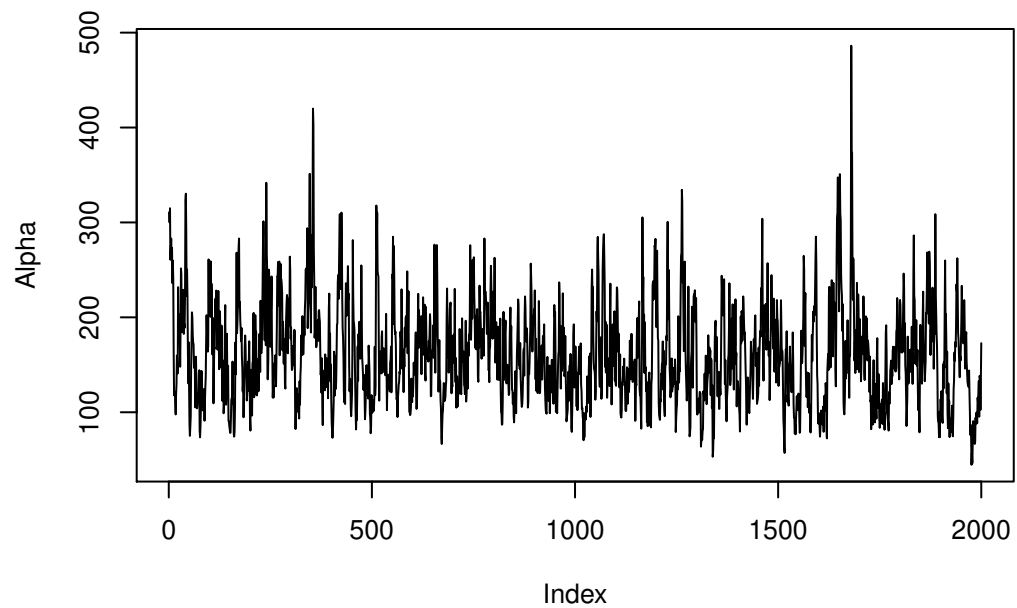


**Traceplot of the number of clusters**

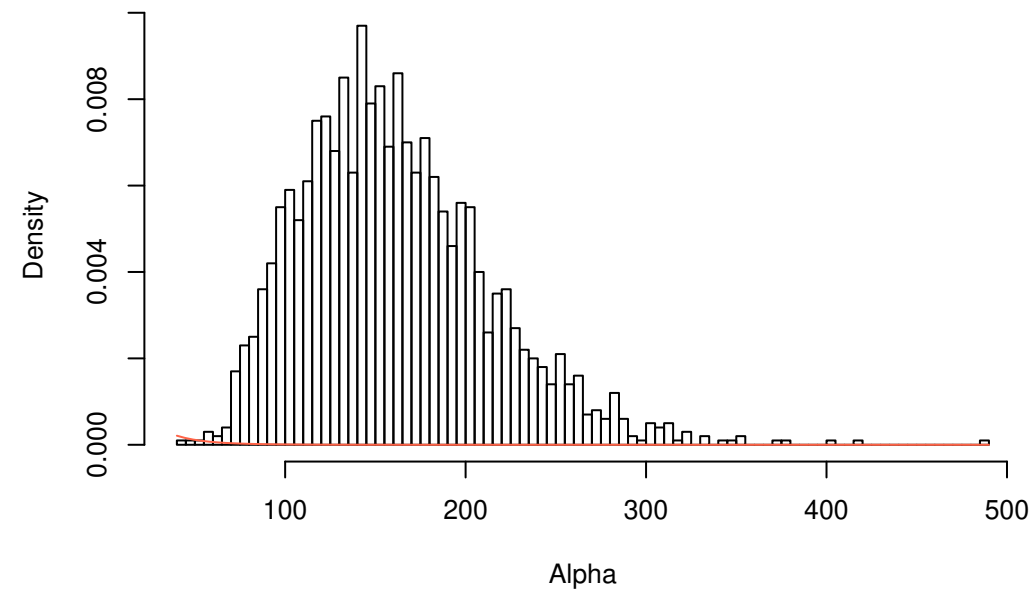




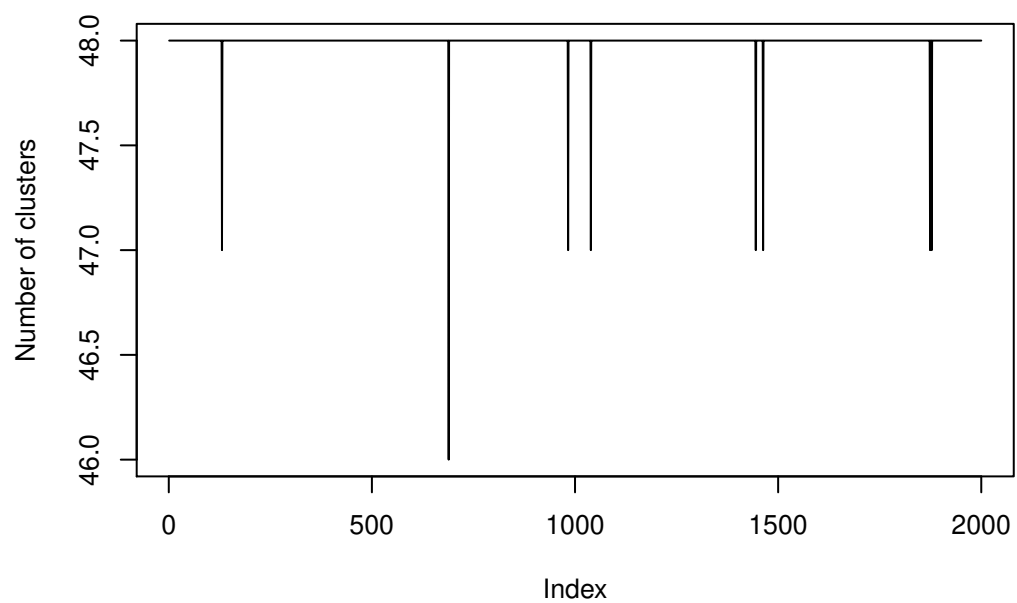
**Traceplot of alpha**



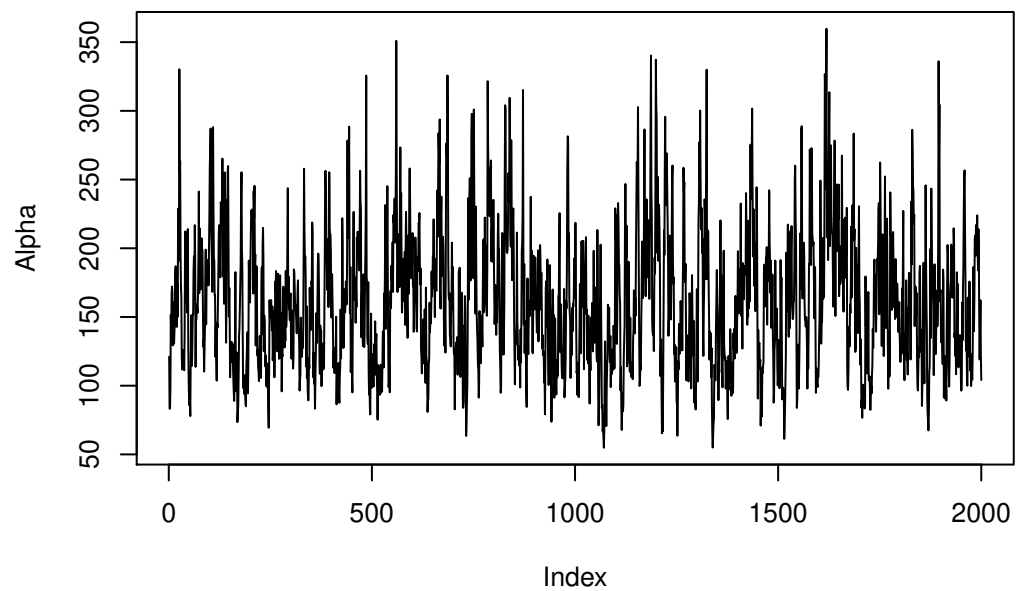
**Prior and posterior of alpha**



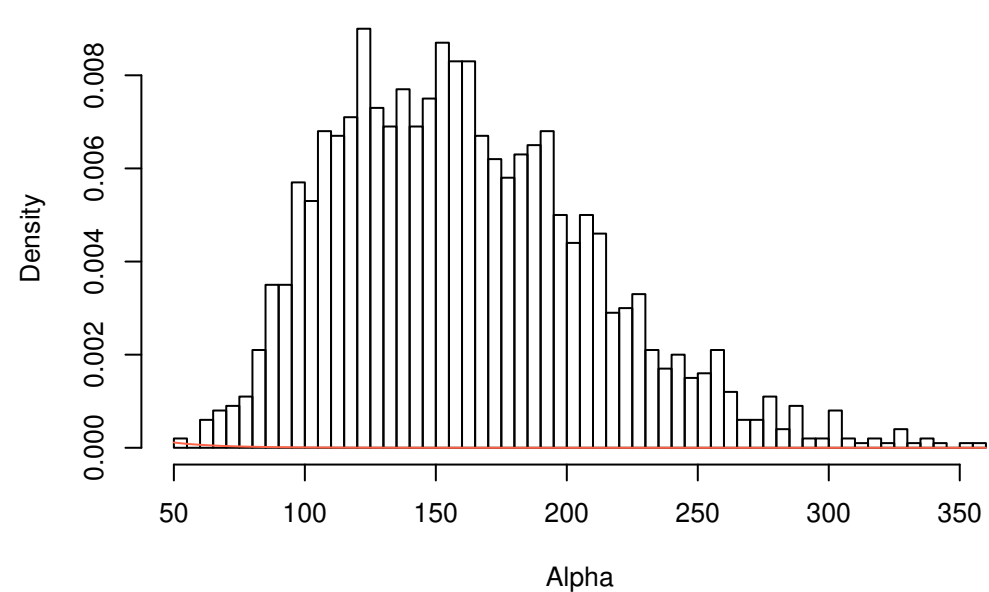
**Traceplot of the number of clusters**



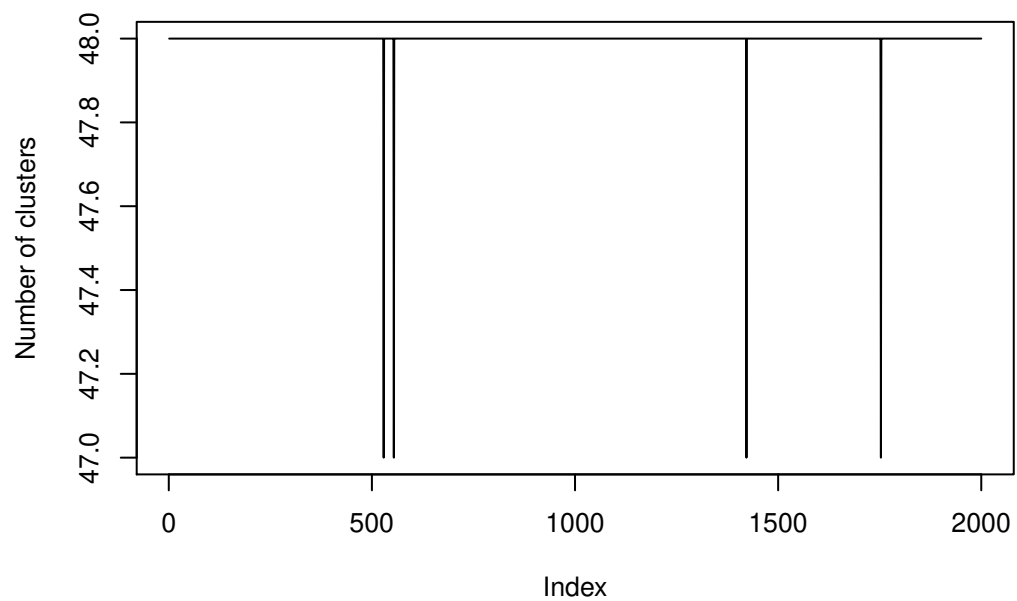
**Traceplot of alpha**



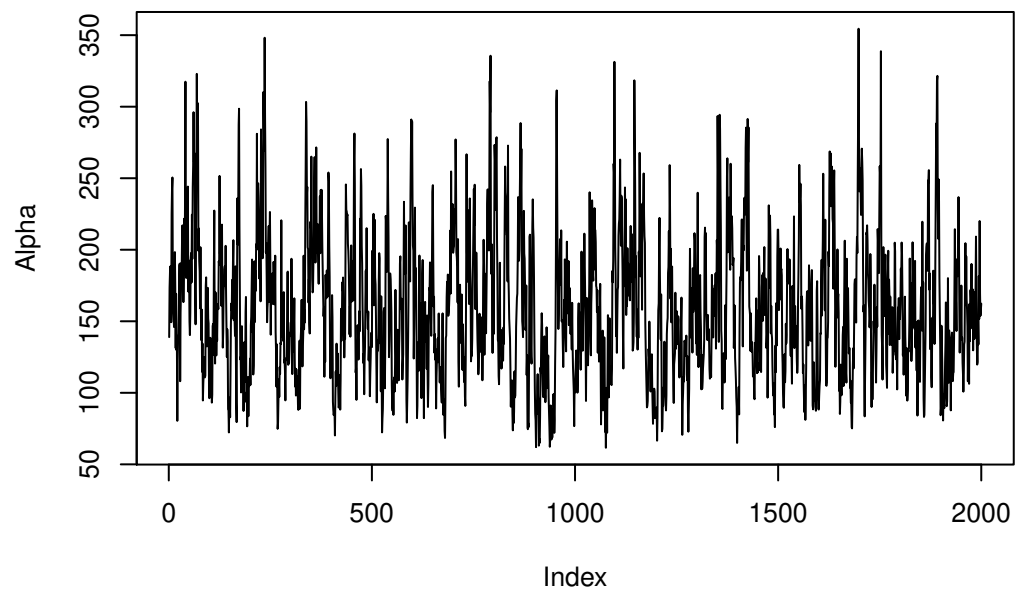
**Prior and posterior of alpha**



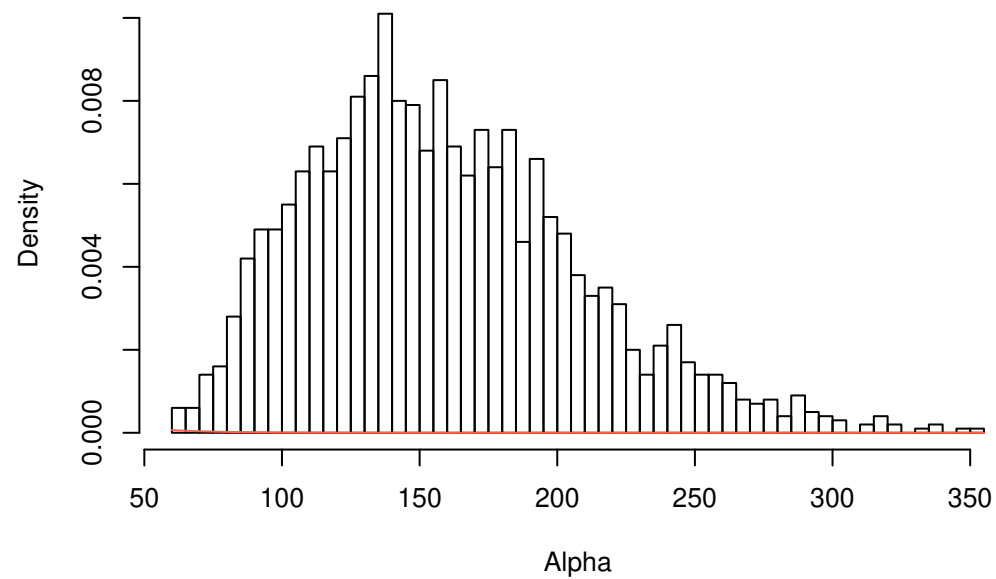
**Traceplot of the number of clusters**



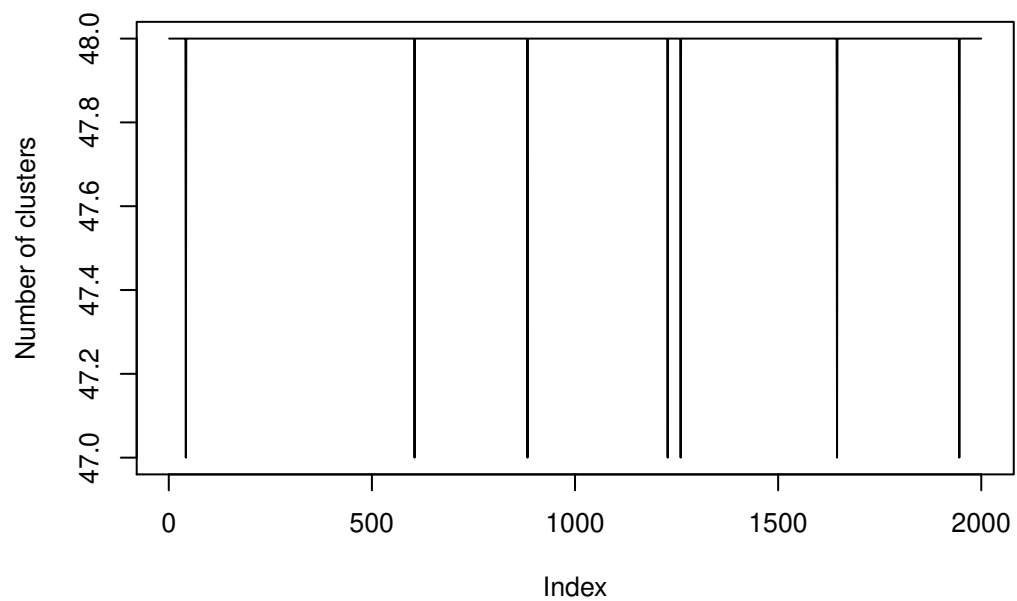
**Traceplot of alpha**



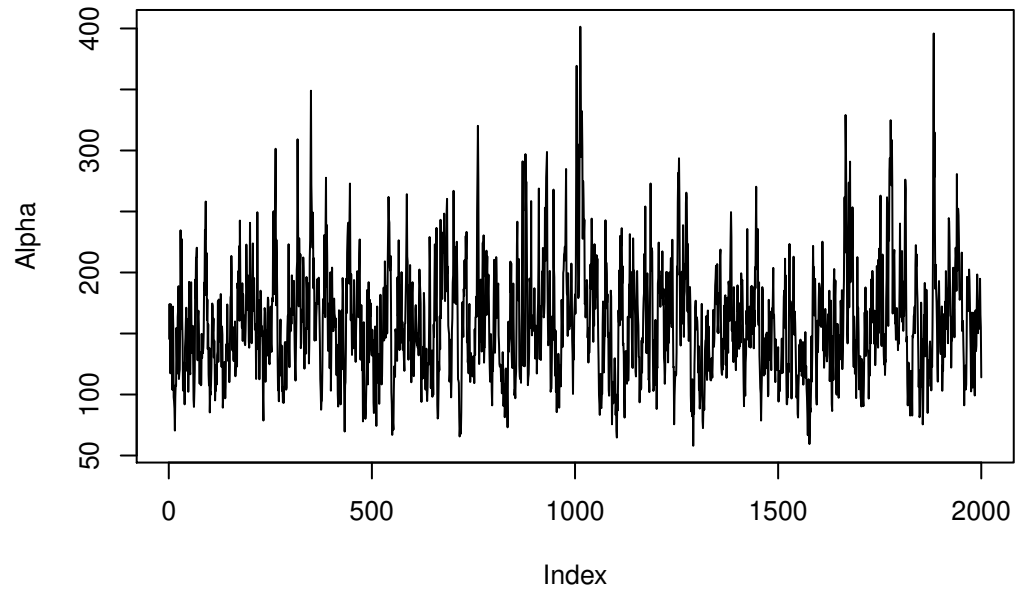
**Prior and posterior of alpha**



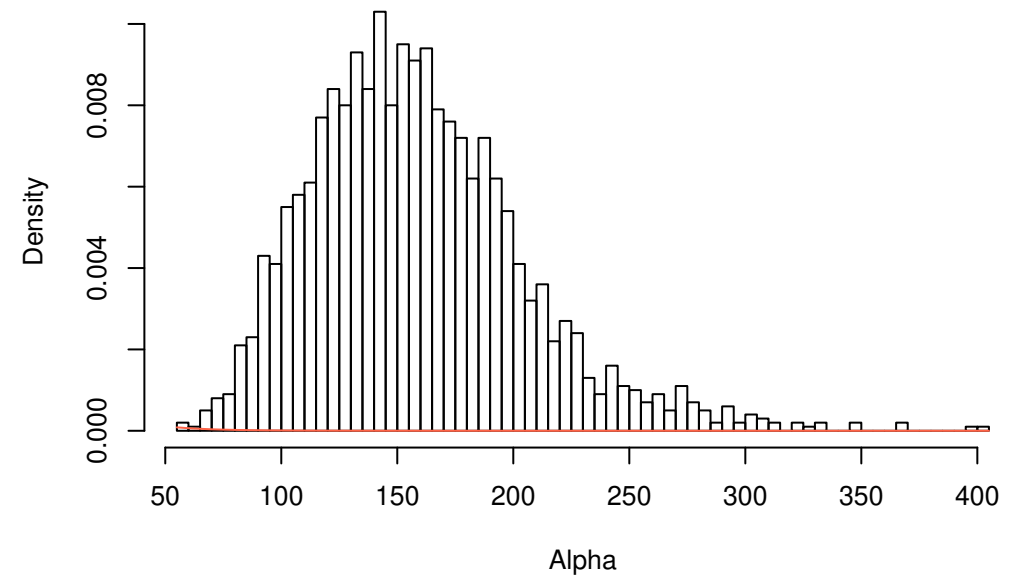
**Traceplot of the number of clusters**



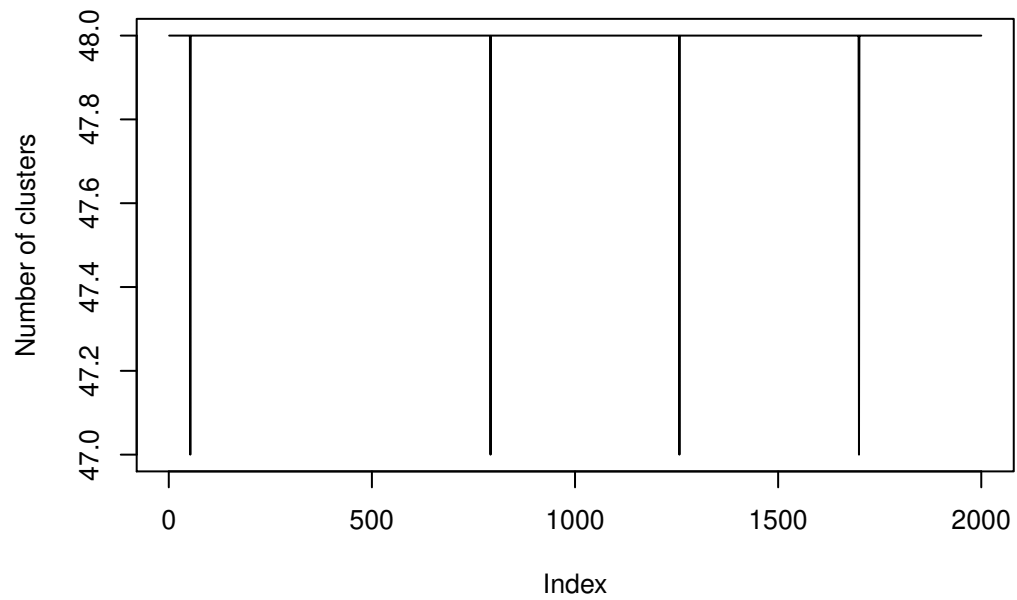
**Traceplot of alpha**



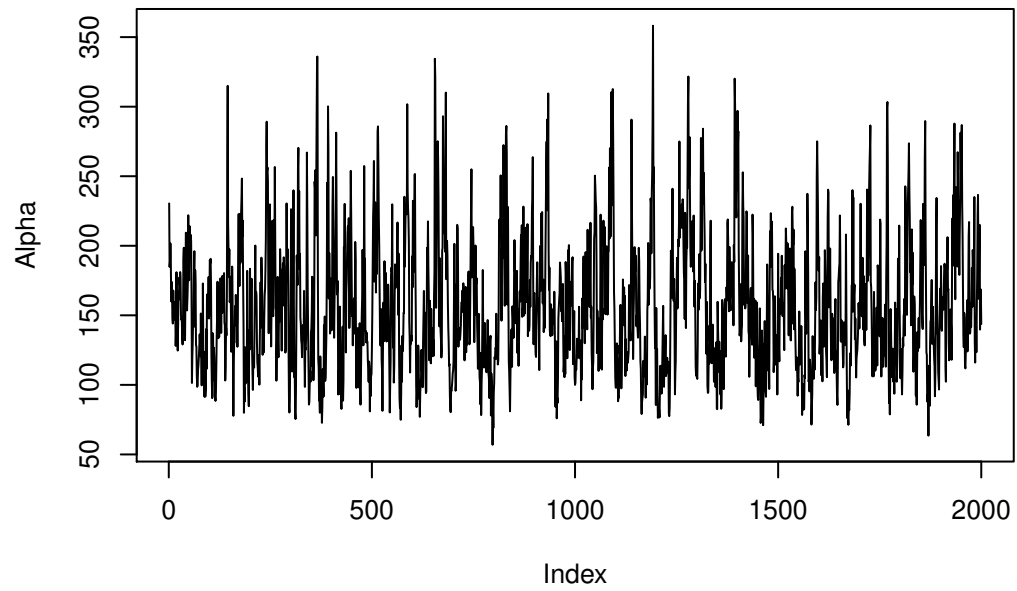
**Prior and posterior of alpha**



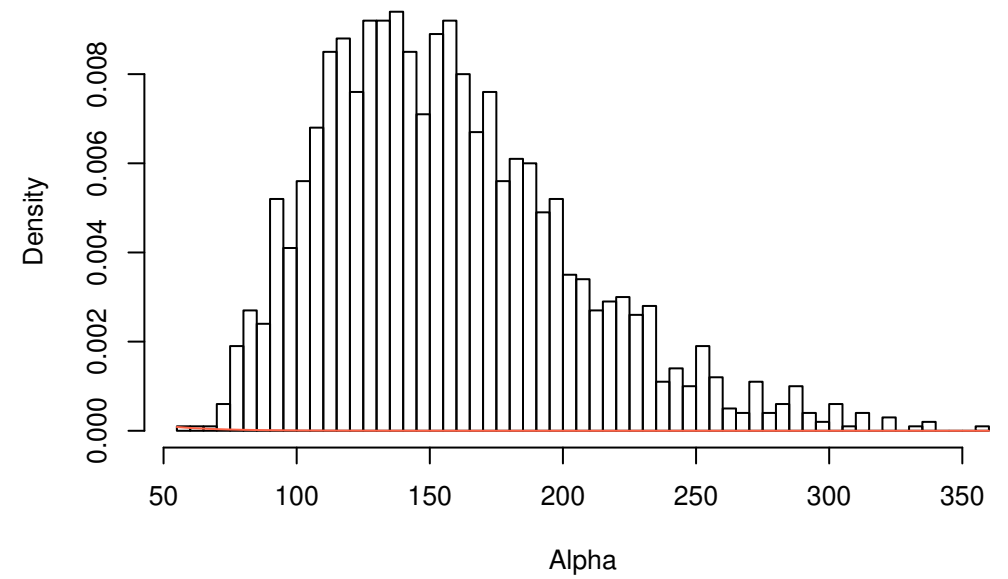
**Traceplot of the number of clusters**



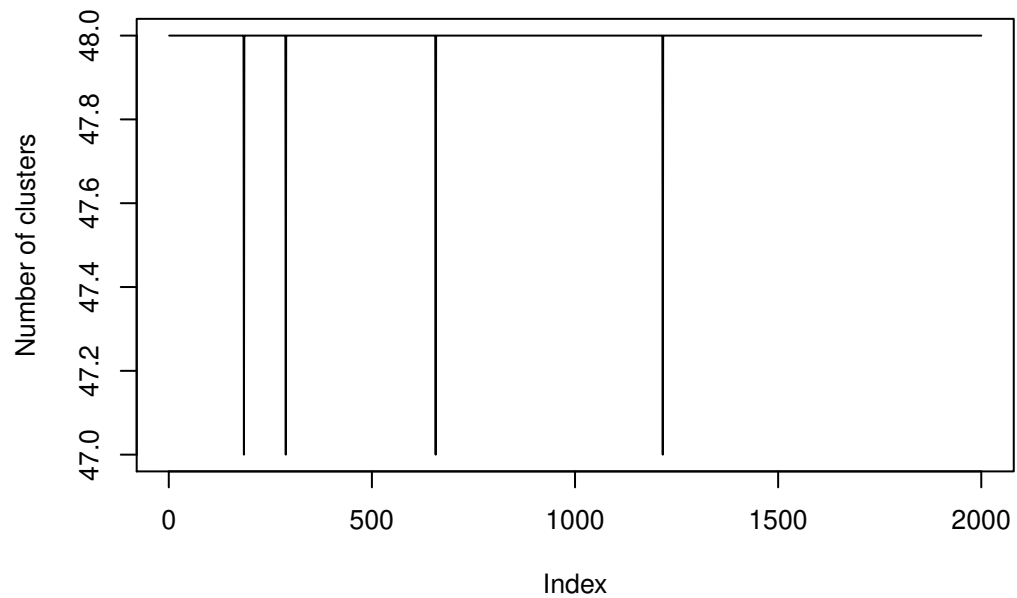
**Traceplot of alpha**



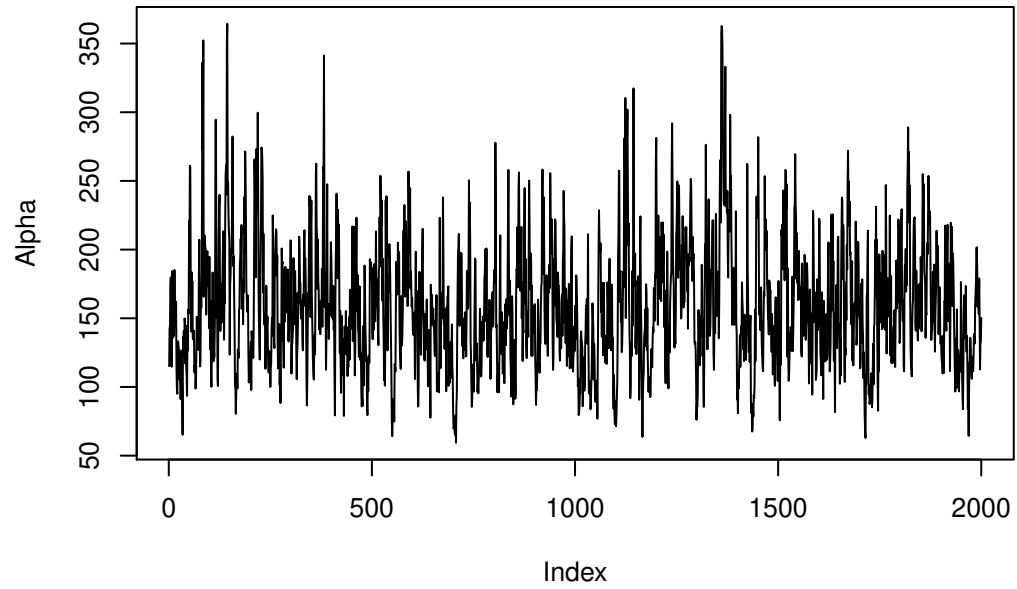
**Prior and posterior of alpha**



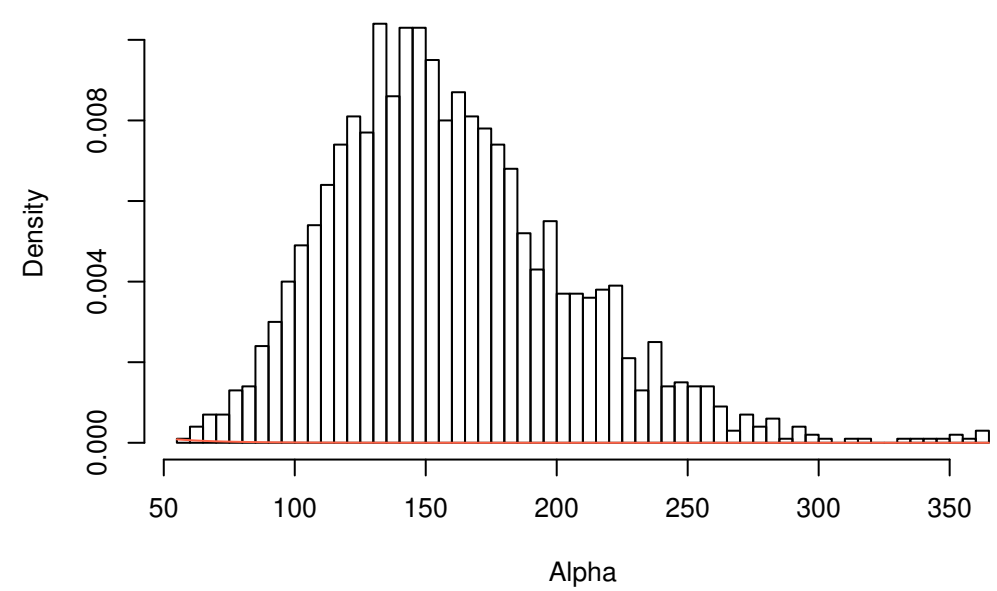
