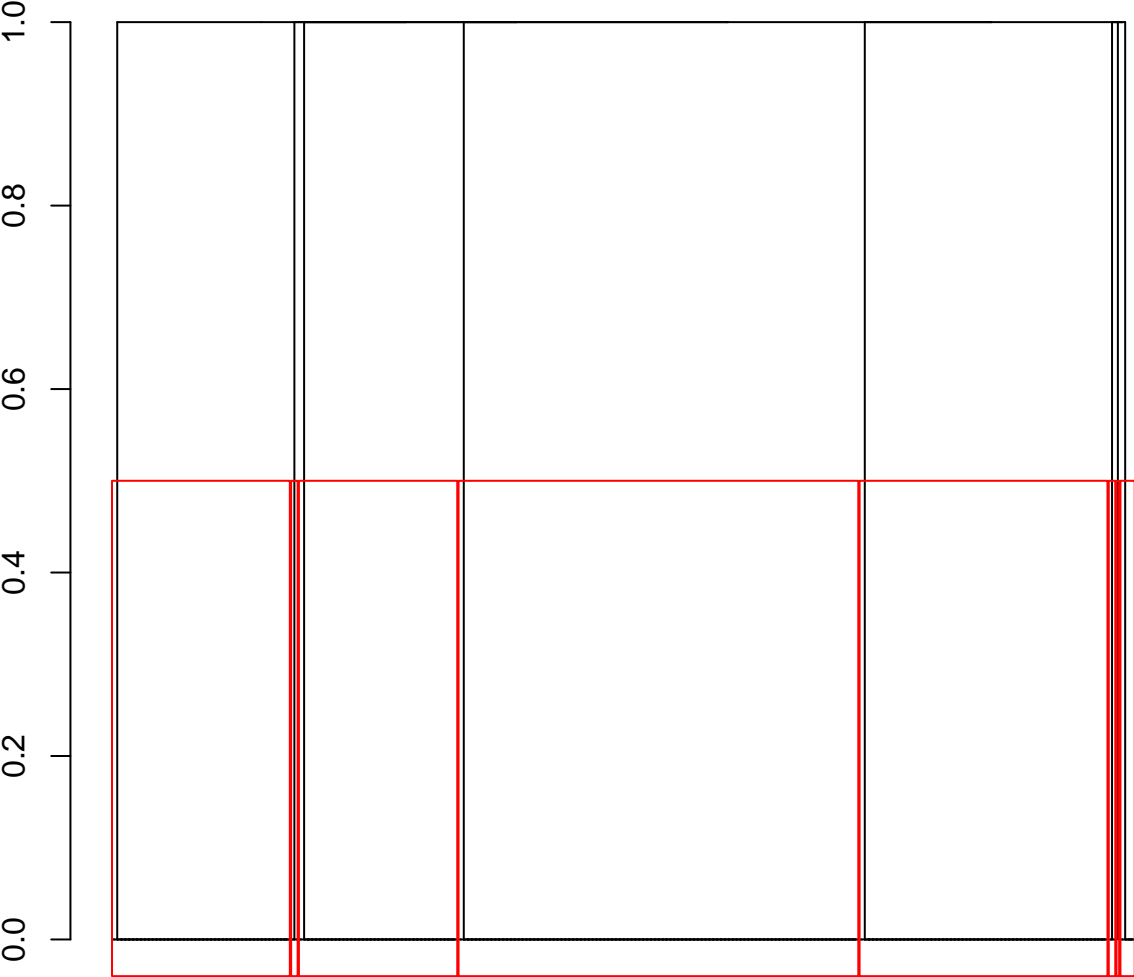
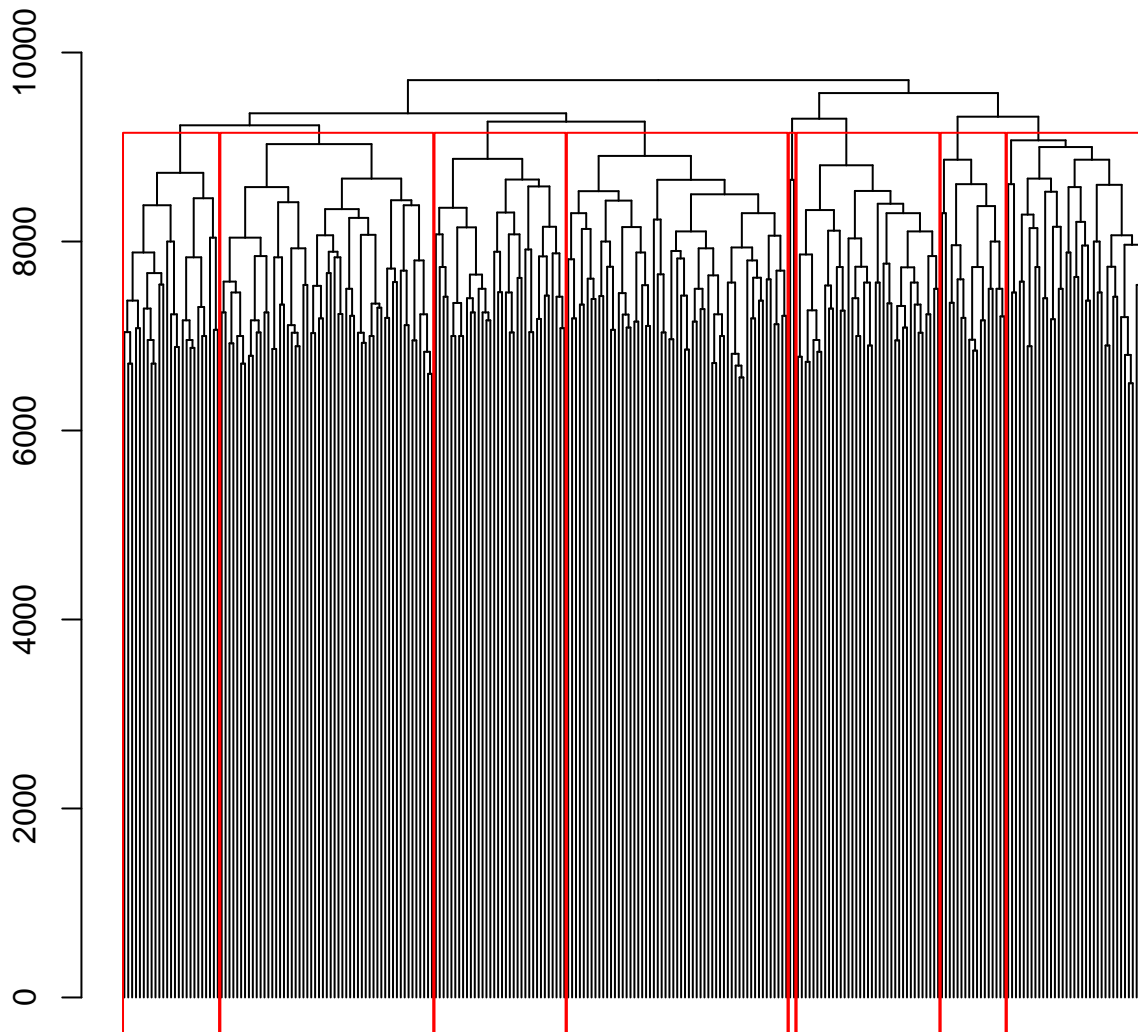


