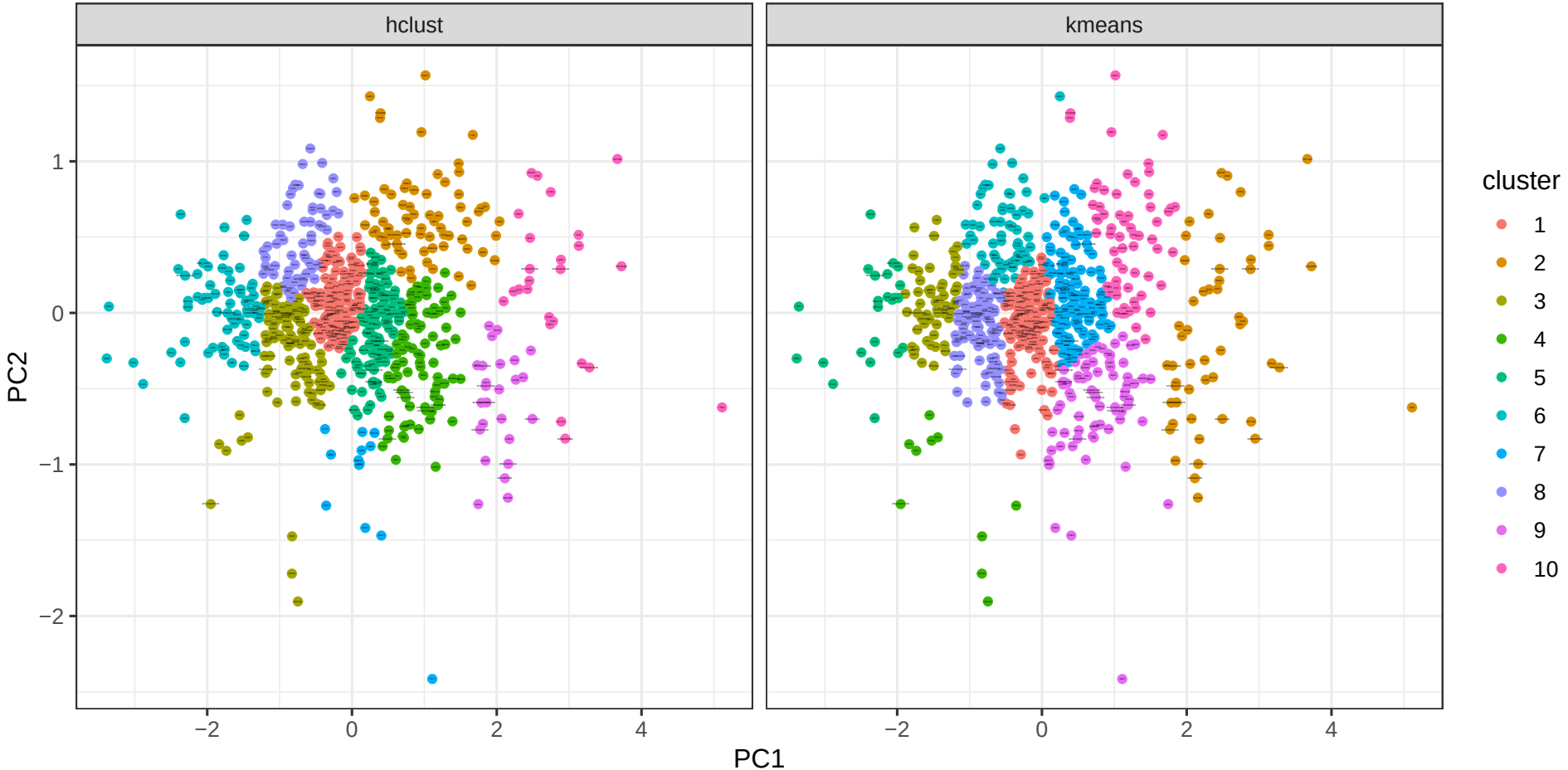
hclust
kmeans
PC2
PC1
1
0
−1
−2
−2
0
2
4
cluster
1
2
3
4
5
6
7
8
9
10