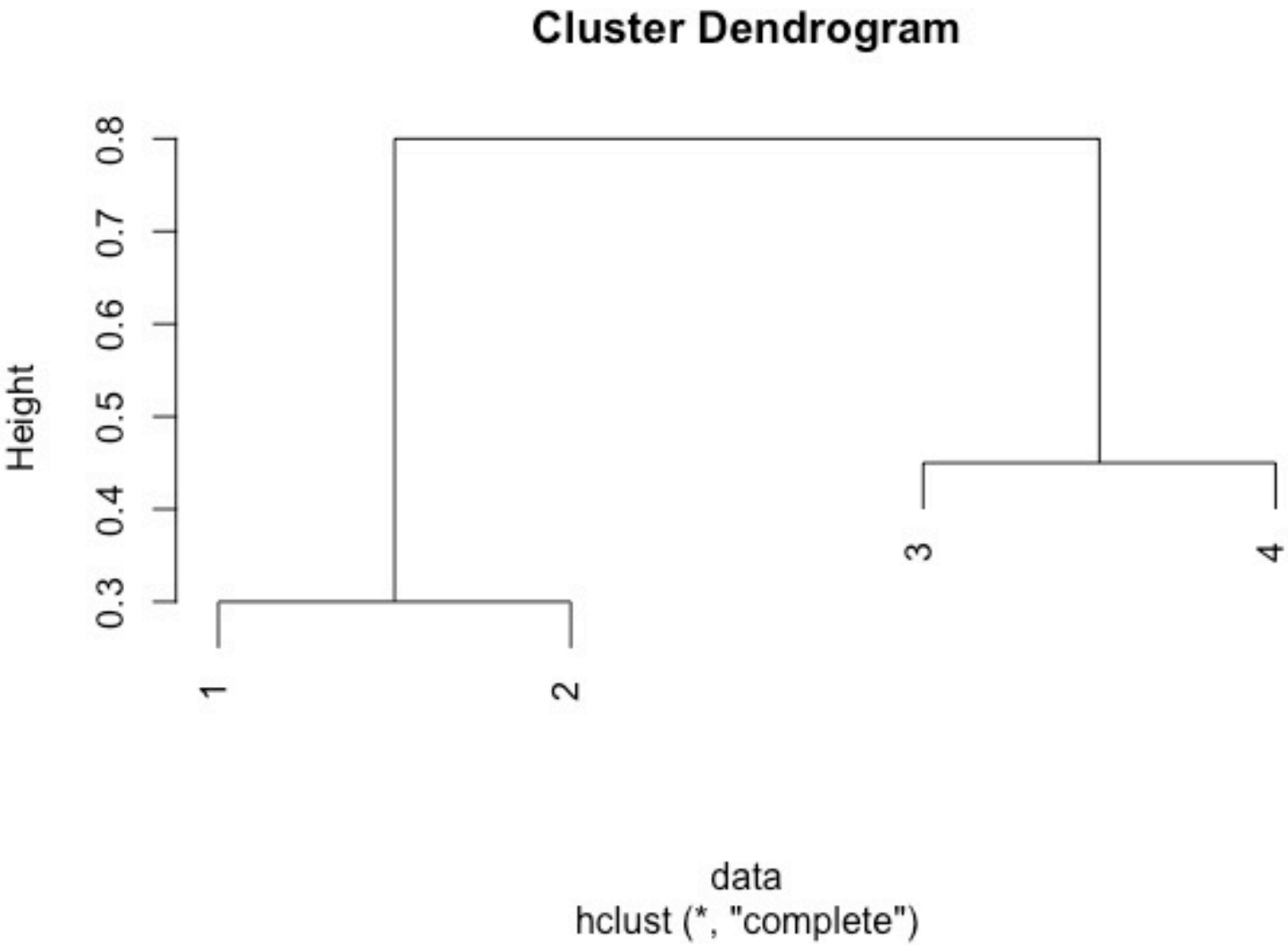
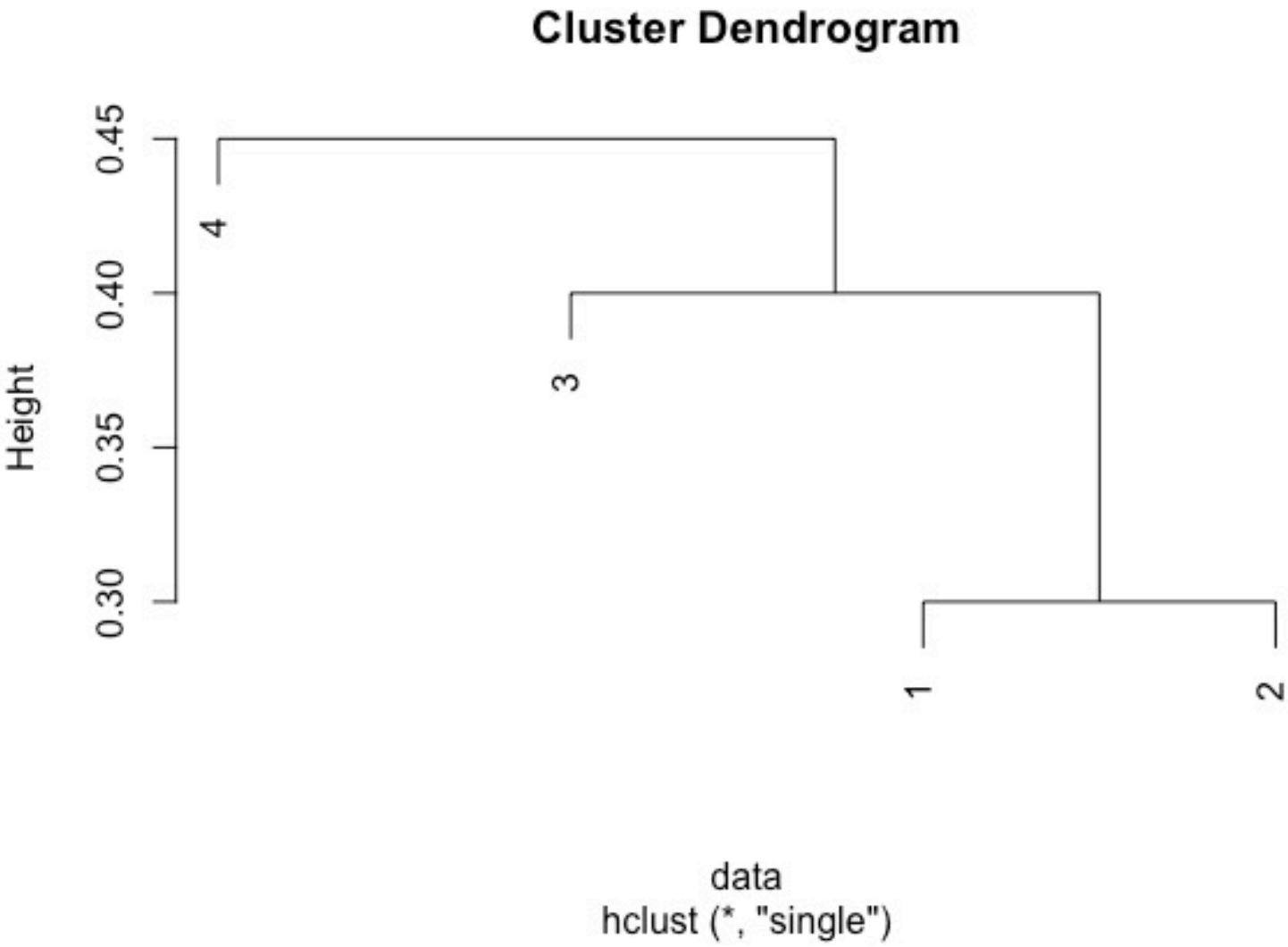
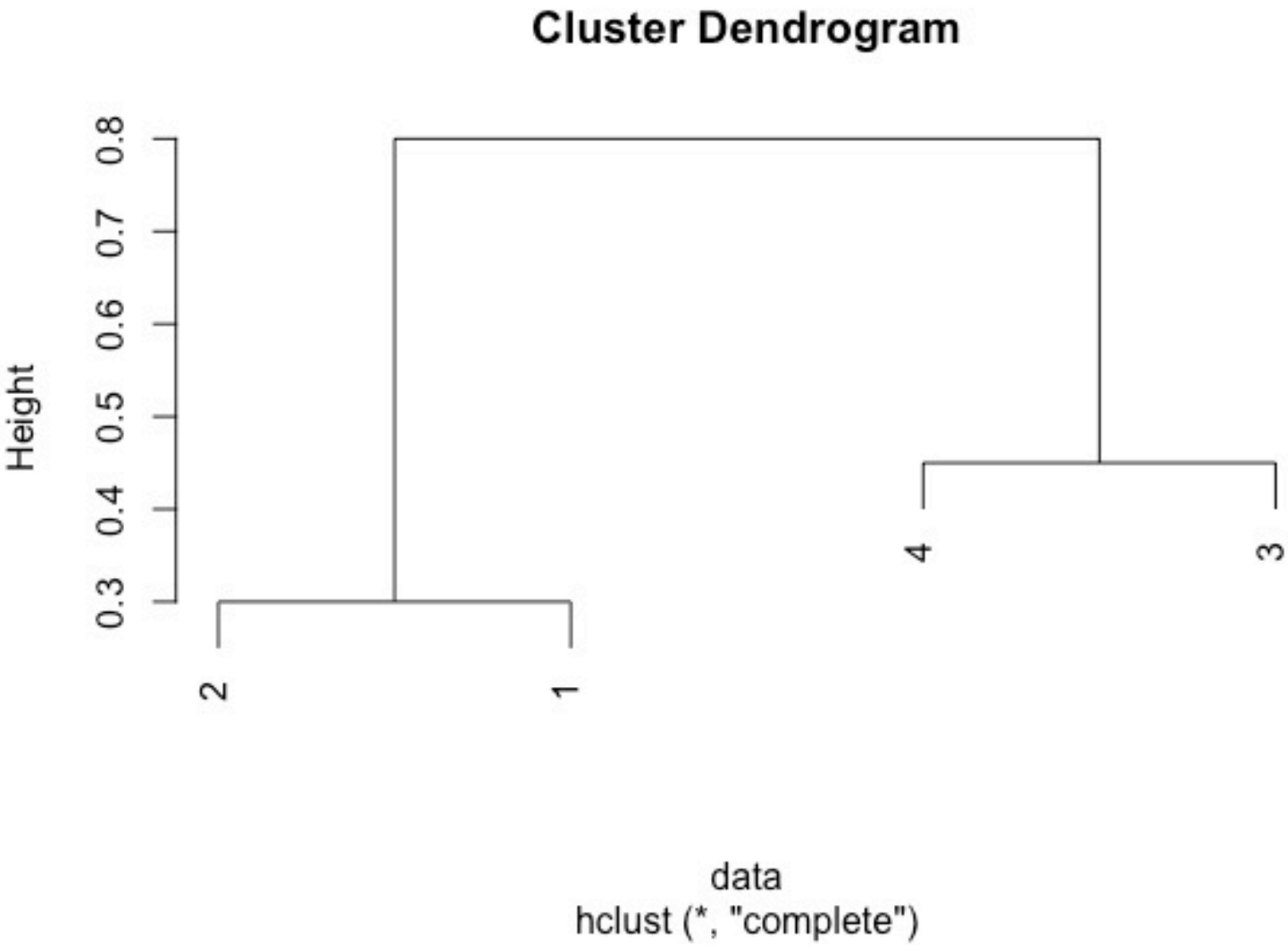
