Silhouette plot of (x = kclusters$cluster, dist = D)
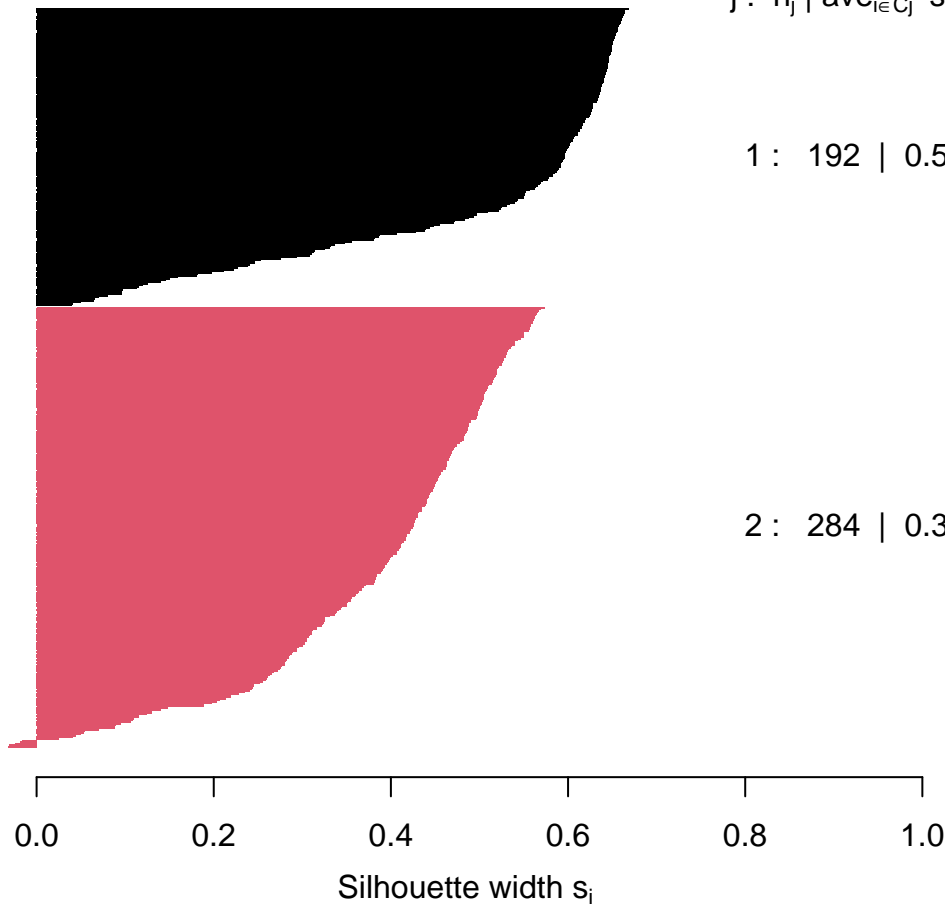
n = 476

