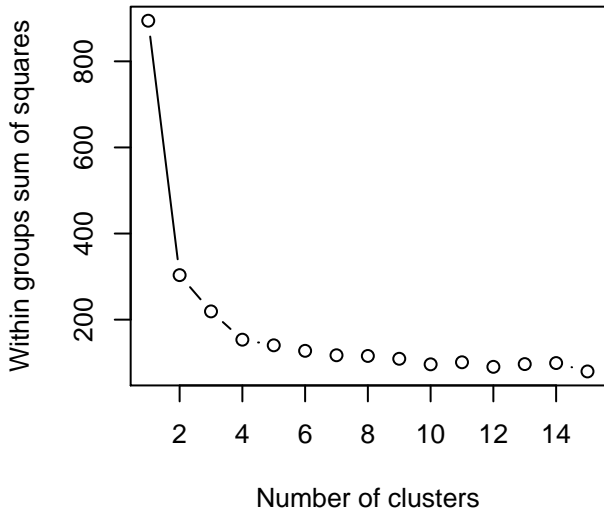
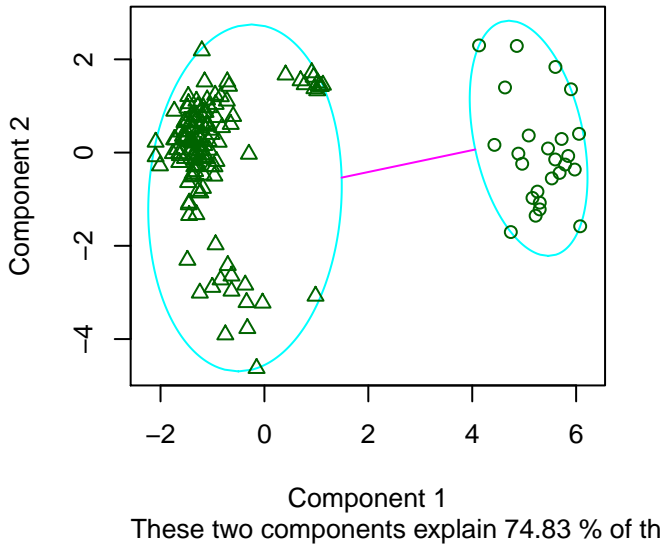


Elbow number clusters: insulin\_stim



clusplot(pam(x = a, k = pamk.best\$nc))



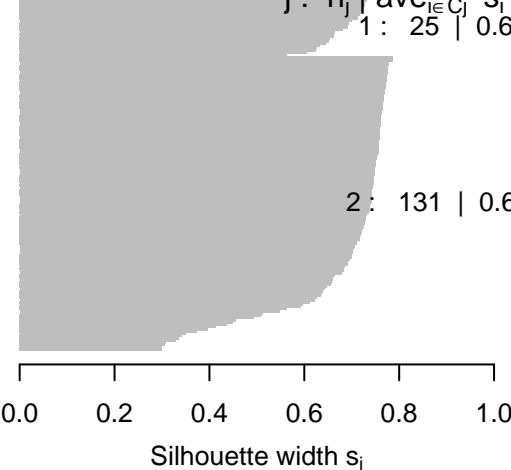
Silhouette plot of pam(x = a, k = par

n = 156

2 clusters  $C_j$

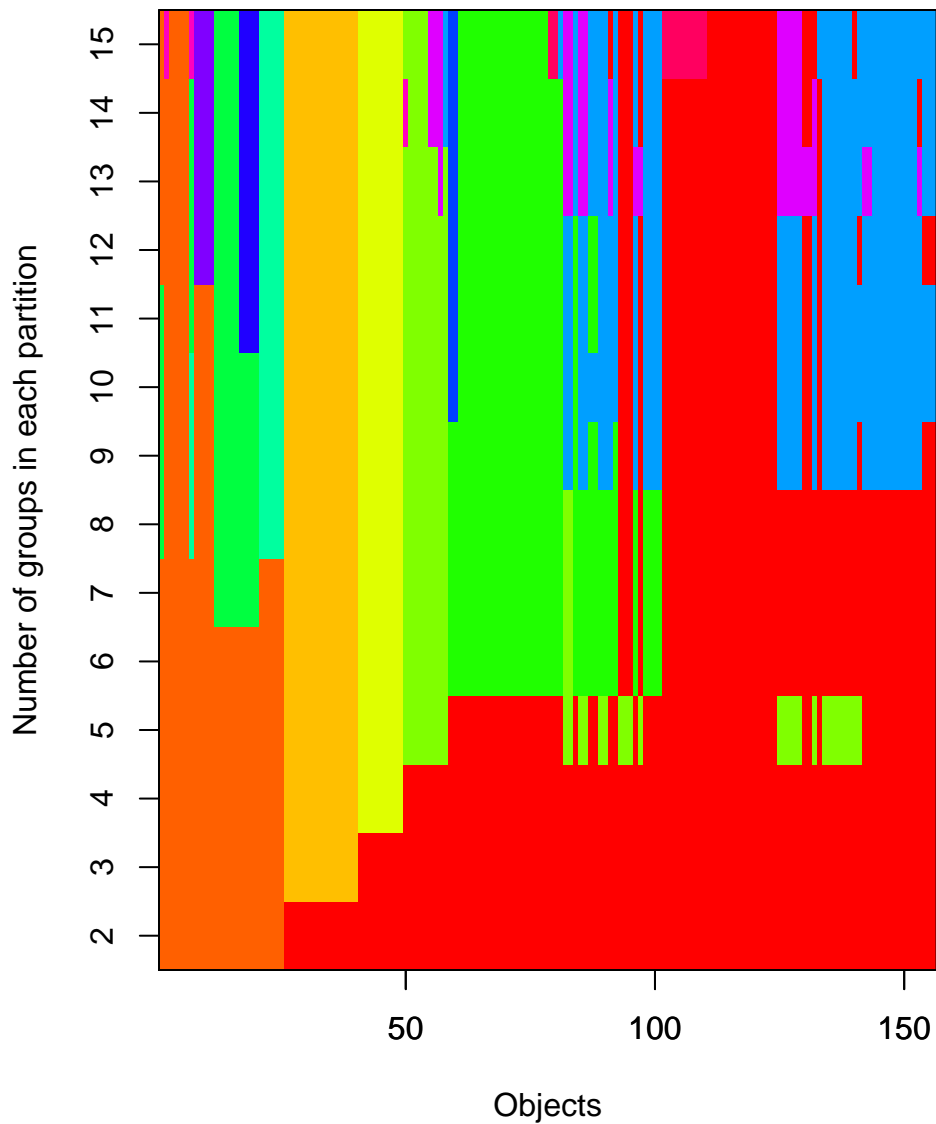
$j : n_j \mid \text{ave}_{i \in C_j} s_i$   
1 : 25 | 0.68

2 : 131 | 0.68



Average silhouette width : 0.68

# K-means partitions comparison



# calinski criterion

