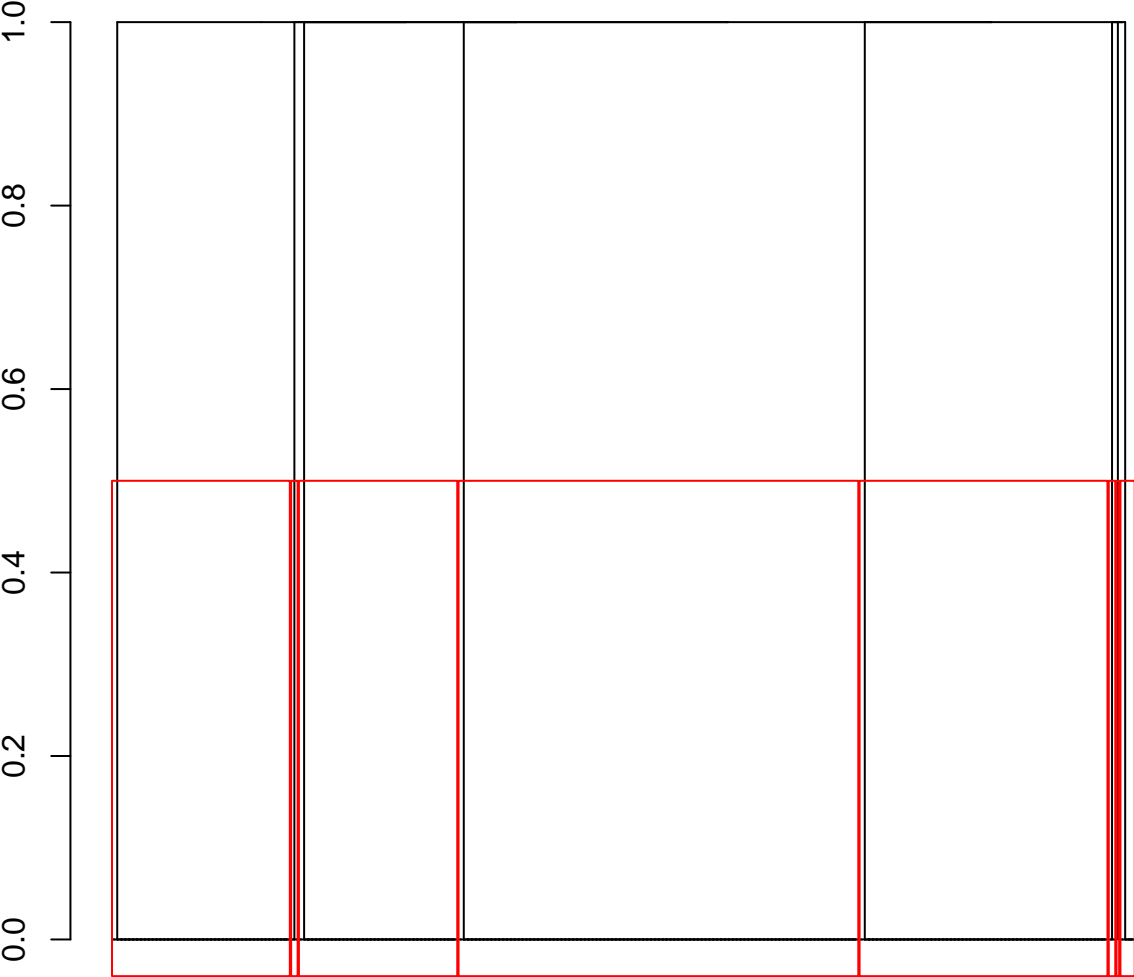
