**Silhouette plot of (x = df_anno$CellType, dmatrix = 1 − sample_cor)**
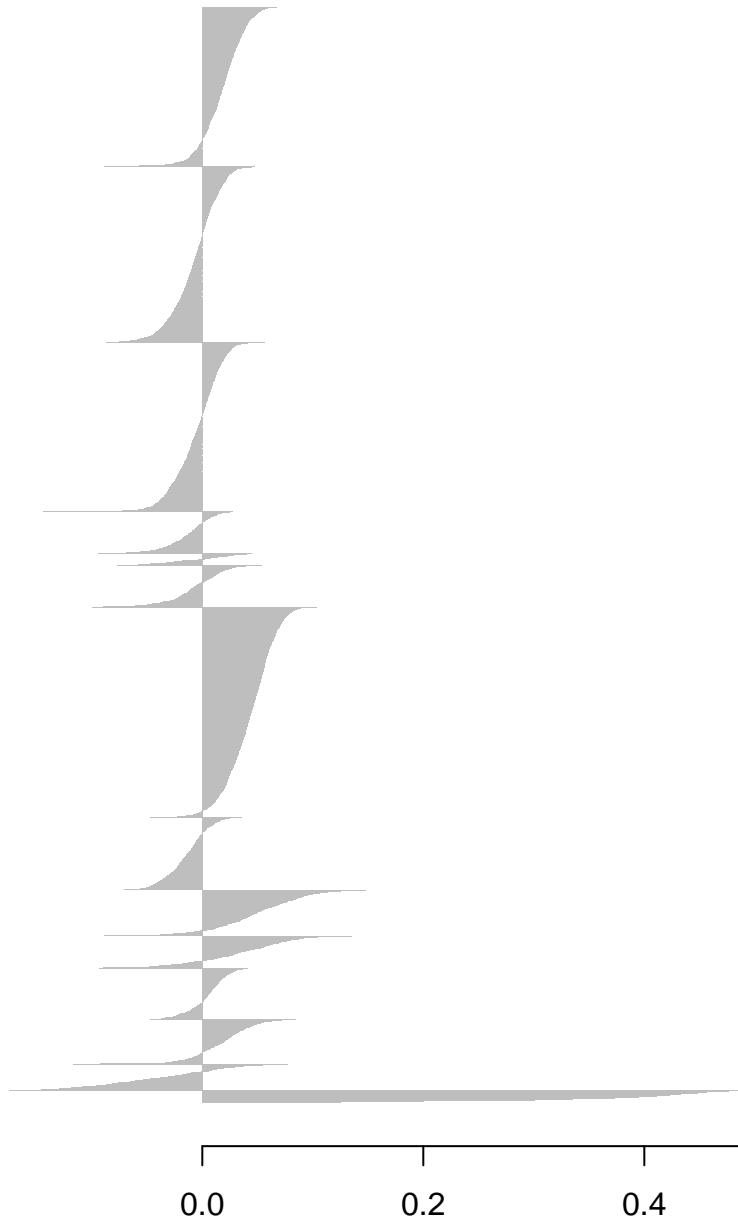
n = 10032

14 clusters $C_j$

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

1 : 1462 | 0.02

2 : 1611 | −0.007

3 : 1549 | −0.006

4 : 385 | −0.01
5 : 106 | −0.006
6 : 383 | −0.007

7 : 1929 | 0.04

8 : 664 | −0.01

9 : 420 | 0.05

10 : 295 | 0.03

11 : 472 | 0.004

12 : 407 | 0.02

13 : 242 | −0.04
14 : 107 | 0.37

Silhouette width $s_i$

Average silhouette width : 0.01