**Traceplot of the number of clusters**



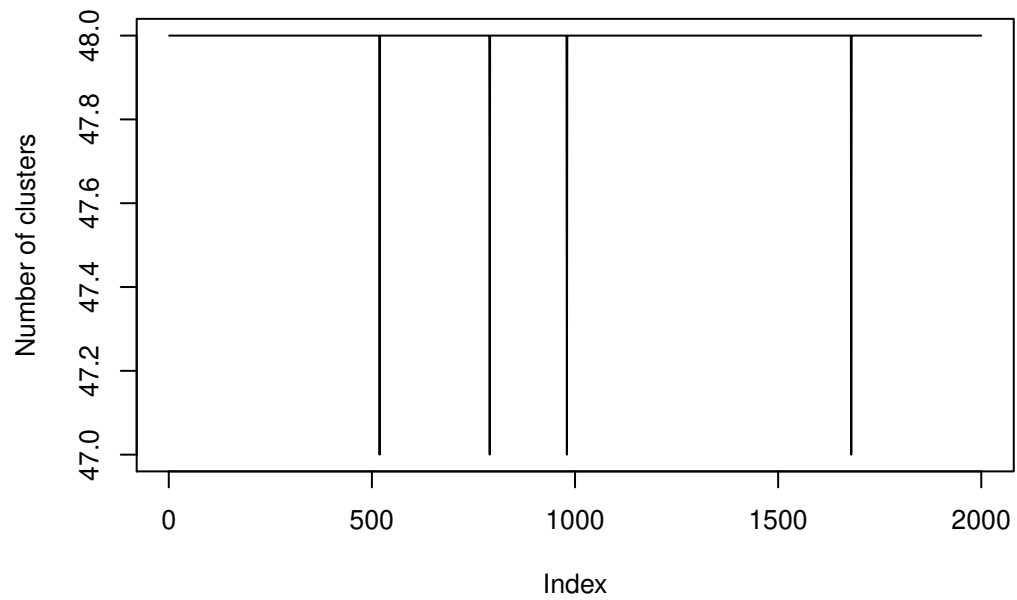
**Traceplot of alpha**



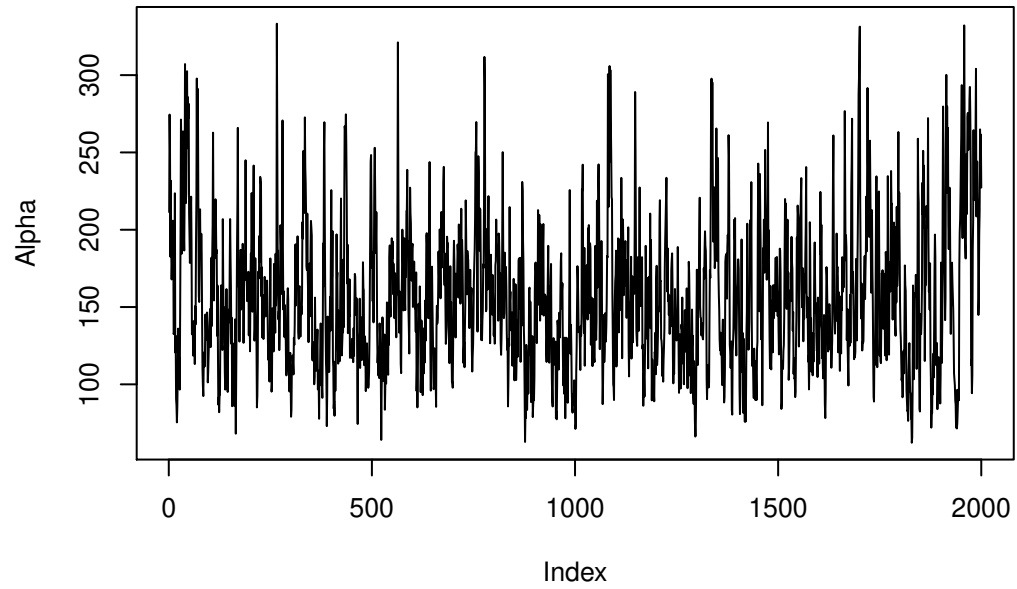
**Prior and posterior of alpha**



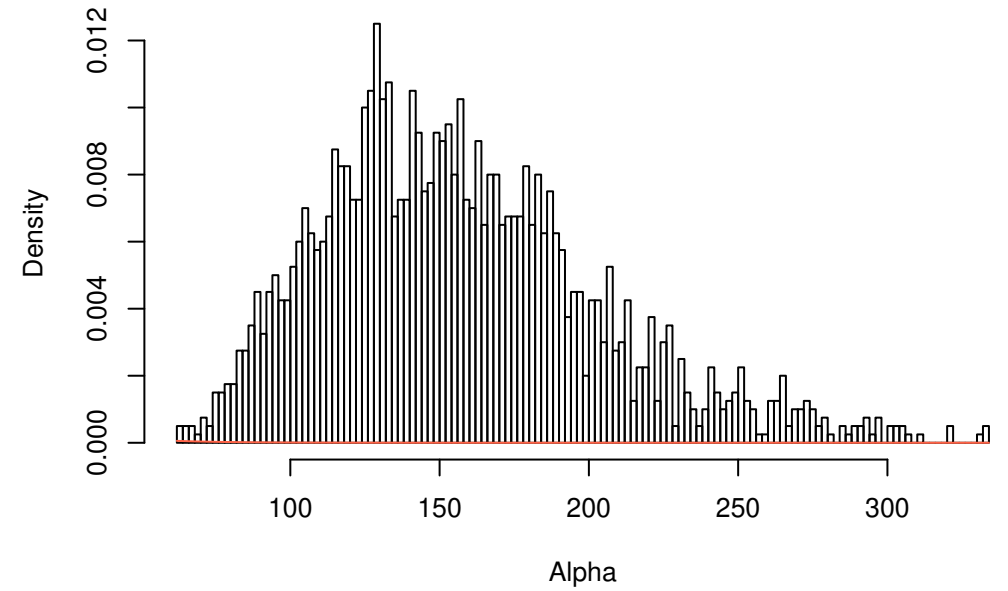
**Traceplot of the number of clusters**



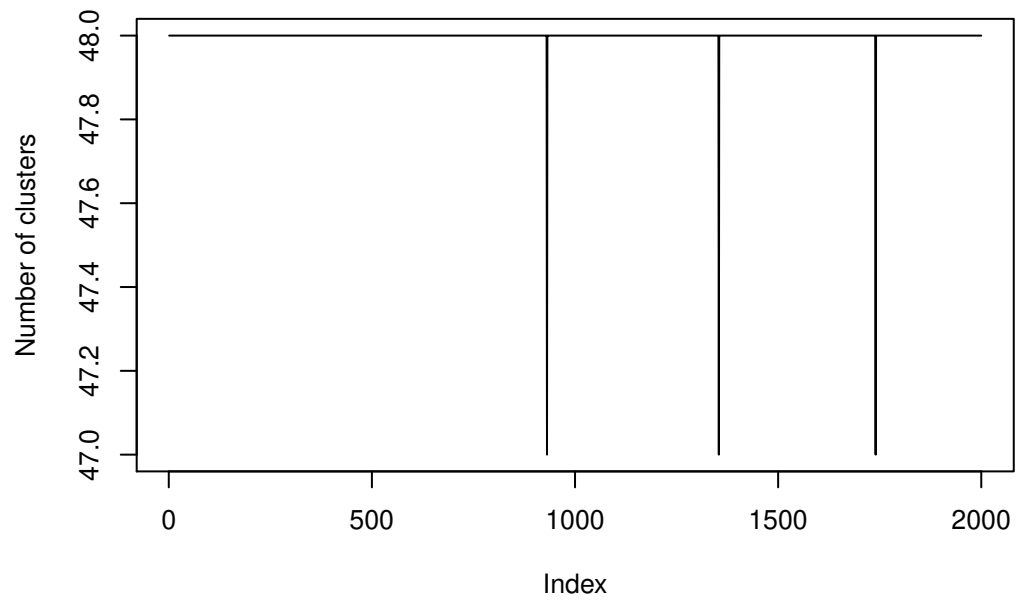
**Traceplot of alpha**



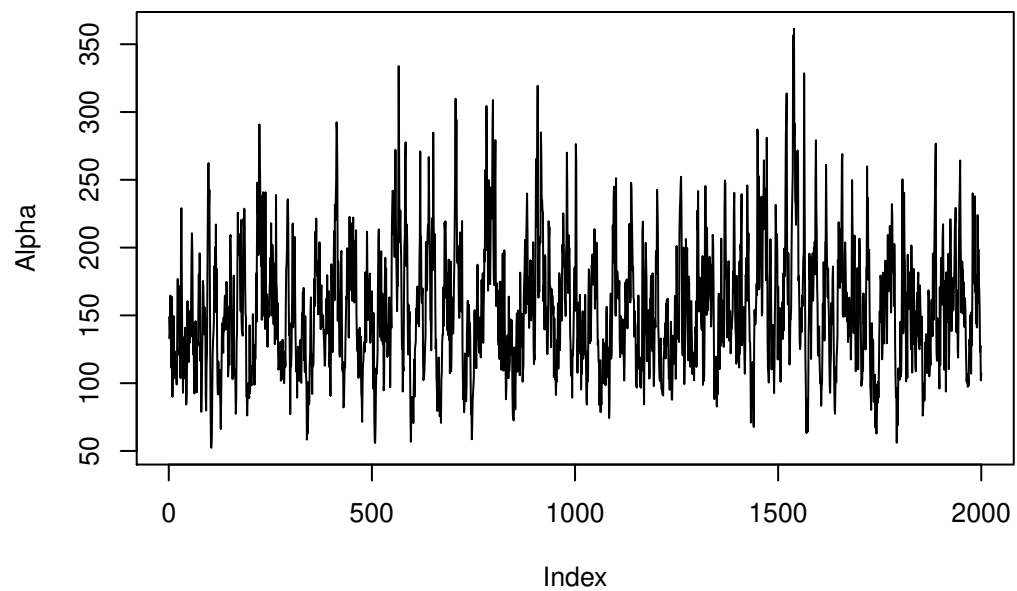
**Prior and posterior of alpha**



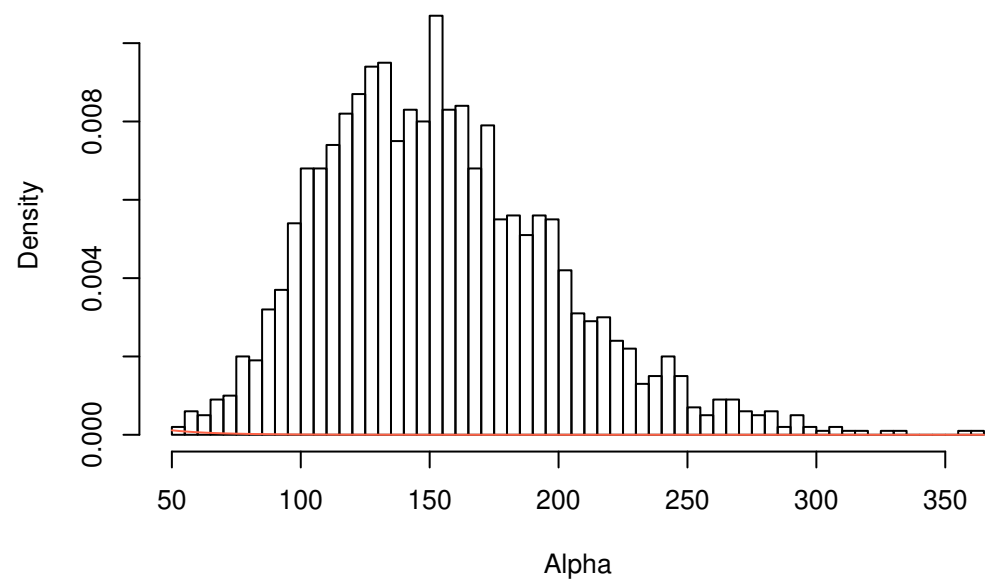
**Traceplot of the number of clusters**



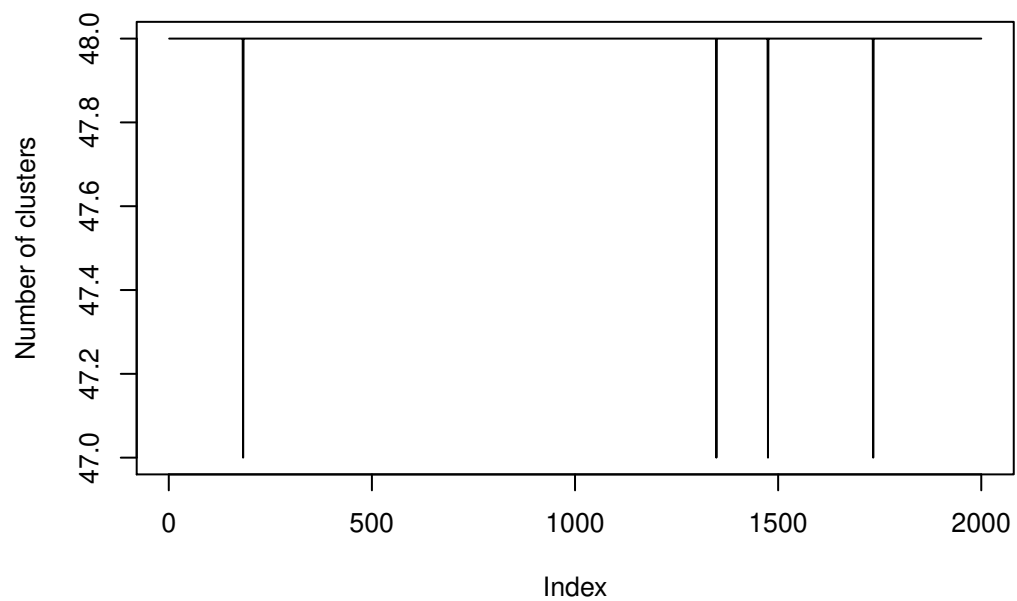
**Traceplot of alpha**



**Prior and posterior of alpha**

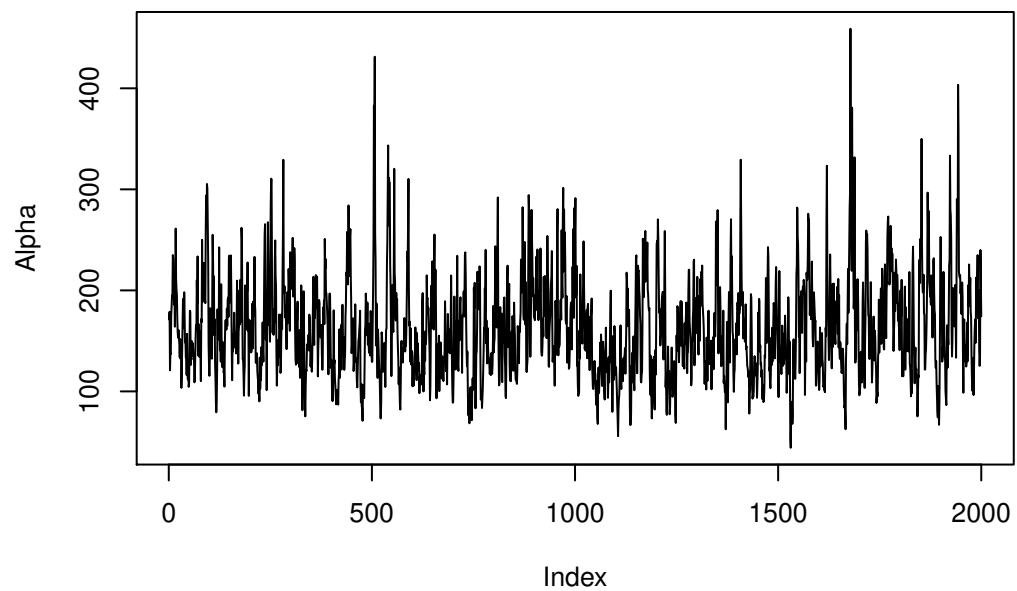


**Traceplot of the number of clusters**

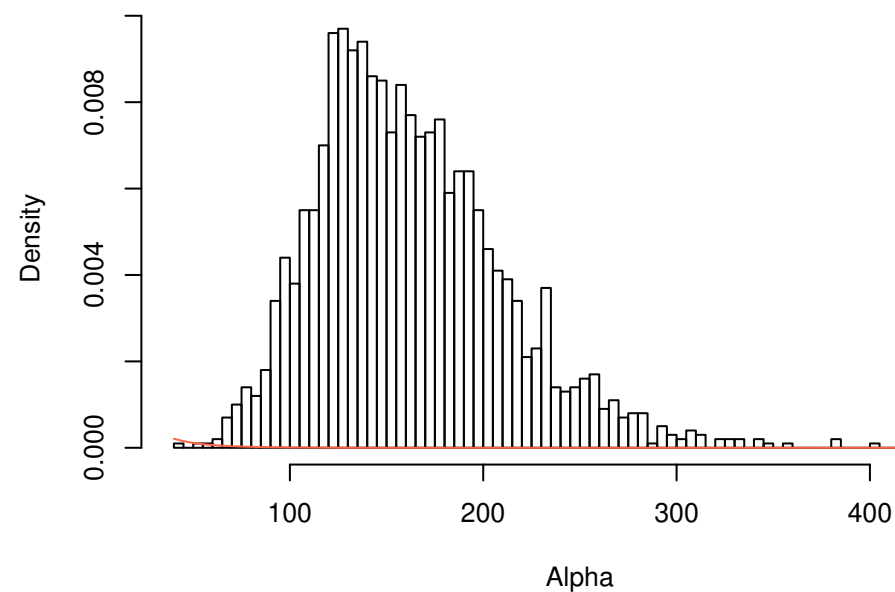




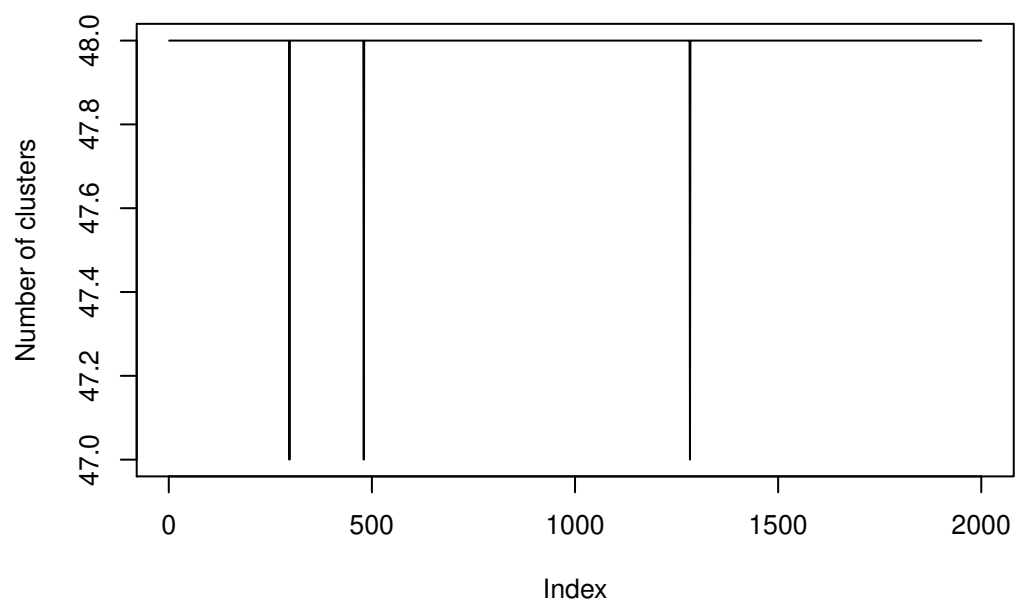
**Traceplot of alpha**



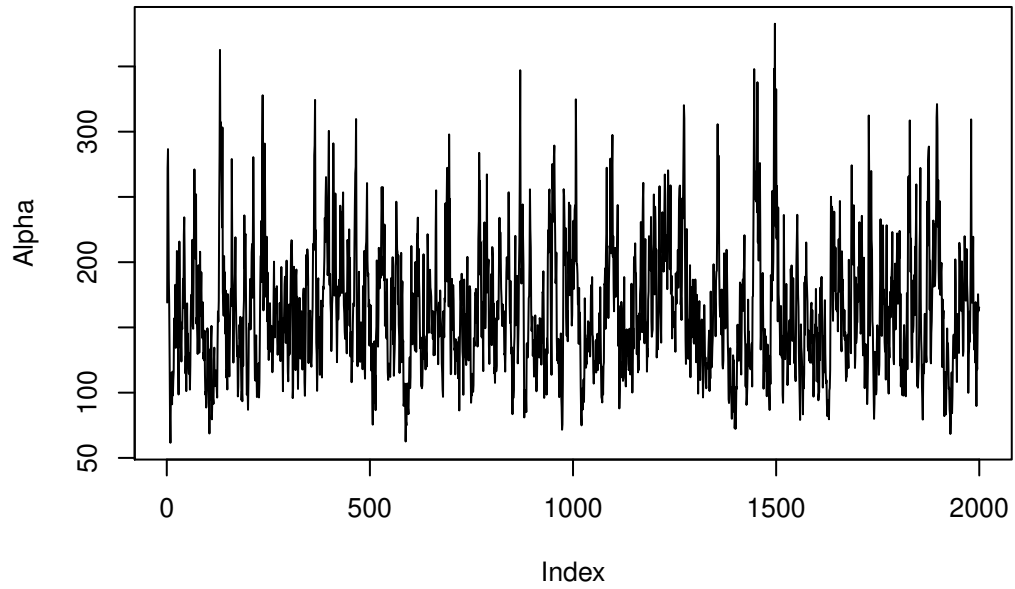
**Prior and posterior of alpha**



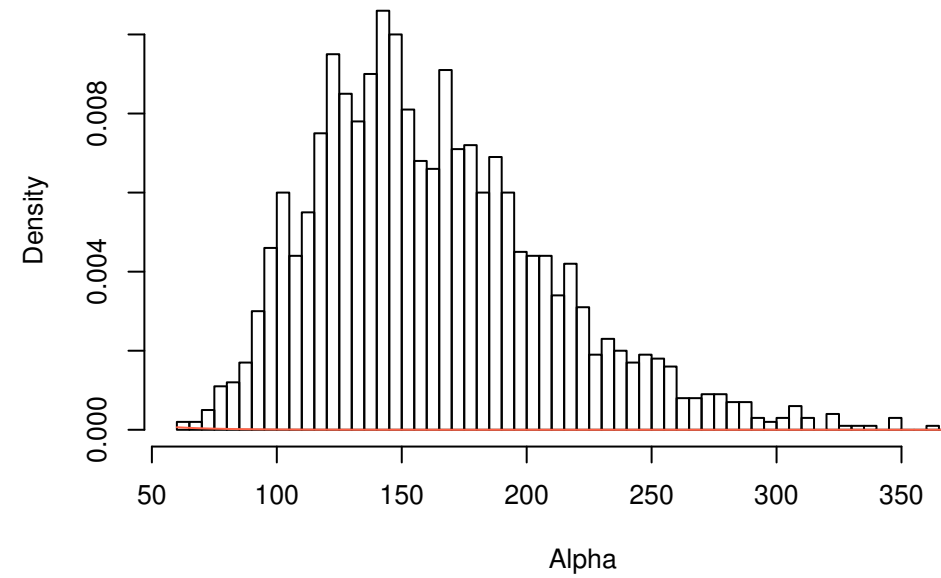
**Traceplot of the number of clusters**



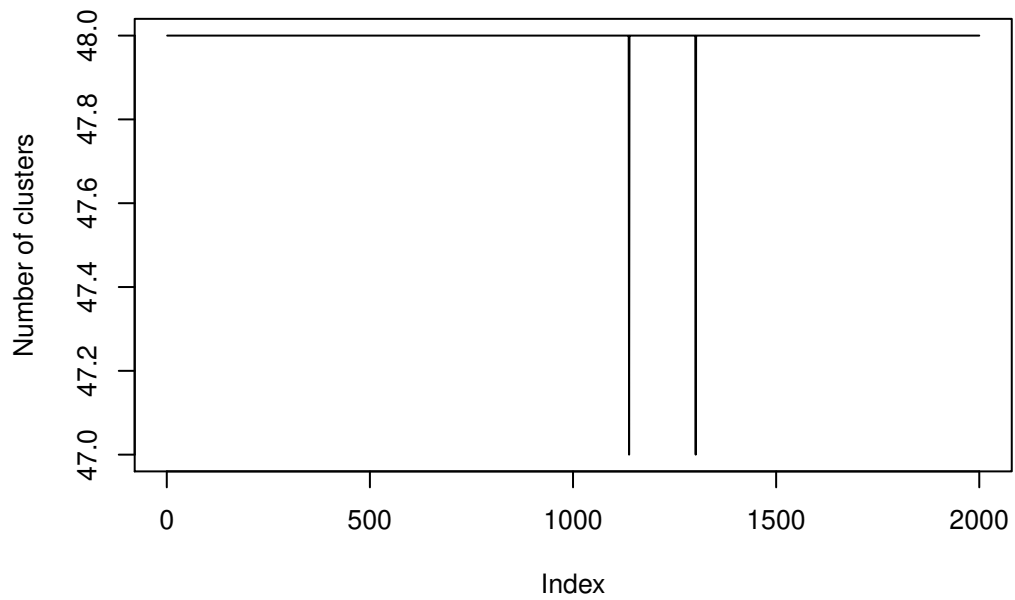
**Traceplot of alpha**



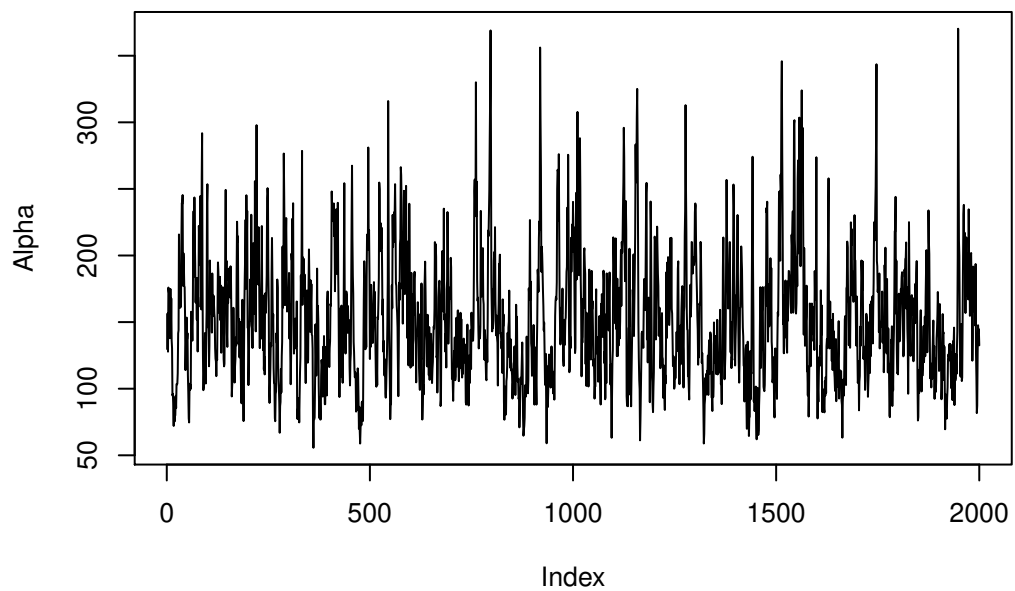
**Prior and posterior of alpha**



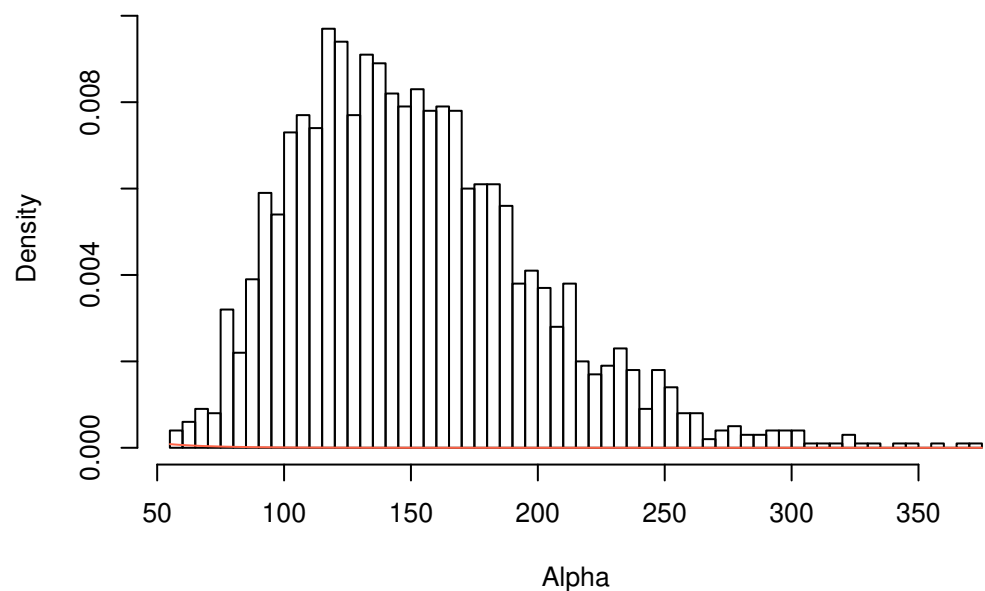