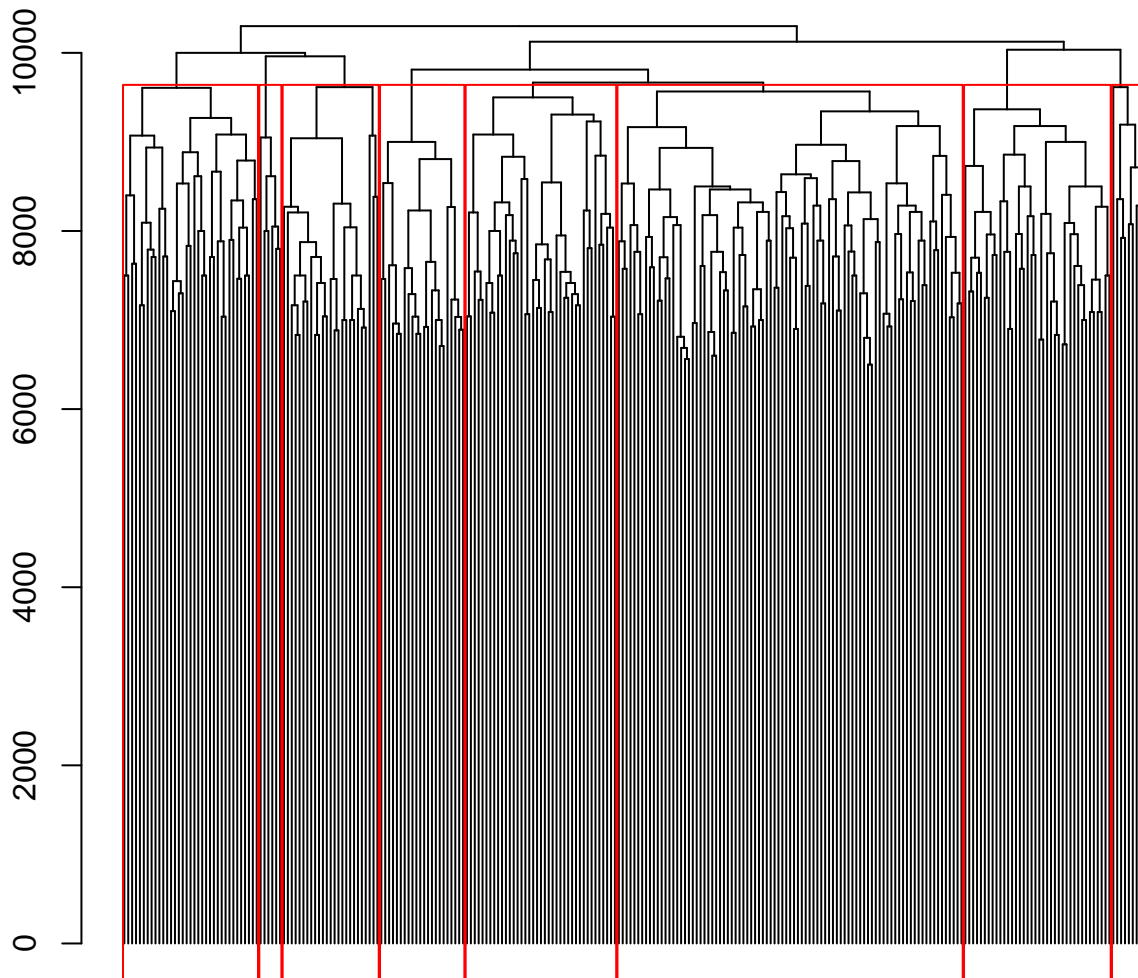