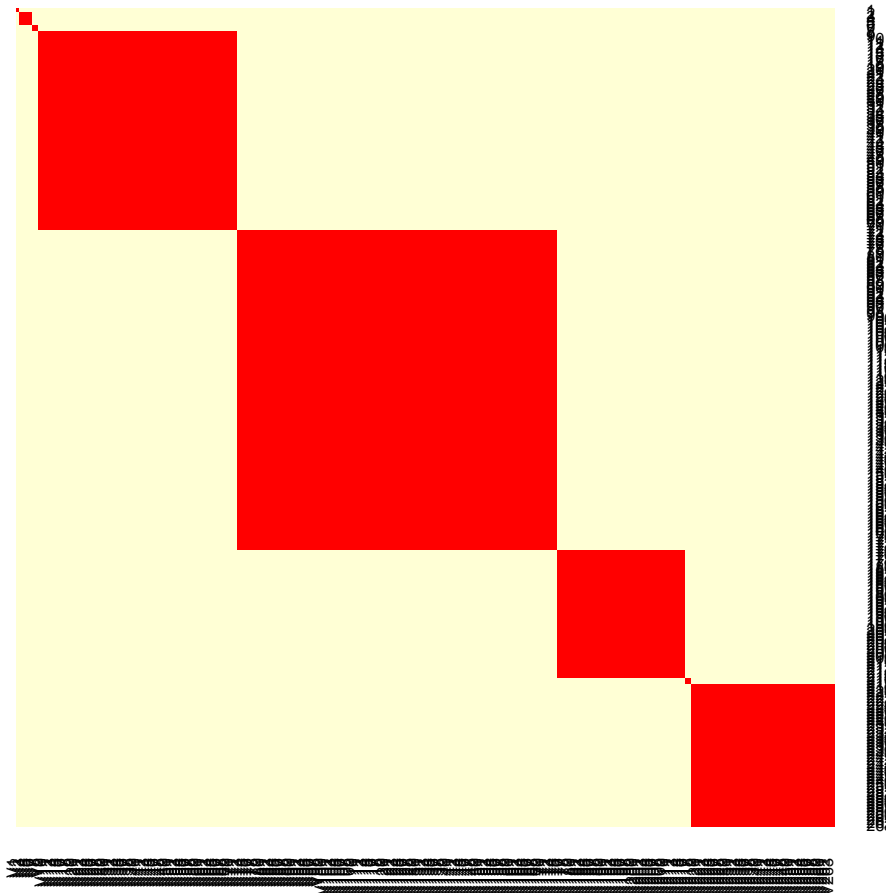
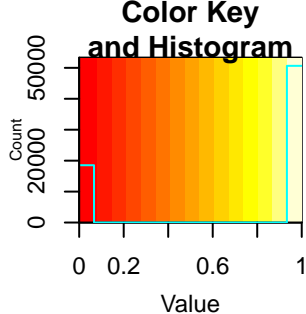
Real distribution dendrogram

