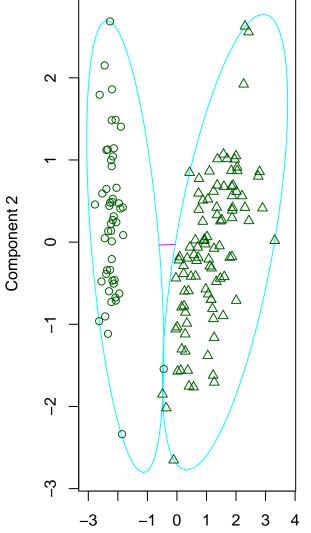


## clusplot(pam(x = sdata, k = k, diss = d



Component 1

These two components explain 95.8

0.0

0.2

0.4

Silhouette width si

0.6

n = 150

Silhouette plot of pam(x = sd)

2 clusters C<sub>j</sub>

1: 51 | 0.81

99 | 0.62

 $j: n_j \mid ave_{i \in C_j} s_i$ 

Average silhouette width: 0.69

1.0

8.0

## $\alpha$ 1: 50 | 0.80 Component 2 2: 62 | 0.42 -2 3: 38 | 0.45 -3 -22 3 0.0 0.2 0.4 0.6 8.0 1.0 Silhouette width si Component 1 These two components explain 95.8 Average silhouette width: 0.55

clusplot(pam(x = iris2, k = 3))

3

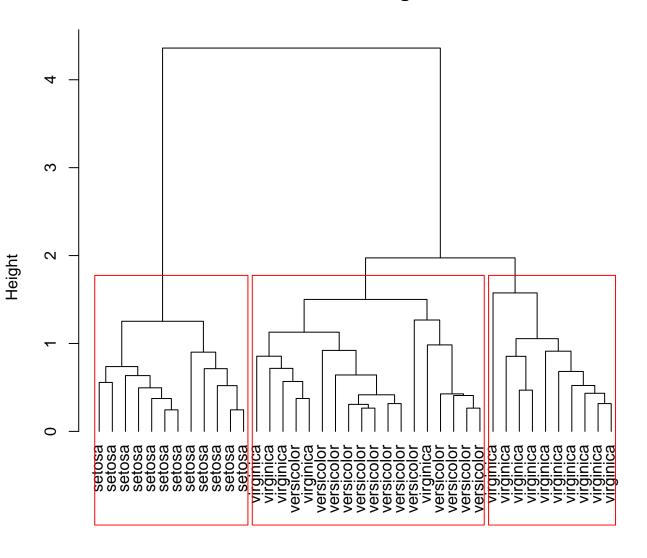
Silhouette plot of pam(x = iris)

n = 150

3 clusters C<sub>j</sub>

j: n<sub>j</sub> | ave<sub>i∈Cj</sub> s<sub>i</sub>

## **Cluster Dendrogram**



dist(irisSample)
hclust (\*, "average")