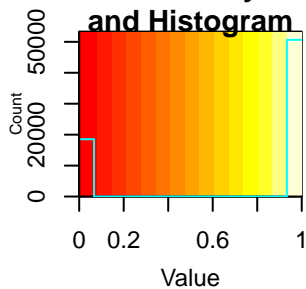
Real distribution dendrogram



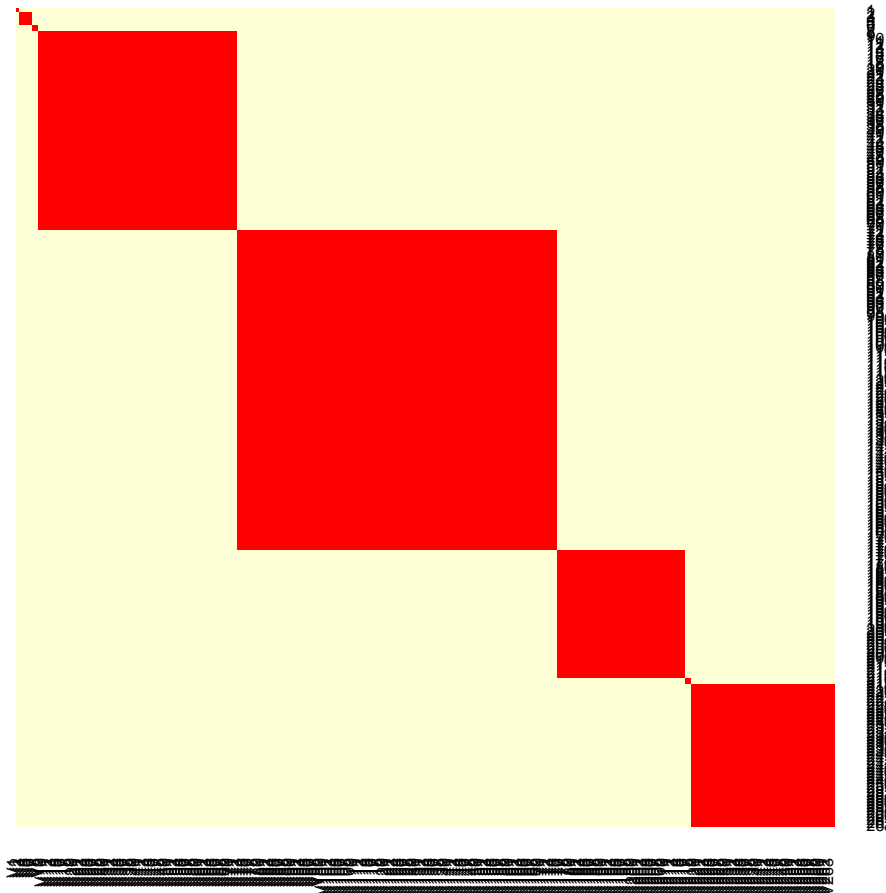
# Teoretical distribution dendrogram



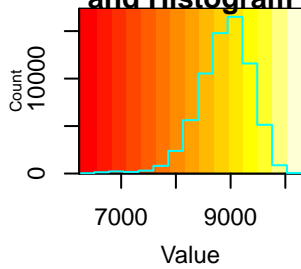