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

1 : 192 | 0.51

2 : 284 | 0.39
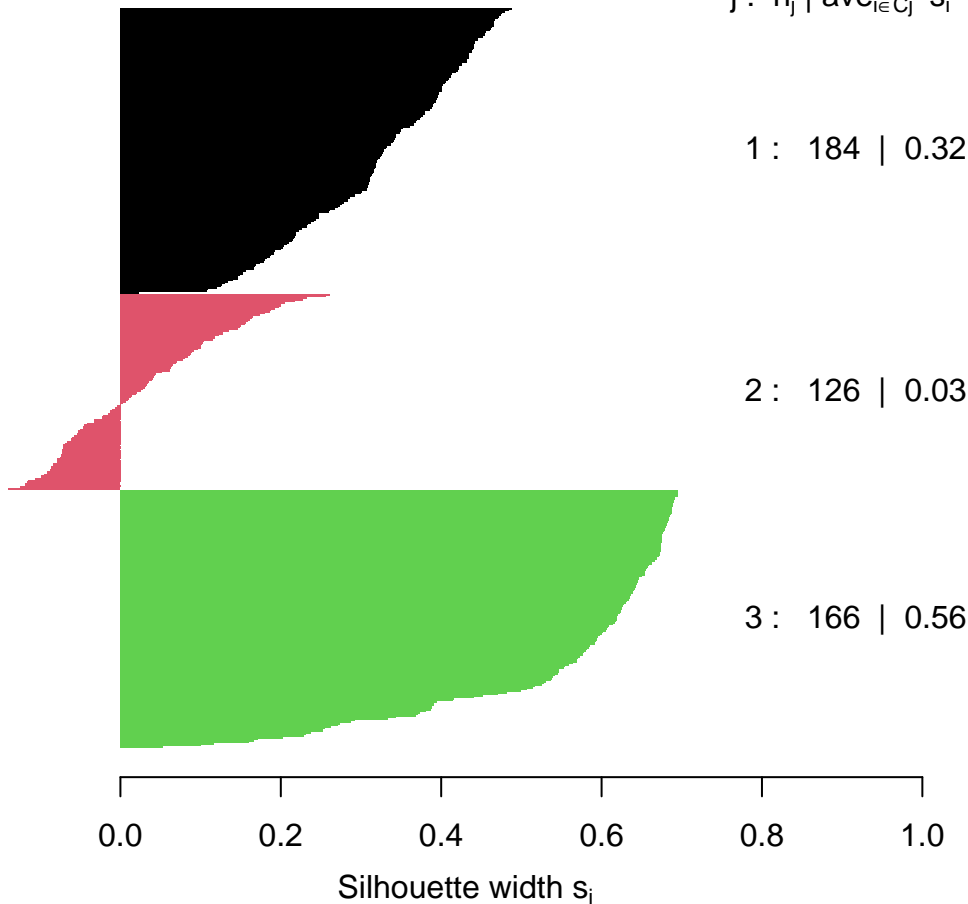
Silhouette width s_i

Average silhouette width : 0.44

Silhouette plot of (x = kclusters$cluster, dist = D)

n = 476

3 clusters C_j

$j : n_j \mid \text{ave}_{i \in C_j} \, s_i$

1 : 184 | 0.32

2 : 126 | 0.03

3 : 166 | 0.56

Silhouette width s_i

Average silhouette width : 0.33

Silhouette plot of (x = kclusters$cluster, dist = D)

n = 476

4 clusters C_j
$j : n_j | ave_{i \in C_j} s_i$

1 : 96 | 0.17

2 : 161 | 0.31

3 : 132 | 0.04

4 : 87 | 0.52

Silhouette width s_i
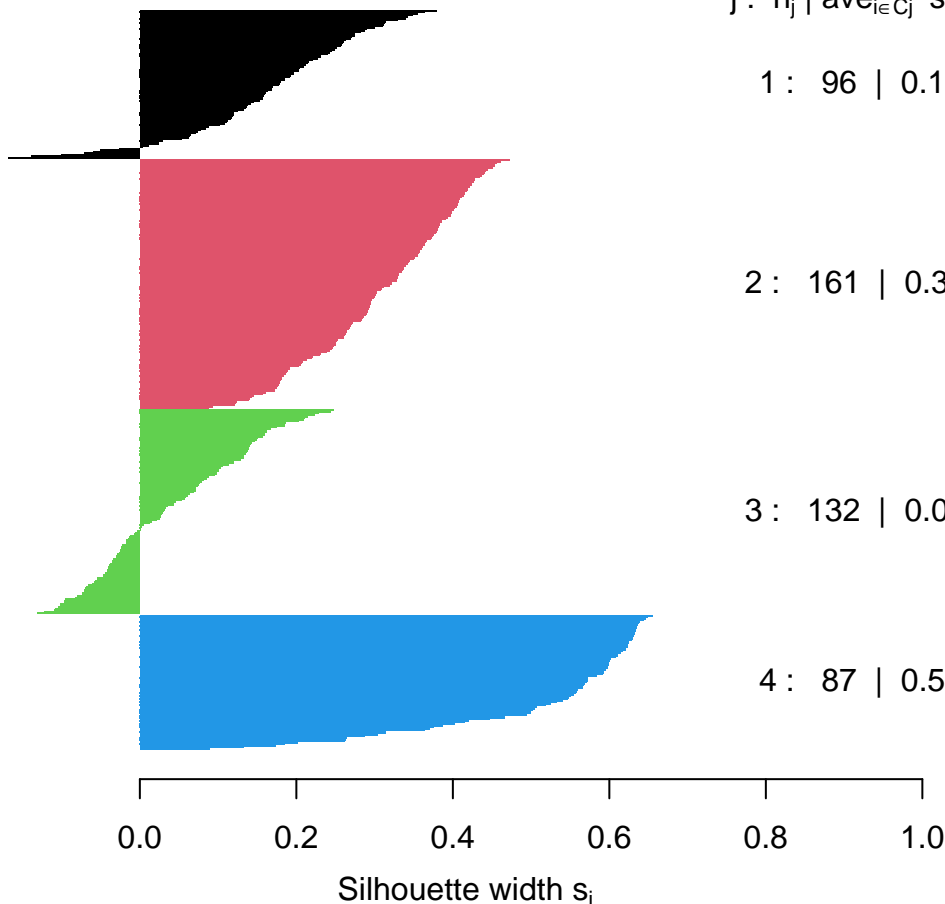
Average silhouette width : 0.25

