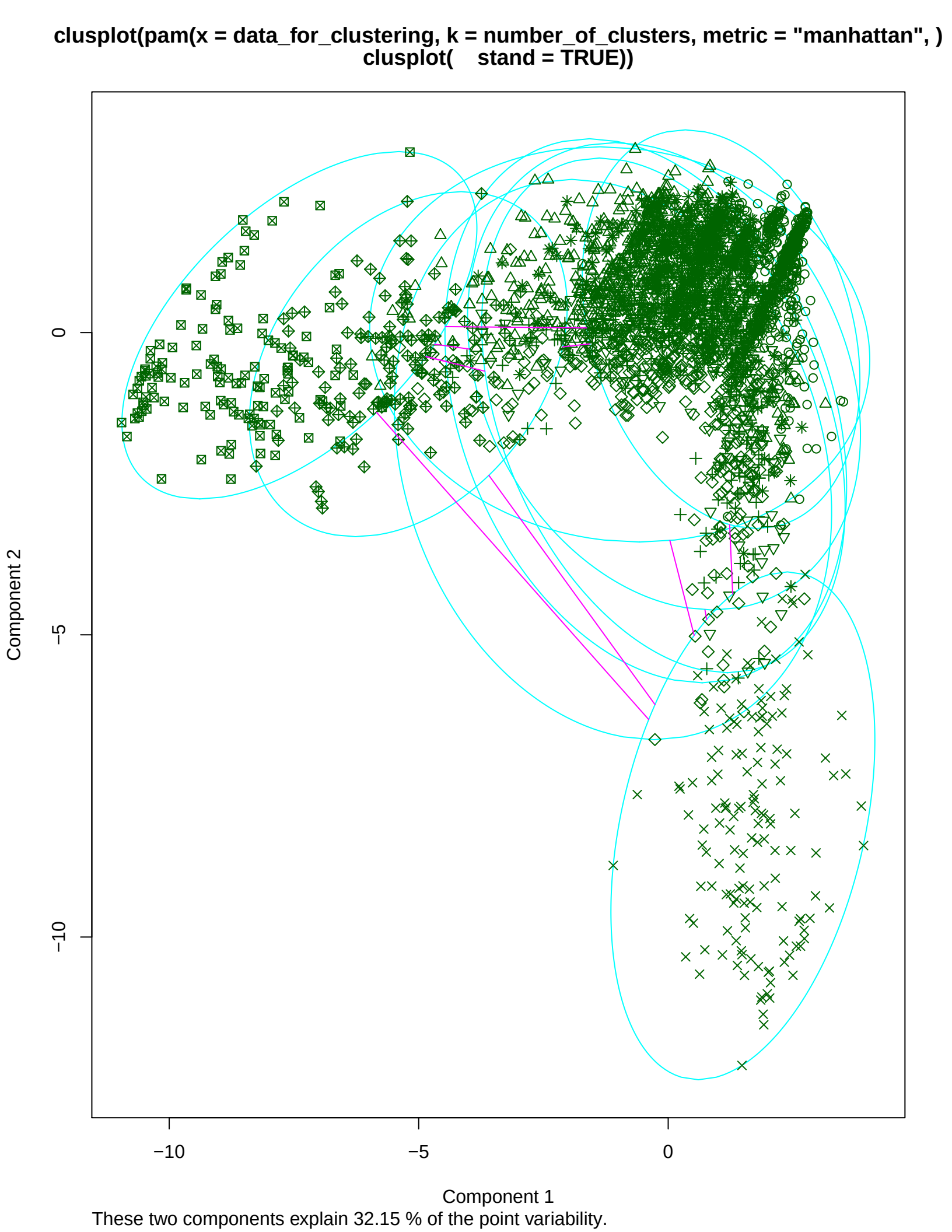
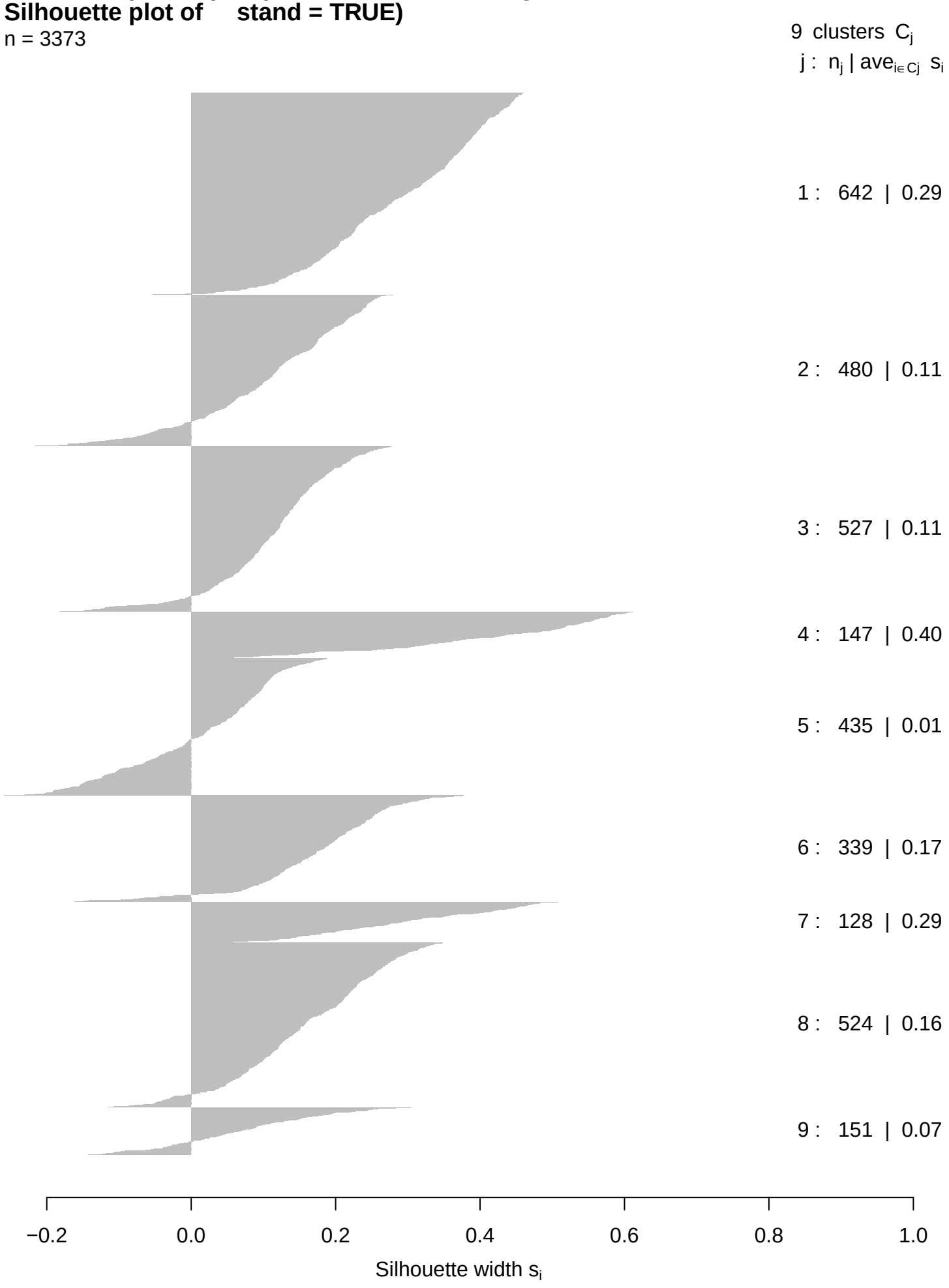
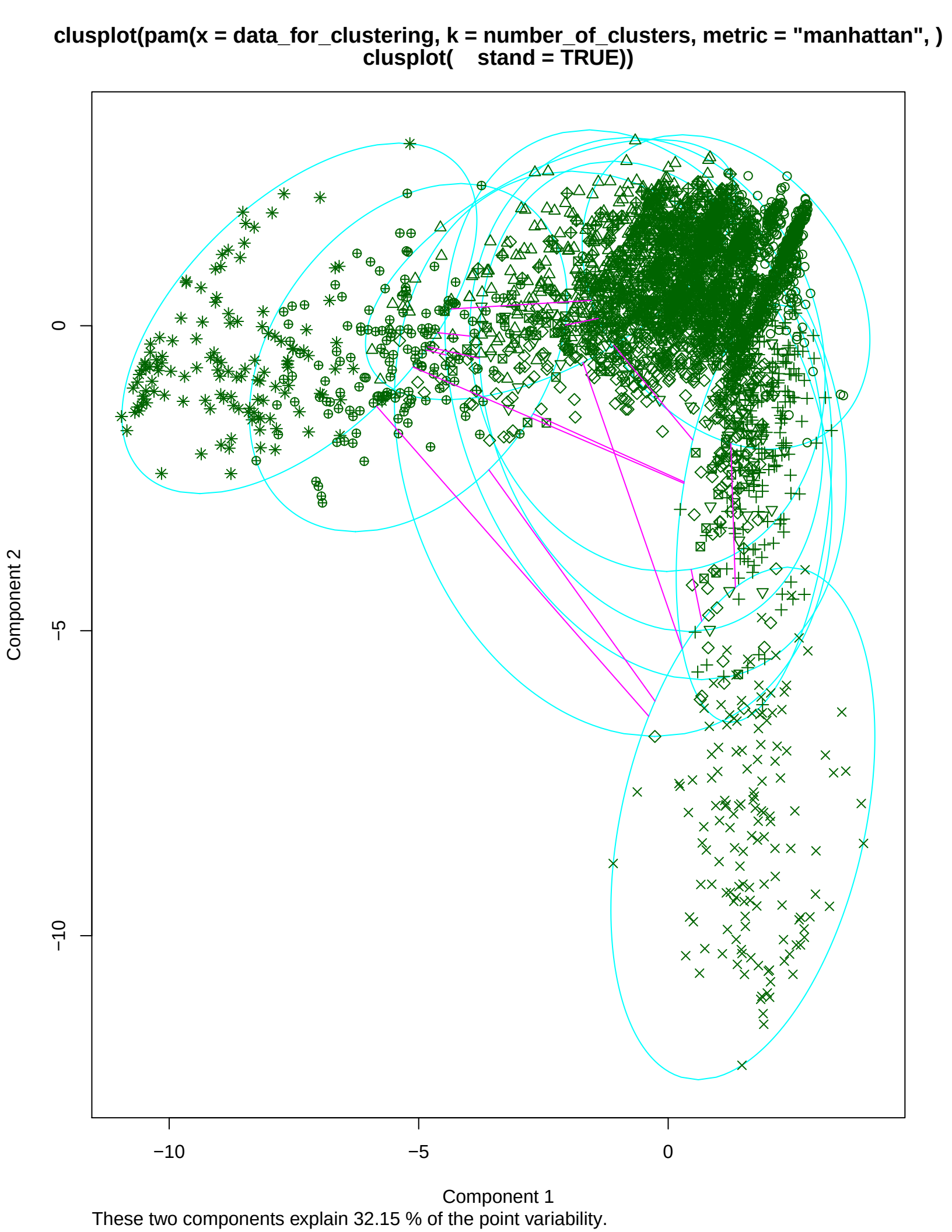
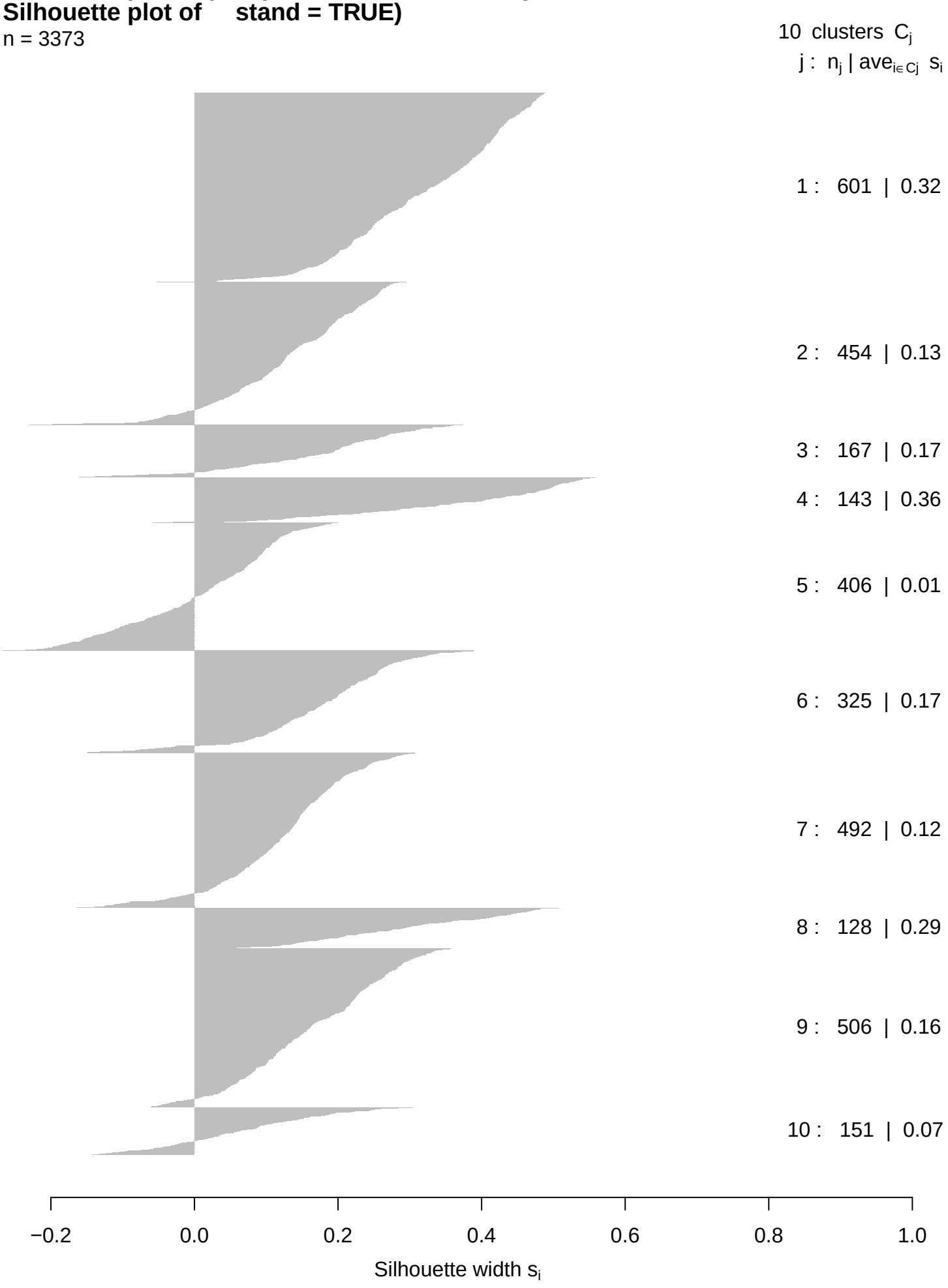
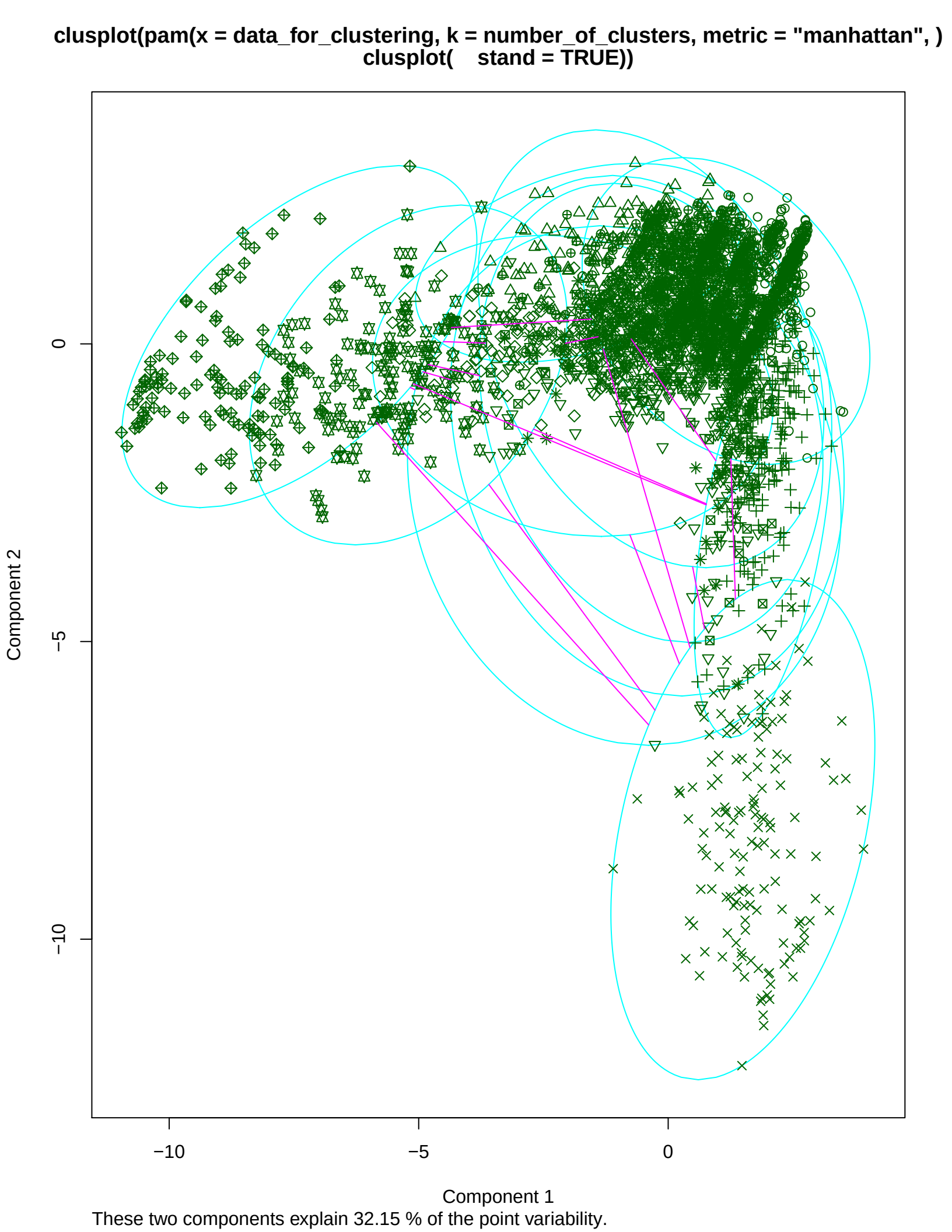
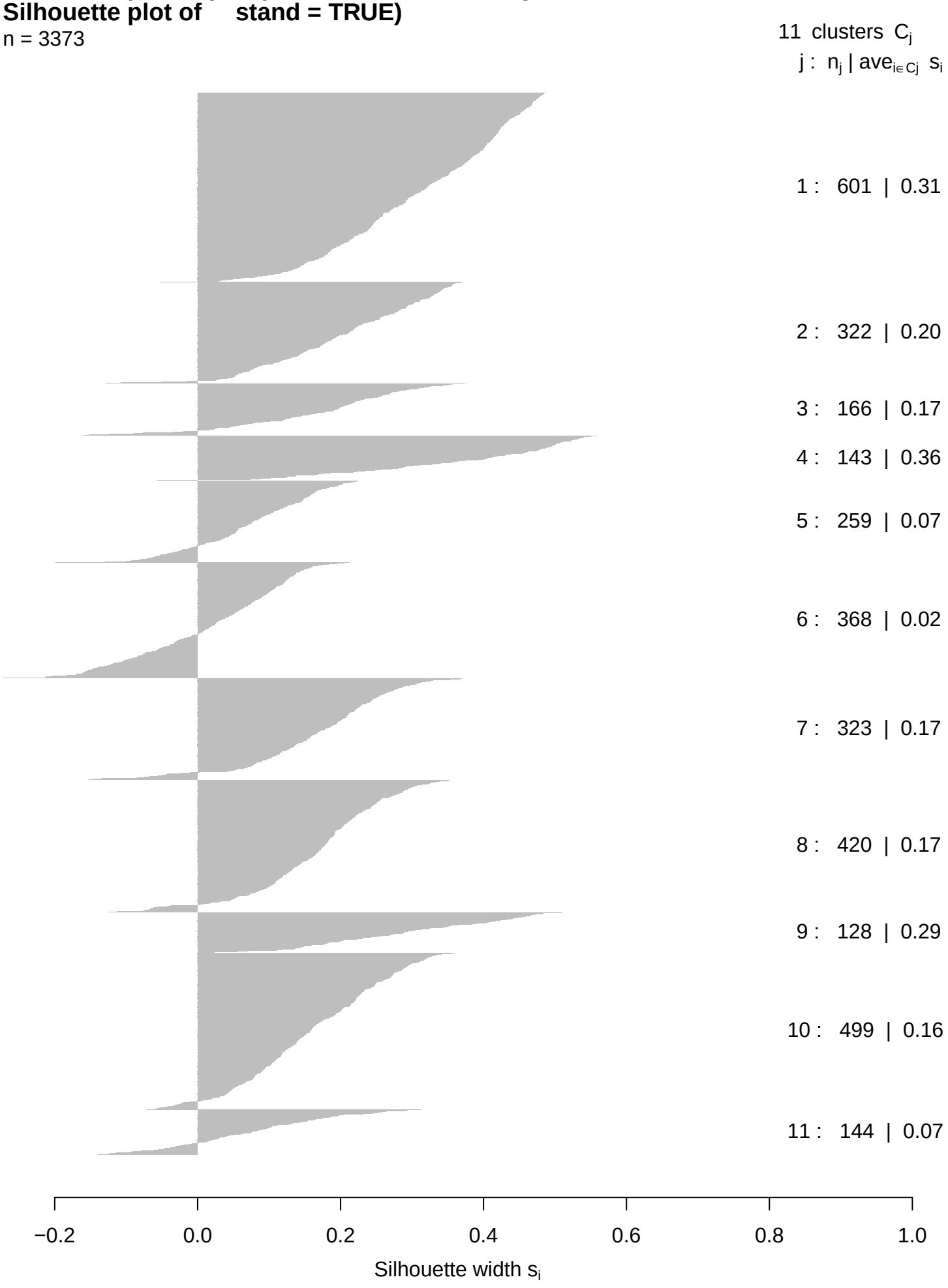

clusplot(pam(x = data_for_clustering, k = number_of_clusters, metric = "manhattan",)
clusplot(stand = TRUE))