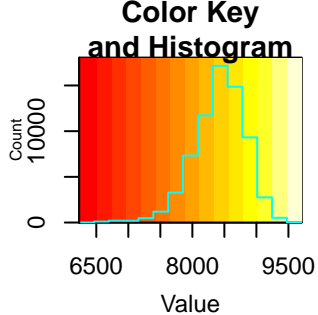


Teoretical distribution dendrogram

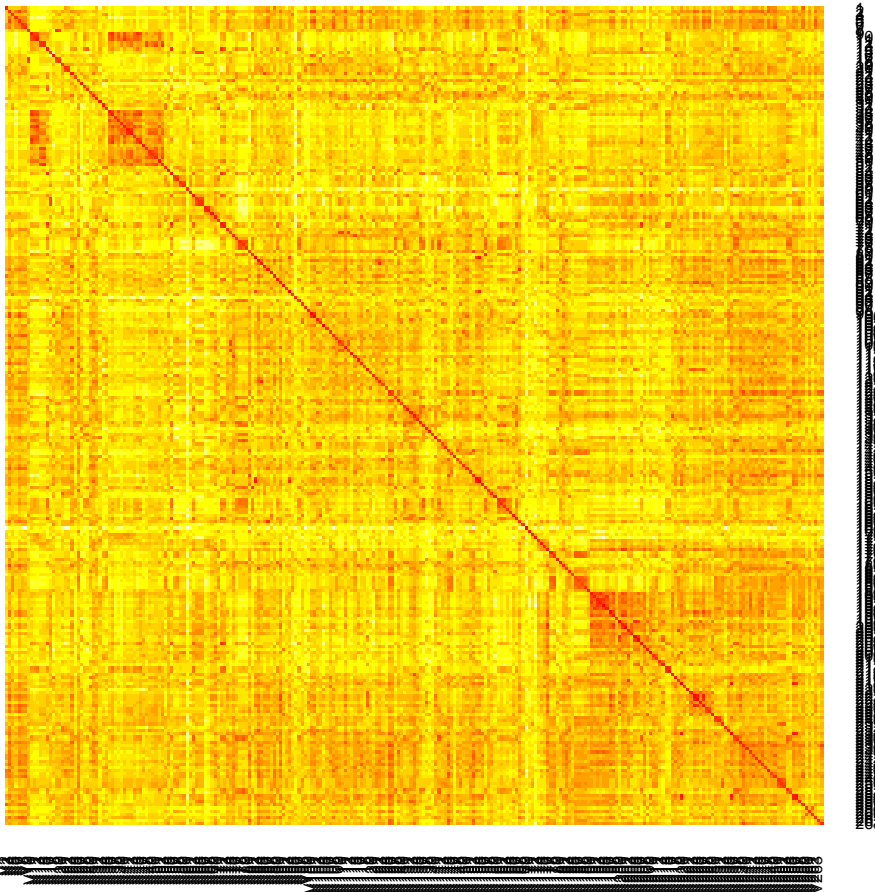


Real clutering heatmap

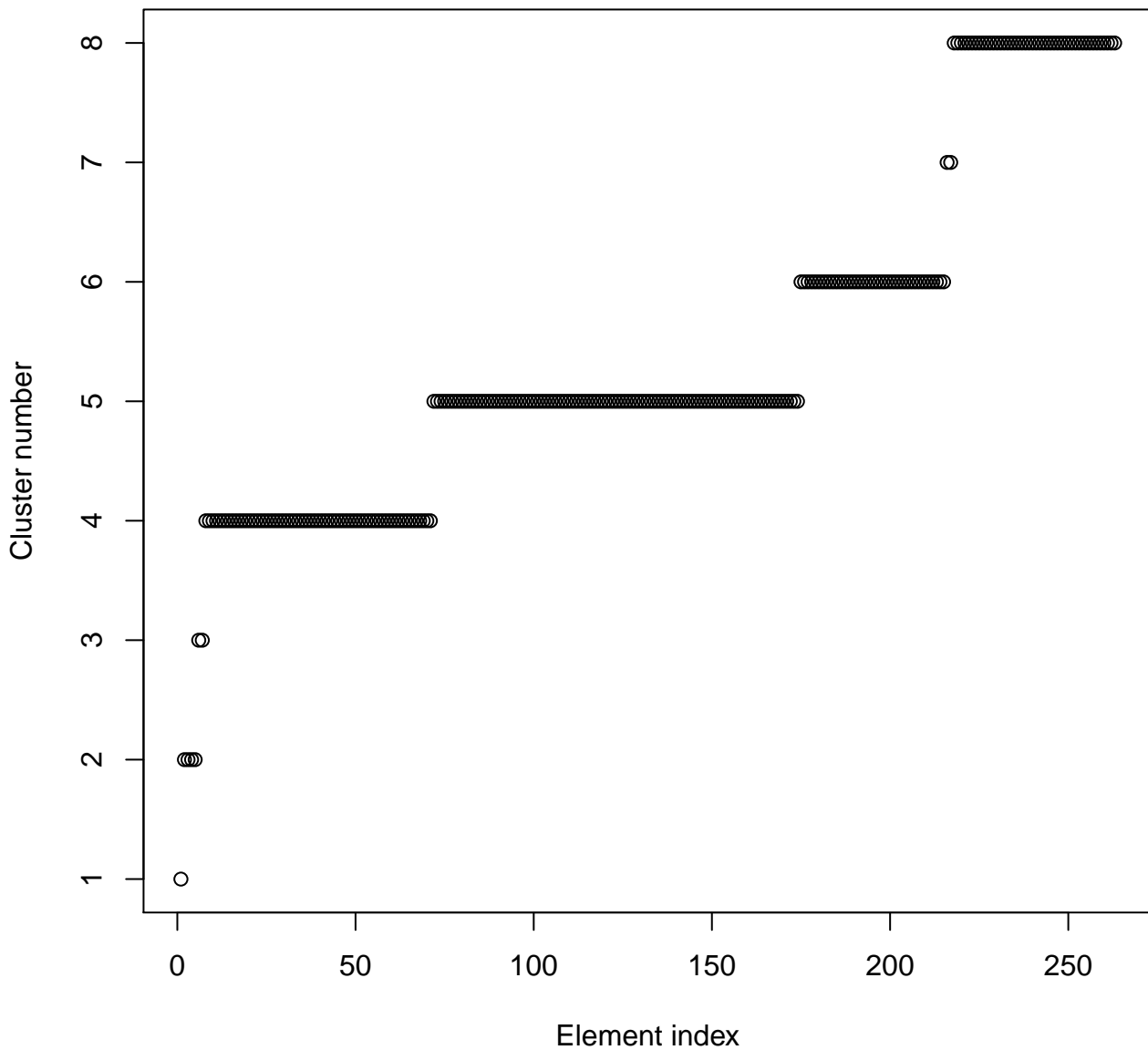