## and Histogram



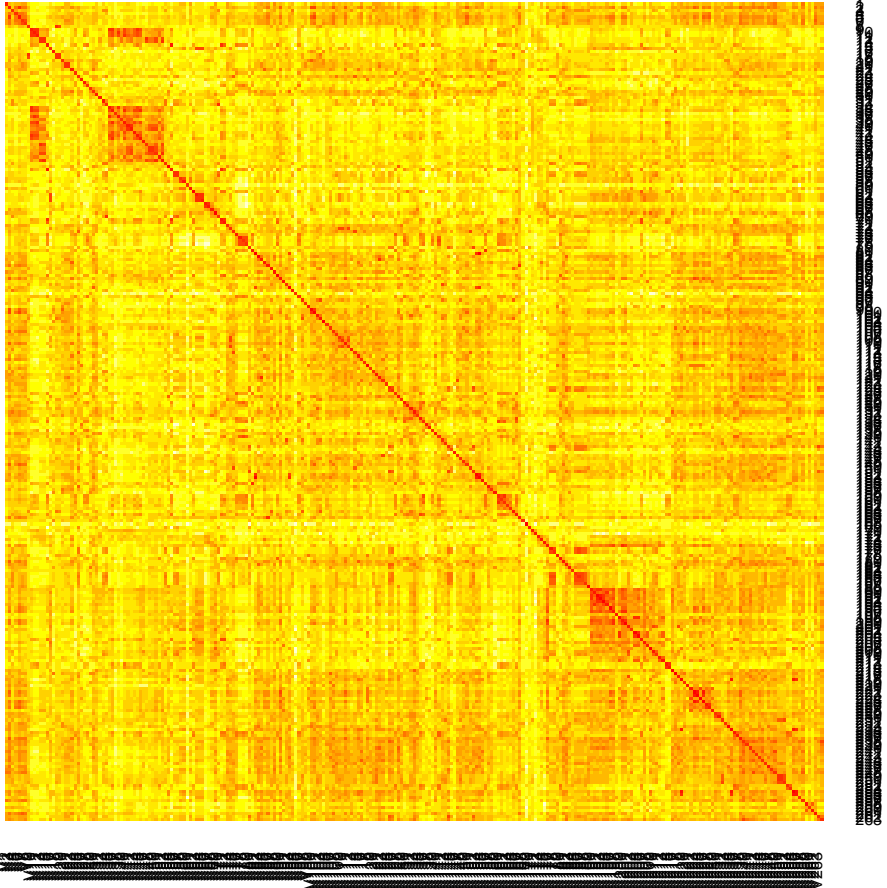
## Real cluterling heatmap



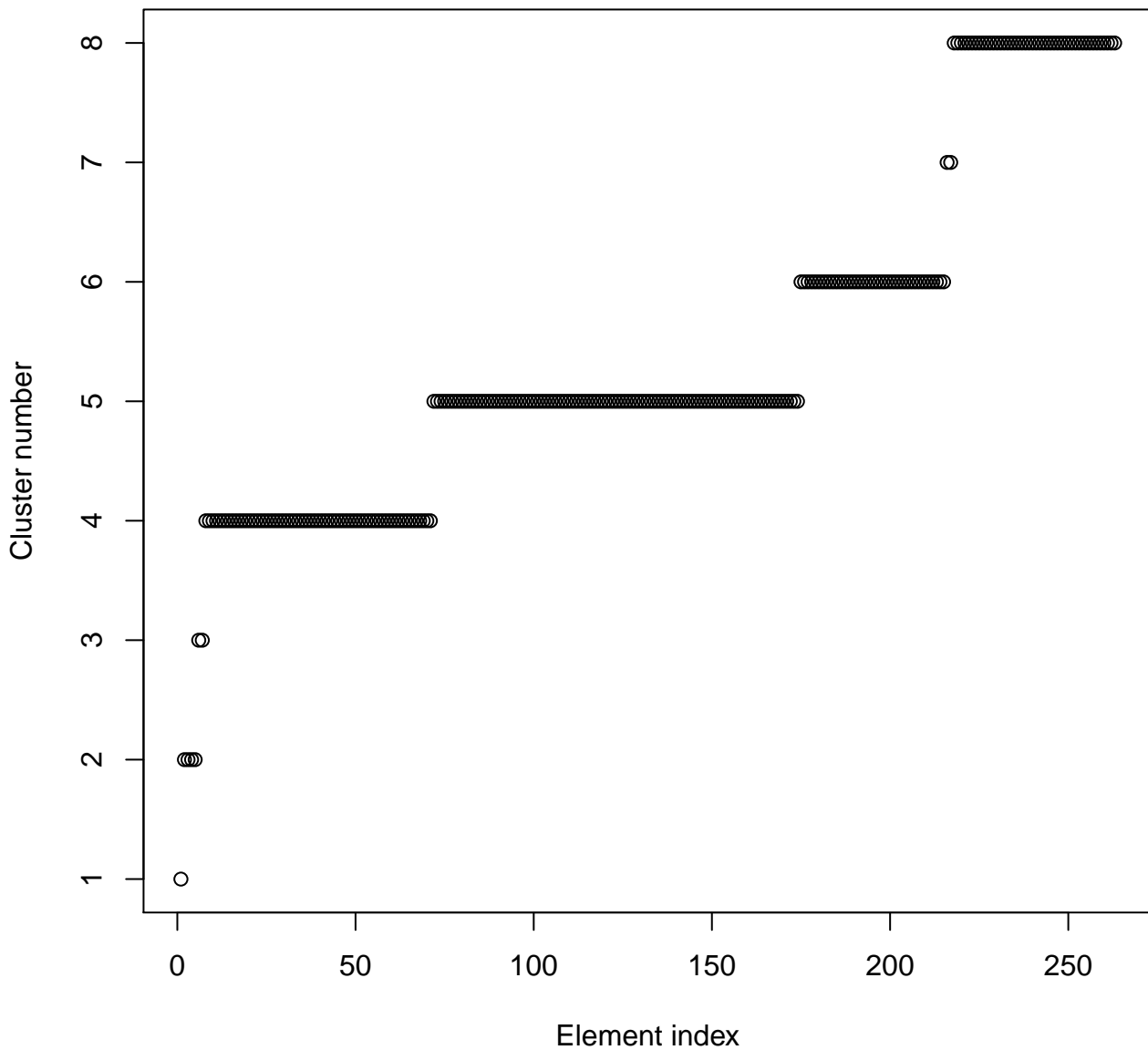
Color Key  
and Histogram



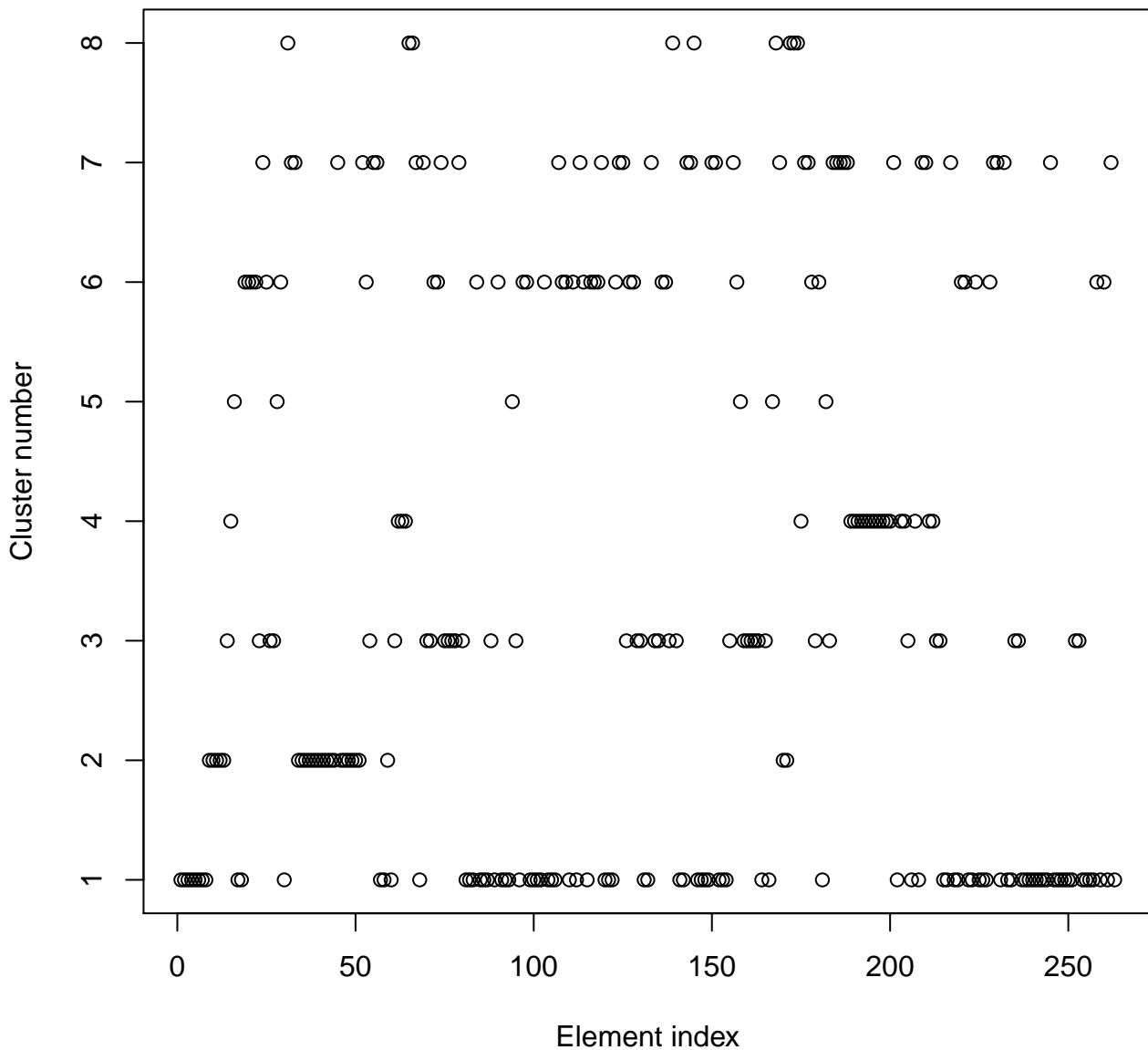