Component 2
0
−5
−10
−10
−5
0
Component 1
These two components explain 32.15 % of the point variability.

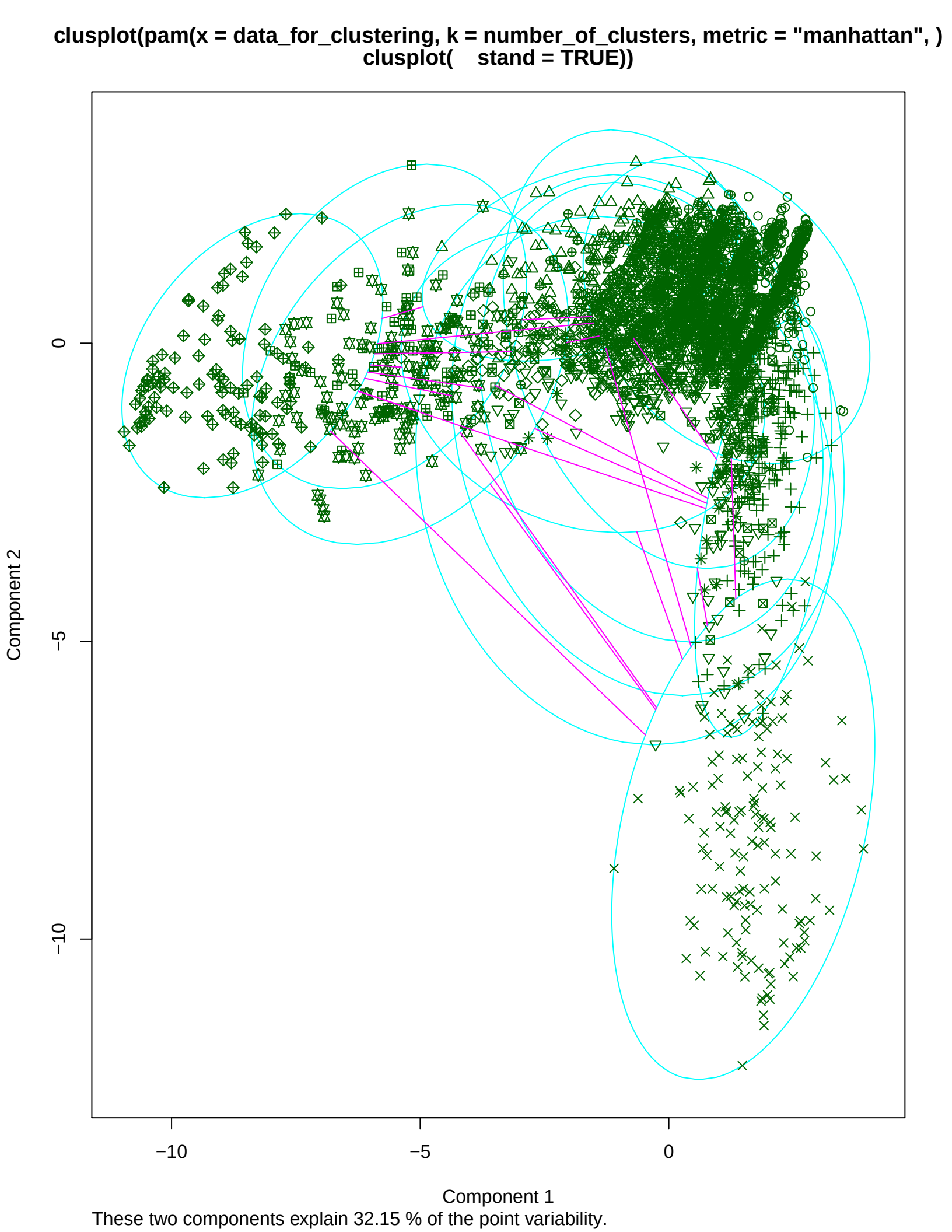

Silhouette plot of pam(x = data_for_clustering, k = number_of_clusters, metric = "m
Silhouette plot of stand = TRUE)
n = 3373
9 clusters C_j
j : n_j | $ave_{i \in Cj}$ s_i
1 : 642 | 0.29