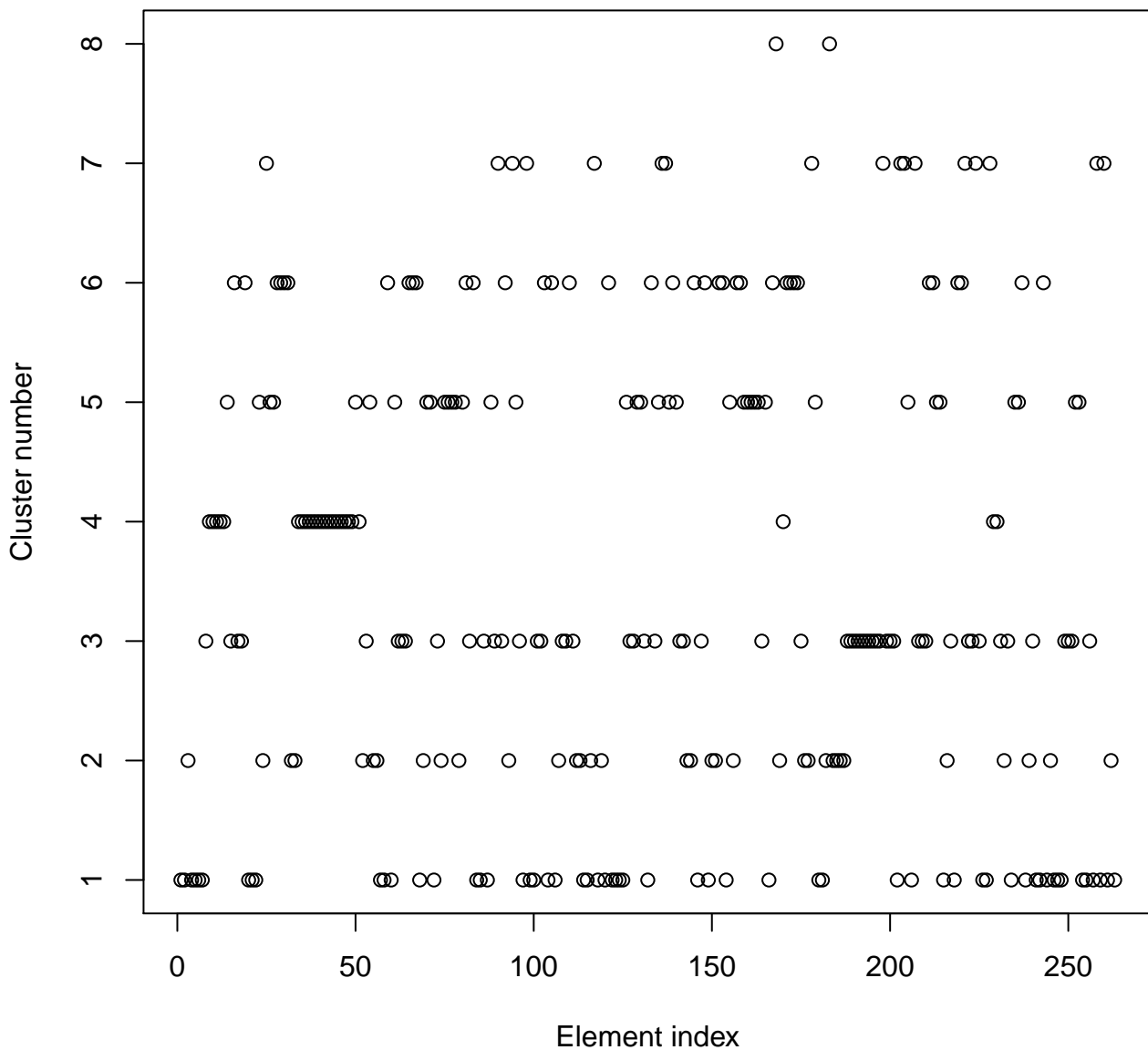
Teoretical clutering heatmap



Real clutering plot

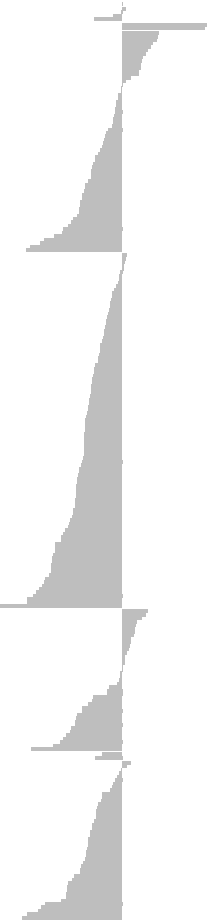


Teoretical clutering plot



Silhouette plot of (x = group1, dist = dist2)