Teoretical clutering heatmap



Real clutering plot

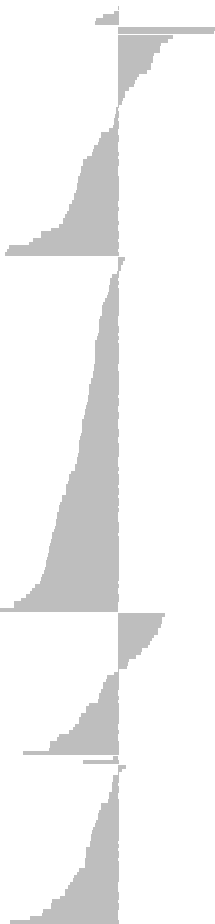


**Teoretical cluterling plot**



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

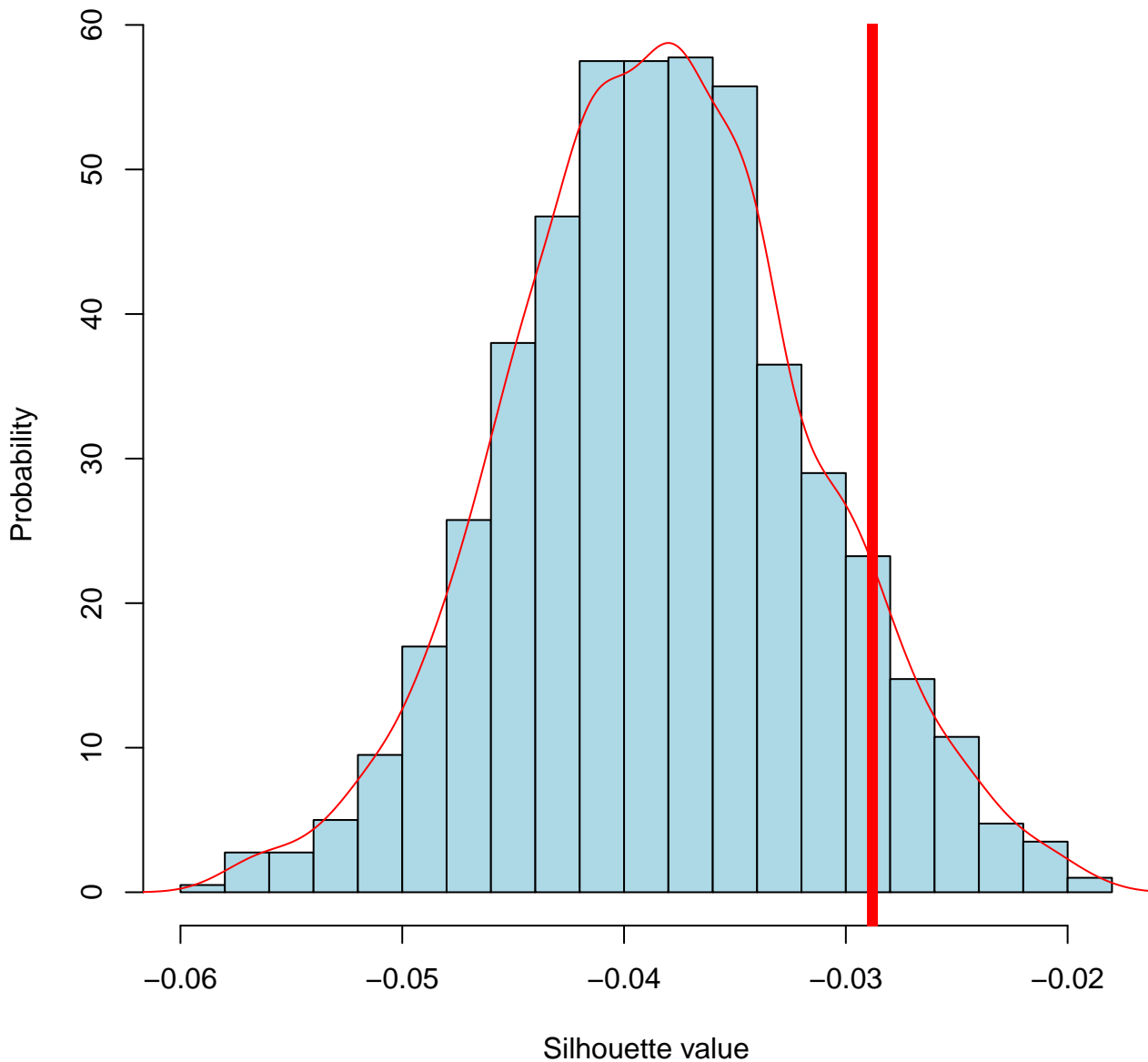
n = 263



8 clusters $C_j$		
j	$n_j$	$\text{ave}_{i \in C_j} s_i$
1	41	-0.02
2	41	-0.02
3	42	-0.10
4	64	-0.02
5	103	-0.04
6	41	-0.01
7	2	-0.02
8	46	-0.03