**Traceplot of the number of clusters**



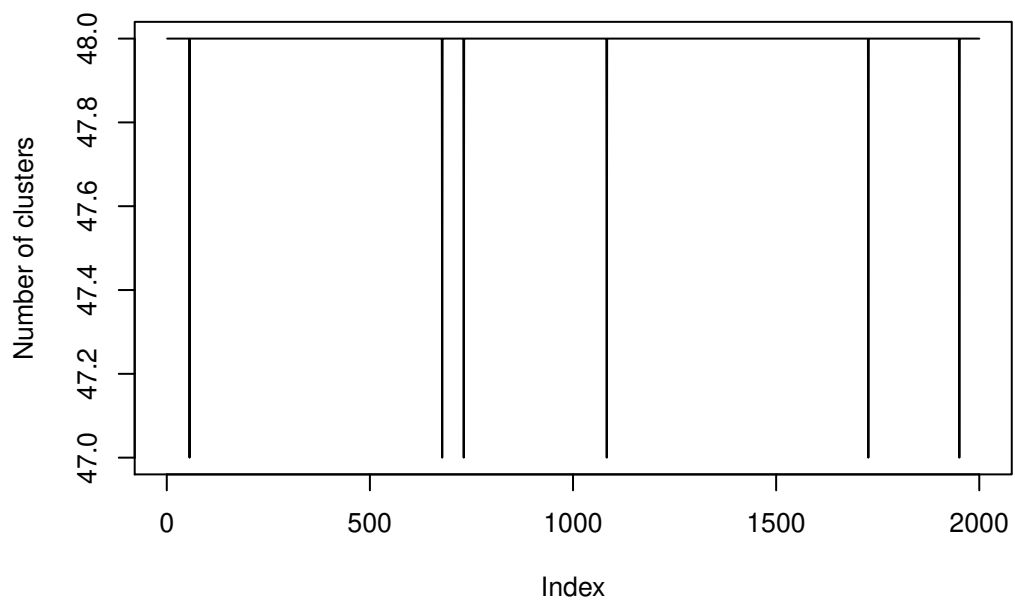
**Traceplot of alpha**



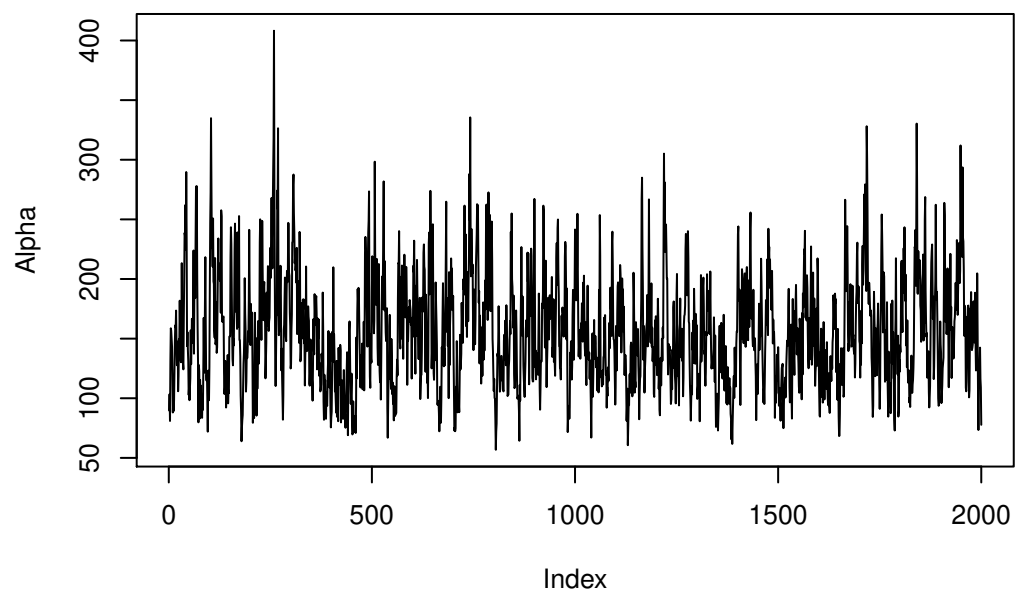
**Prior and posterior of alpha**



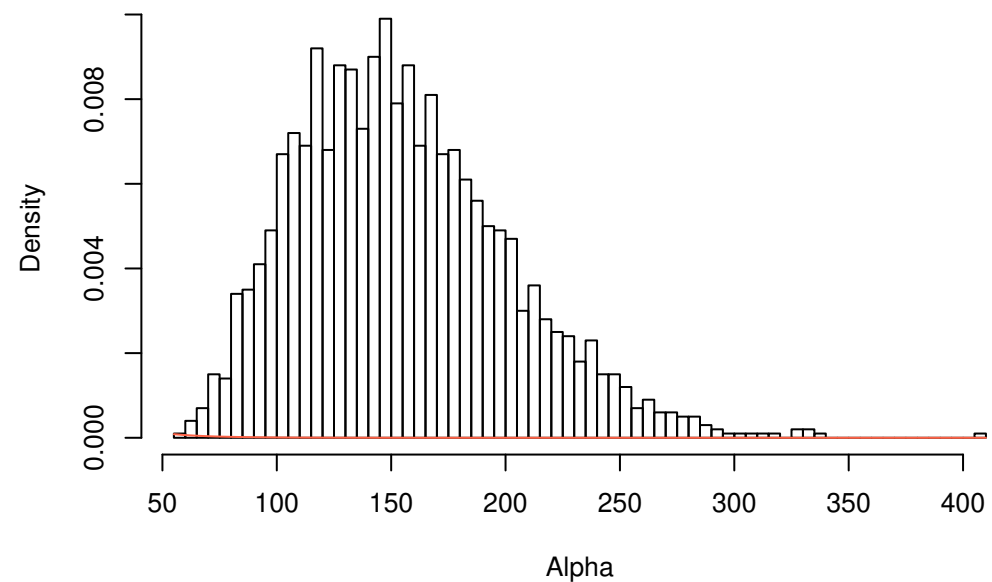
**Traceplot of the number of clusters**



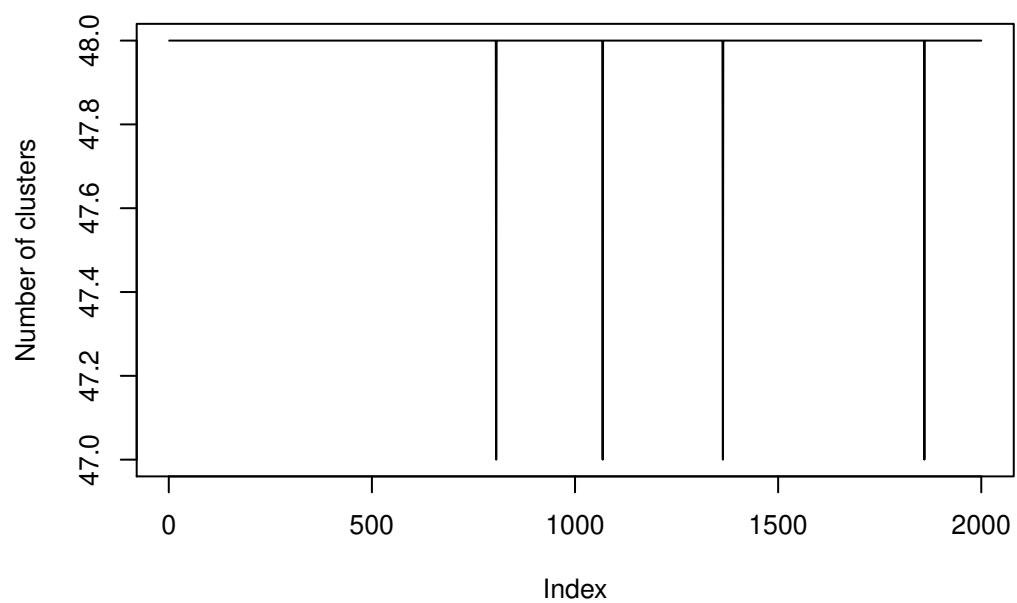
**Traceplot of alpha**



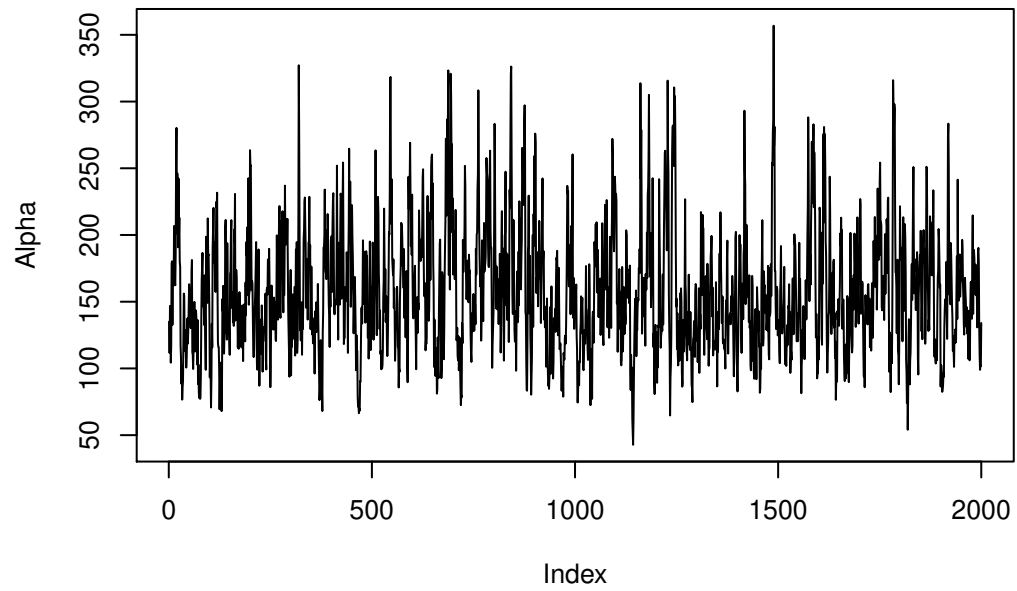
**Prior and posterior of alpha**



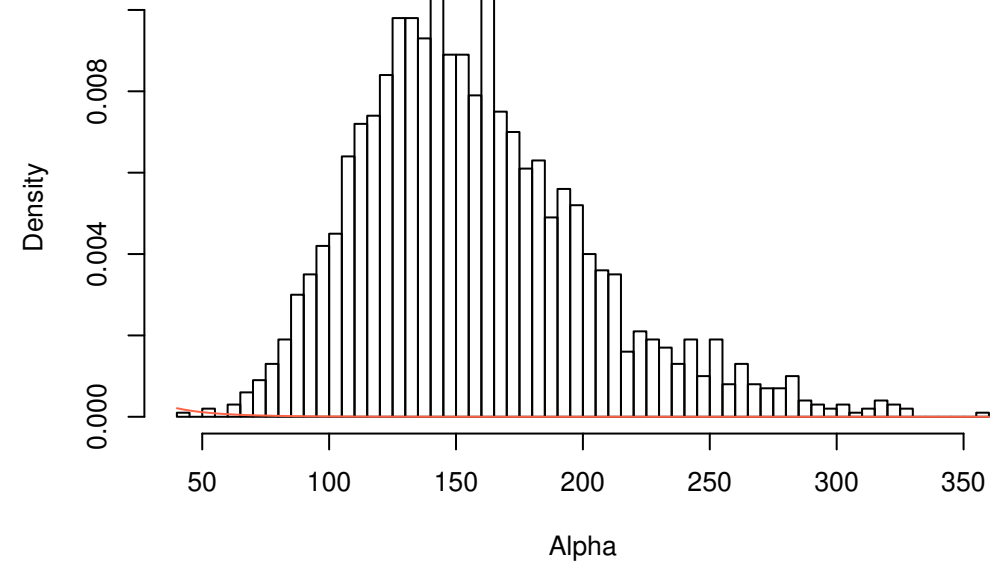
**Traceplot of the number of clusters**



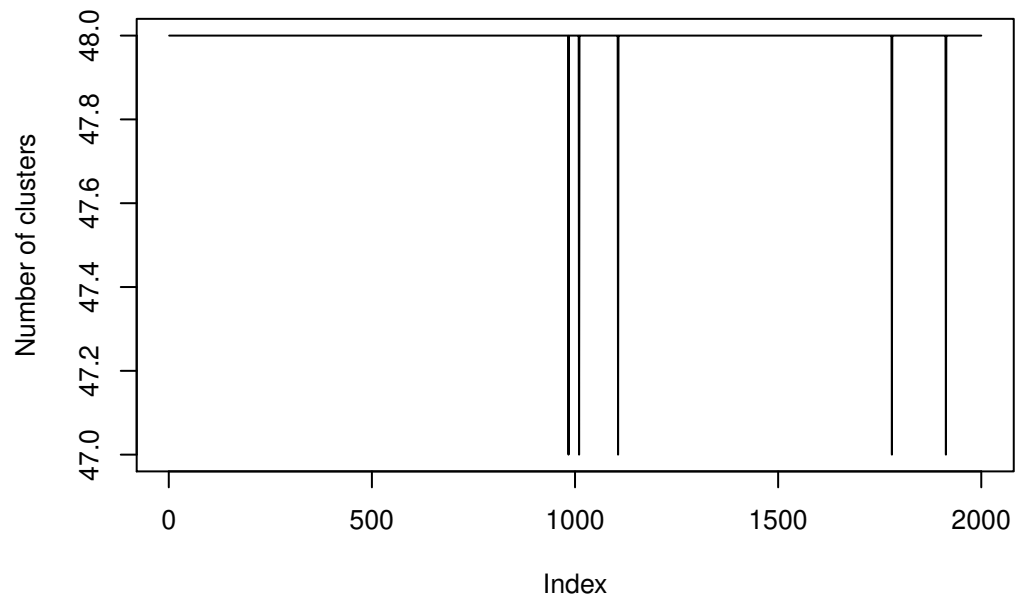
**Traceplot of alpha**



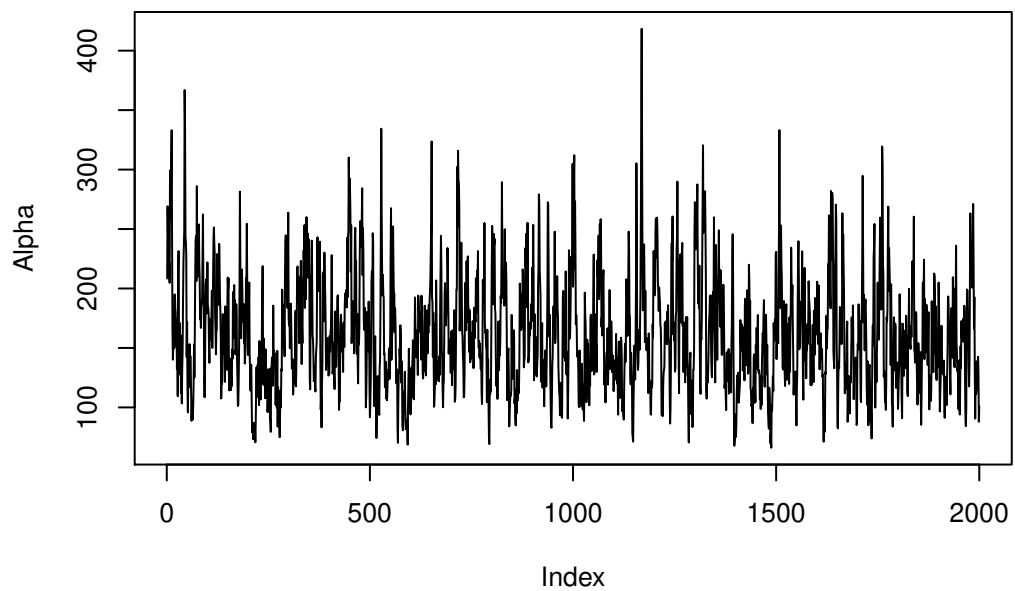
**Prior and posterior of alpha**



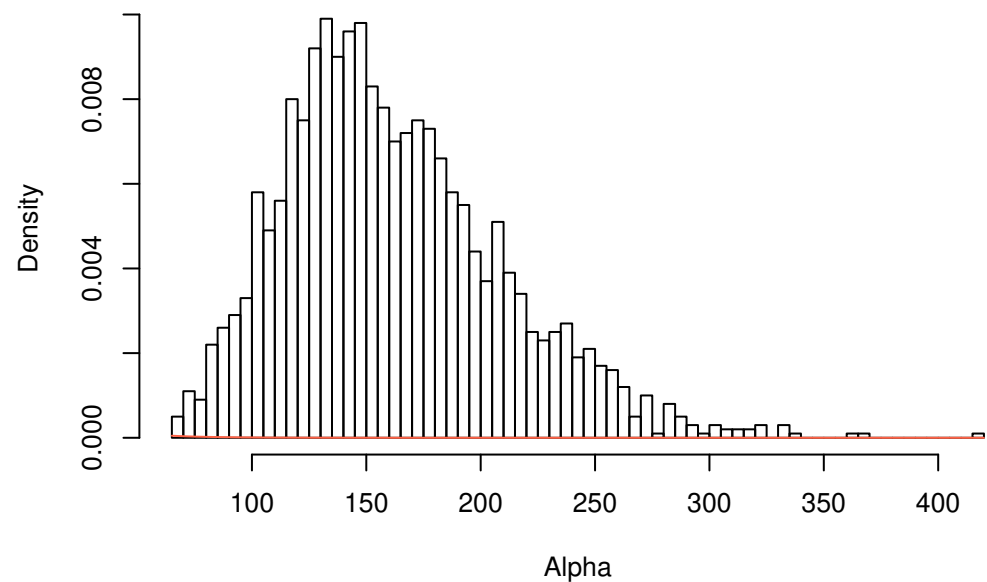
**Traceplot of the number of clusters**



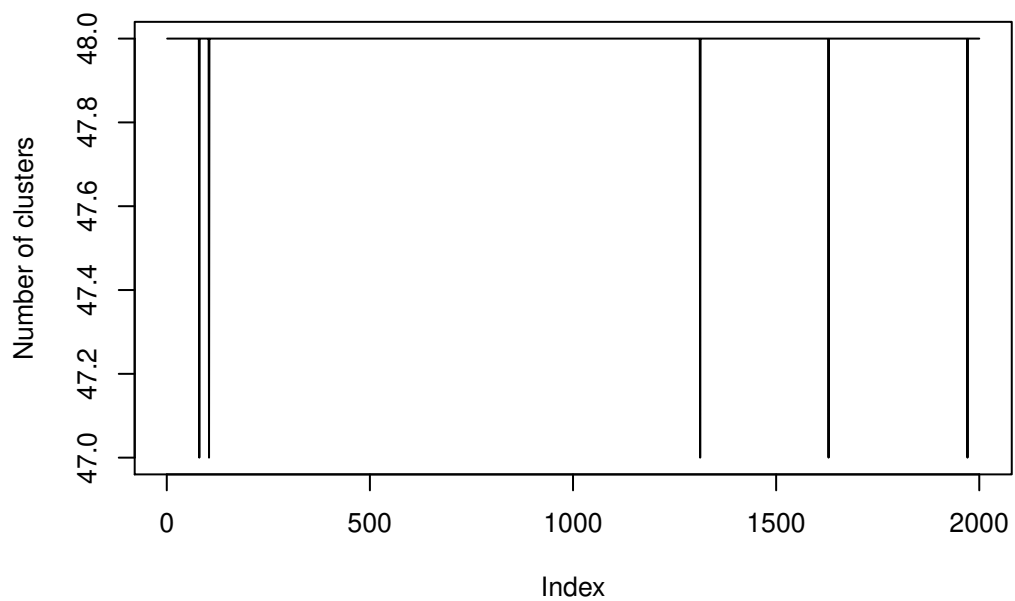
**Traceplot of alpha**



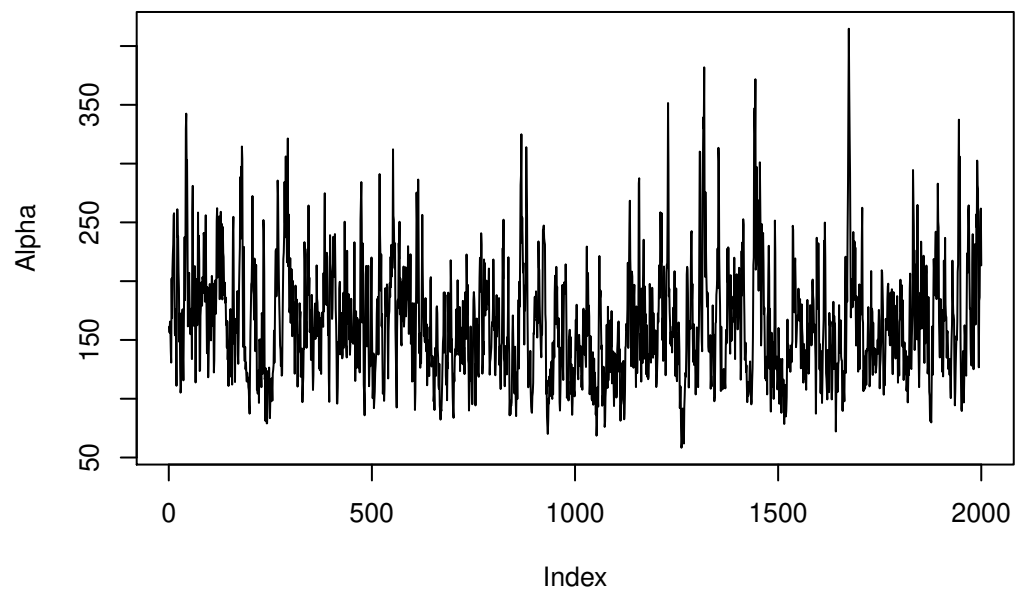
**Prior and posterior of alpha**



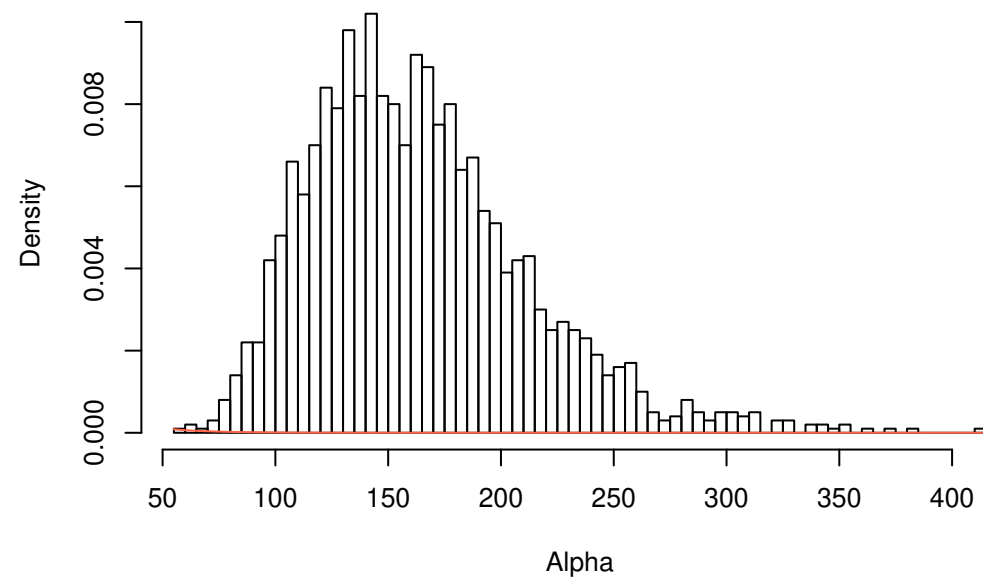
**Traceplot of the number of clusters**



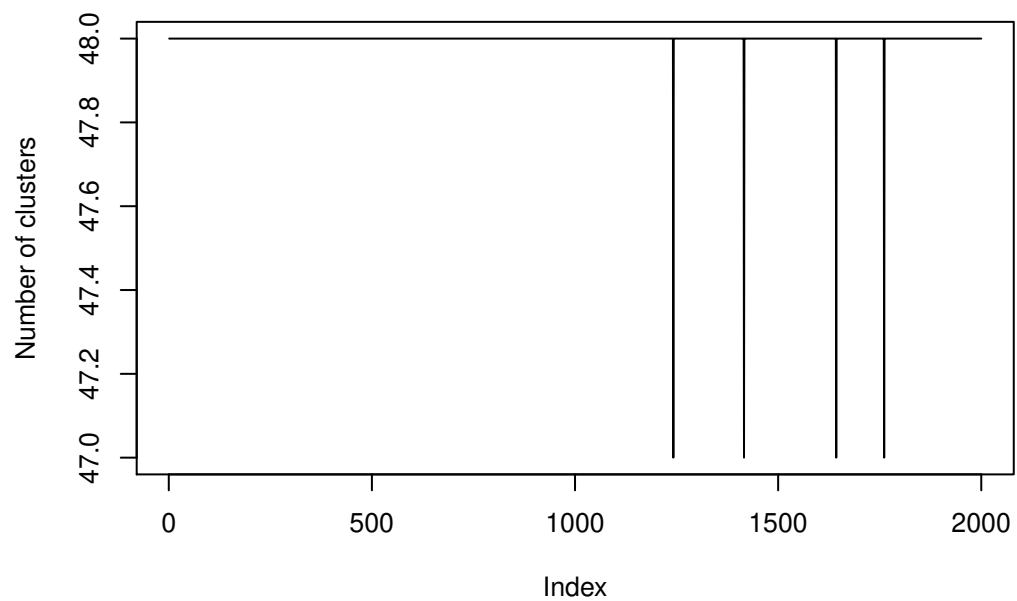
**Traceplot of alpha**



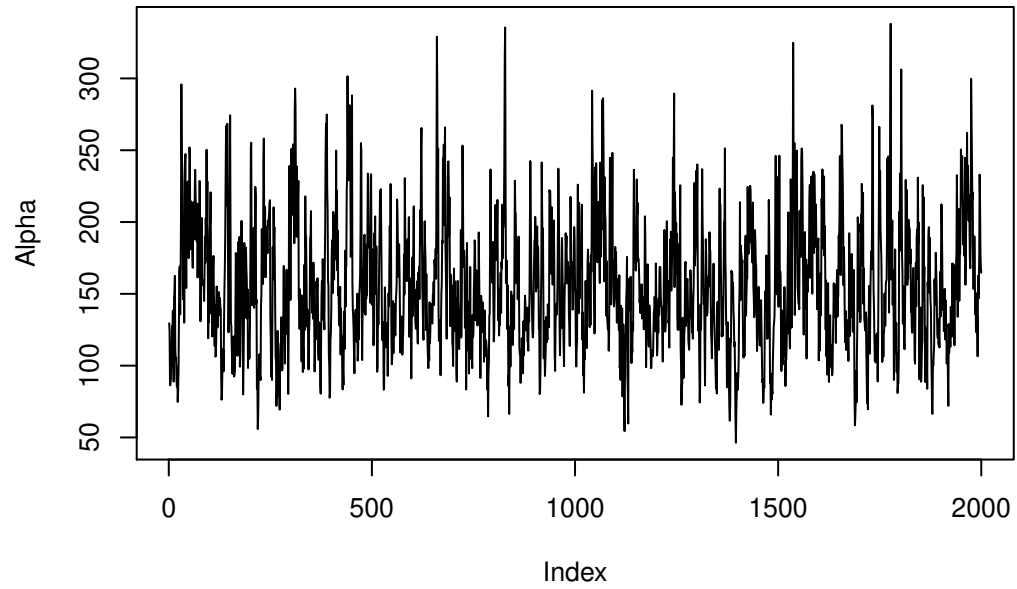
**Prior and posterior of alpha**



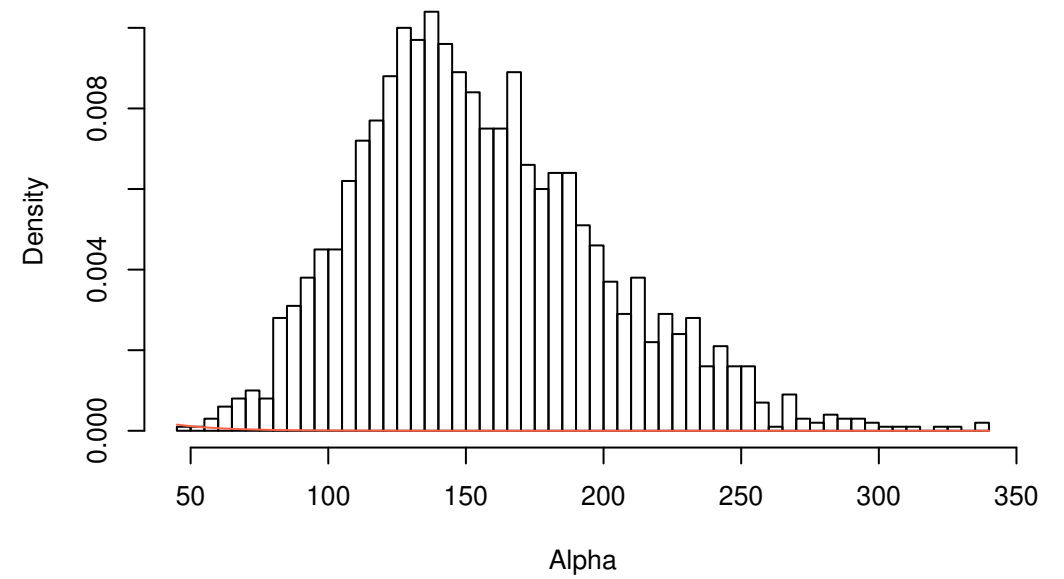
**Traceplot of the number of clusters**



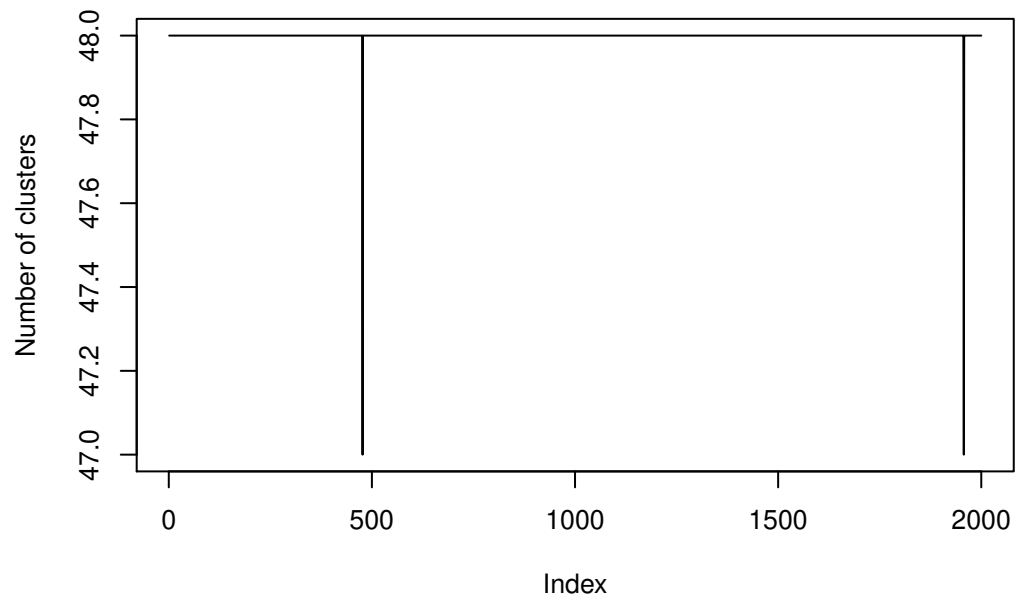
