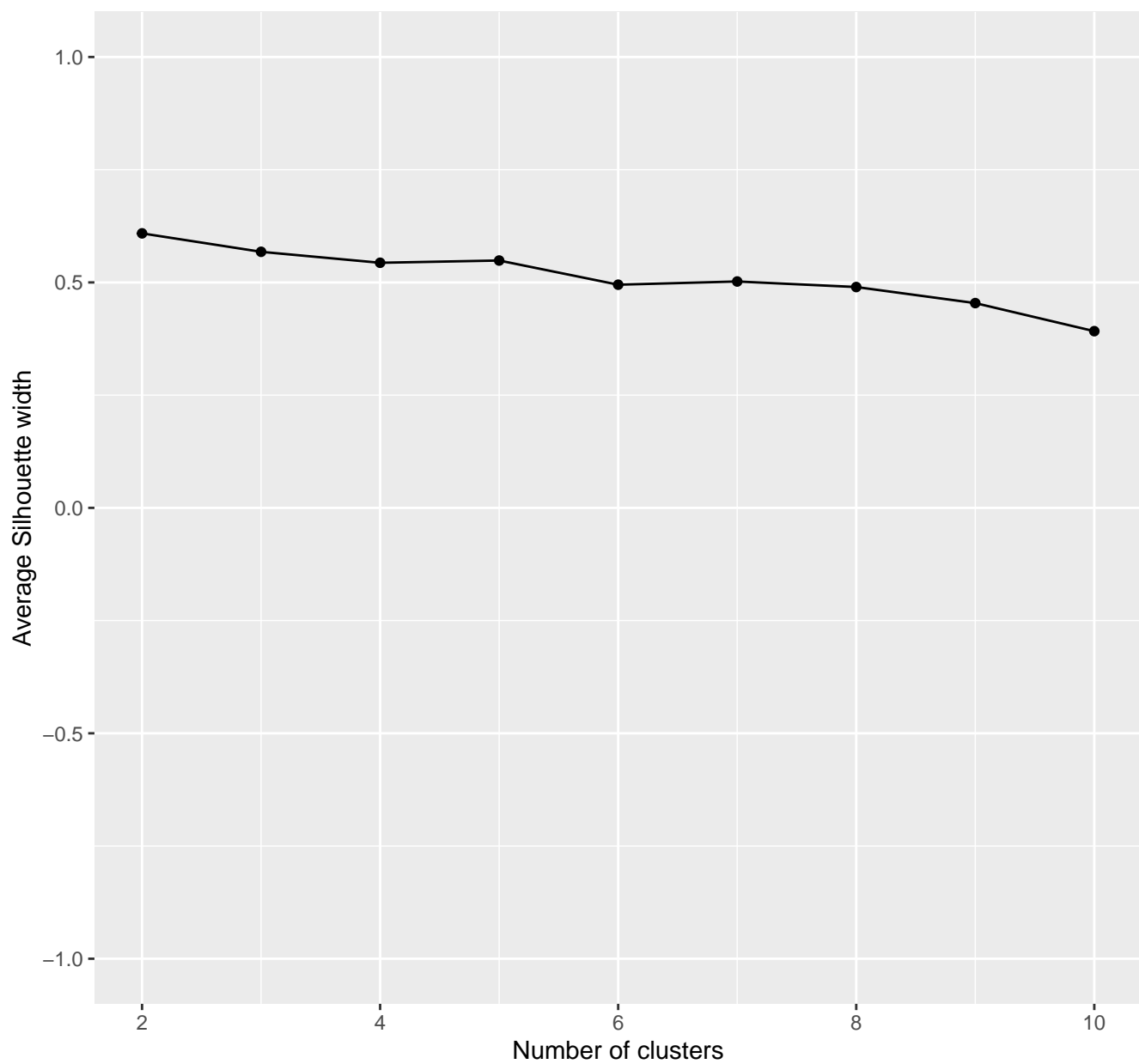


Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

K-Means elbow plot

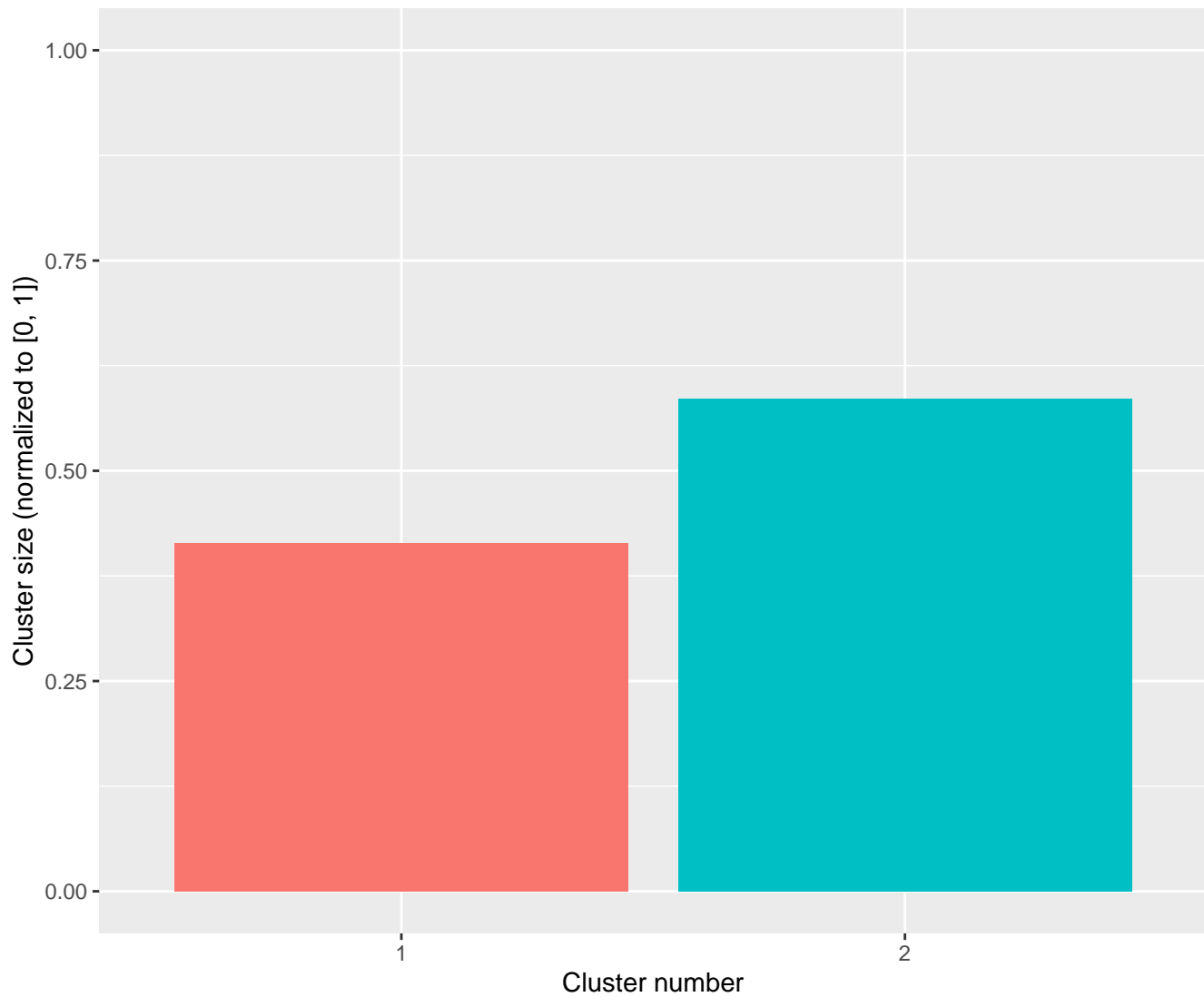


Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

Clustering: KMEANS

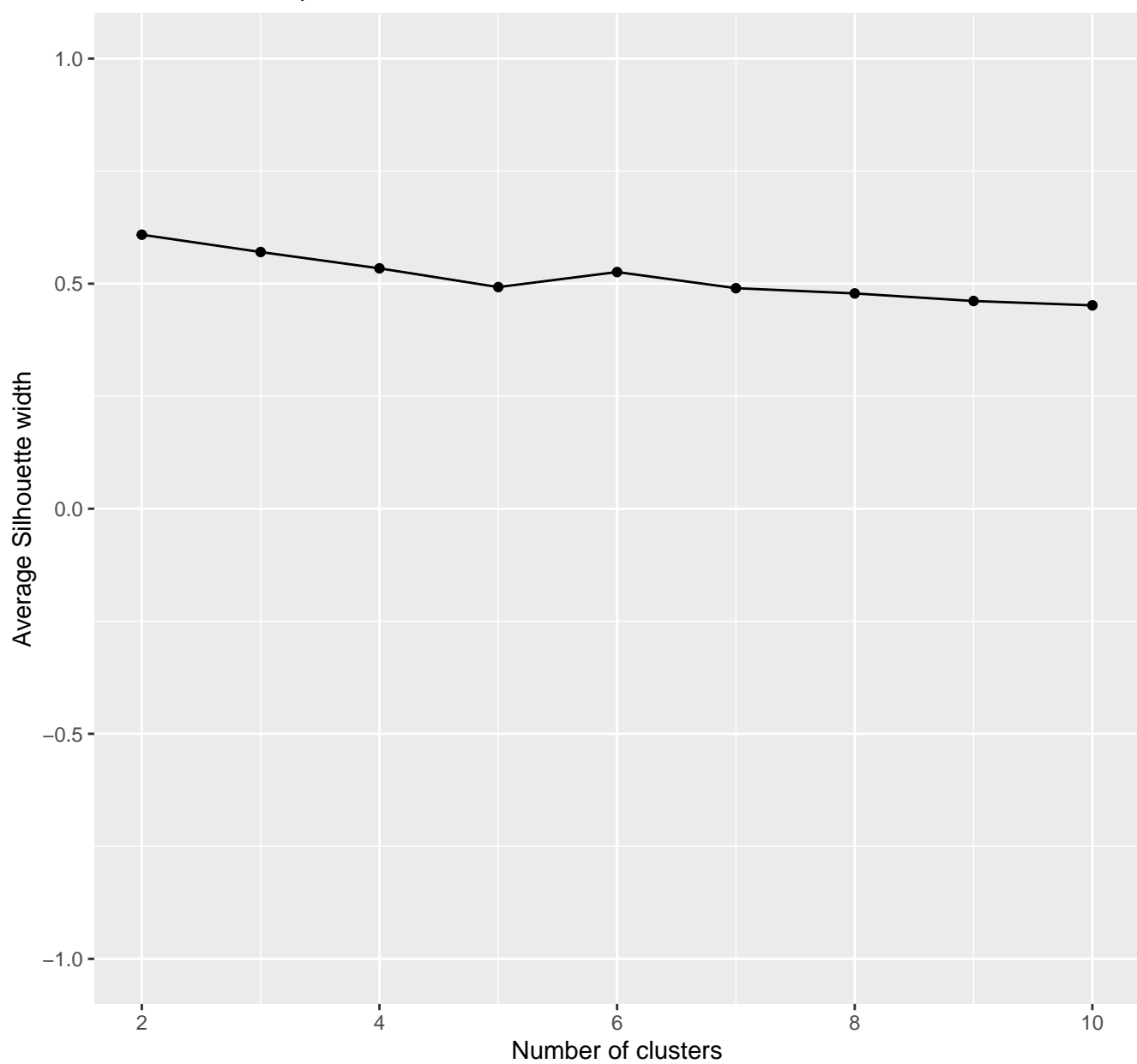
Parameters used: k = 2