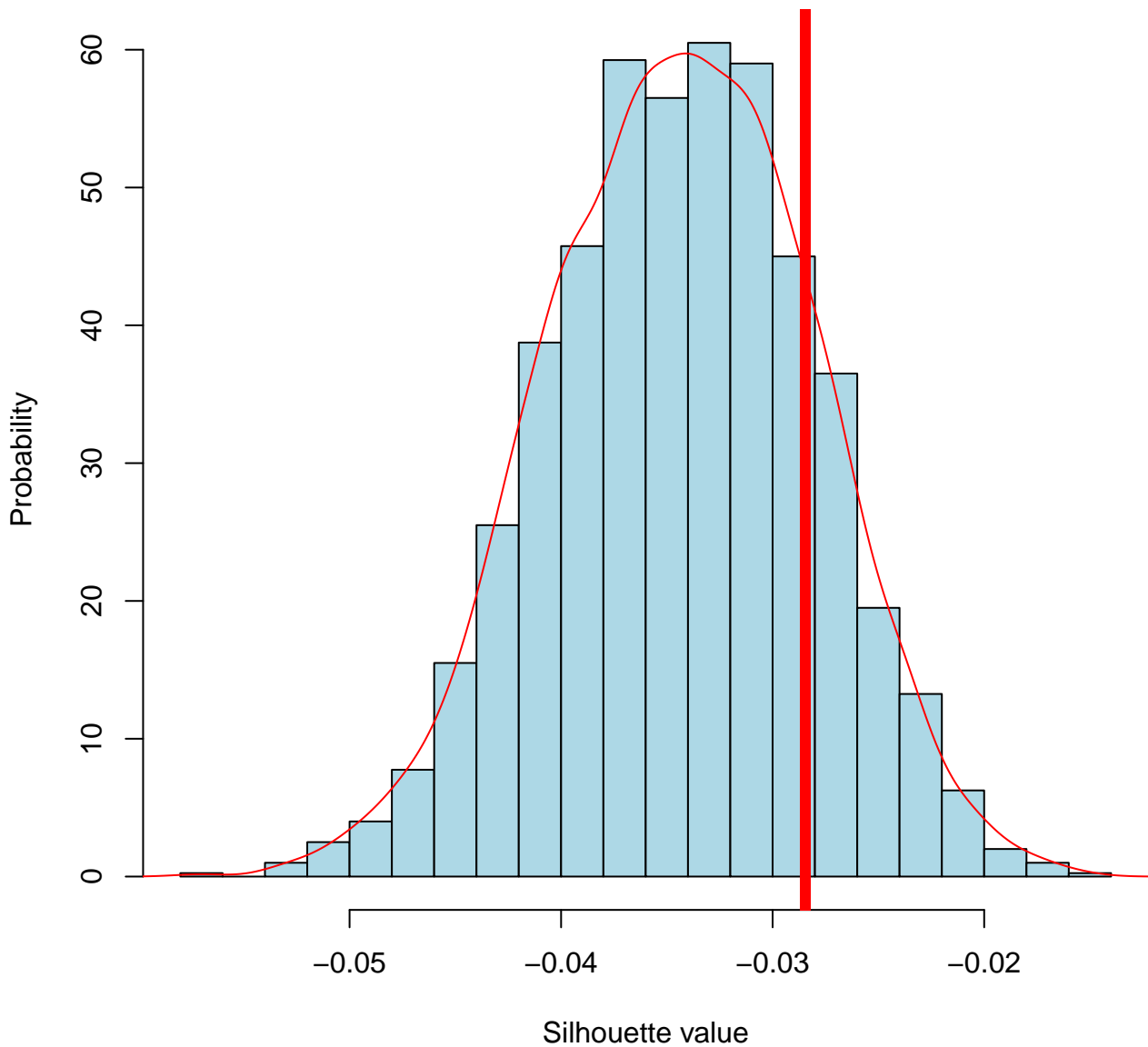
n = 263



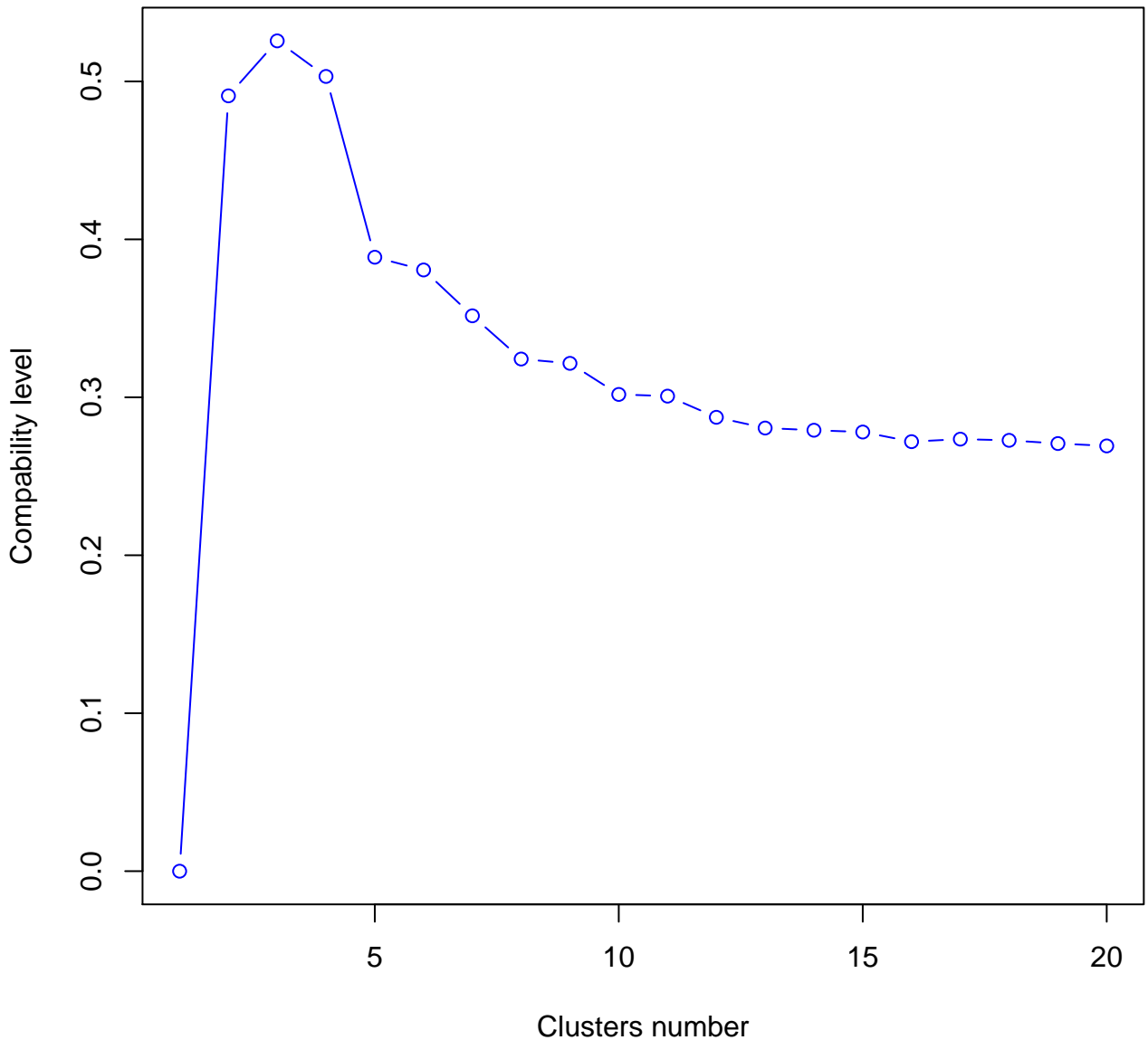
8 clusters C_j
 $j : n_j \mid \text{ave}_{i \in C_j} s_i$
1 : 1 | 0.00
2 : 3 | 0.00
3 : 4 | 0.09
4 : 2 | -0.02
5 : 103 | -0.04
6 : 41 | -0.02
7 : 2 | -0.02
8 : 46 | -0.04