**Traceplot of alpha**



**Prior and posterior of alpha**

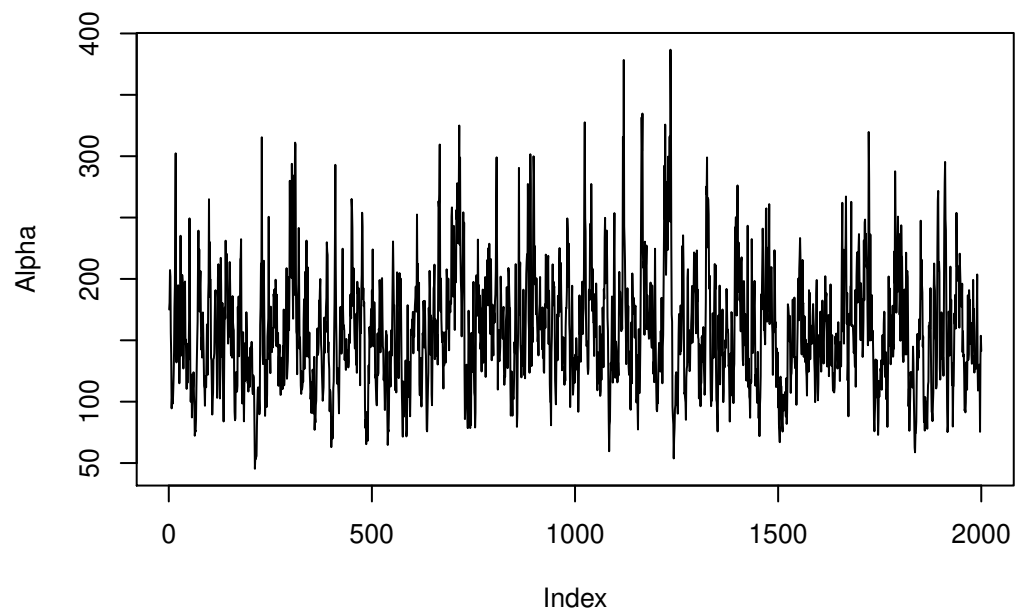


**Traceplot of the number of clusters**

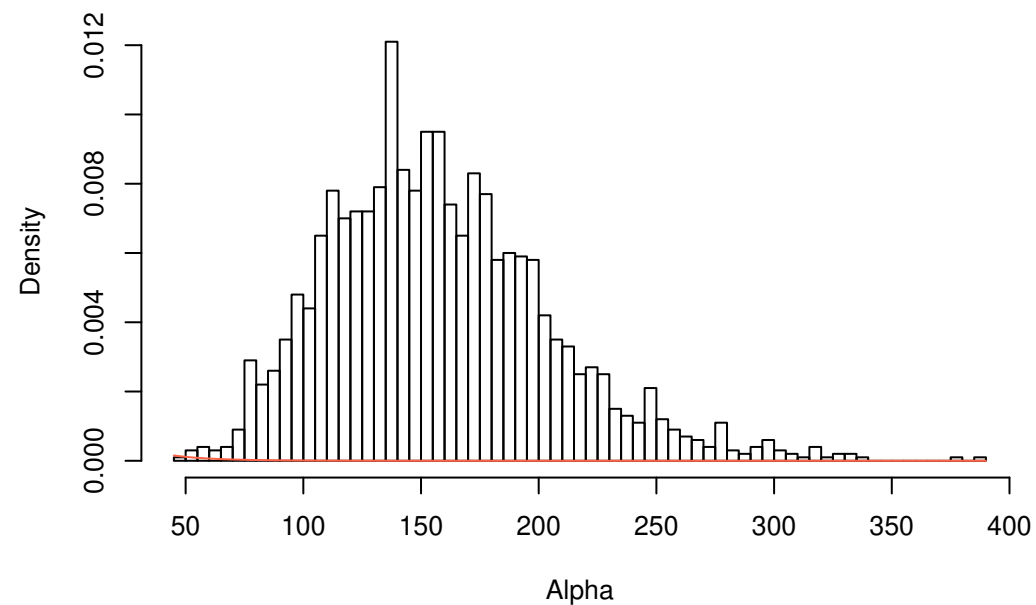




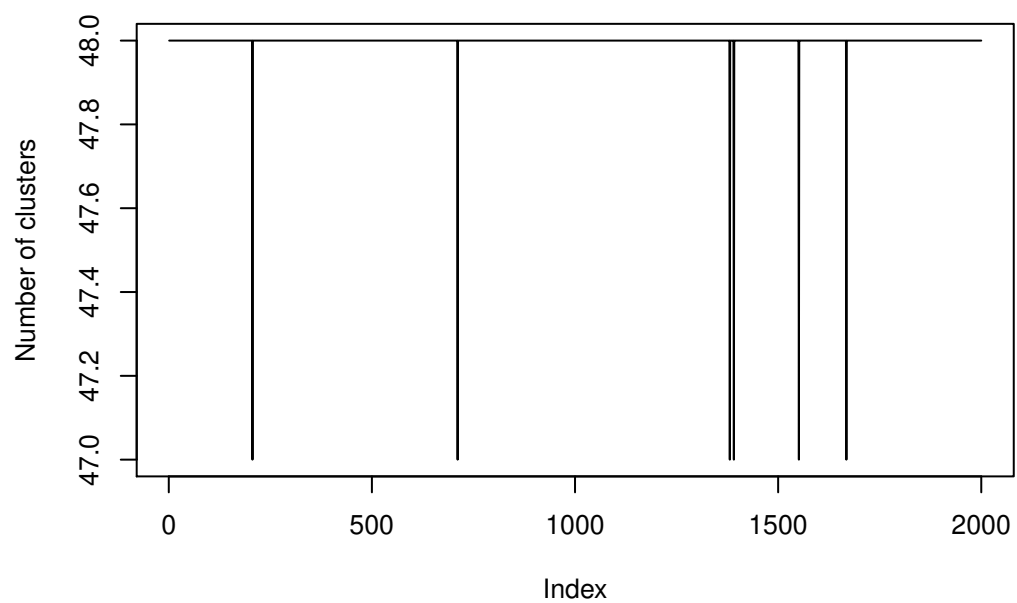
**Traceplot of alpha**



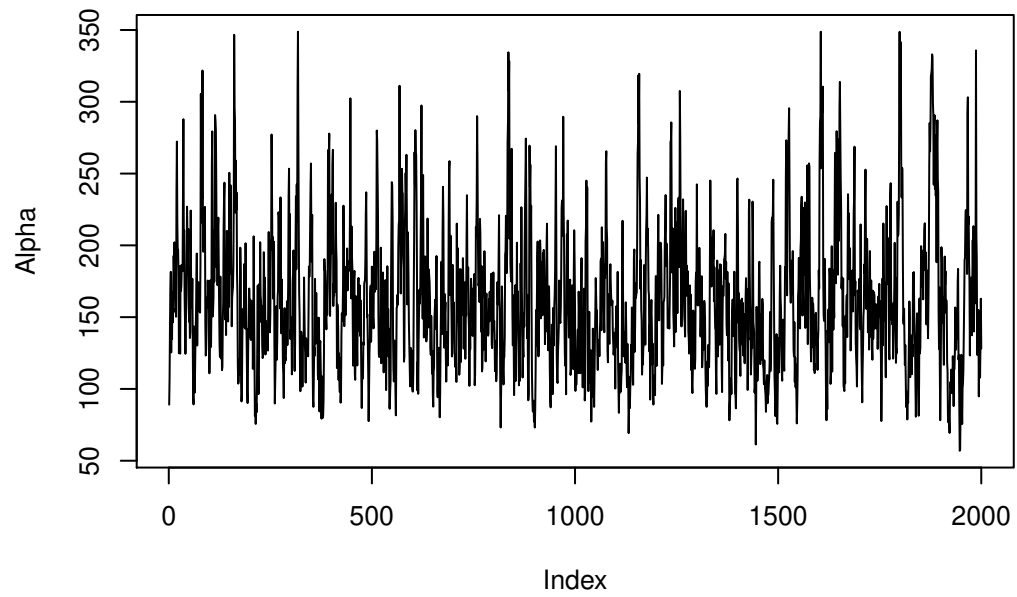
**Prior and posterior of alpha**



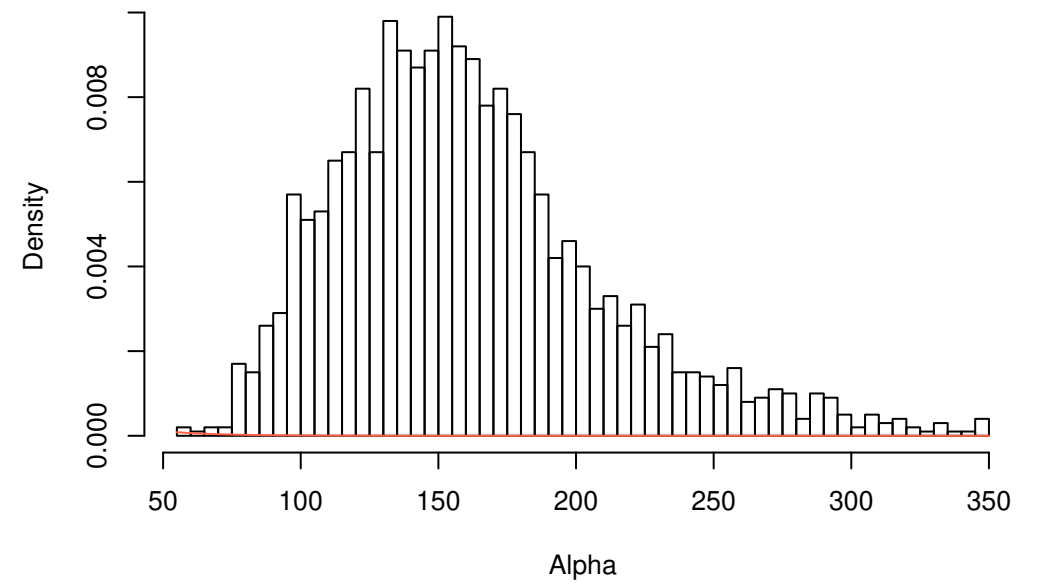
**Traceplot of the number of clusters**



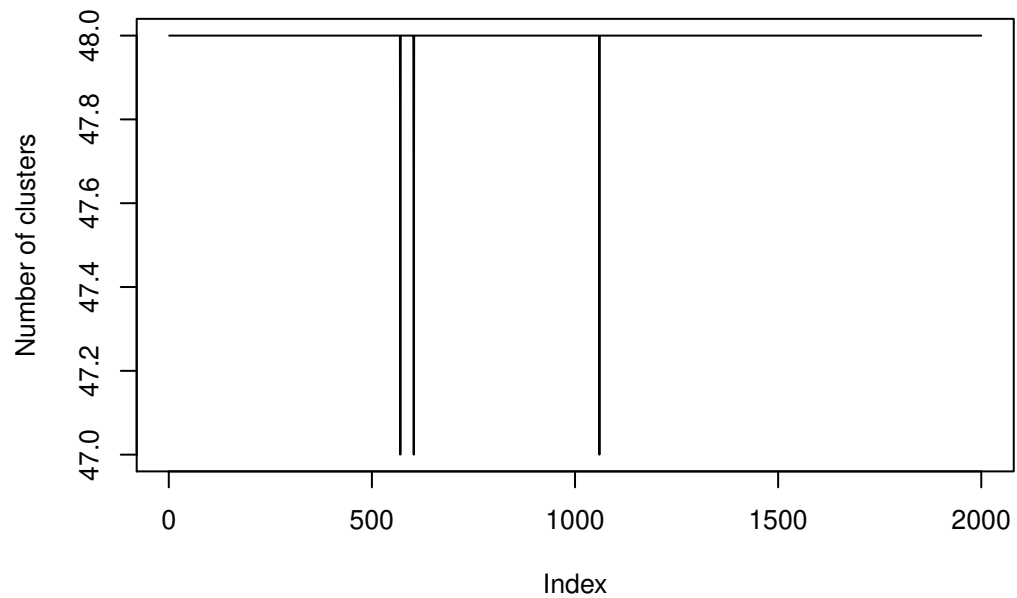
**Traceplot of alpha**



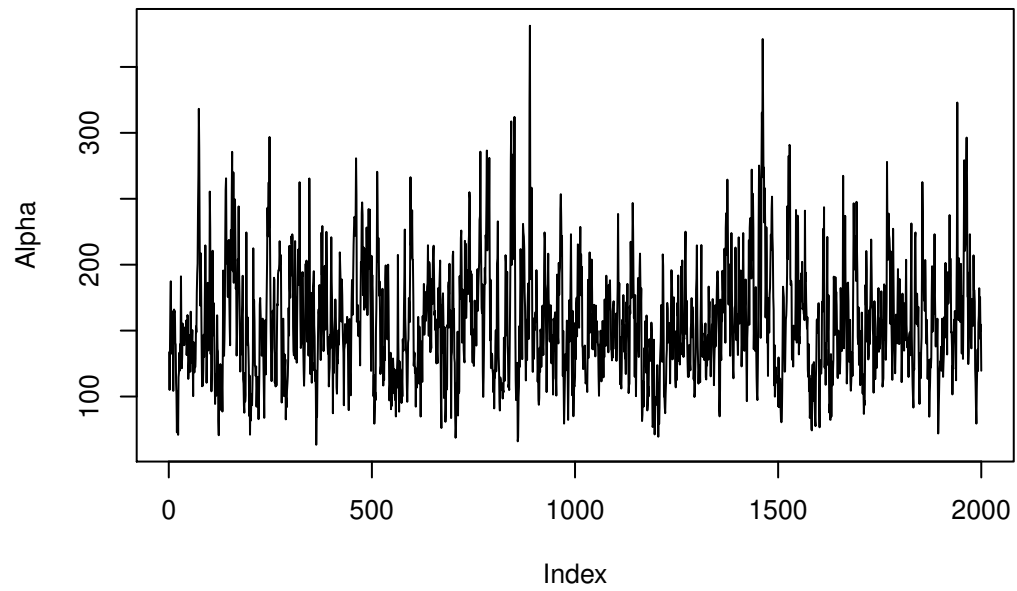
**Prior and posterior of alpha**



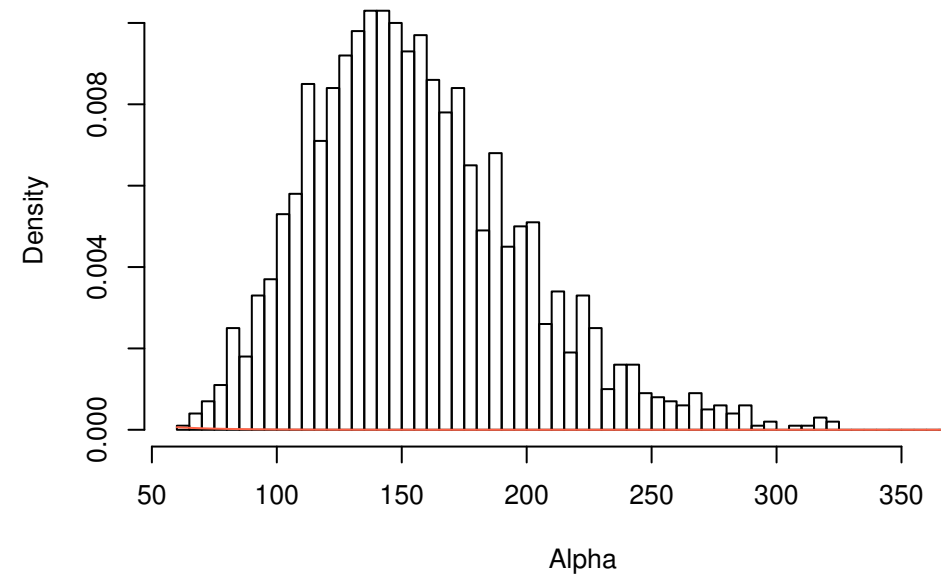
**Traceplot of the number of clusters**



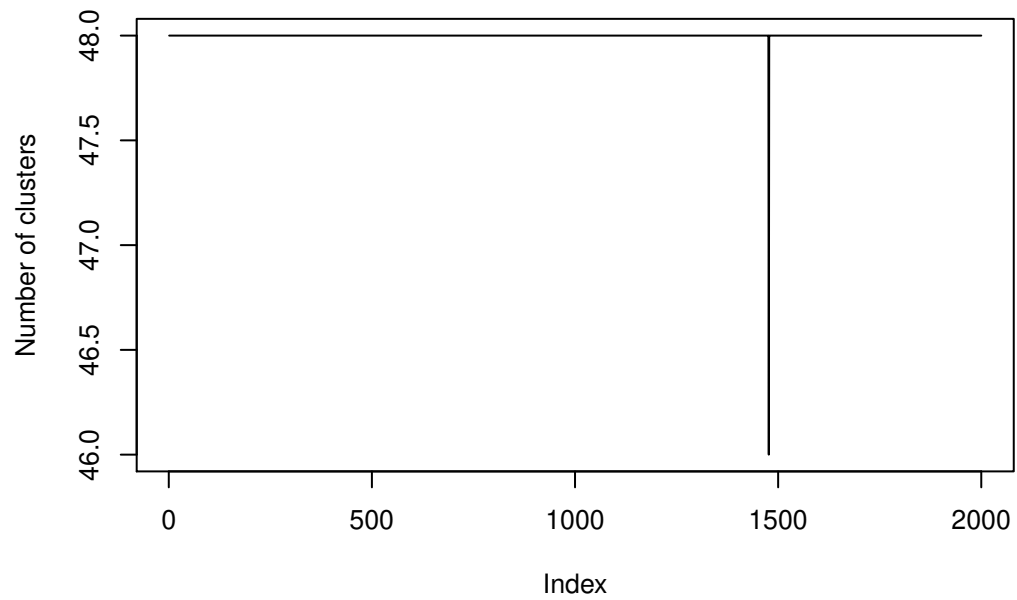
**Traceplot of alpha**



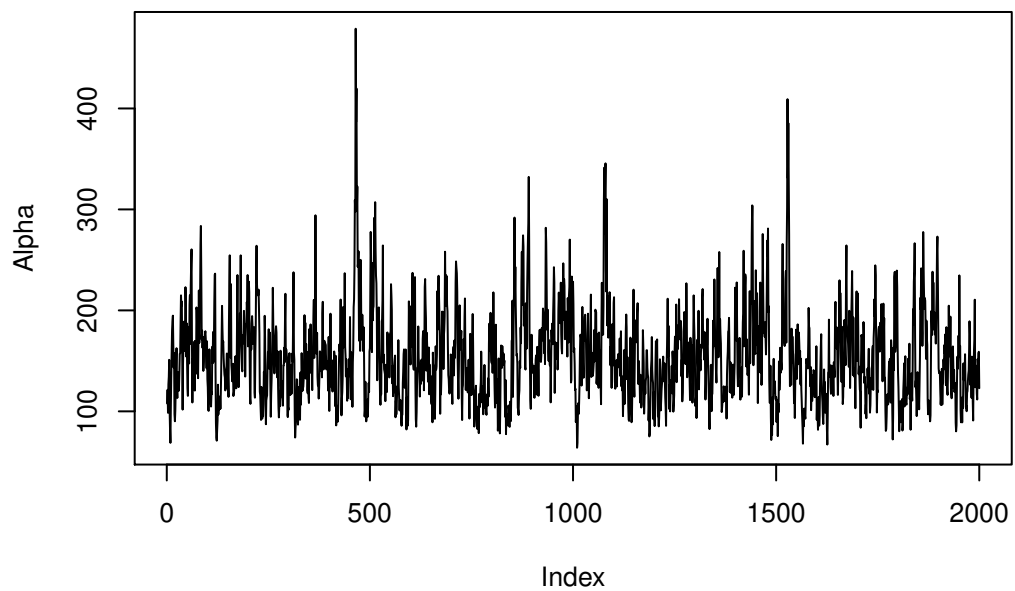
**Prior and posterior of alpha**



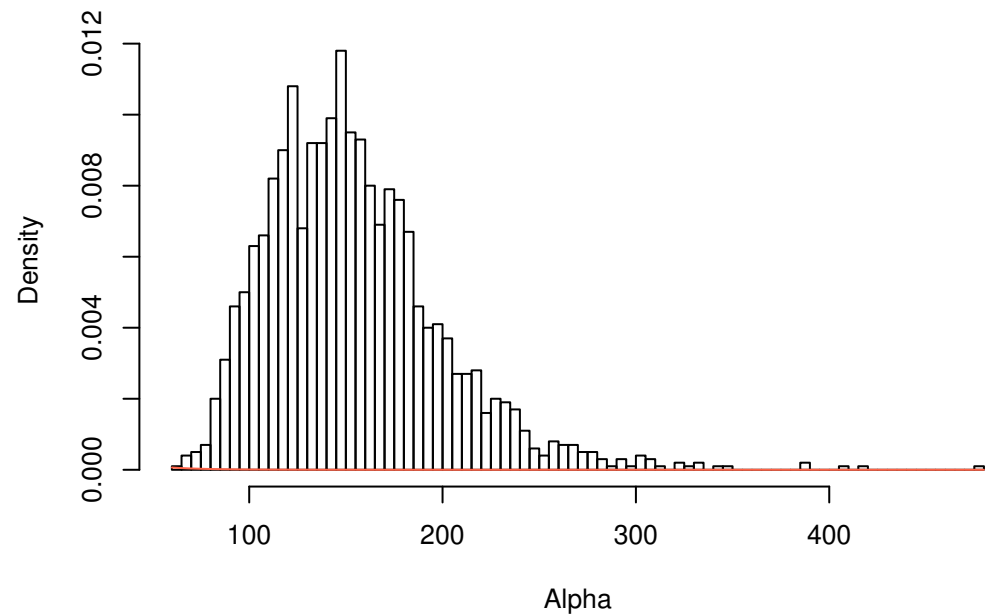
**Traceplot of the number of clusters**



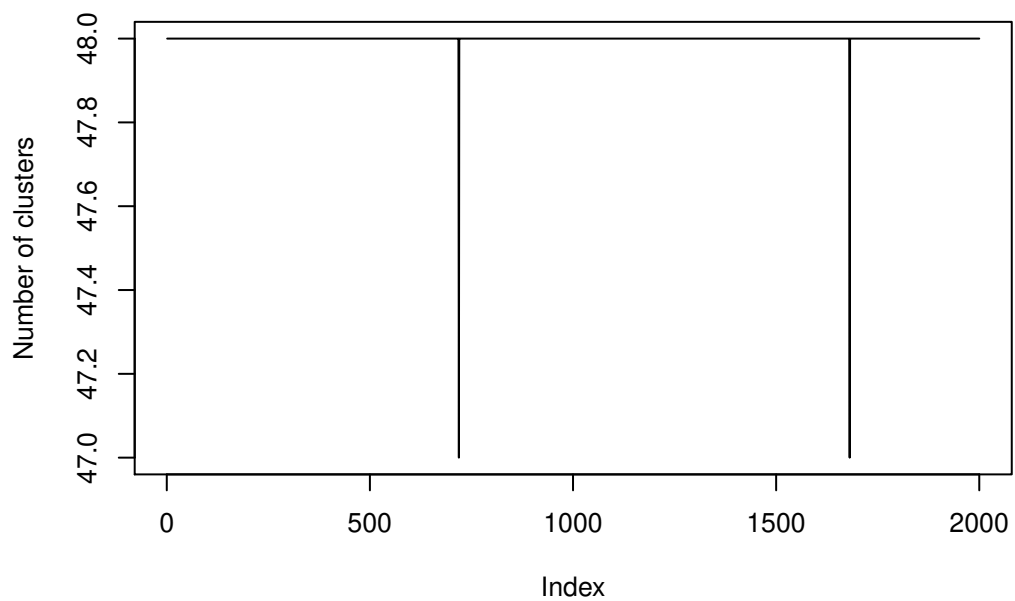
**Traceplot of alpha**



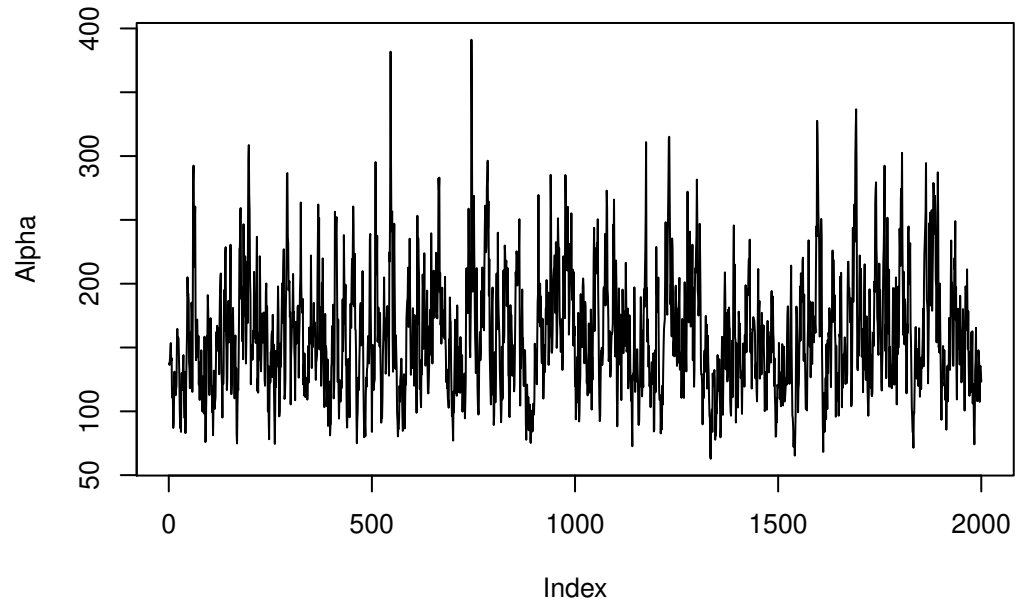
**Prior and posterior of alpha**



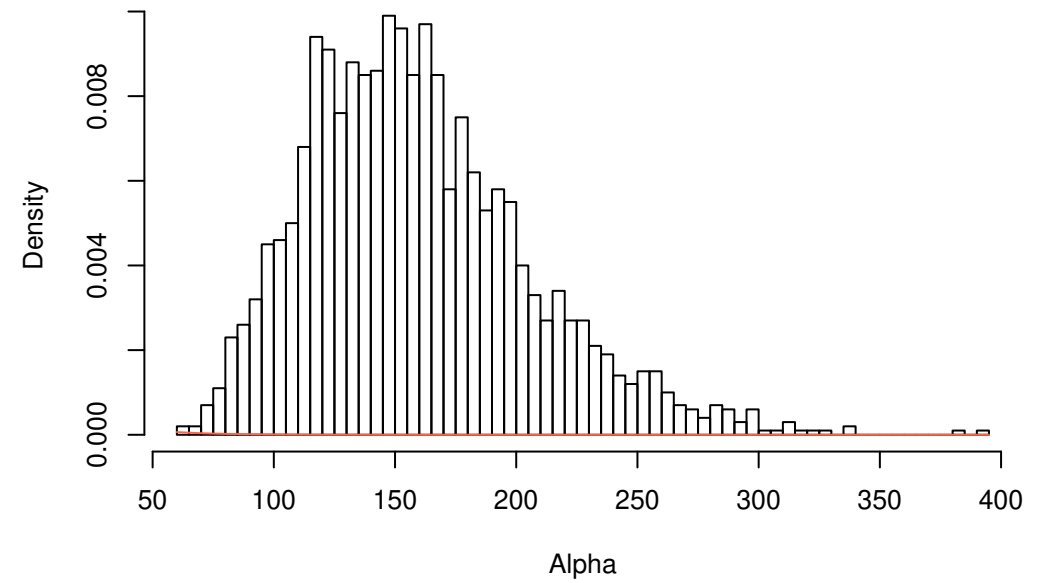
**Traceplot of the number of clusters**



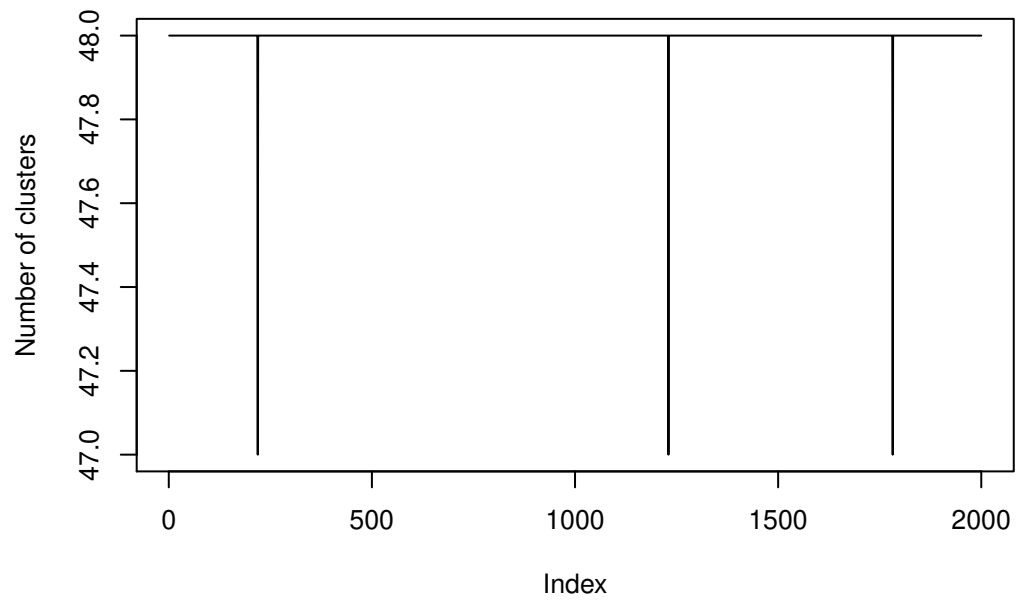
**Traceplot of alpha**



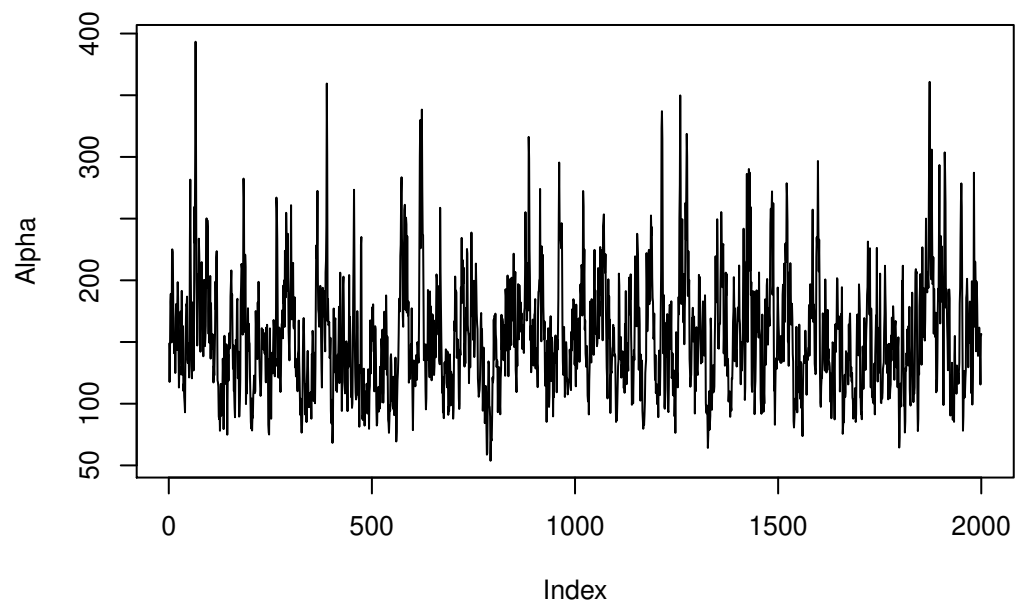