2 : 480 | 0.11
3 : 527 | 0.11
4 : 147 | 0.40
5 : 435 | 0.01
6 : 339 | 0.17
7 : 128 | 0.29
8 : 524 | 0.16
9 : 151 | 0.07
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0.16

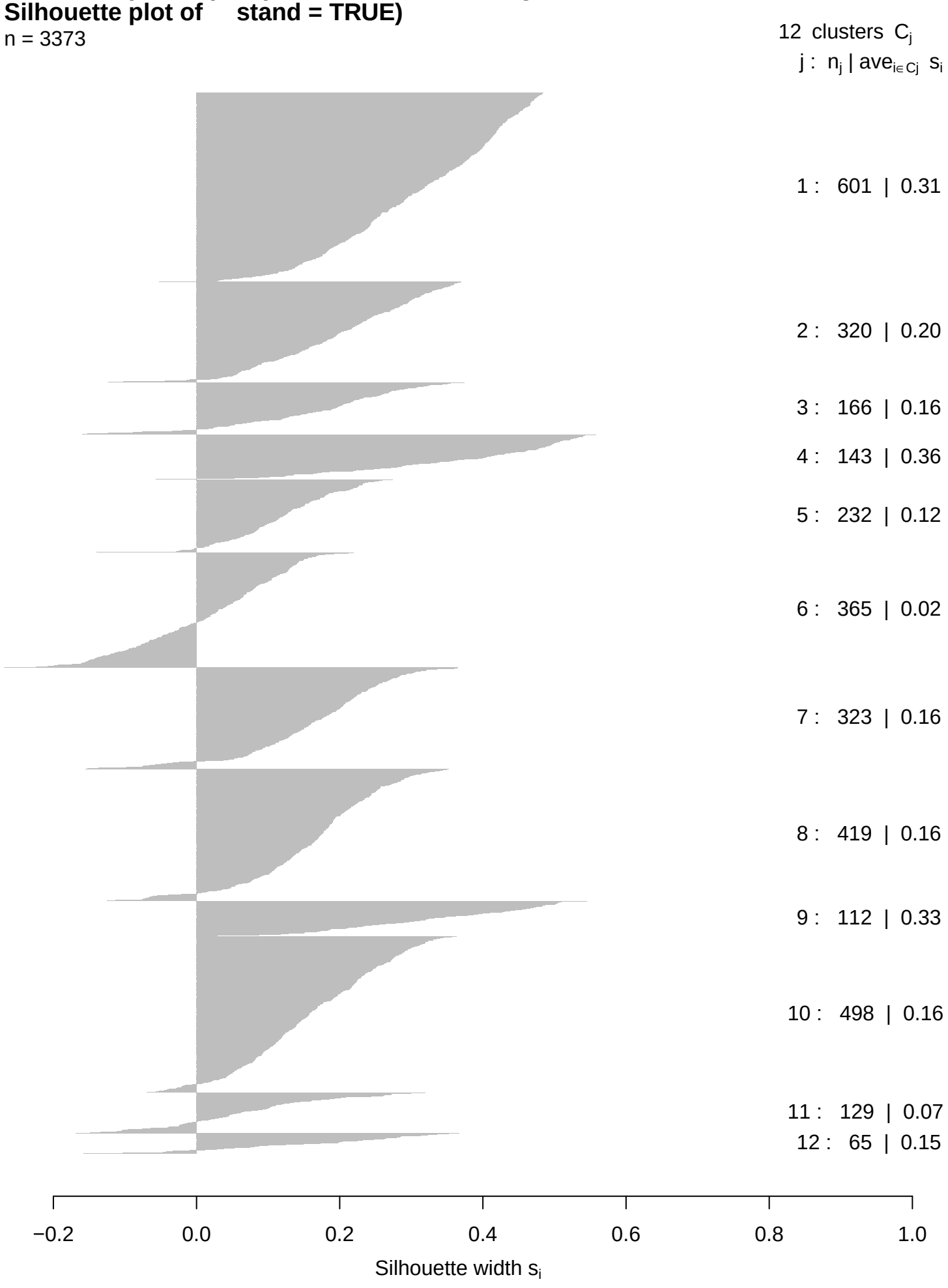

clusplot(pam(x = data_for_clustering, k = number_of_clusters, metric = "manhattan",)
clusplot(stand = TRUE))
Component 2