Silhouette plot of (x = kclusters$cluster, dist = D)

n = 476

5 clusters C_j

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

1 : 90 | 0.20

2 : 86 | 0.52

3 : 94 | 0.06

4 : 47 | 0.12

5 : 159 | 0.29

Silhouette width s_i

Average silhouette width : 0.25

Silhouette plot of (x = kclusters$cluster, dist = D)

n = 476
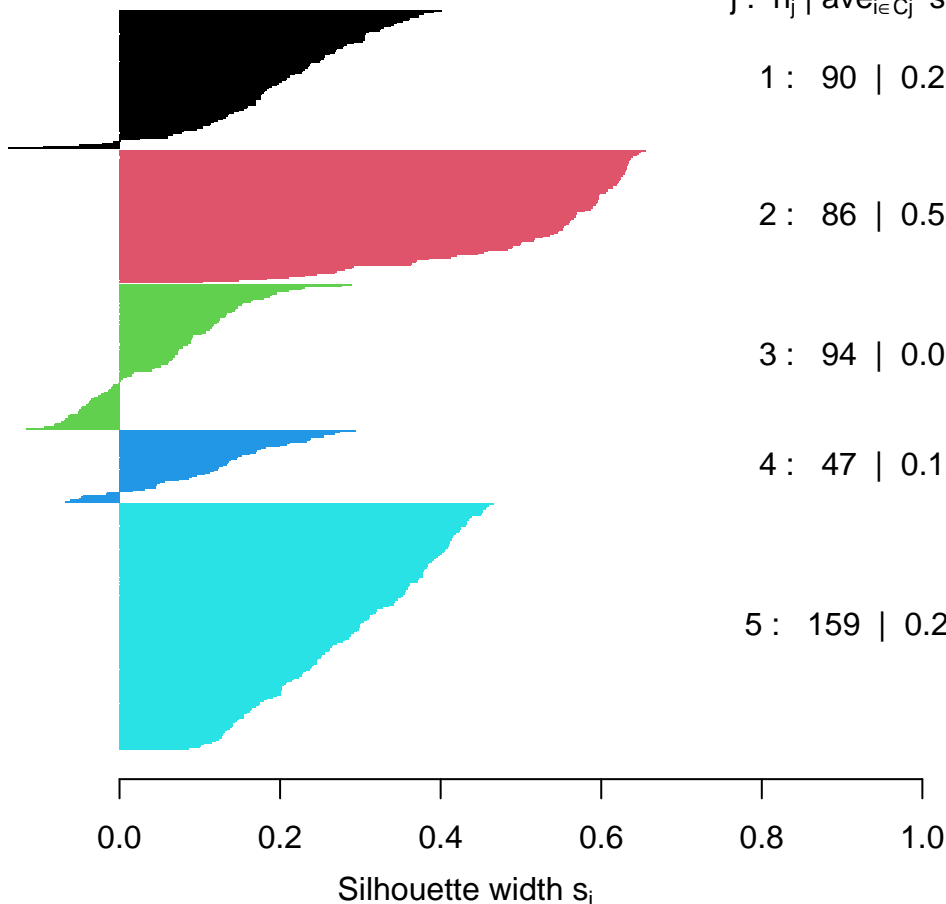
6 clusters C_j
$j : n_j \mid \text{ave}_{i \in C_j} s_i$

1 : 47 | 0.12

2 : 93 | 0.06

3 : 89 | 0.15

4 : 11 | 0.17

5 : 79 | 0.60

6 : 157 | 0.29

Silhouette width s_i

Average silhouette width : 0.25

Silhouette plot of (x = kclusters$cluster, dist = D)