**Prior and posterior of alpha**



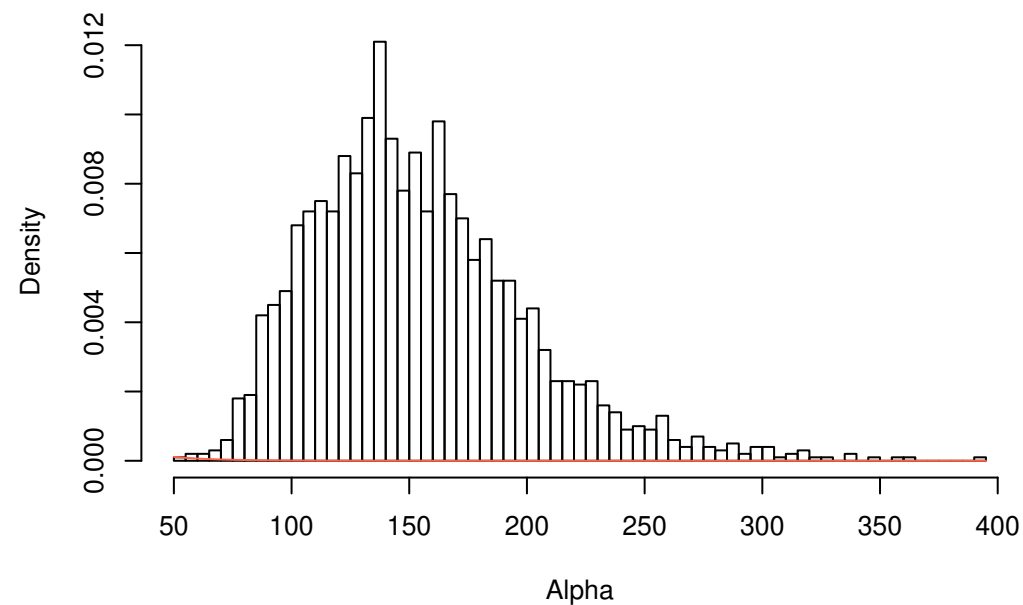
**Traceplot of the number of clusters**



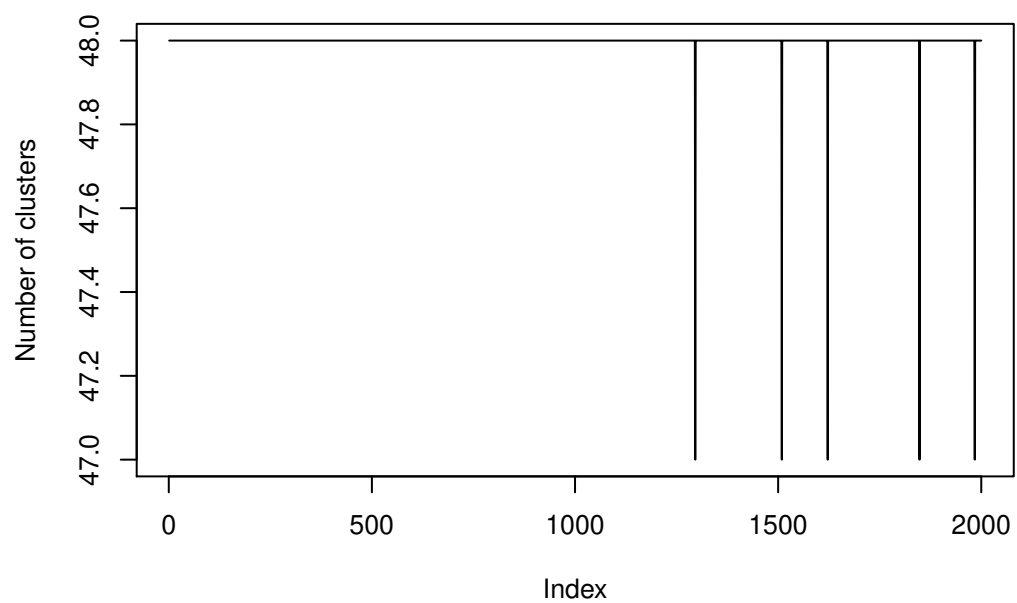
**Traceplot of alpha**



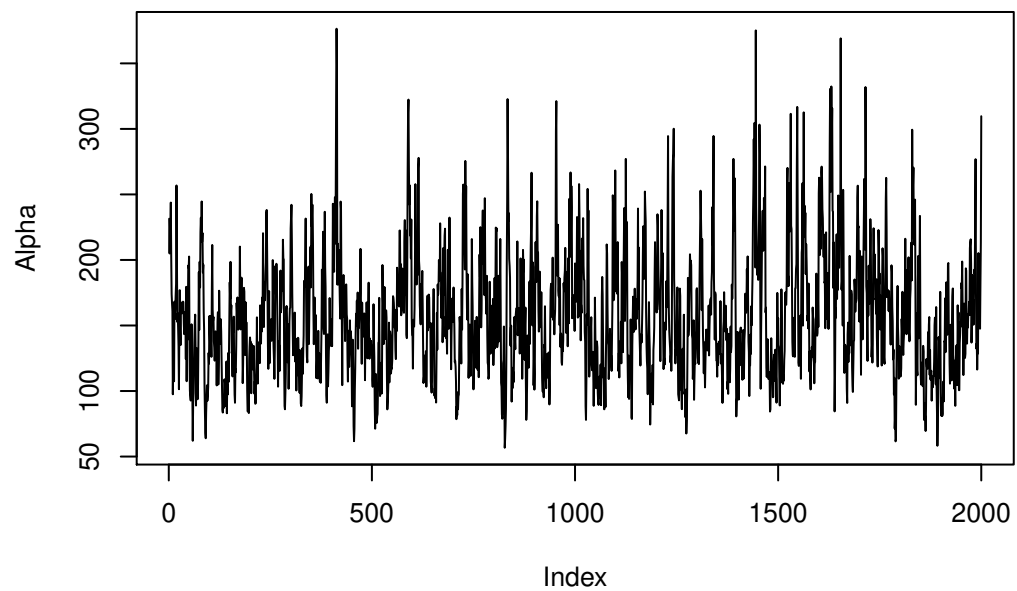
**Prior and posterior of alpha**



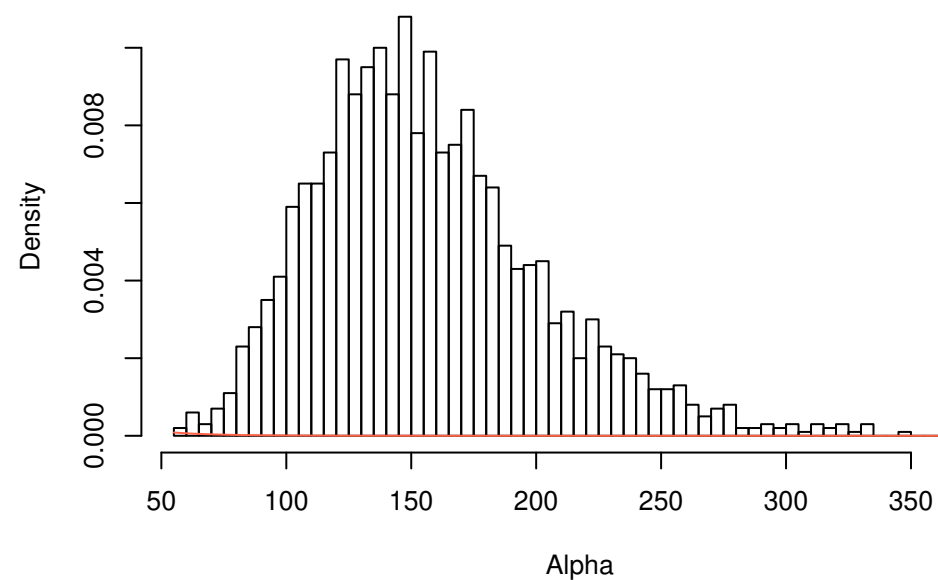
**Traceplot of the number of clusters**



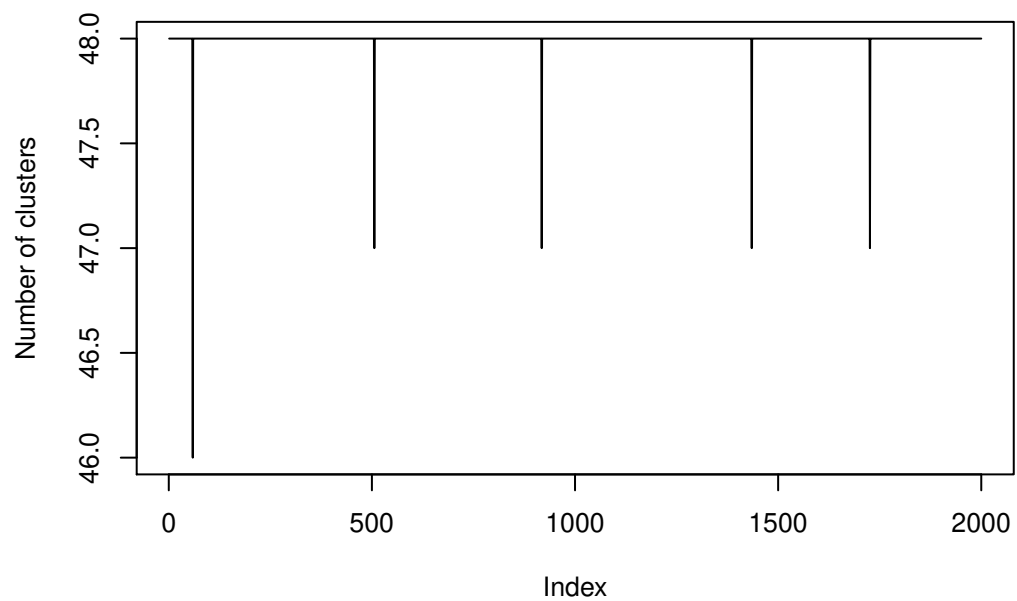
**Traceplot of alpha**



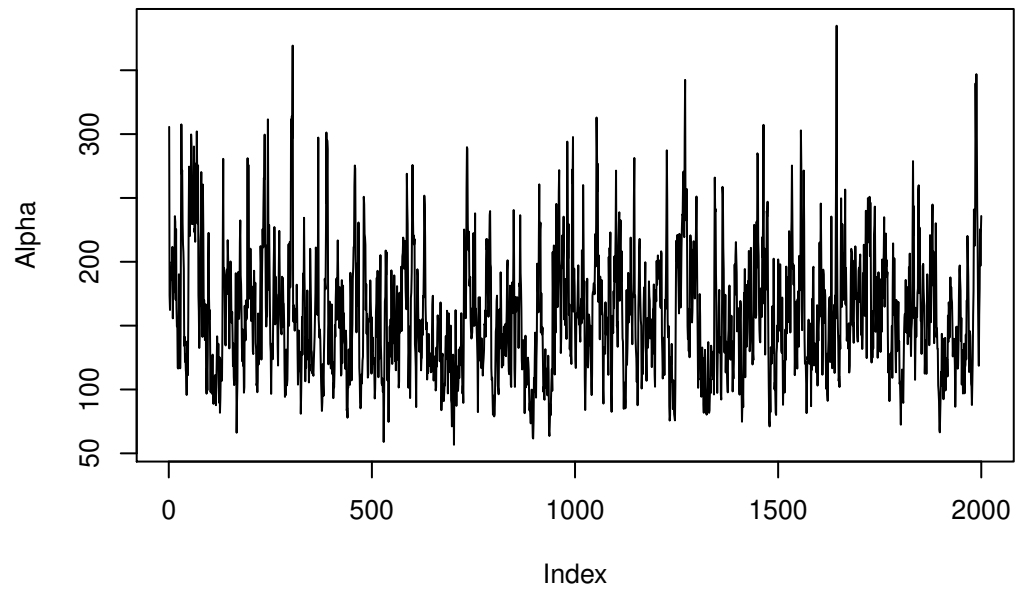
**Prior and posterior of alpha**



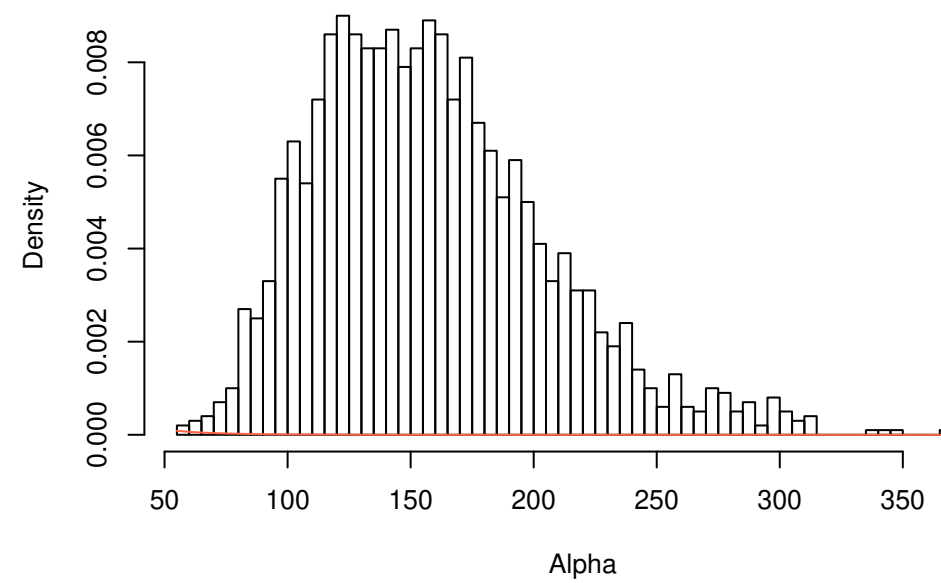
**Traceplot of the number of clusters**



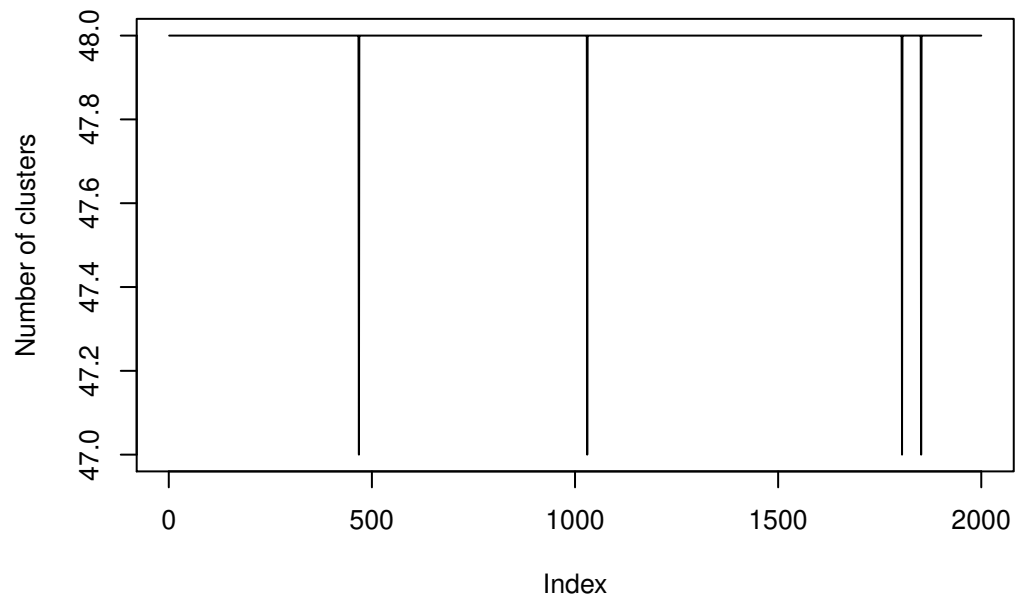
**Traceplot of alpha**



**Prior and posterior of alpha**

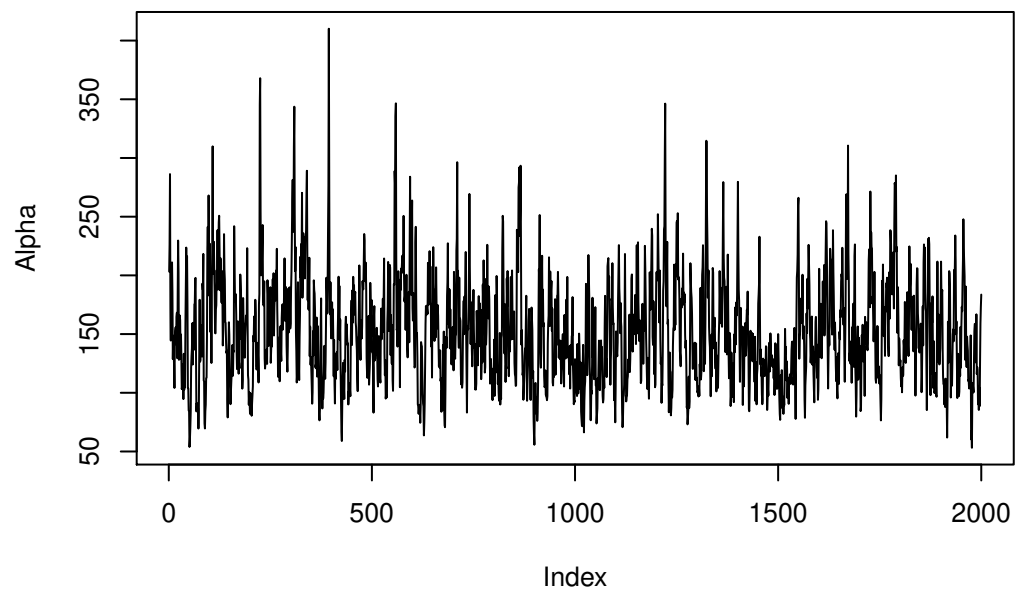


**Traceplot of the number of clusters**

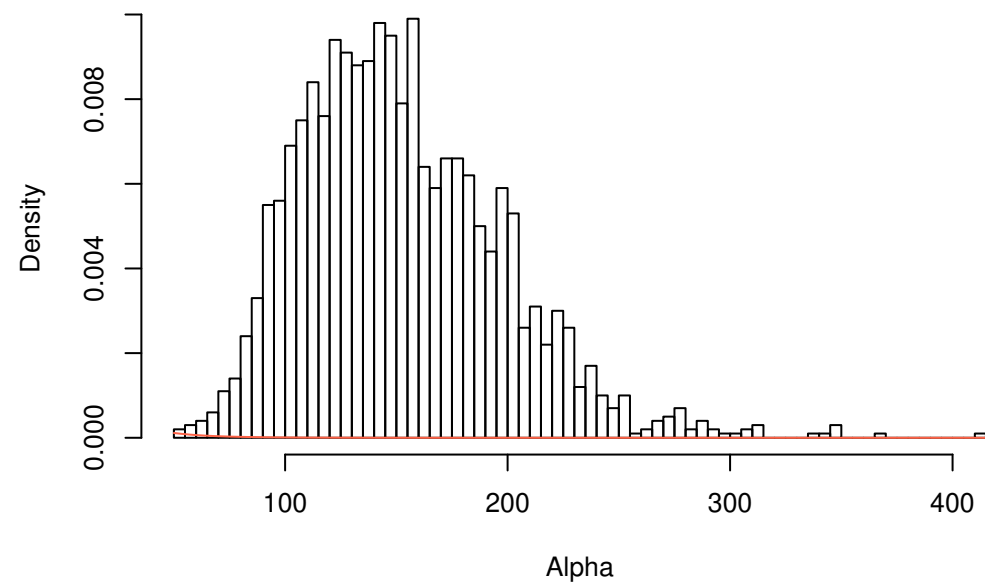




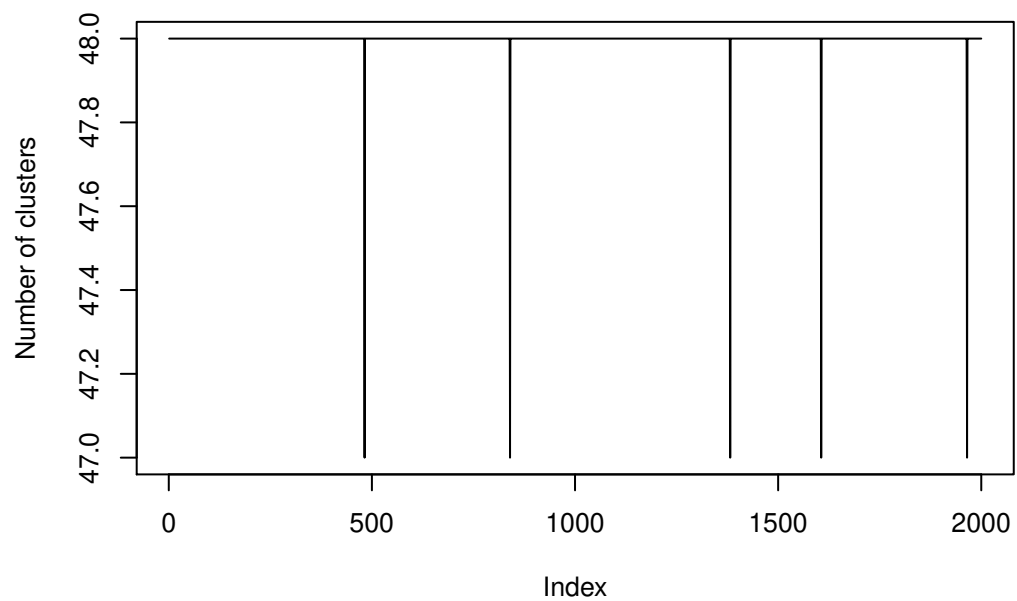
**Traceplot of alpha**



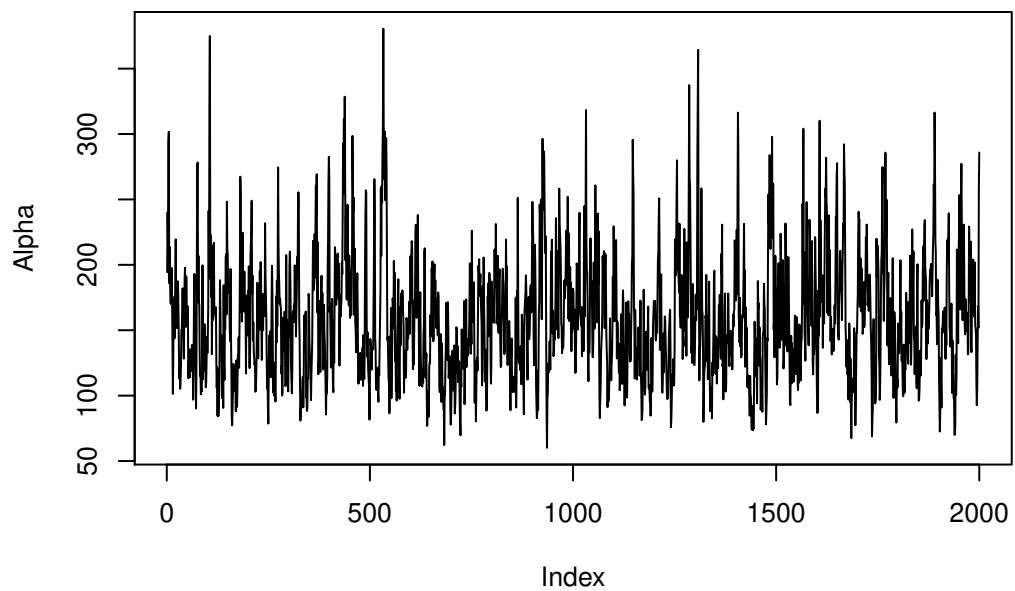
**Prior and posterior of alpha**



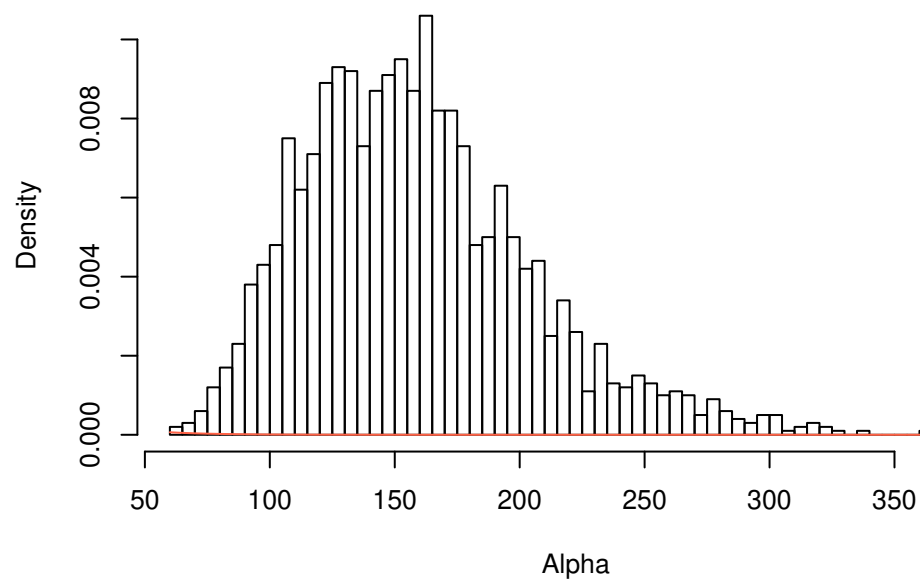
**Traceplot of the number of clusters**



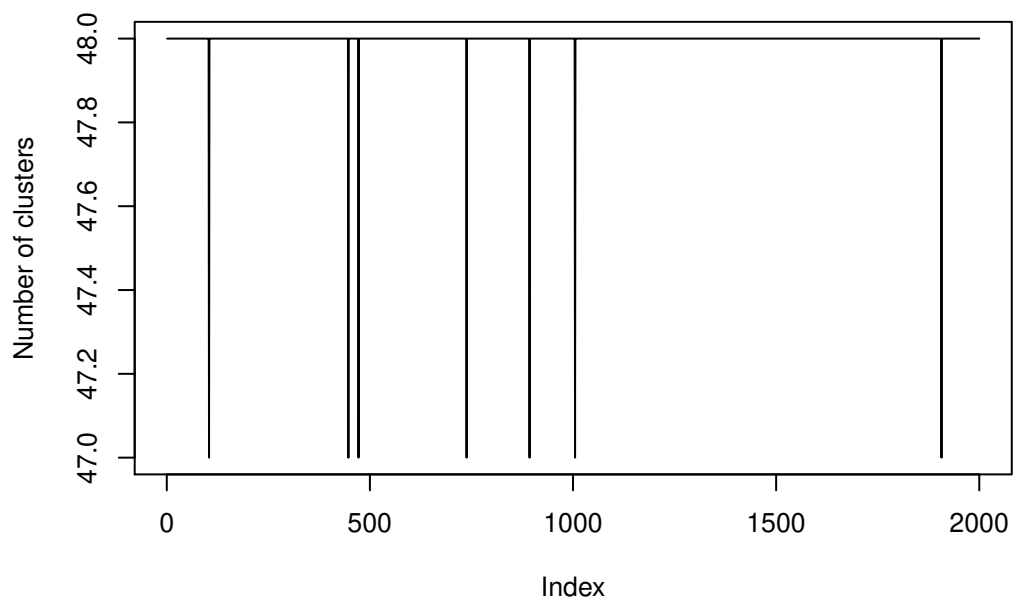
**Traceplot of alpha**



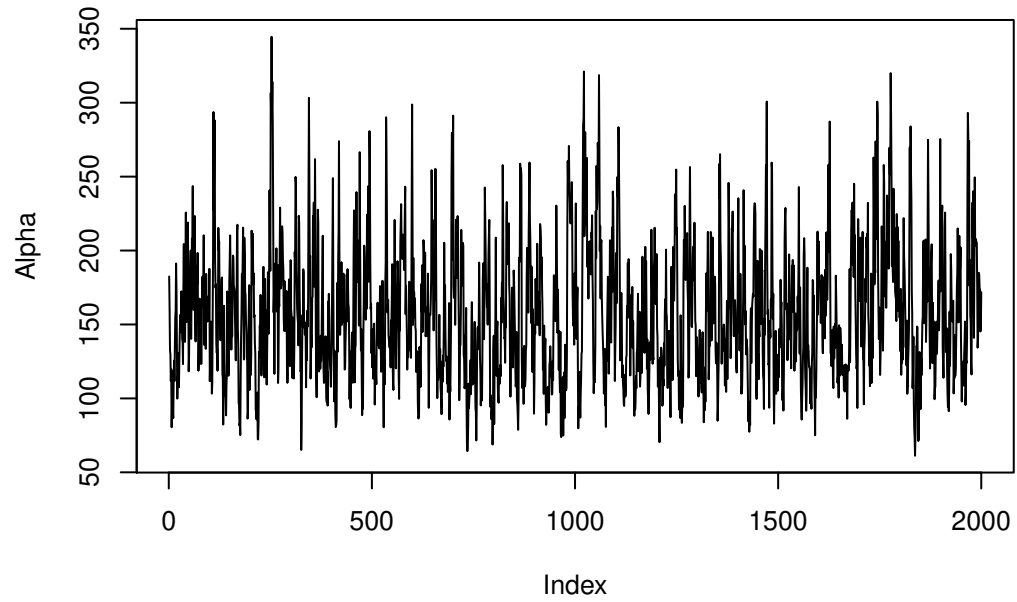
**Prior and posterior of alpha**



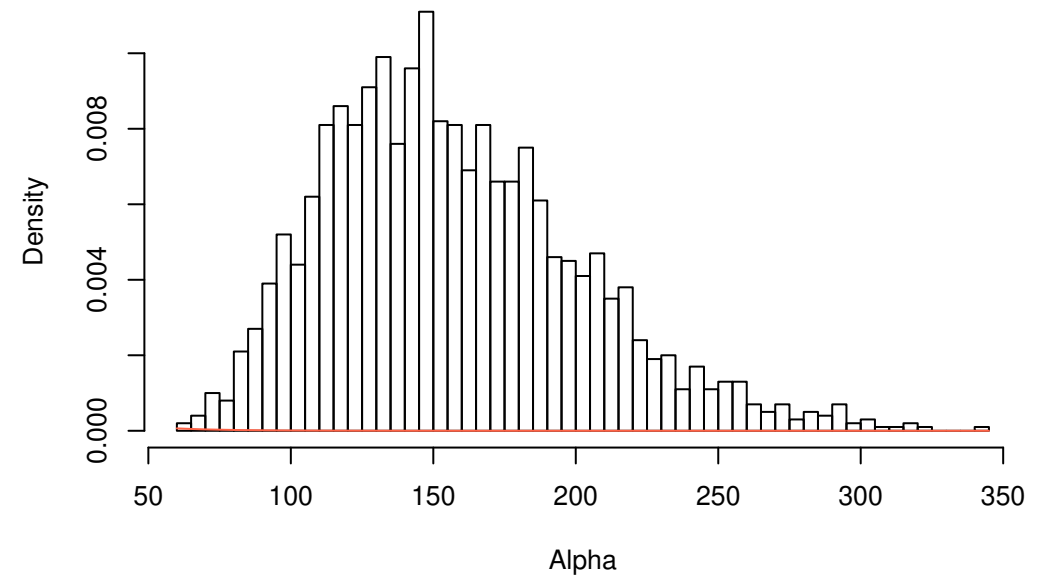