0
−5
−10
−10
−5
0
Component 1
These two components explain 32.15 % of the point variability.


Silhouette plot of pam(x = data_for_clustering, k = number_of_clusters, metric = "m
Silhouette plot of stand = TRUE)
n = 3373
10 clusters C_j
j : n_j | ave$_{i \in Cj}$ s_i
1 : 601 | 0.32
2 : 454 | 0.13
3 : 167 | 0.17
4 : 143 | 0.36
5 : 406 | 0.01
6 : 325 | 0.17
7 : 492 | 0.12
8 : 128 | 0.29
9 : 506 | 0.16
10 : 151 | 0.07
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0.17


clusplot(pam(x = data_for_clustering, k = number_of_clusters, metric = "manhattan",)
clusplot(stand = TRUE))
Component 2
0
−5
−10
−10
−5
0
Component 1
These two components explain 32.15 % of the point variability.


Silhouette plot of pam(x = data_for_clustering, k = number_of_clusters, metric = "m
Silhouette plot of stand = TRUE)
n = 3373
11 clusters C_j
j : n_j | ave$_{i \in Cj}$ s_i
1 : 601 | 0.31
2 : 322 | 0.20
3 : 166 | 0.17
4 : 143 | 0.36
5 : 259 | 0.07
6 : 368 | 0.02
7 : 323 | 0.17
8 : 420 | 0.17
9 : 128 | 0.29
10 : 499 | 0.16
11 : 144 | 0.07
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0.18


clusplot(pam(x = data_for_clustering, k = number_of_clusters, metric = "manhattan",)
clusplot(stand = TRUE))
Component 2
0
−5
−10
−10
−5
0
Component 1
These two components explain 32.15 % of the point variability.


Silhouette plot of pam(x = data_for_clustering, k = number_of_clusters, metric = "m
Silhouette plot of stand = TRUE)
n = 3373
12 clusters C_j
j : n_j | ave$_{i \in Cj}$ s_i
1 : 601 | 0.31
2 : 320 | 0.20
3 : 166 | 0.16
4 : 143 | 0.36
5 : 232 | 0.12
6 : 365 | 0.02
7 : 323 | 0.16
8 : 419 | 0.16
9 : 112 | 0.33
10 : 498 | 0.16
11 : 129 | 0.07
12 : 65 | 0.15
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0.18