n = 476

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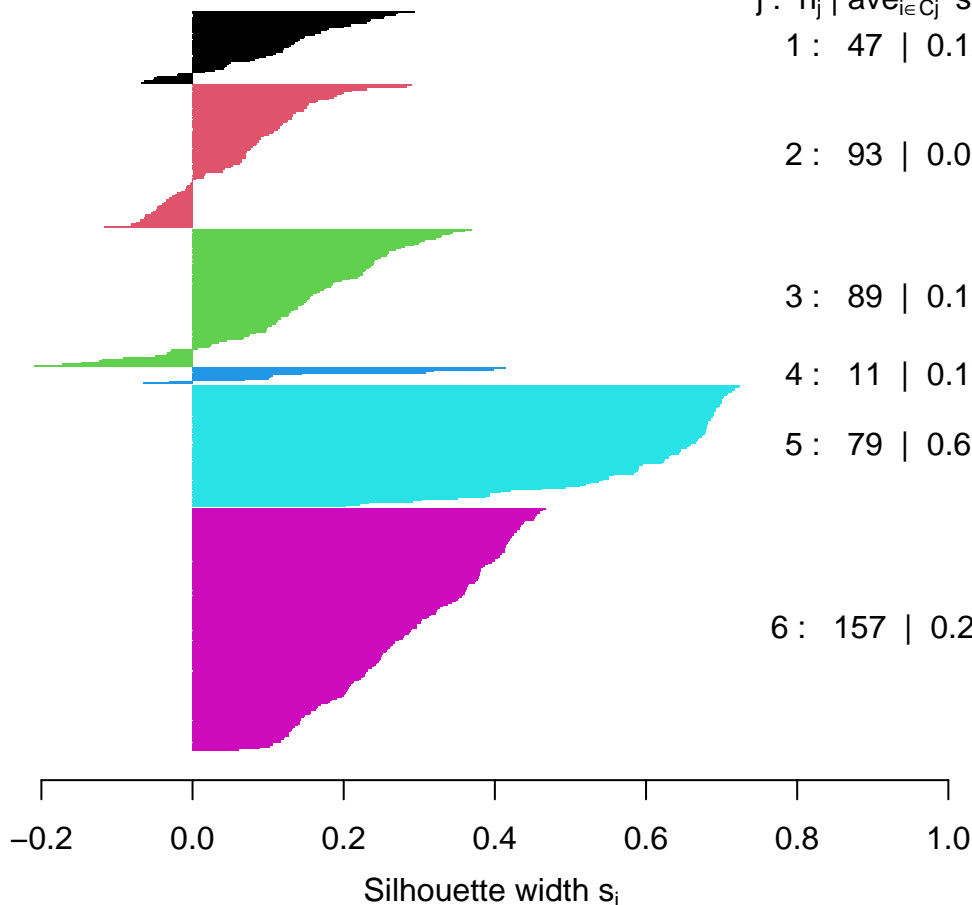
$j : n_j \mid ave_{i \in C_j} \; s_i$

1 : 79 | 0.59

2 : 80 | 0.03

3 : 10 | 0.24

4 : 86 | 0.17

5 : 106 | 0.14

6 : 69 | 0.17

7 : 46 | 0.12

Silhouette width s_i

Average silhouette width : 0.21

Silhouette plot of (x = kclusters$cluster, dist = D)