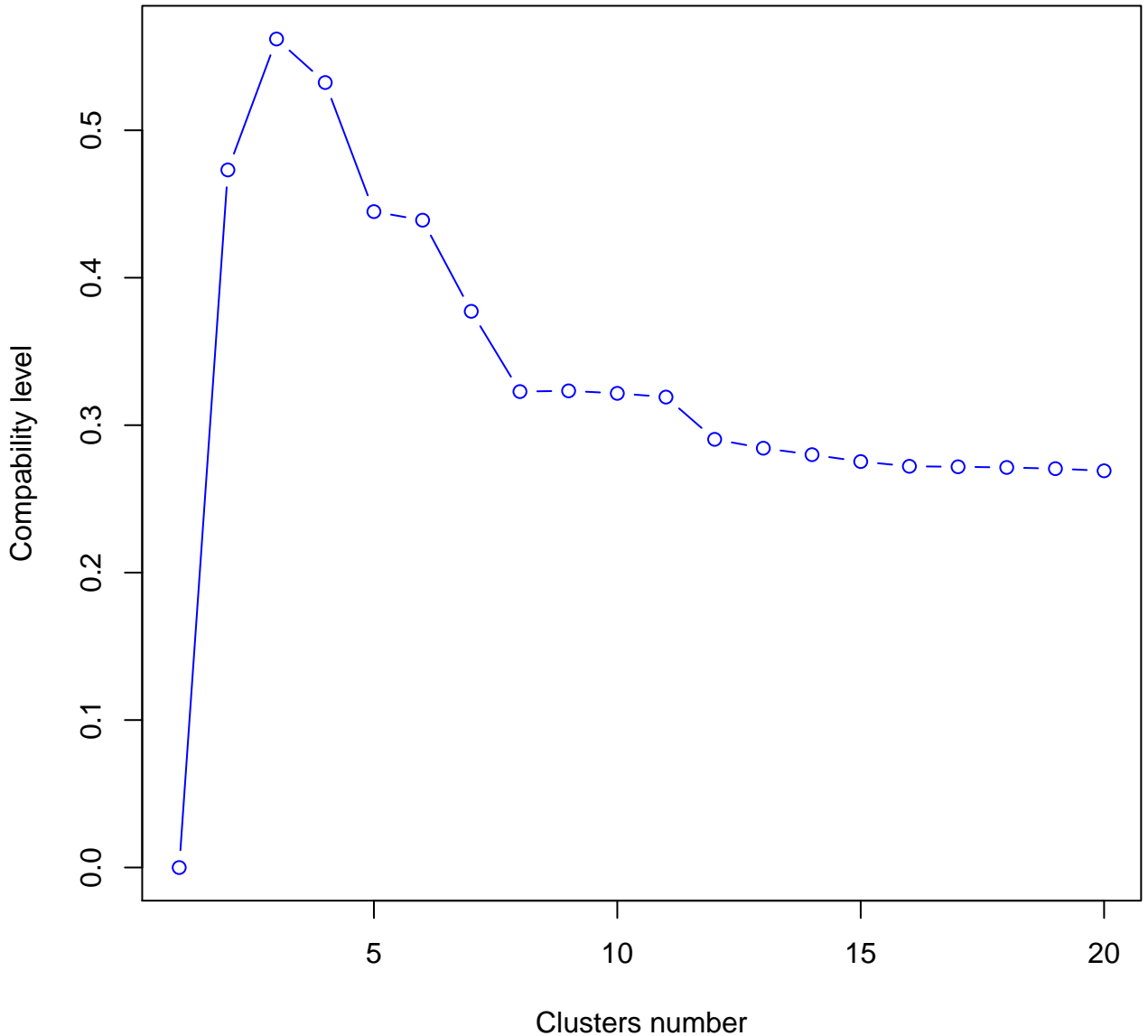
Average silhouette width : -0.03

**Silhouette distribution while shuffling and the real one**

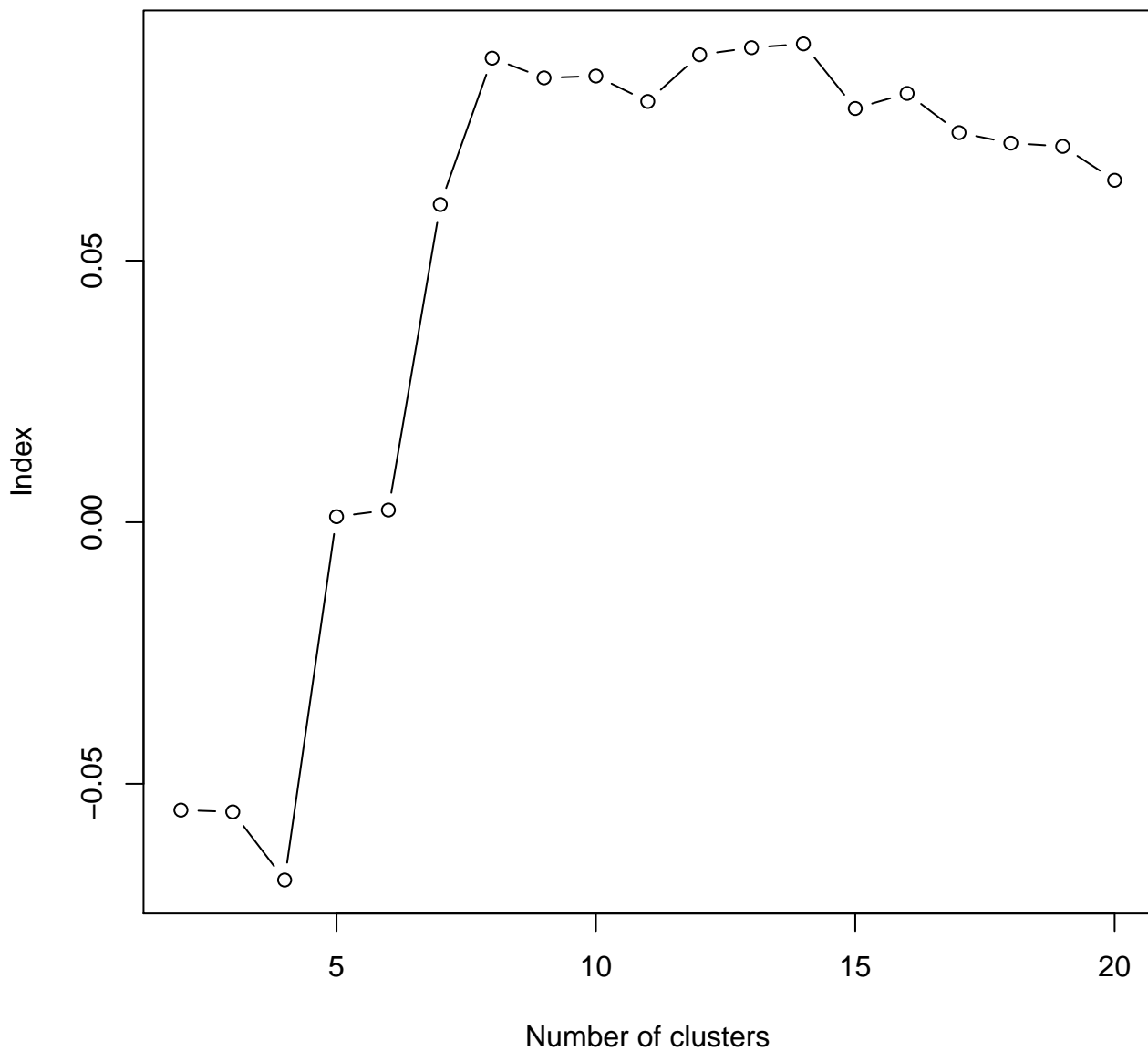




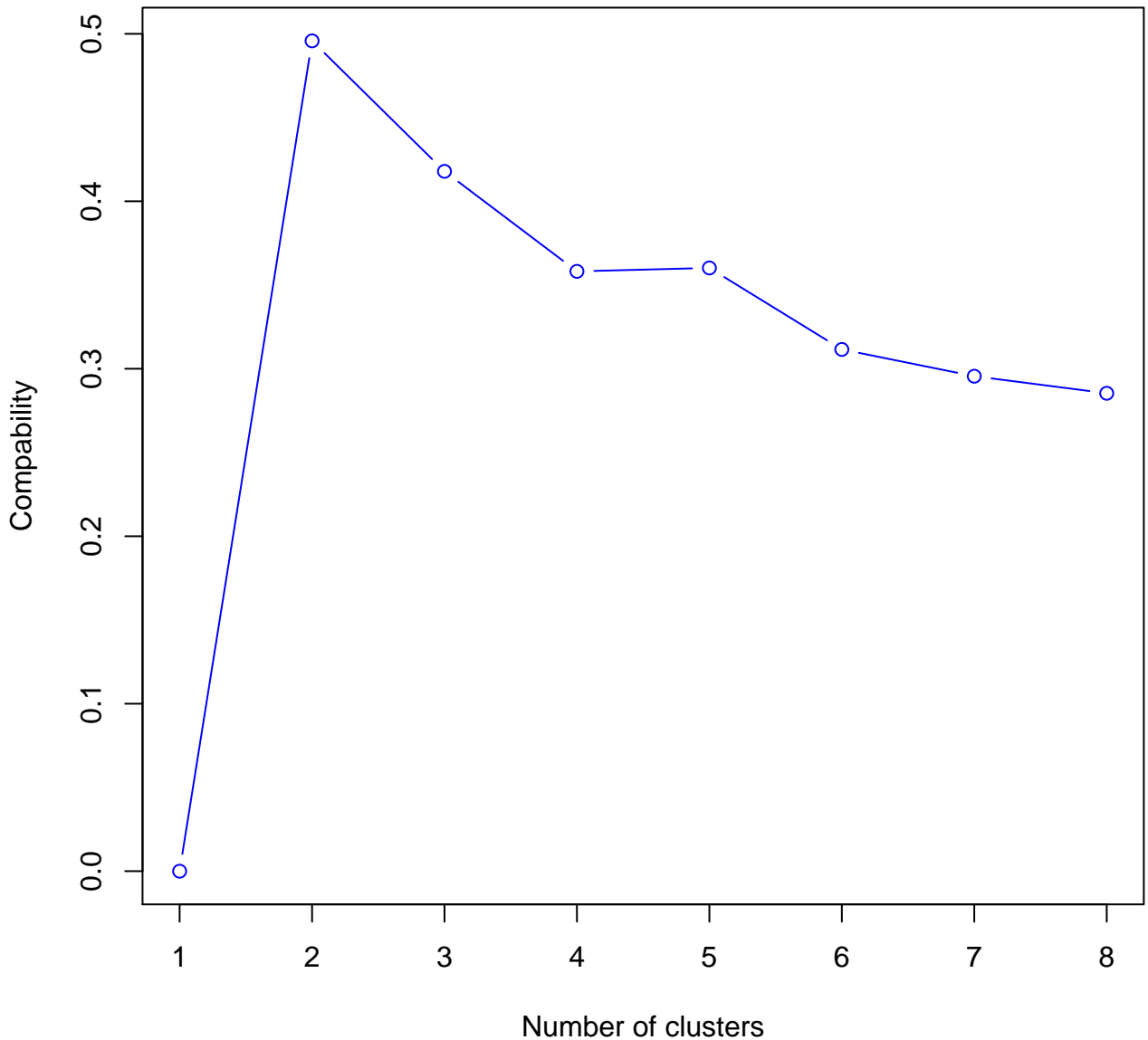
**Correlation between compability of real and  
teoretical clustering and clusters number  
using histogram clustering**



**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**