**Traceplot of the number of clusters**



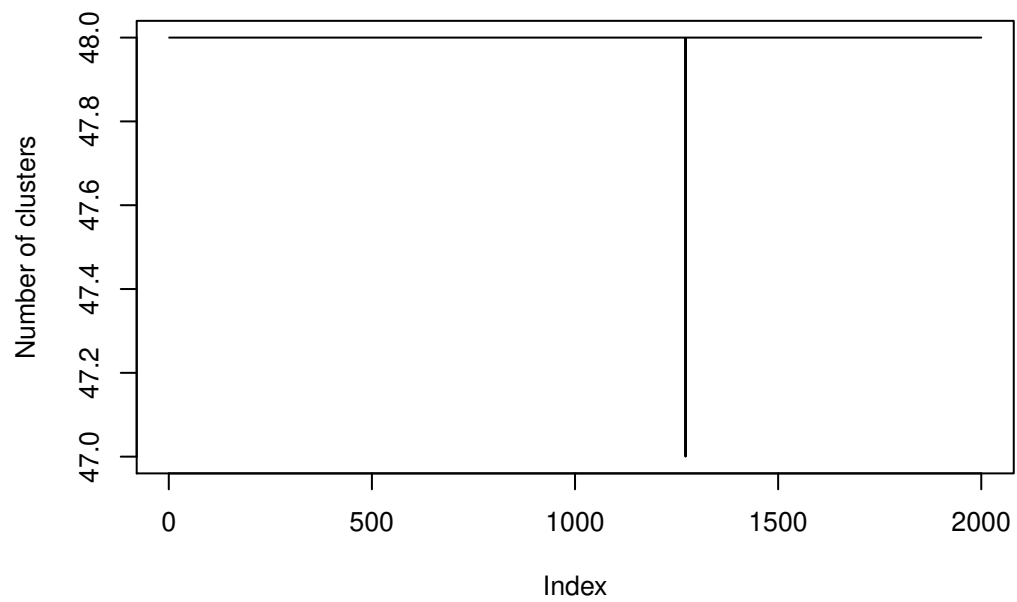
**Traceplot of alpha**



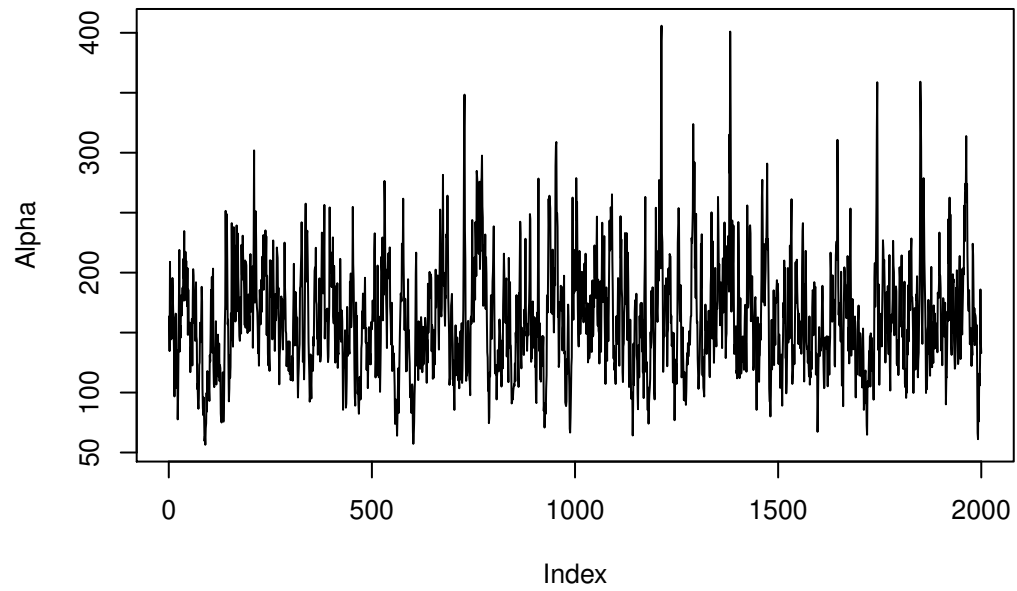
**Prior and posterior of alpha**



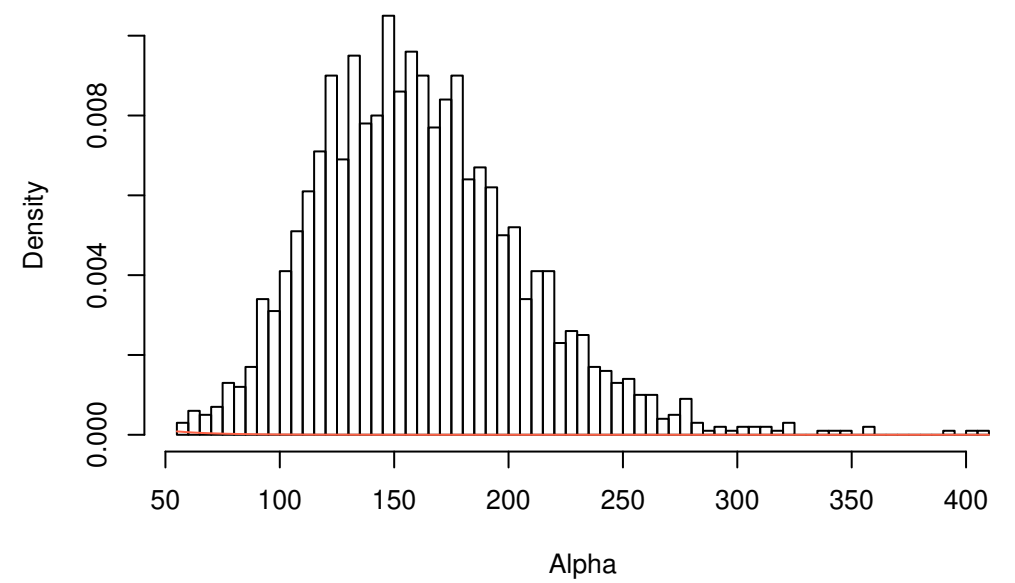
**Traceplot of the number of clusters**



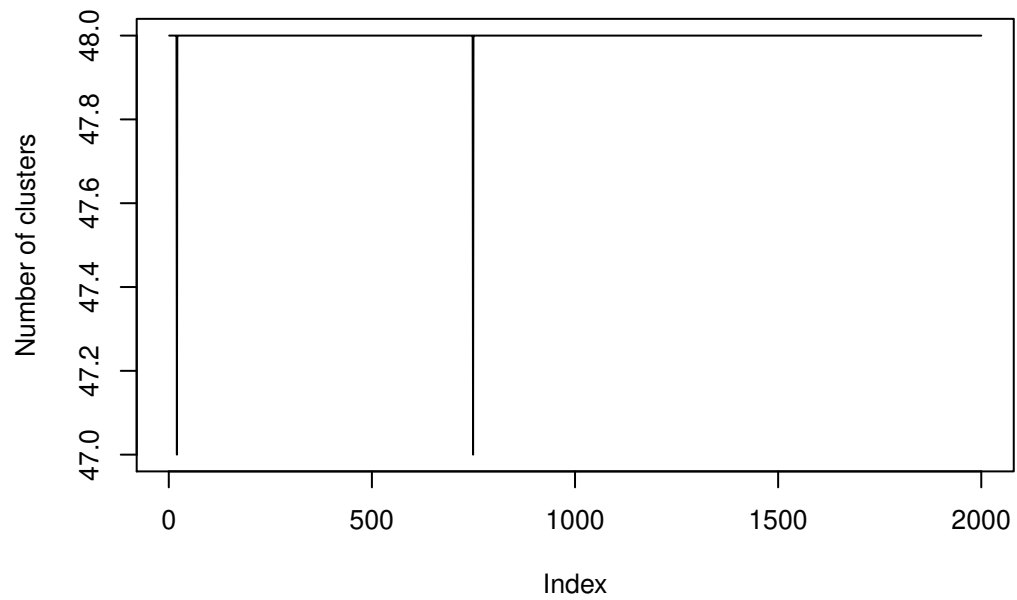
**Traceplot of alpha**



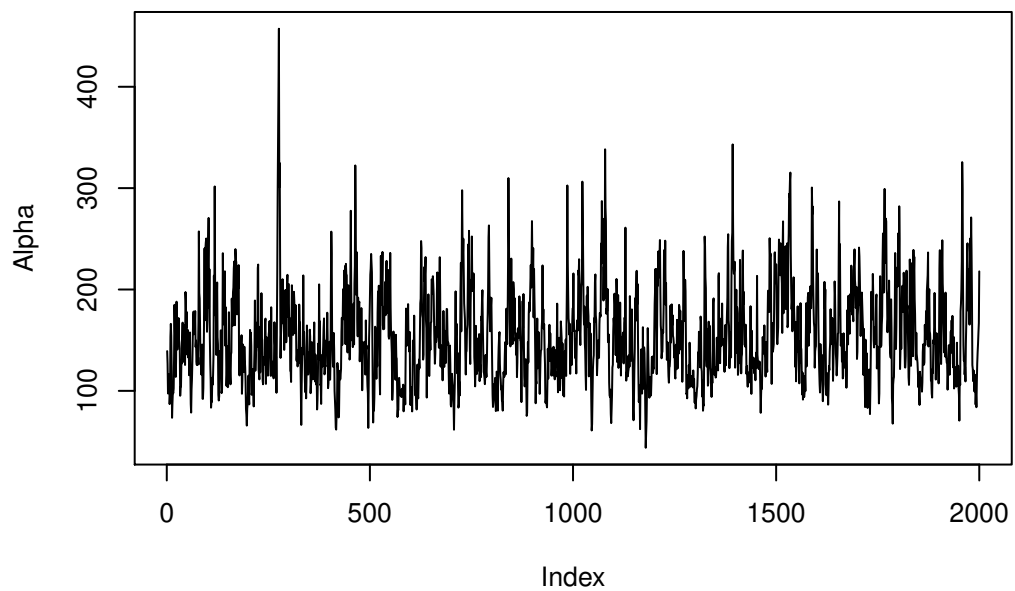
**Prior and posterior of alpha**



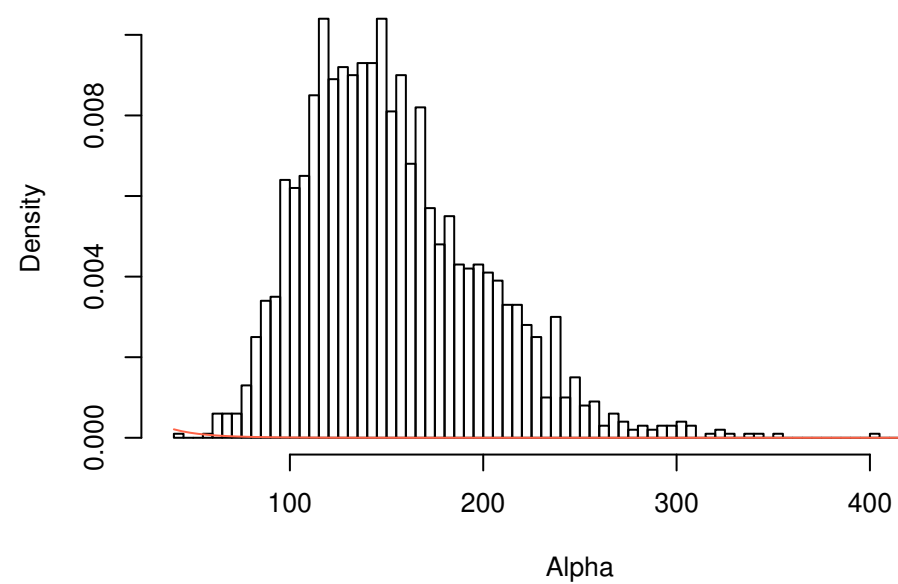
**Traceplot of the number of clusters**



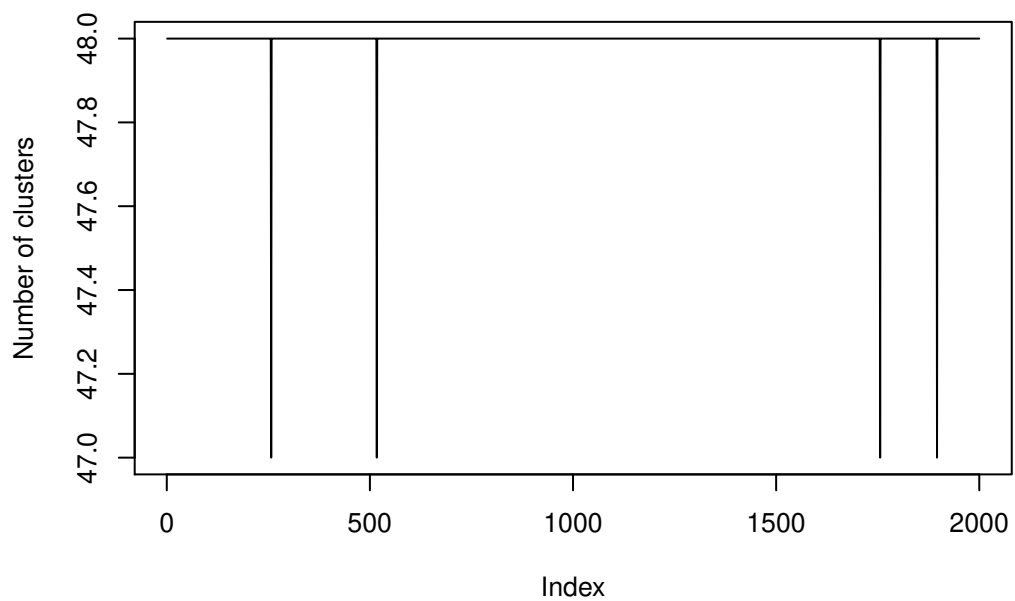
**Traceplot of alpha**



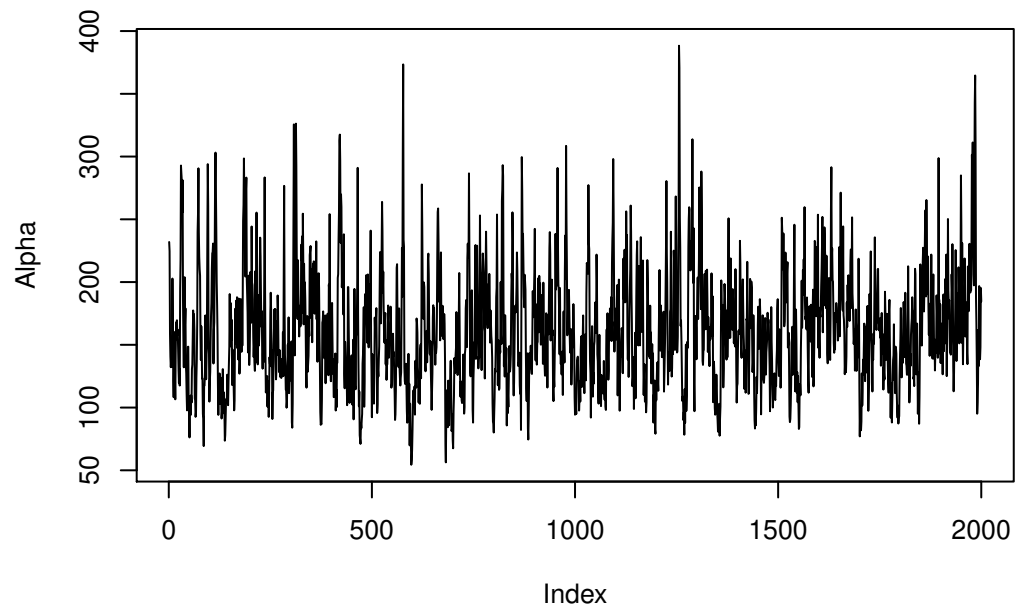
**Prior and posterior of alpha**



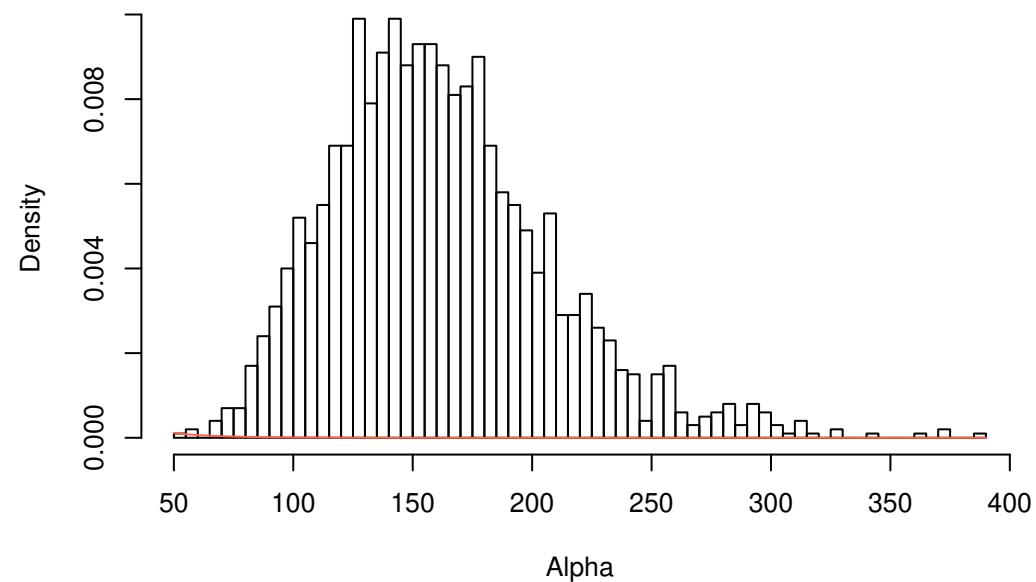
**Traceplot of the number of clusters**



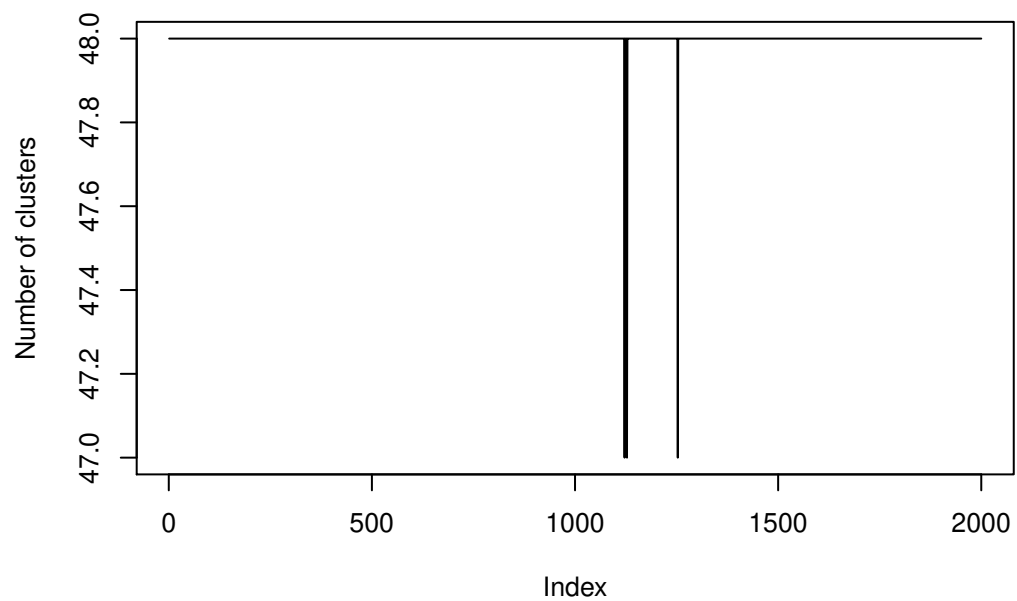
**Traceplot of alpha**



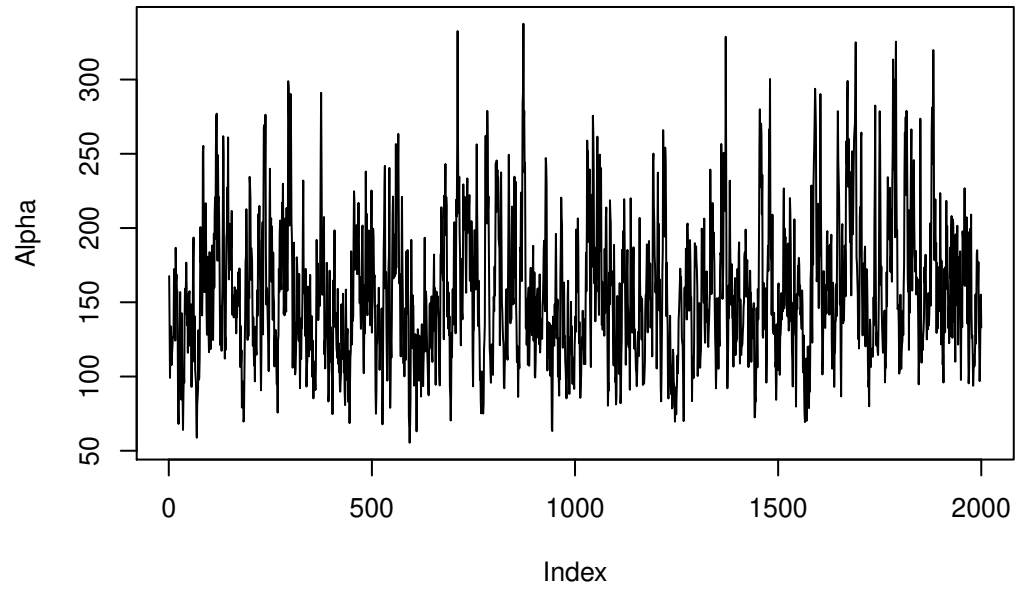
**Prior and posterior of alpha**



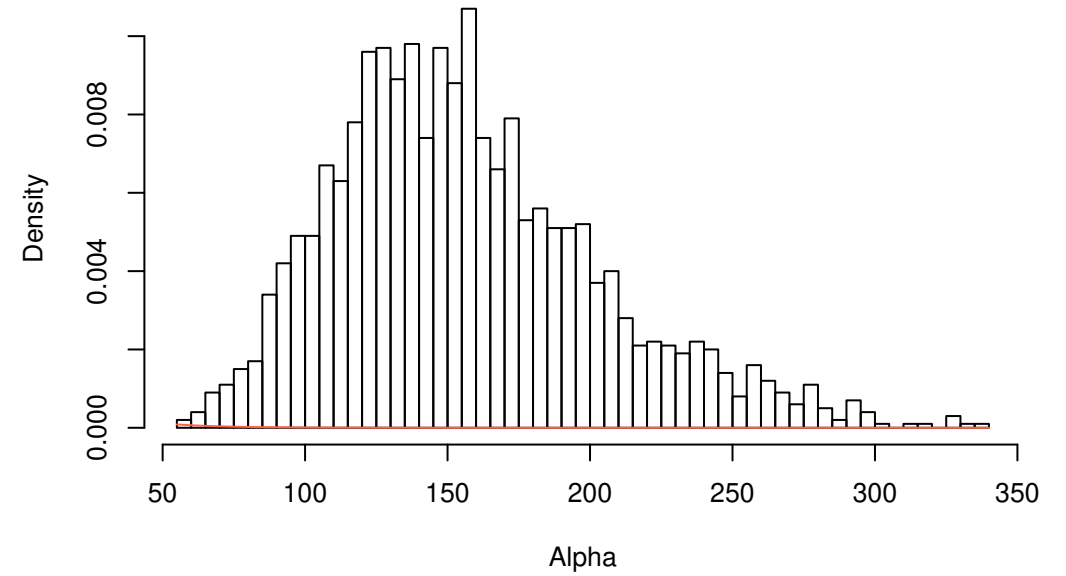
**Traceplot of the number of clusters**



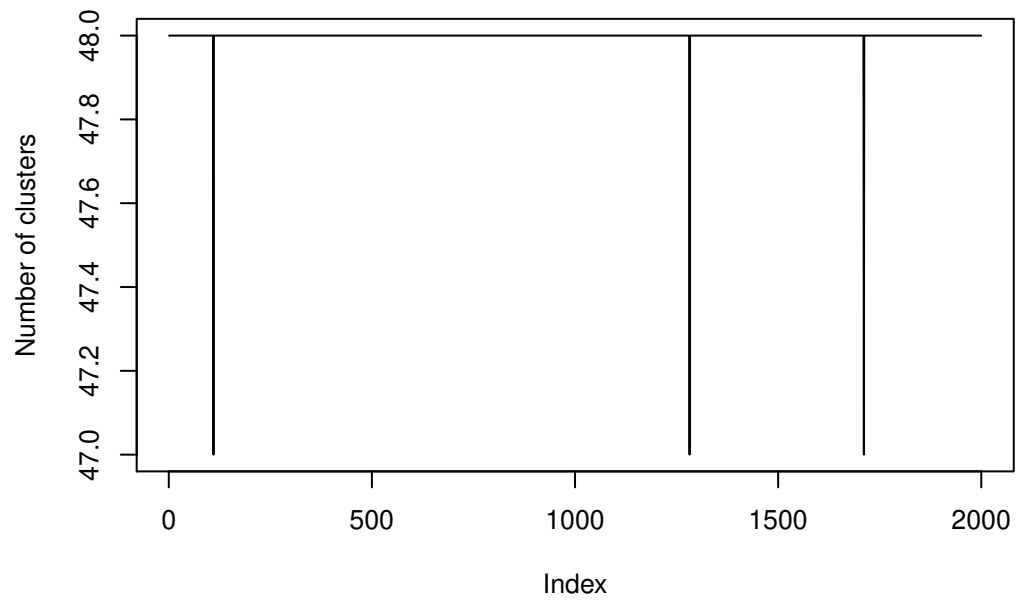
**Traceplot of alpha**



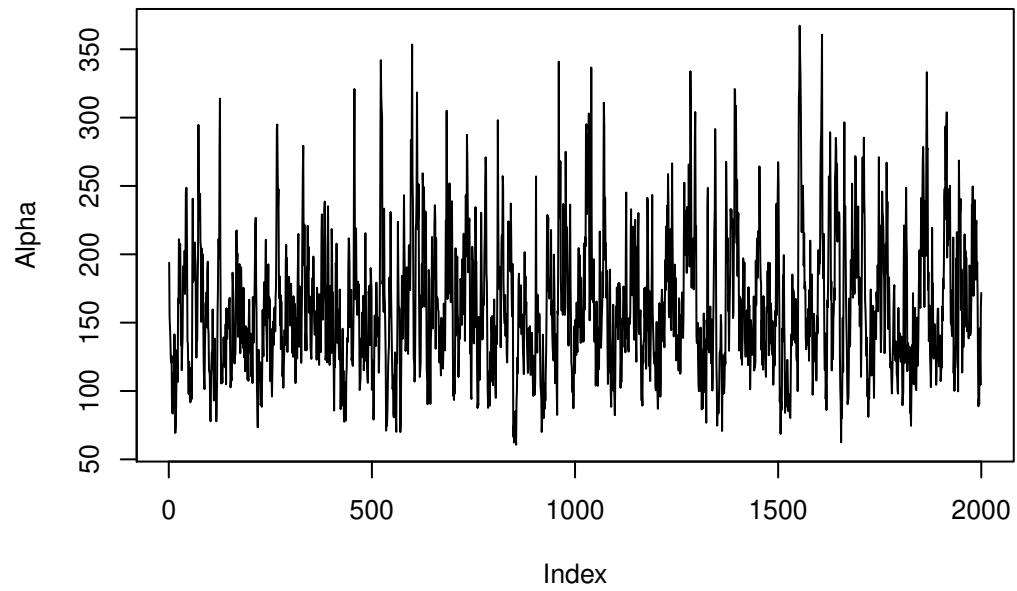
**Prior and posterior of alpha**



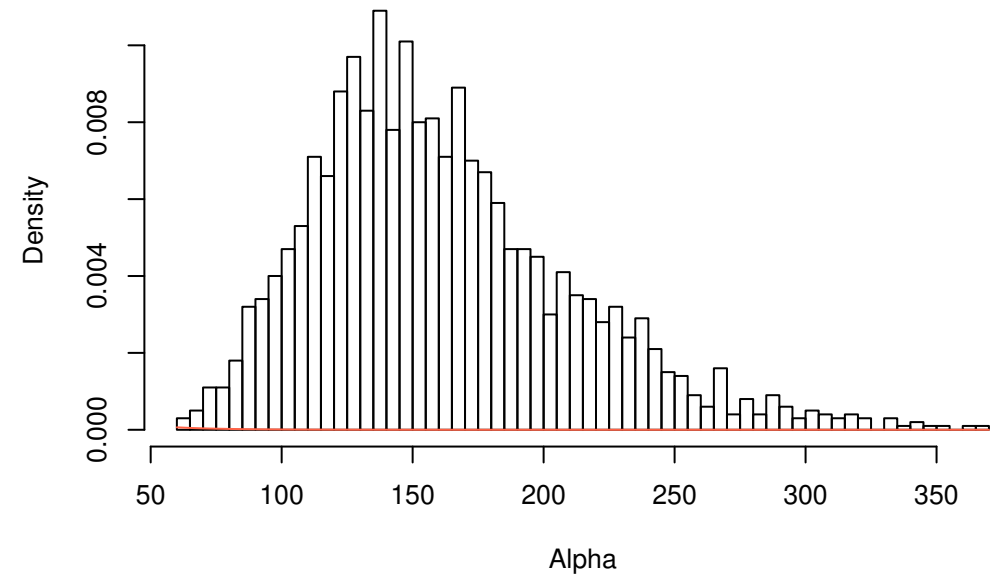