n = 476

8 clusters C_j

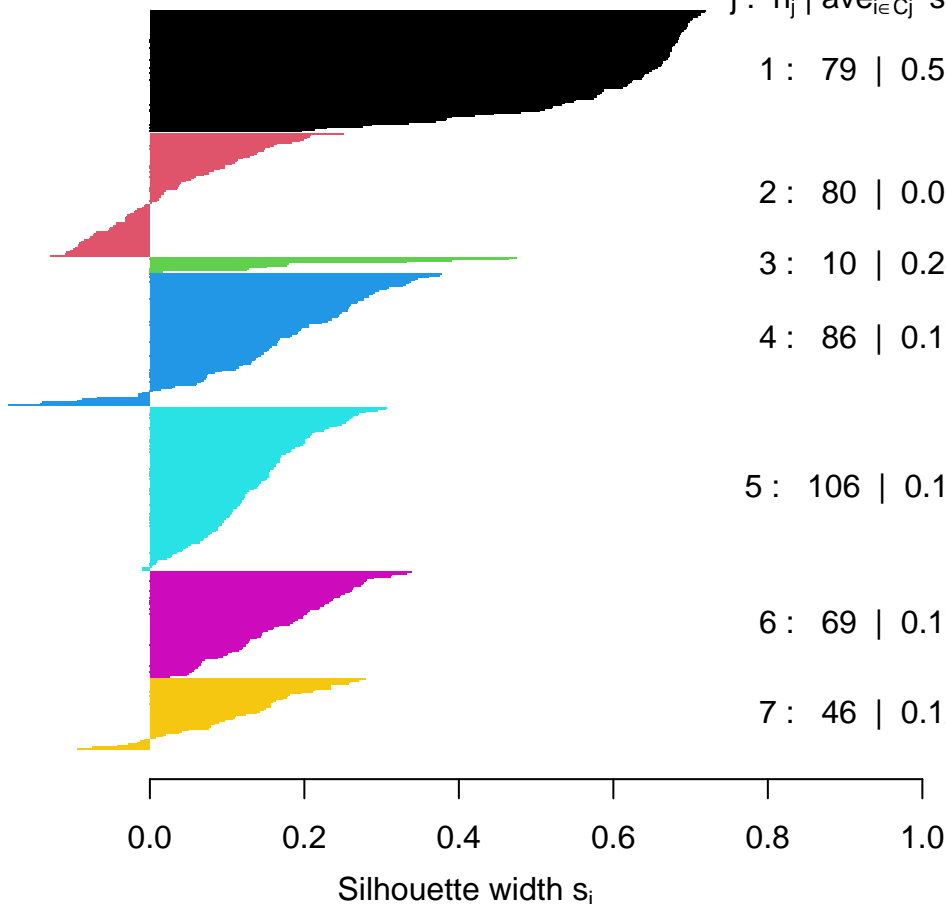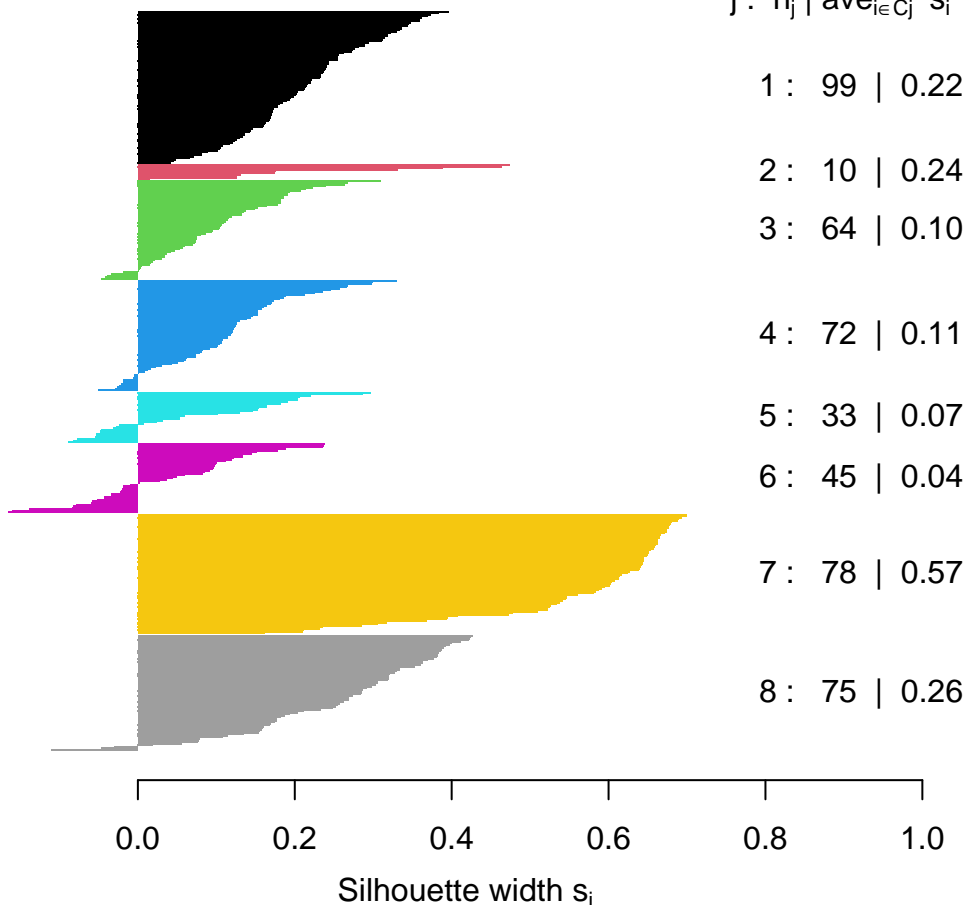$j : n_j \mid \text{ave}_{i \in C_j} s_i$

1 : 99 | 0.22

2 : 10 | 0.24

3 : 64 | 0.10

4 : 72 | 0.11

5 : 33 | 0.07

6 : 45 | 0.04

7 : 78 | 0.57

8 : 75 | 0.26

Silhouette width s_i

Average silhouette width : 0.22

ECs : MaxSilhouette for tested clusters