Average silhouette width : -0.03

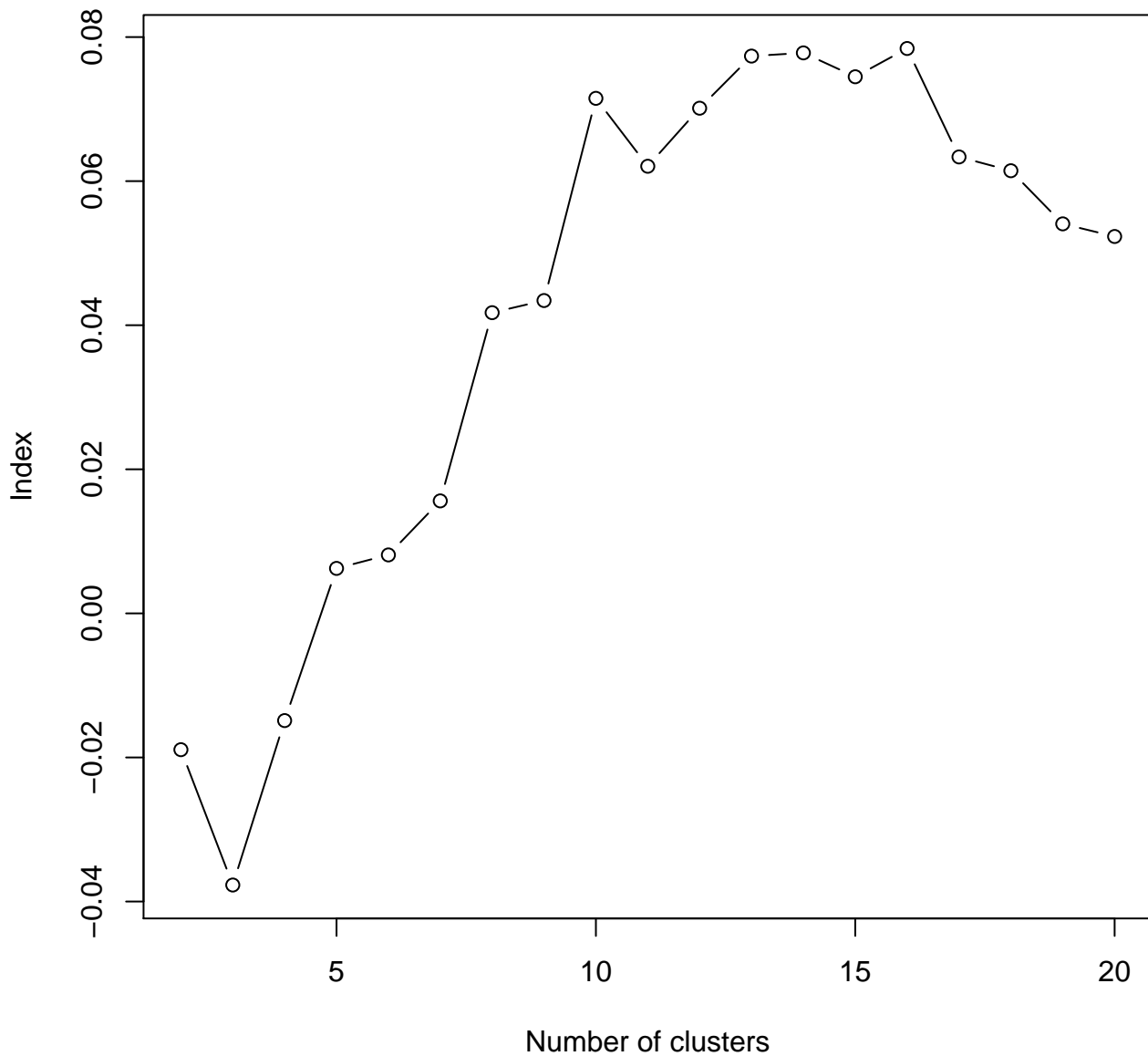
Silhouette distribution while shuffling and the real one