**Traceplot of the number of clusters**



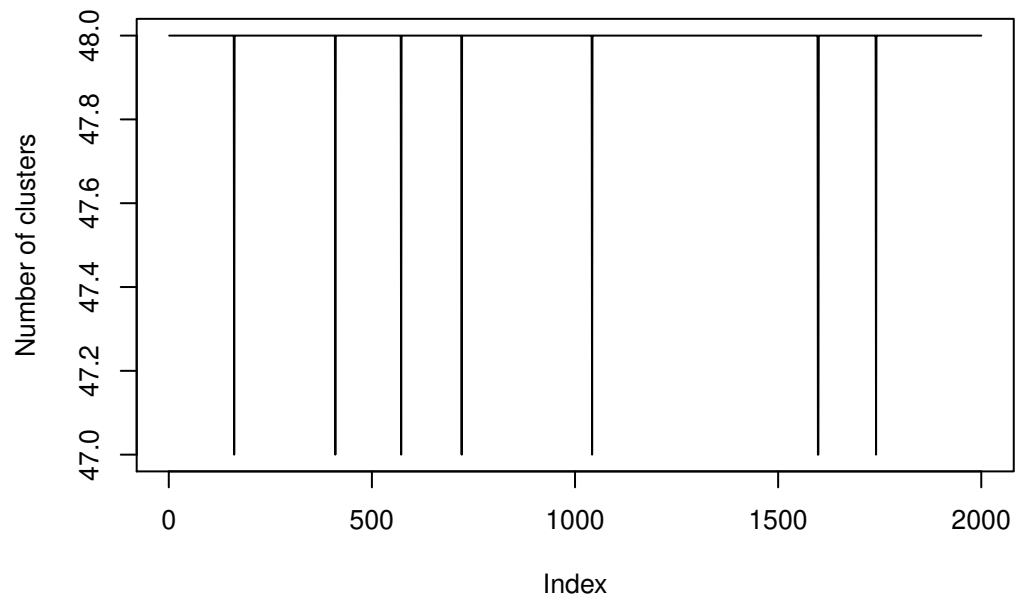
**Traceplot of alpha**



**Prior and posterior of alpha**

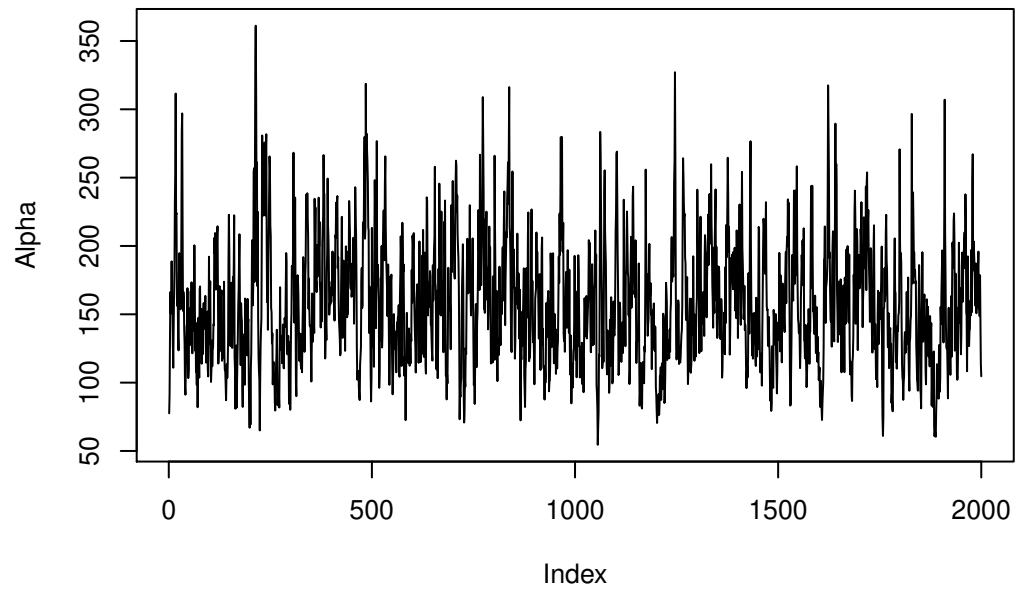


**Traceplot of the number of clusters**

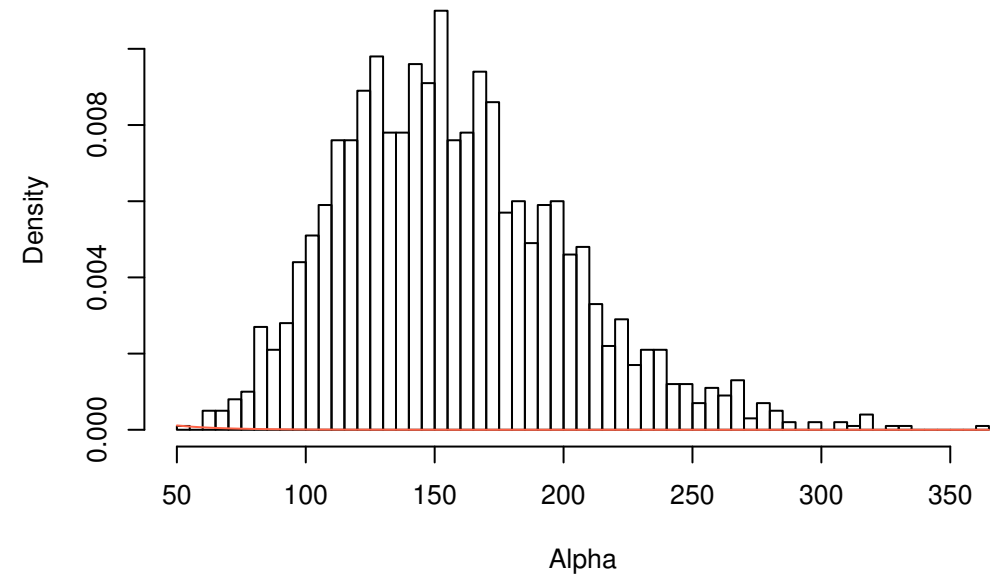




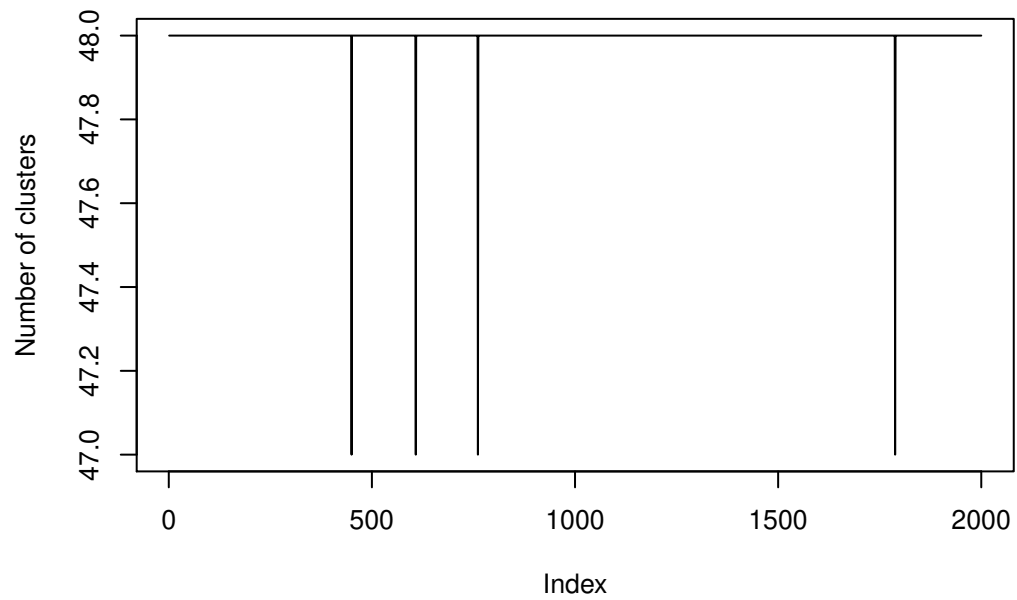
**Traceplot of alpha**



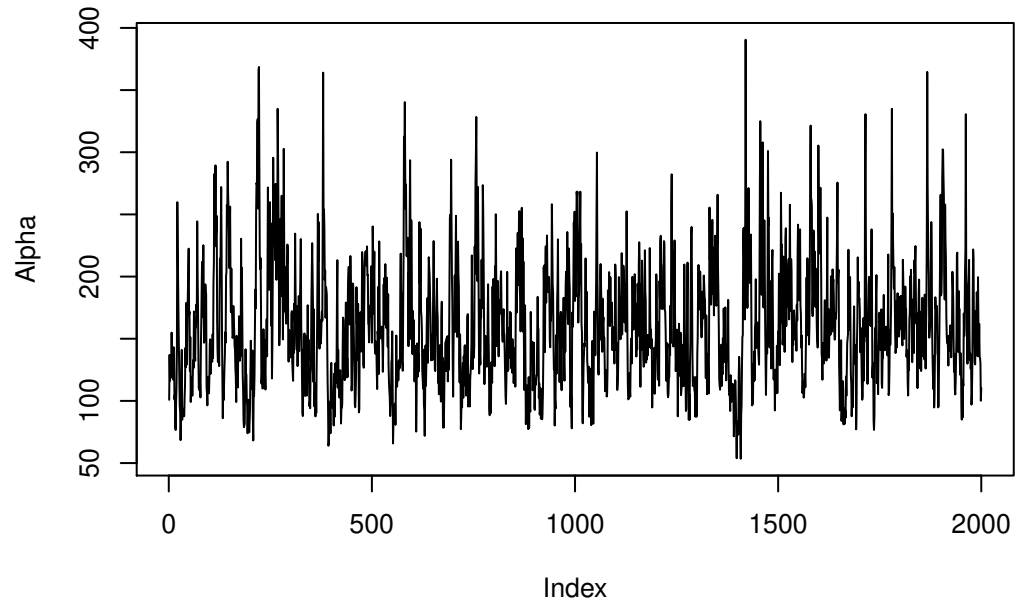
**Prior and posterior of alpha**



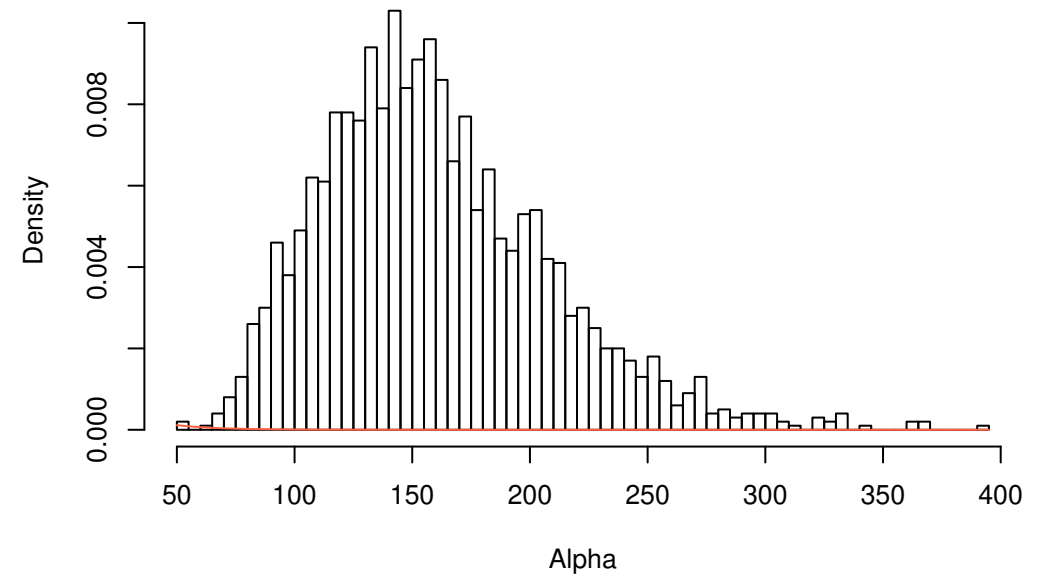
**Traceplot of the number of clusters**



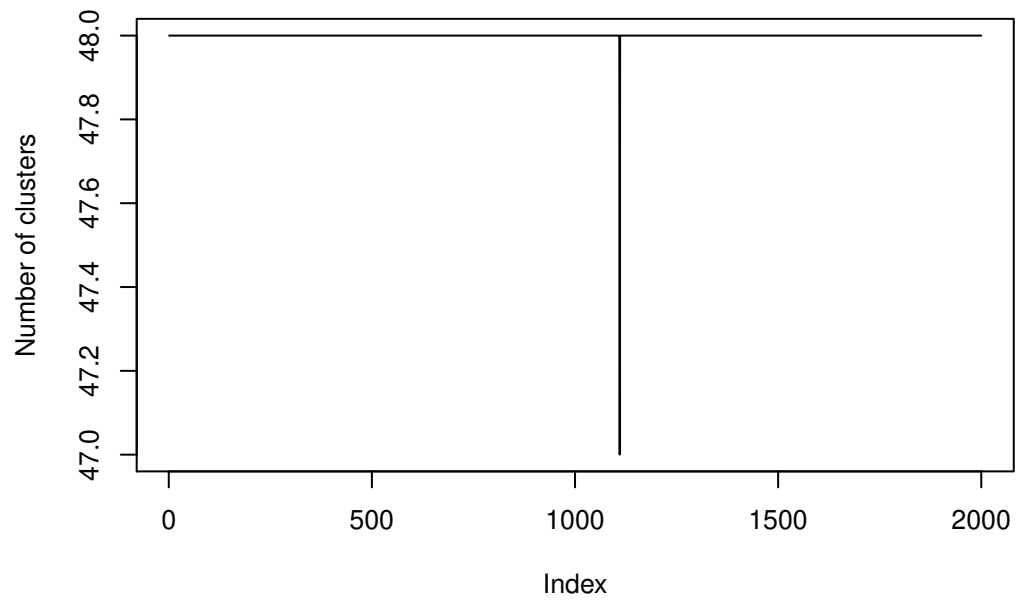
**Traceplot of alpha**



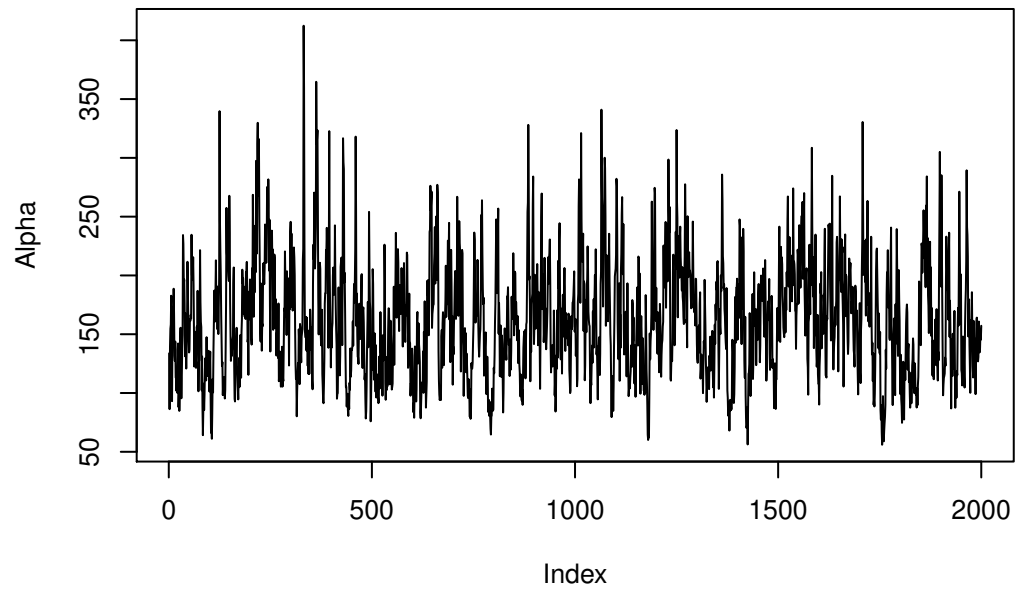
**Prior and posterior of alpha**



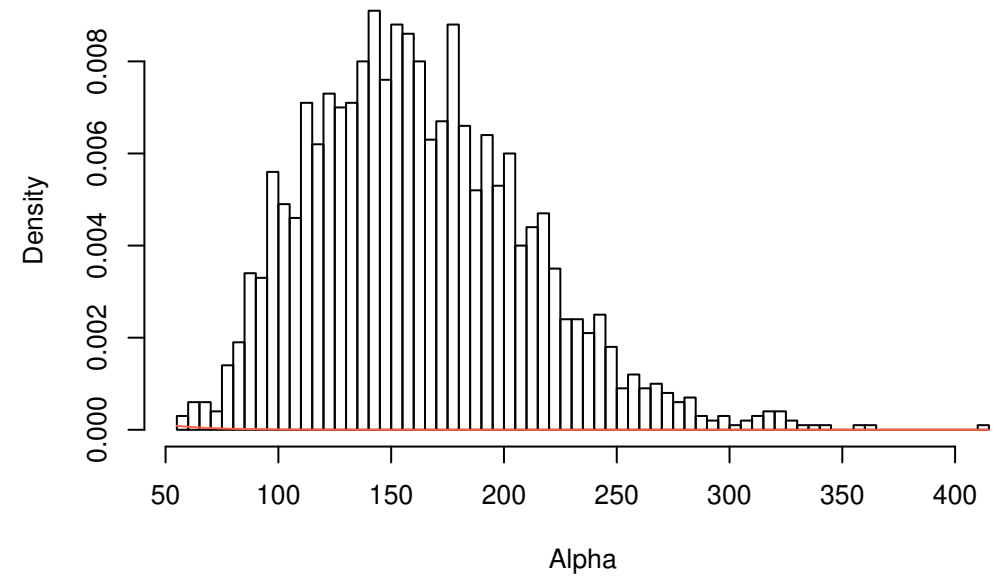
**Traceplot of the number of clusters**



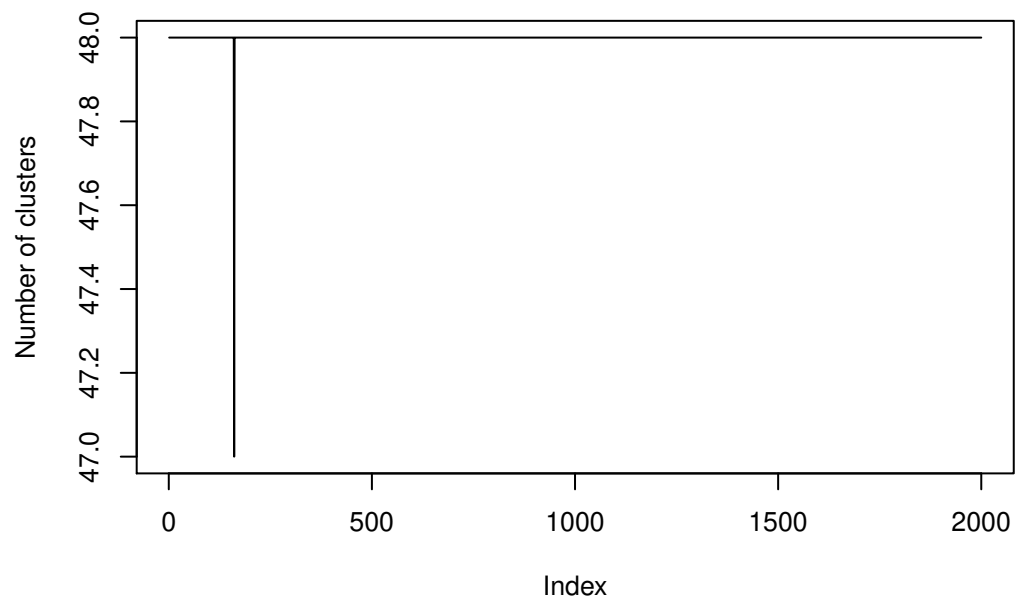
**Traceplot of alpha**



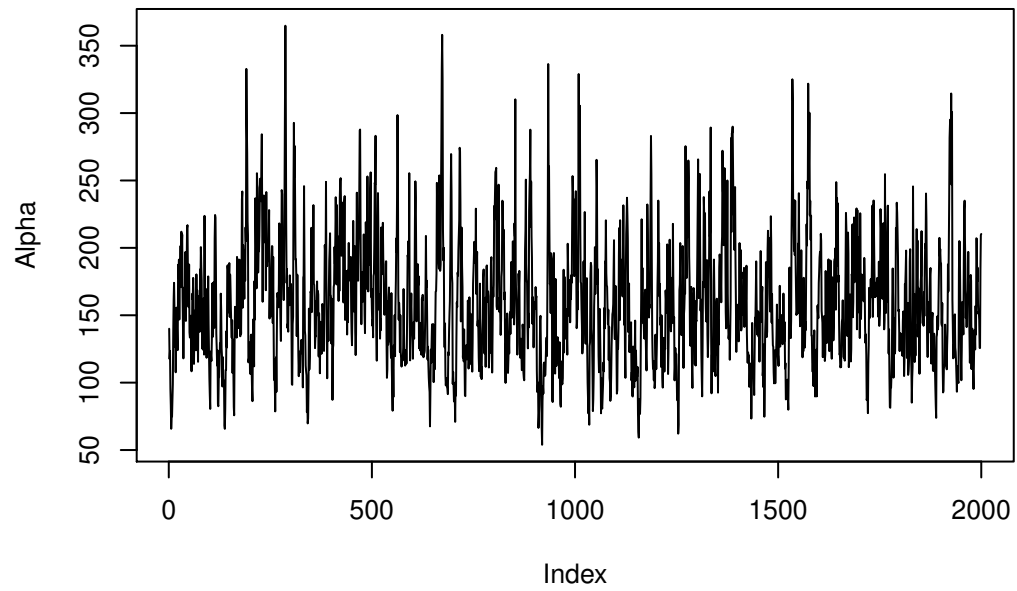
**Prior and posterior of alpha**



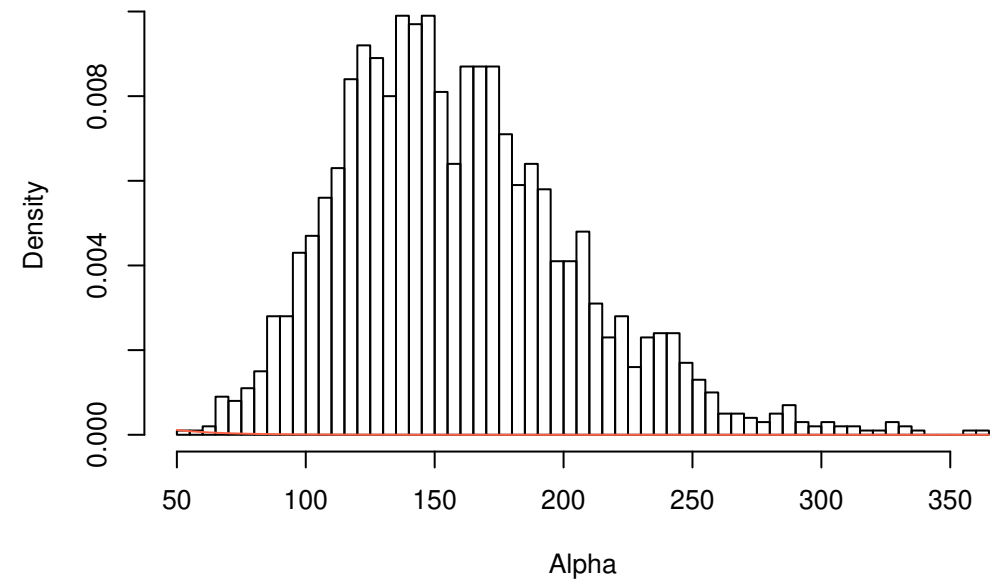
**Traceplot of the number of clusters**



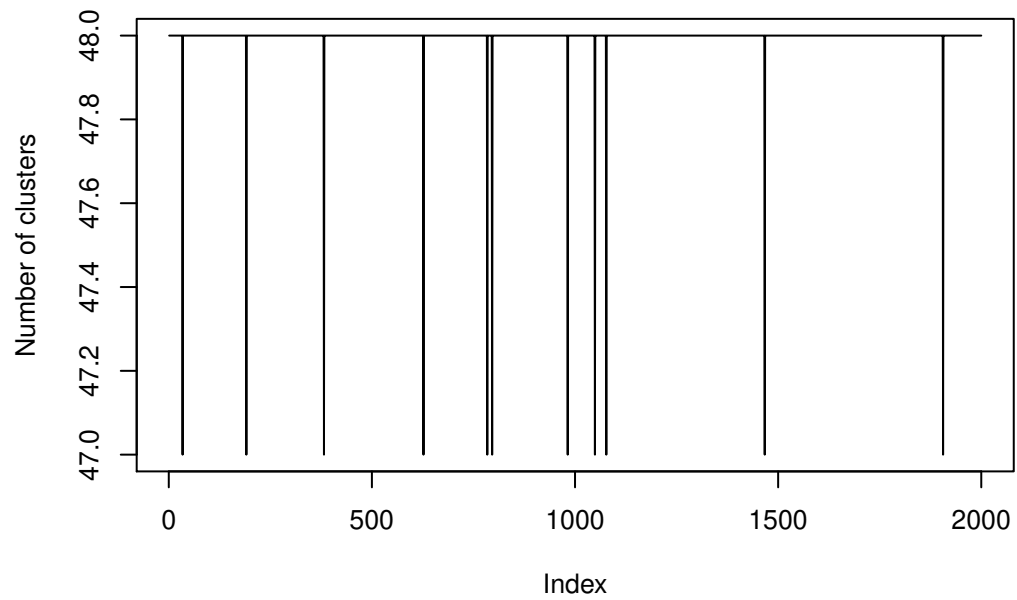
**Traceplot of alpha**



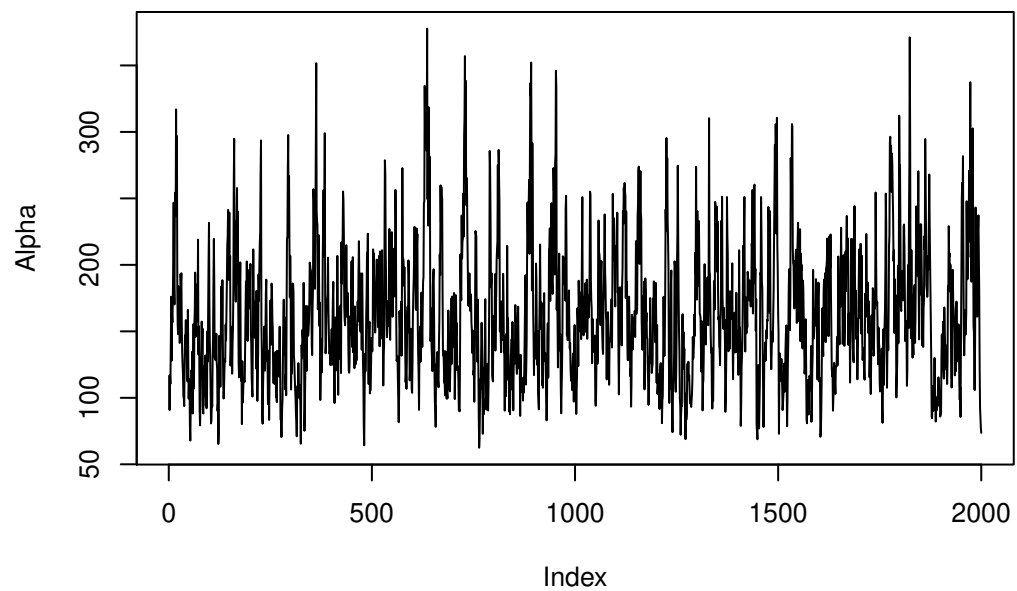
**Prior and posterior of alpha**



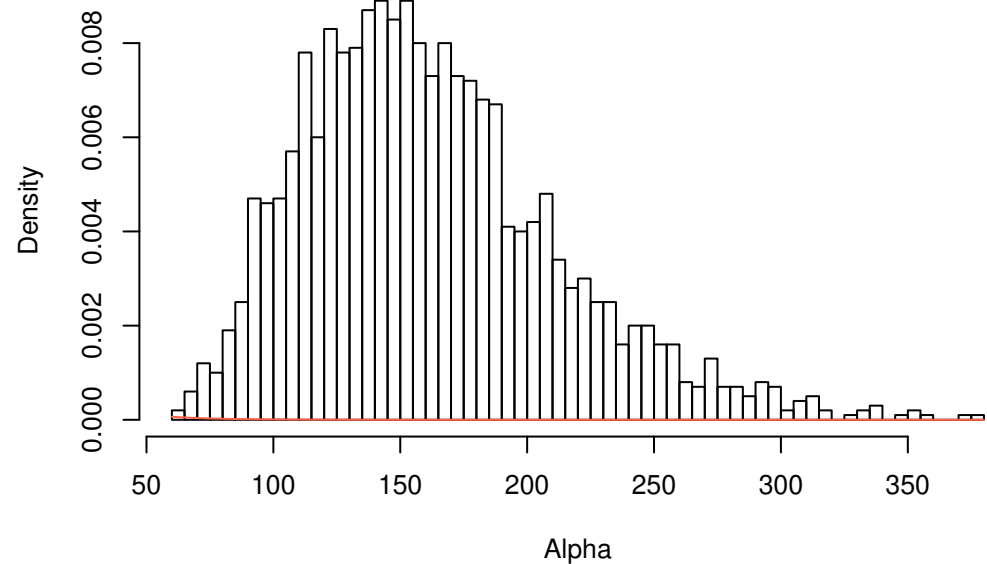
**Traceplot of the number of clusters**



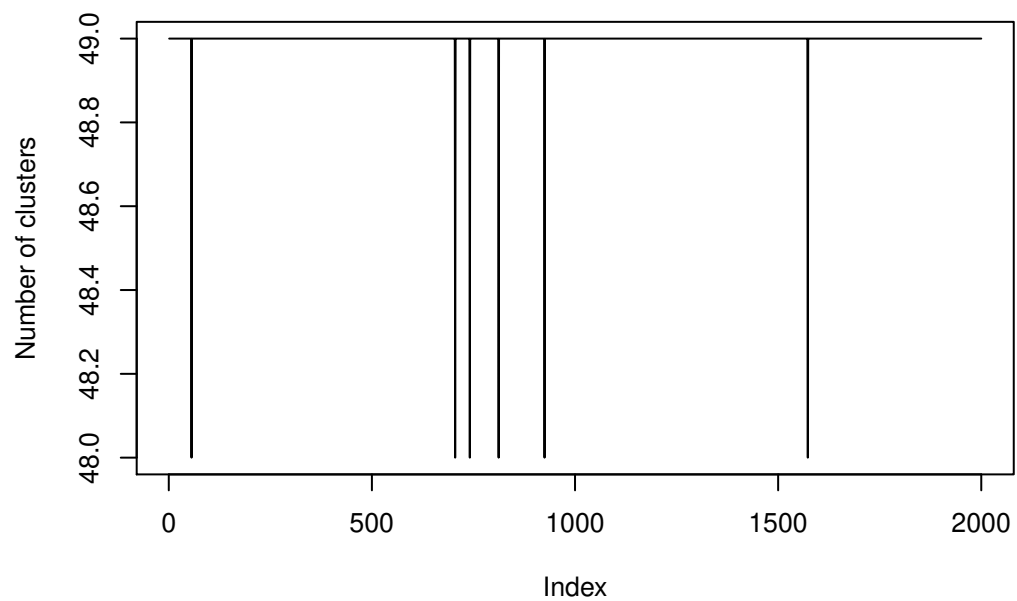