Cluster 1 2



Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

K-Medians elbow plot

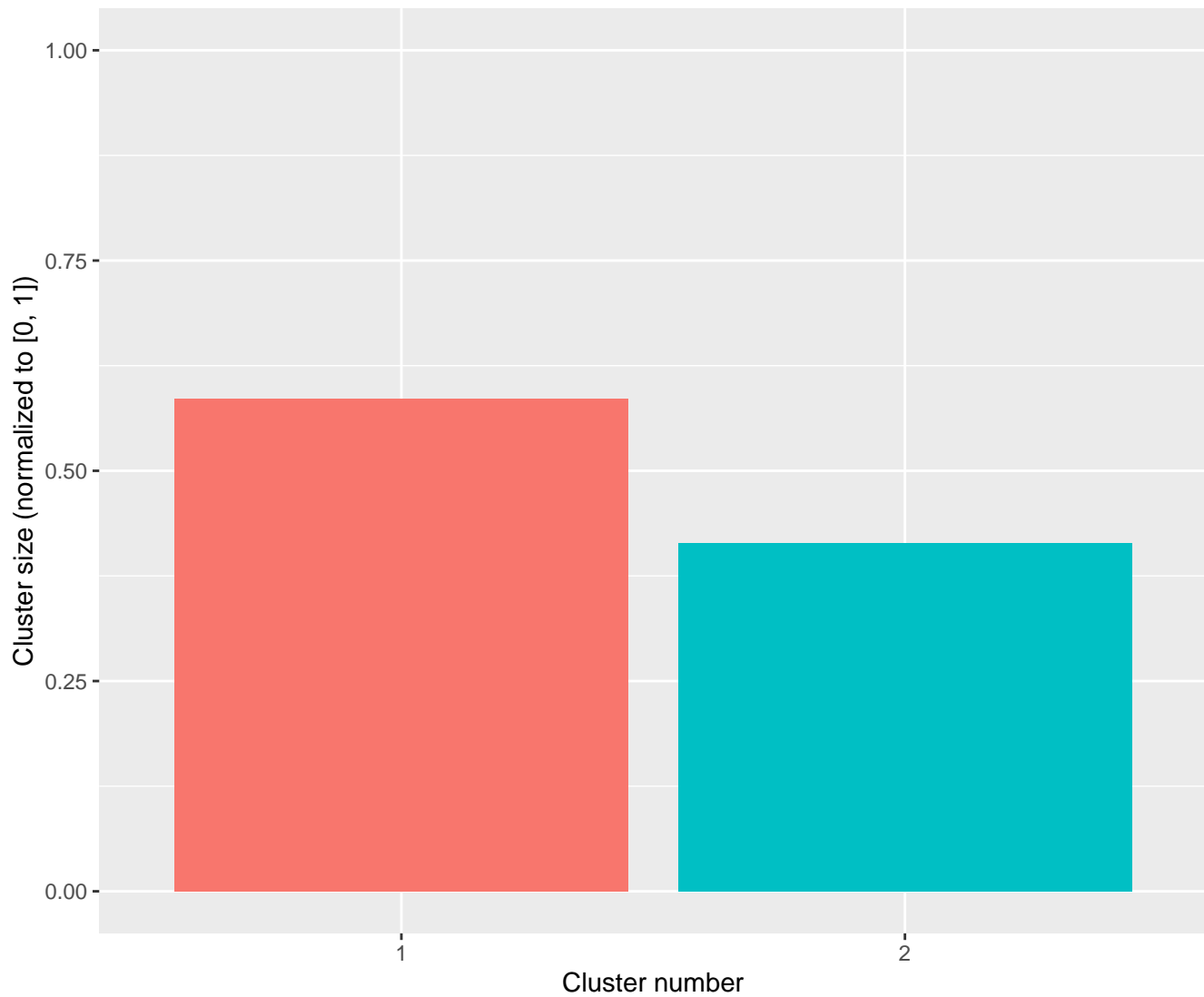


Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

Clustering: KMEDIANS

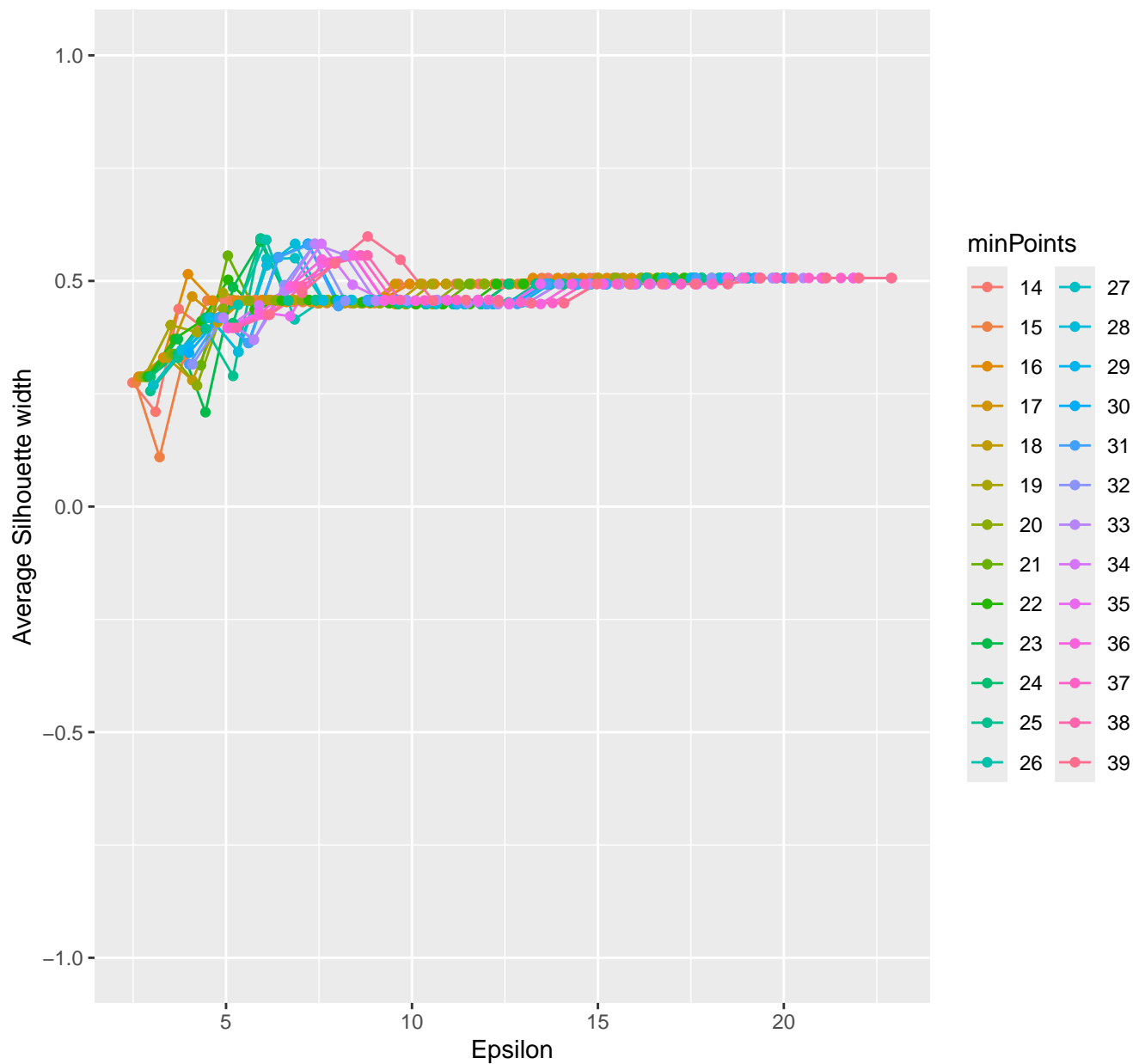
Parameters used: k = 2