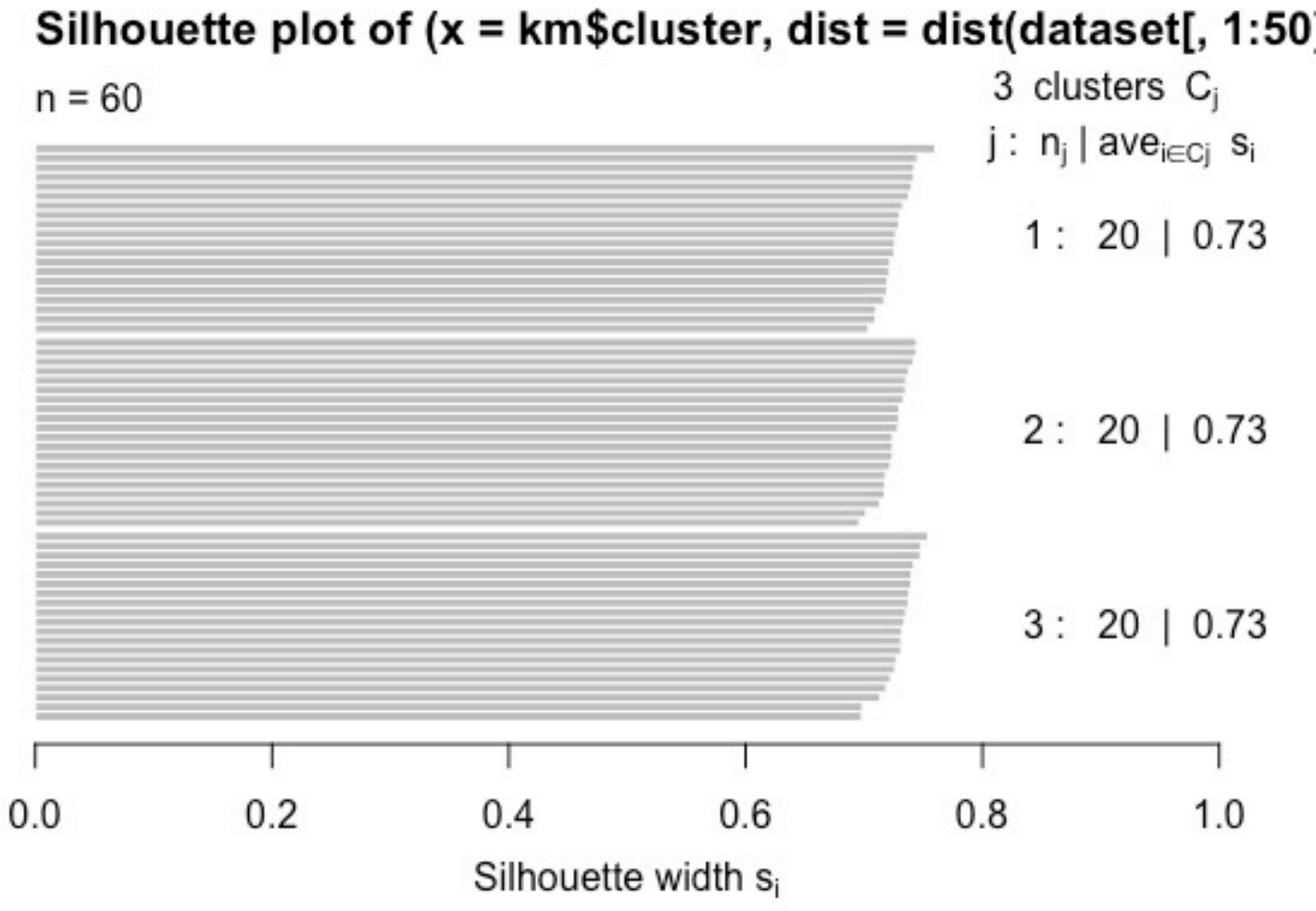
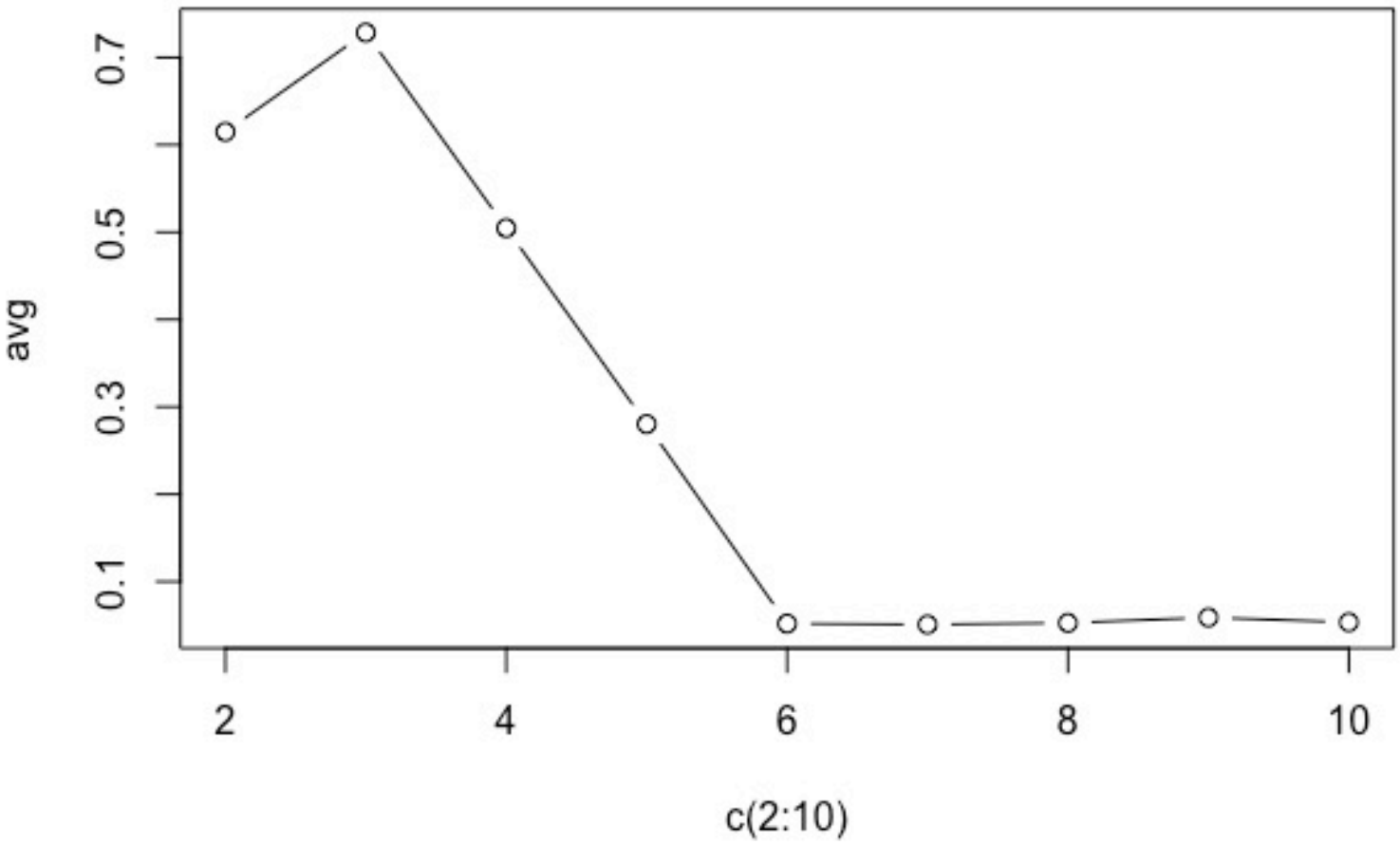
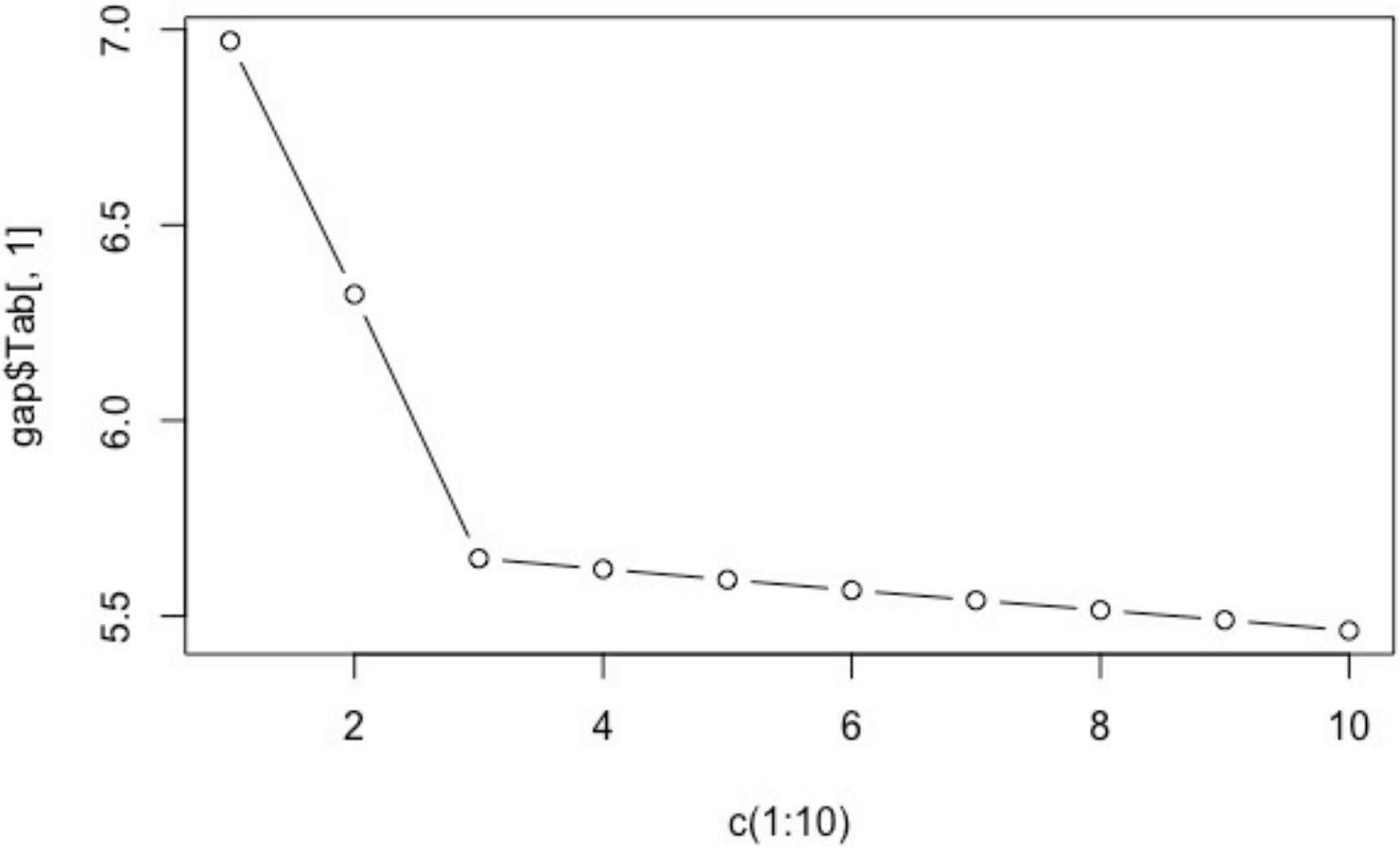

Cluster Dendrogram
Height
0.3
0.4
0.5
0.6
0.7
0.8
1
2
3
4
data
hclust (*, "complete")


Cluster Dendrogram
Height
0.45
0.40
0.35
0.30
4
3
1
2
data
hclust (*, "single")


Cluster Dendrogram
Height
0.3
0.4
0.5
0.6
0.7
0.8
2
1
4
3
data
hclust (*, "complete")


Silhouette plot of (x = km$cluster, dist = dist(dataset[, 1:50
n = 60
3 clusters C_j
j : n_j | $ave_{i∈Cj}$ s_i
1 : 20 | 0.73
2 : 20 | 0.73
3 : 20 | 0.73
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0.73


avg
0.1
0.3
0.5
0.7
2
4
6
8
10
c(2:10)


gap$Tab[, 1]
7.0
6.5
6.0
5.5
2
4
6
8
10
c(1:10)