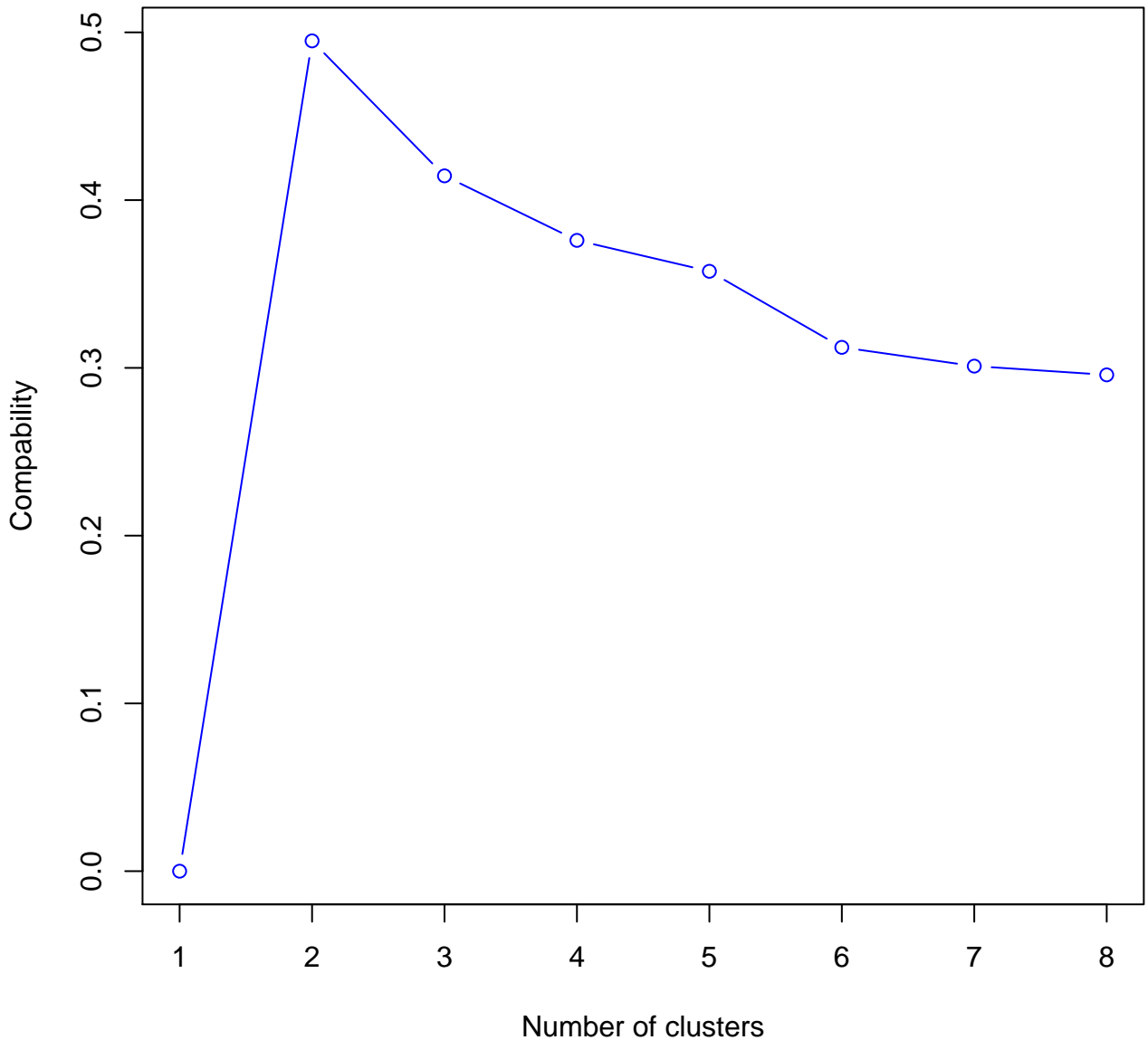
**Correlation between compability of real and
teoretical clustering and clusters number
using histogram clustering**



Corrected RAND index for histogram clustering



**Correlation between compability of real data and
teoretical clustering and clusters number
using kmeans clustering**



Corrected RAND index for kmeans clustering