**Traceplot of alpha**



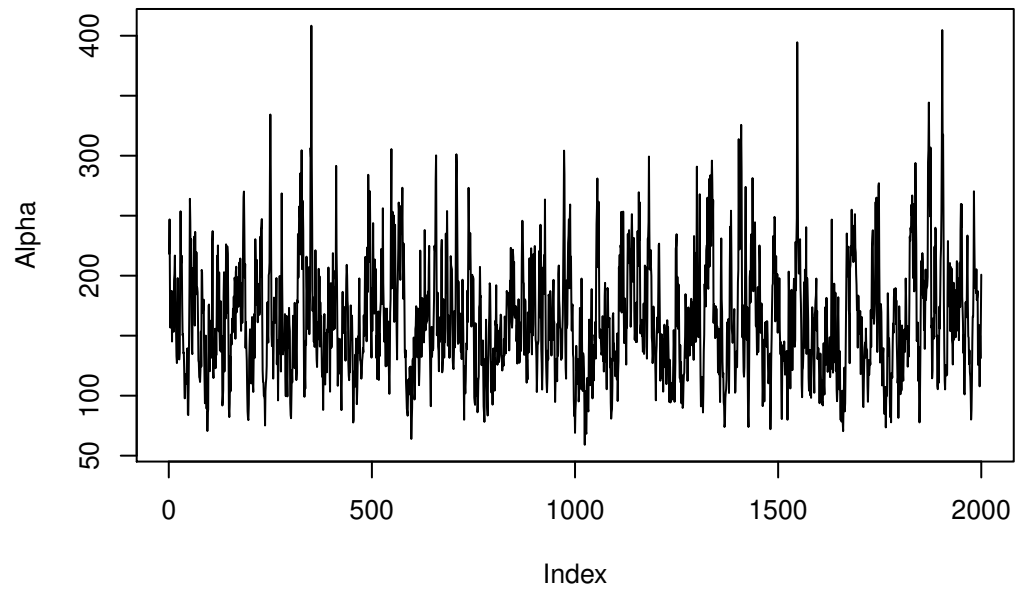
**Prior and posterior of alpha**



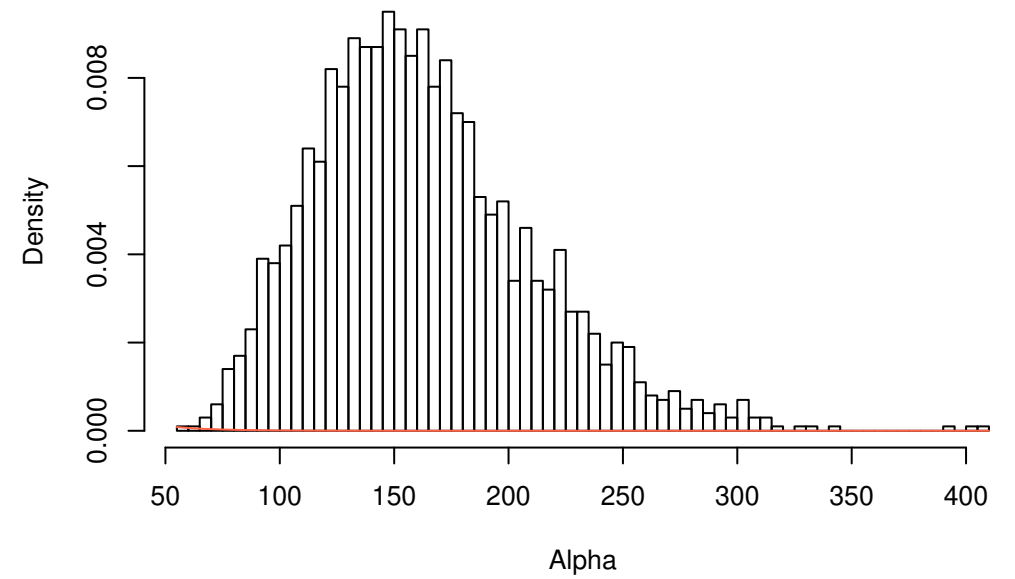
**Traceplot of the number of clusters**



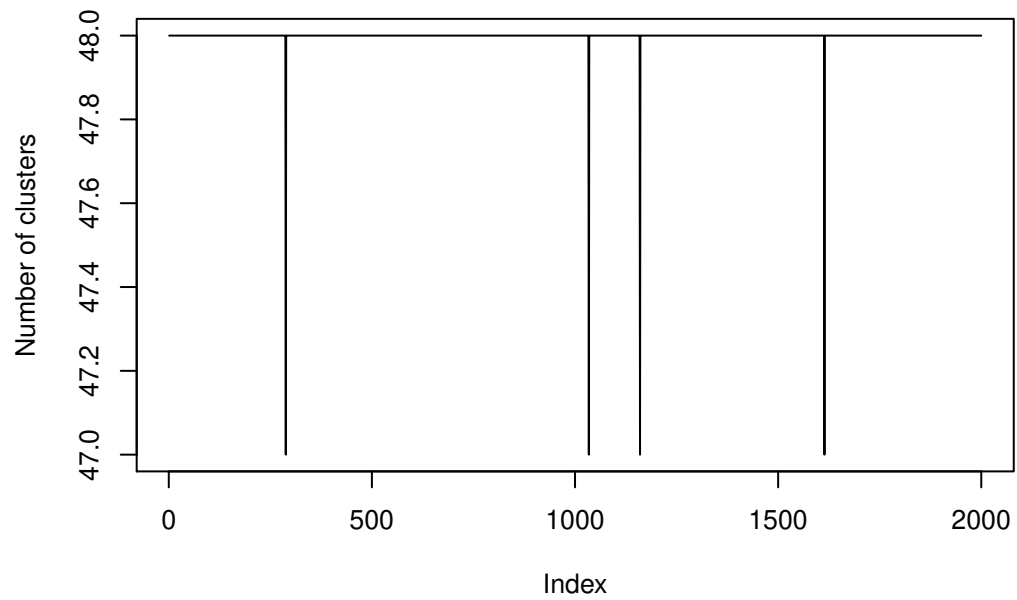
**Traceplot of alpha**



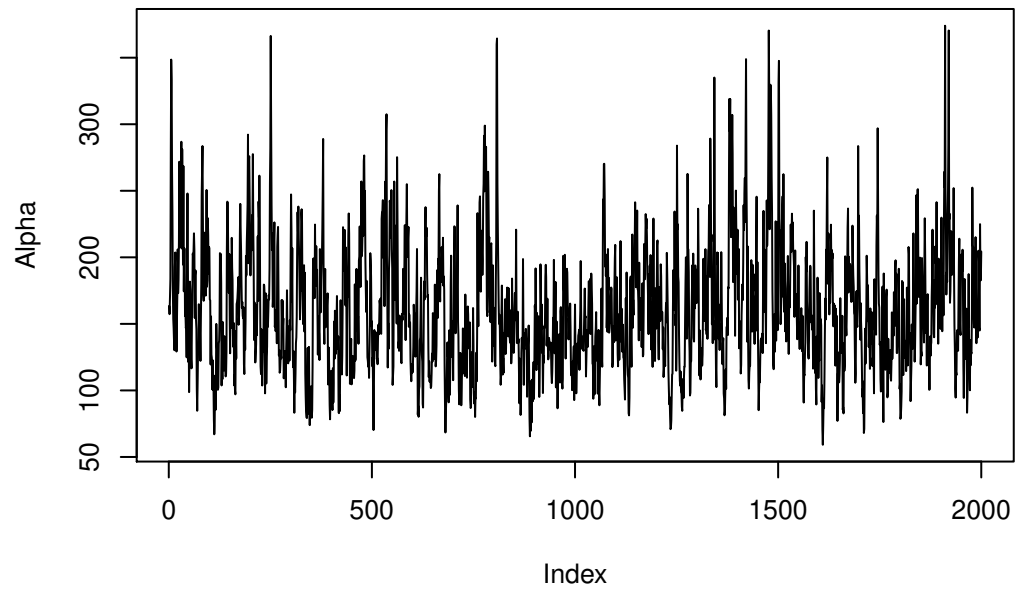
**Prior and posterior of alpha**



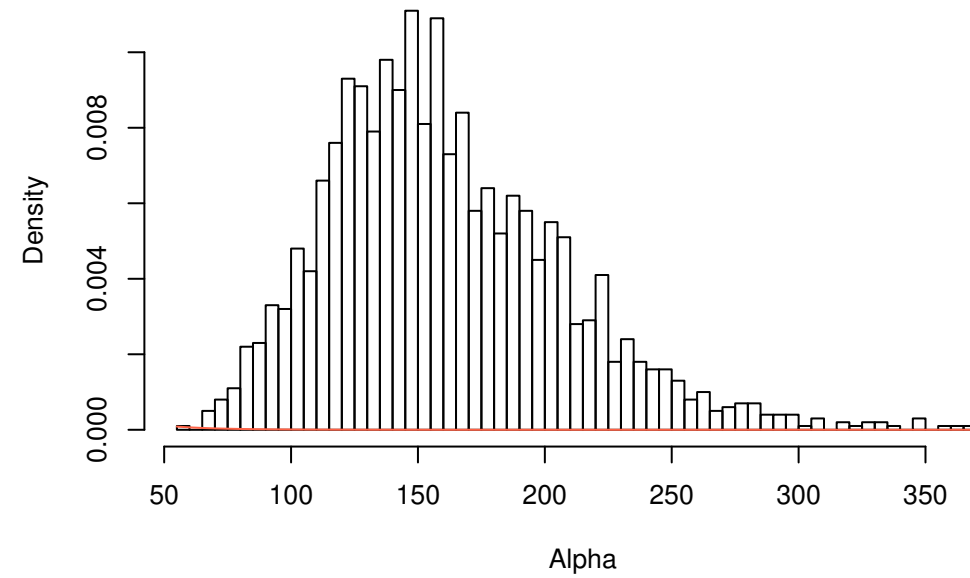
**Traceplot of the number of clusters**



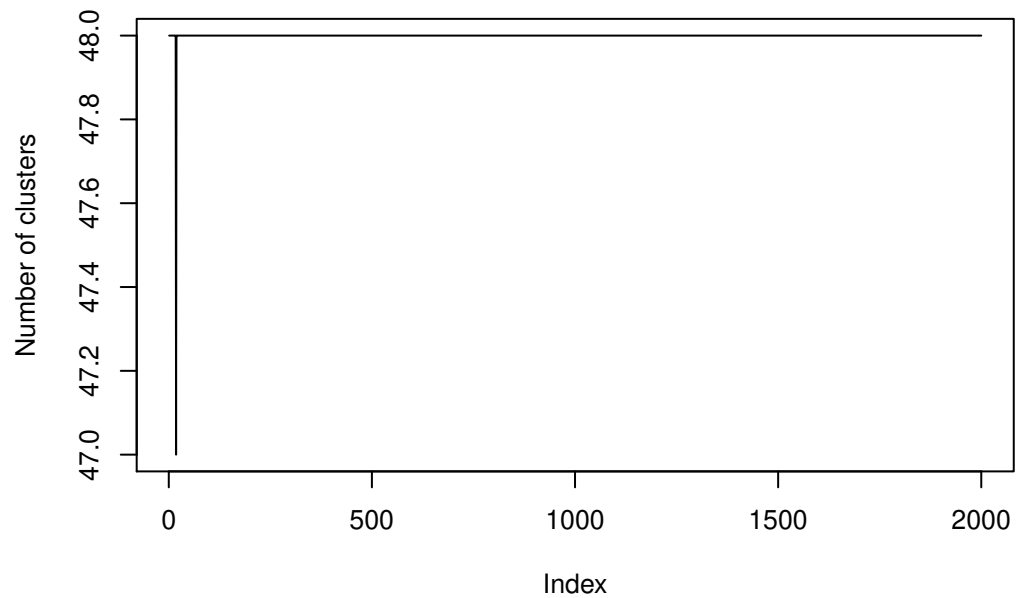
**Traceplot of alpha**



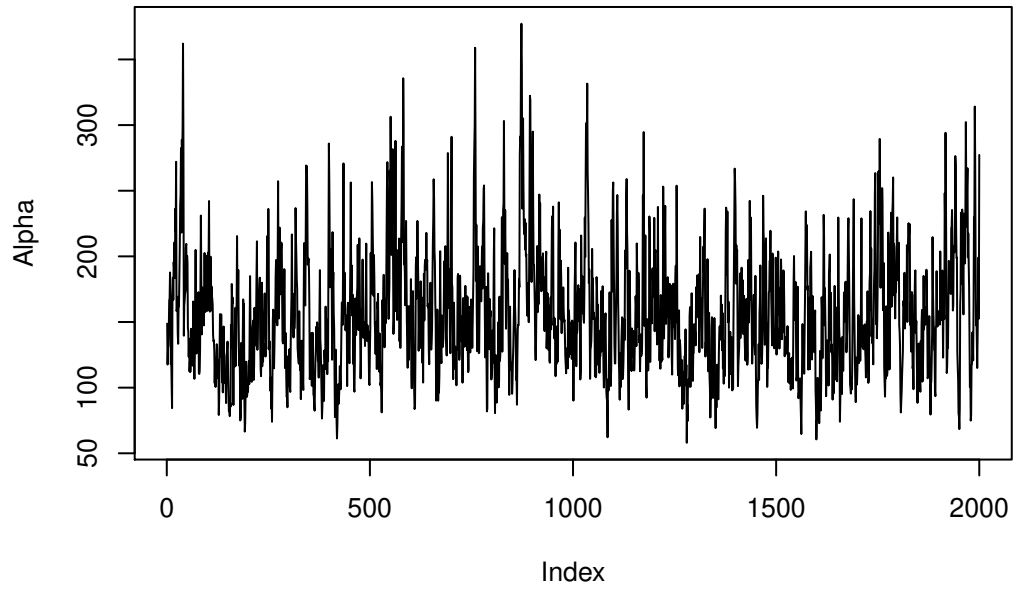
**Prior and posterior of alpha**



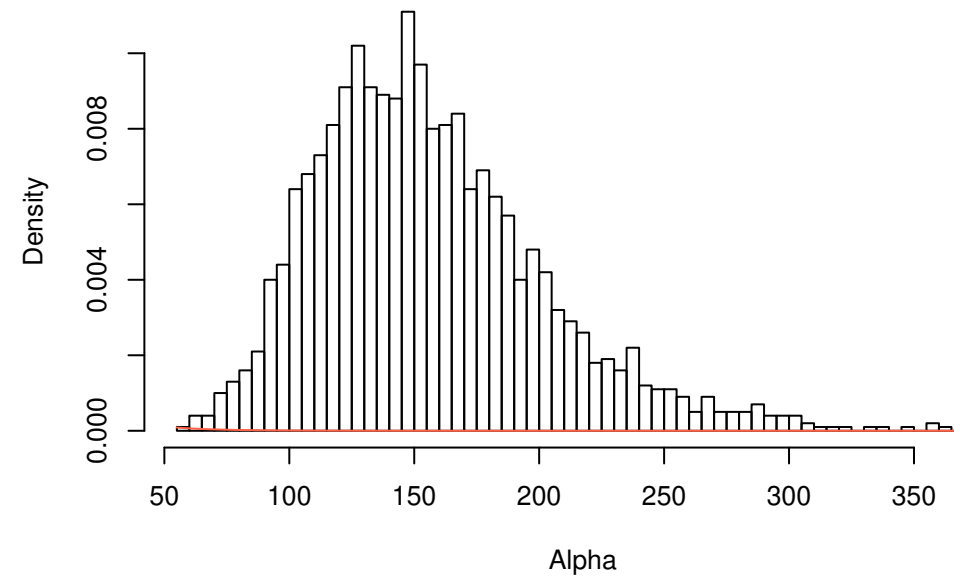
**Traceplot of the number of clusters**



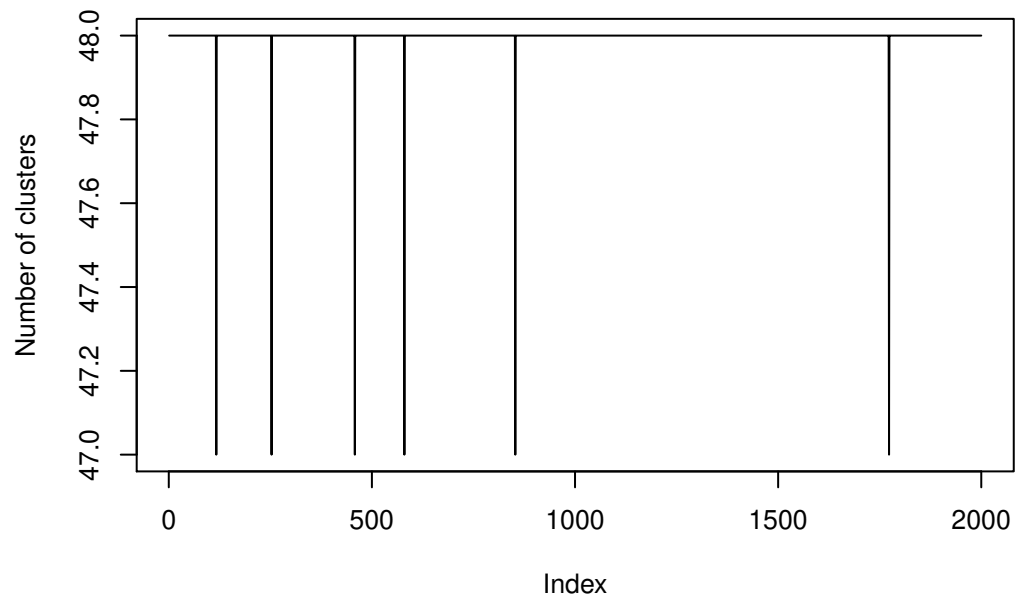
**Traceplot of alpha**



**Prior and posterior of alpha**

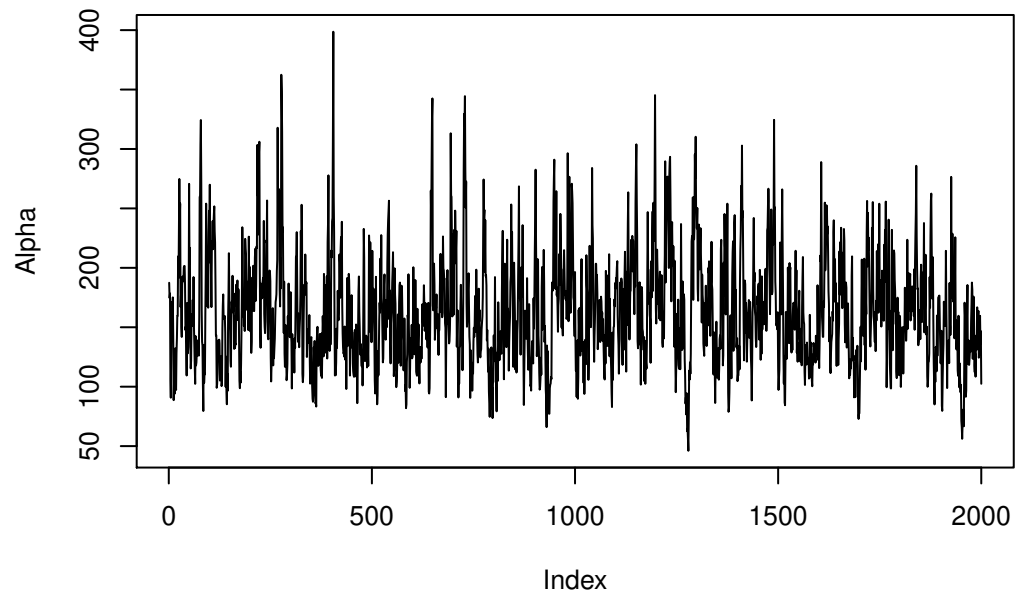


**Traceplot of the number of clusters**

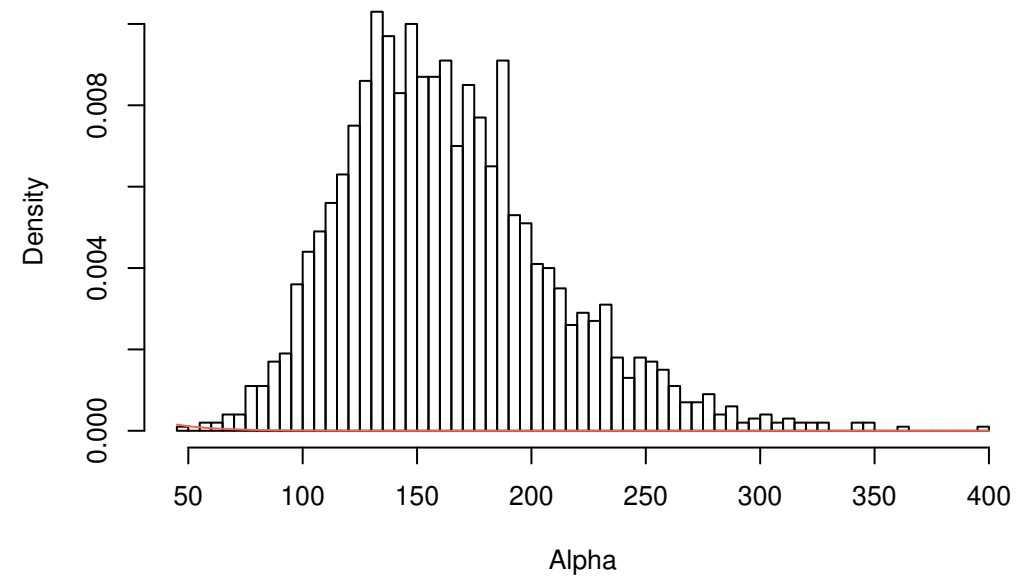




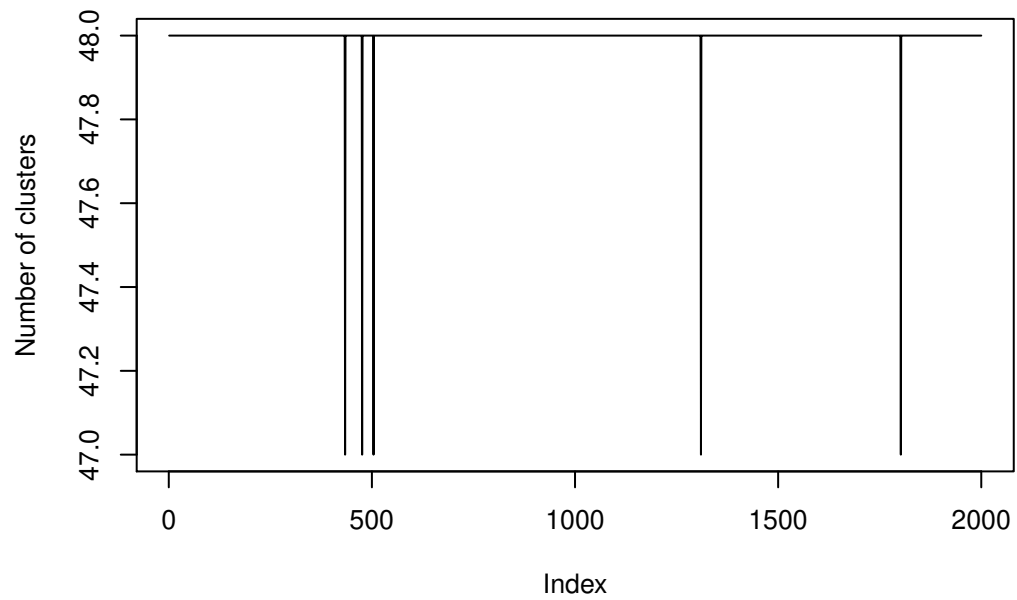
**Traceplot of alpha**



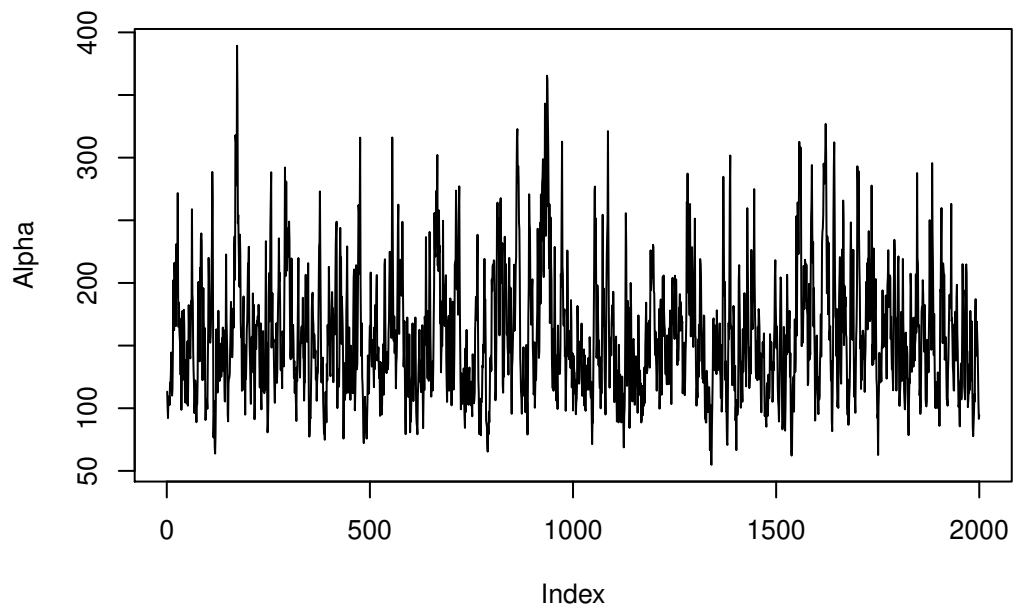
**Prior and posterior of alpha**



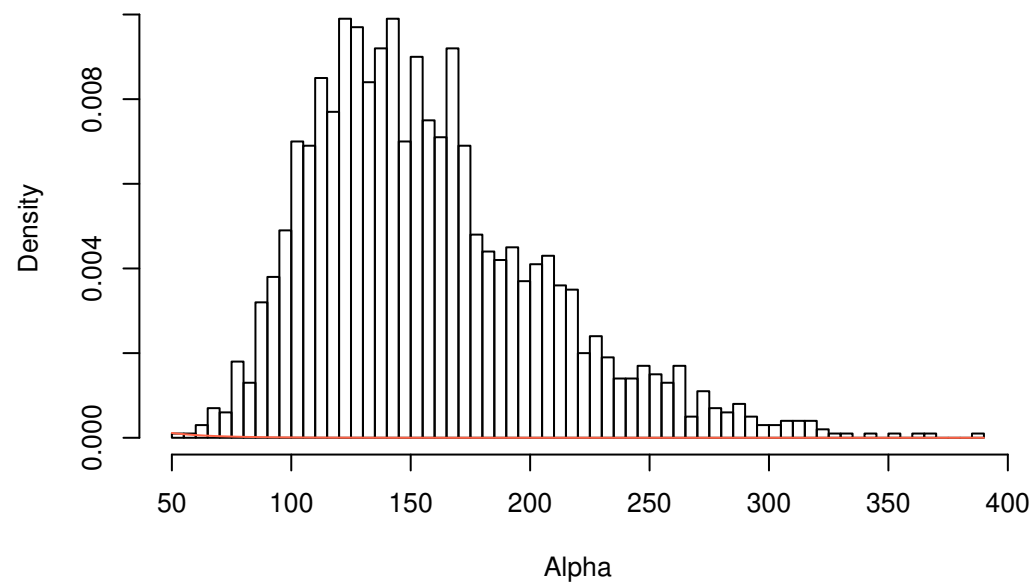
**Traceplot of the number of clusters**



**Traceplot of alpha**



**Prior and posterior of alpha**



**Traceplot of the number of clusters**