Cluster 1 2



Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

DBSCAN elbow plot

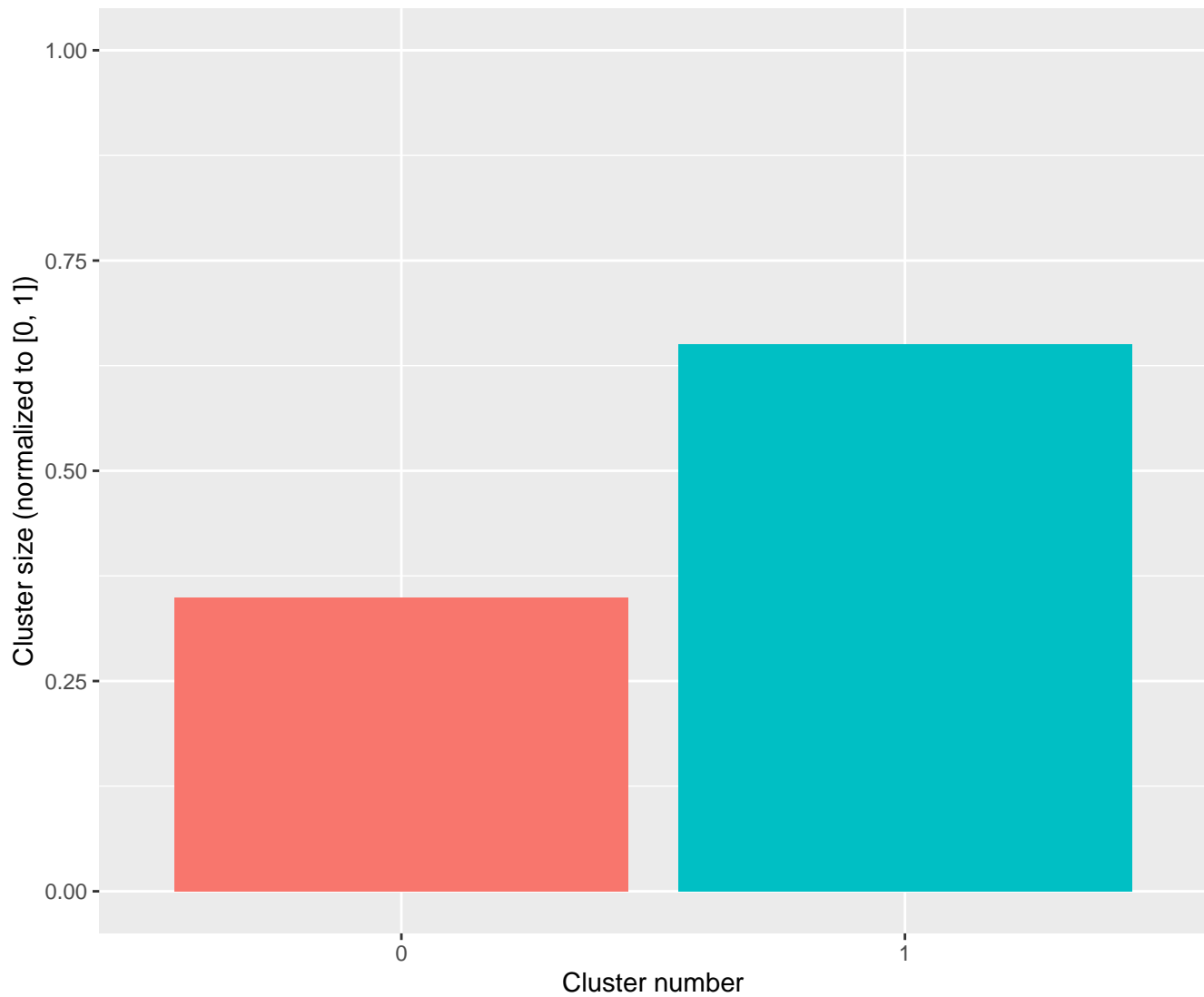


Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

Clustering: DBSCAN

Parameters used: minPoints = 39, epsilon = 8.80909

Cluster 0 1

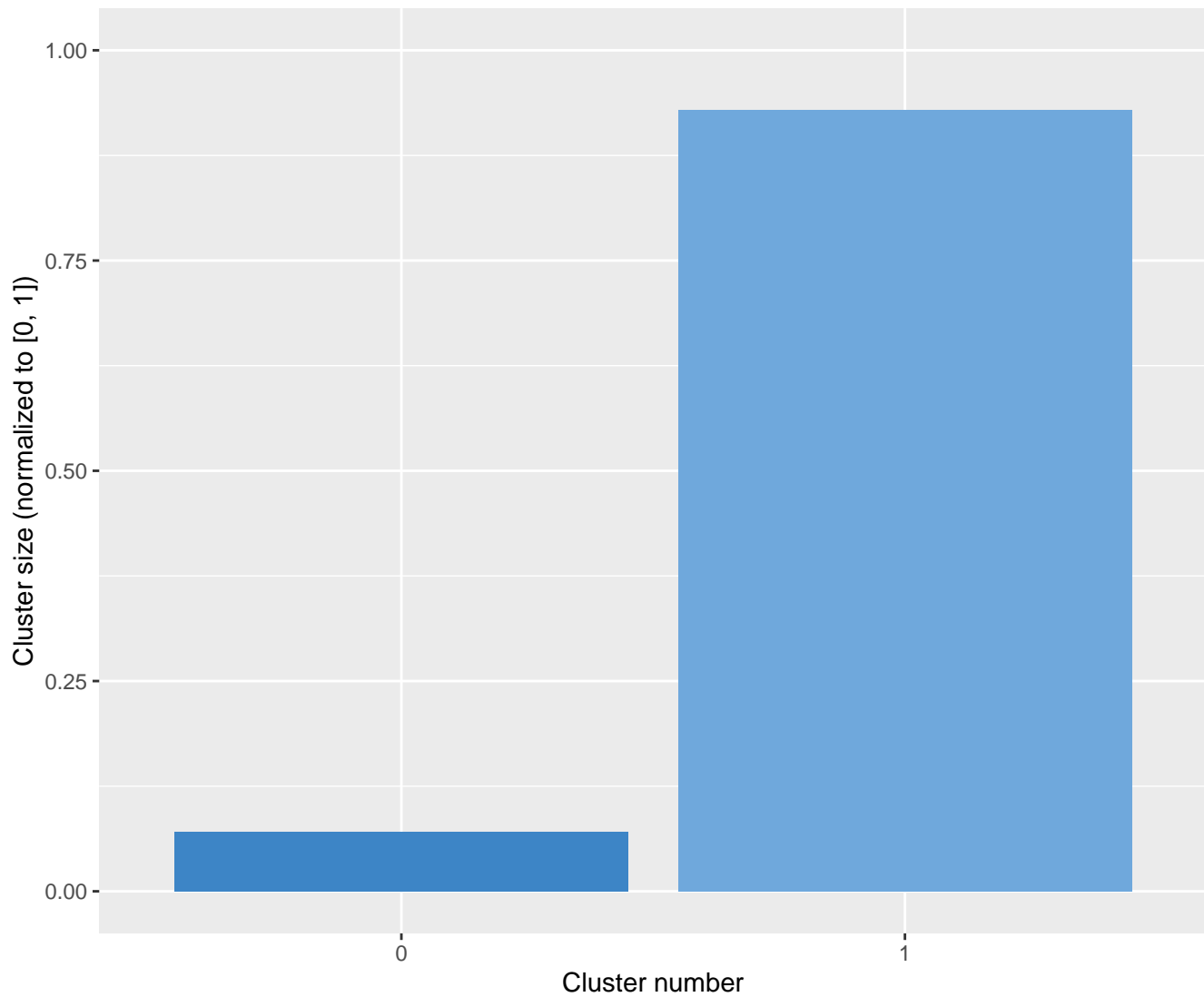


Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

DBSCAN clustering with visual inspection

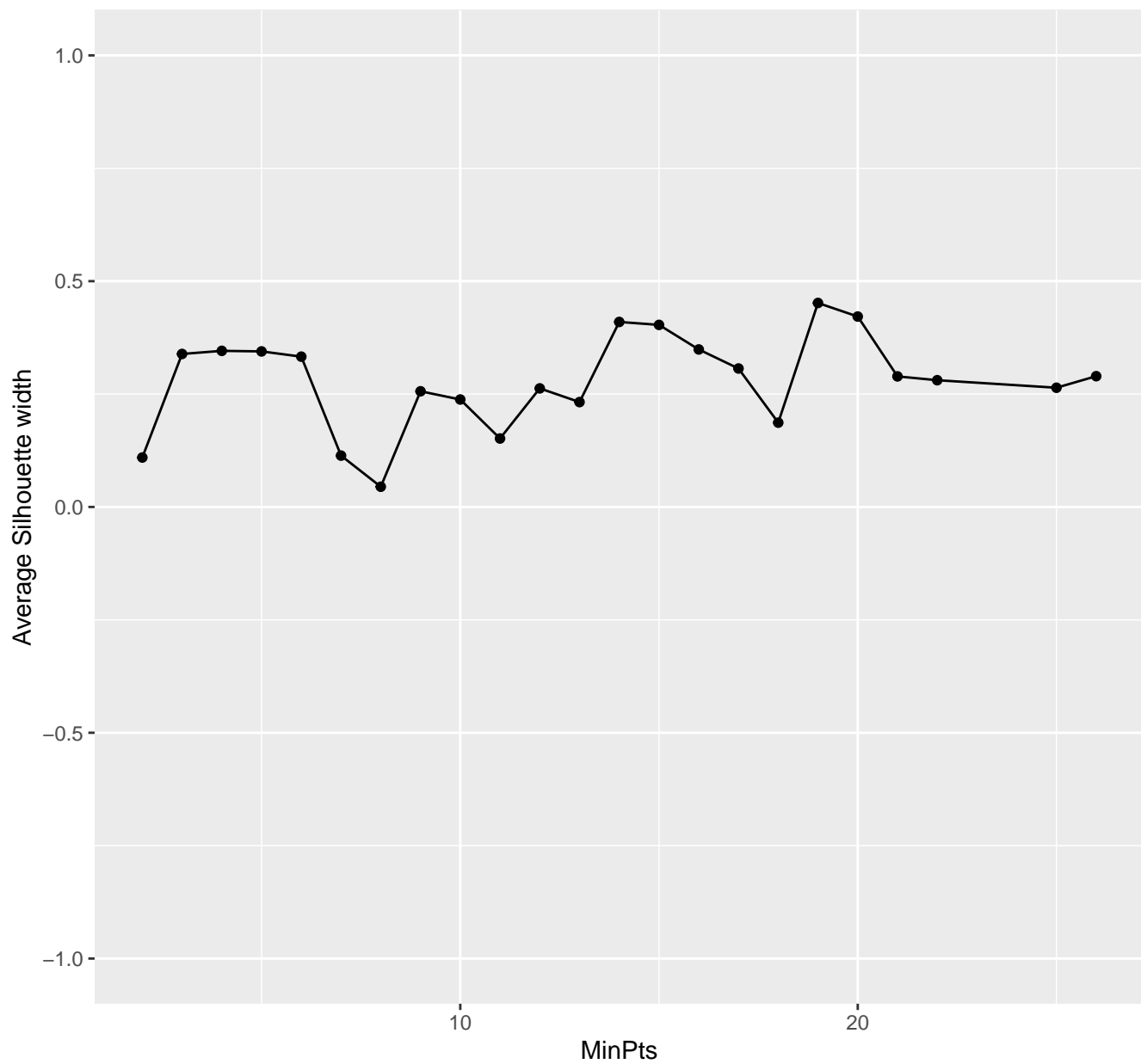
Parameters used: minPoints = 25, epsilon = 7.5

Cluster 0 1



Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

HDBSCAN elbow plot



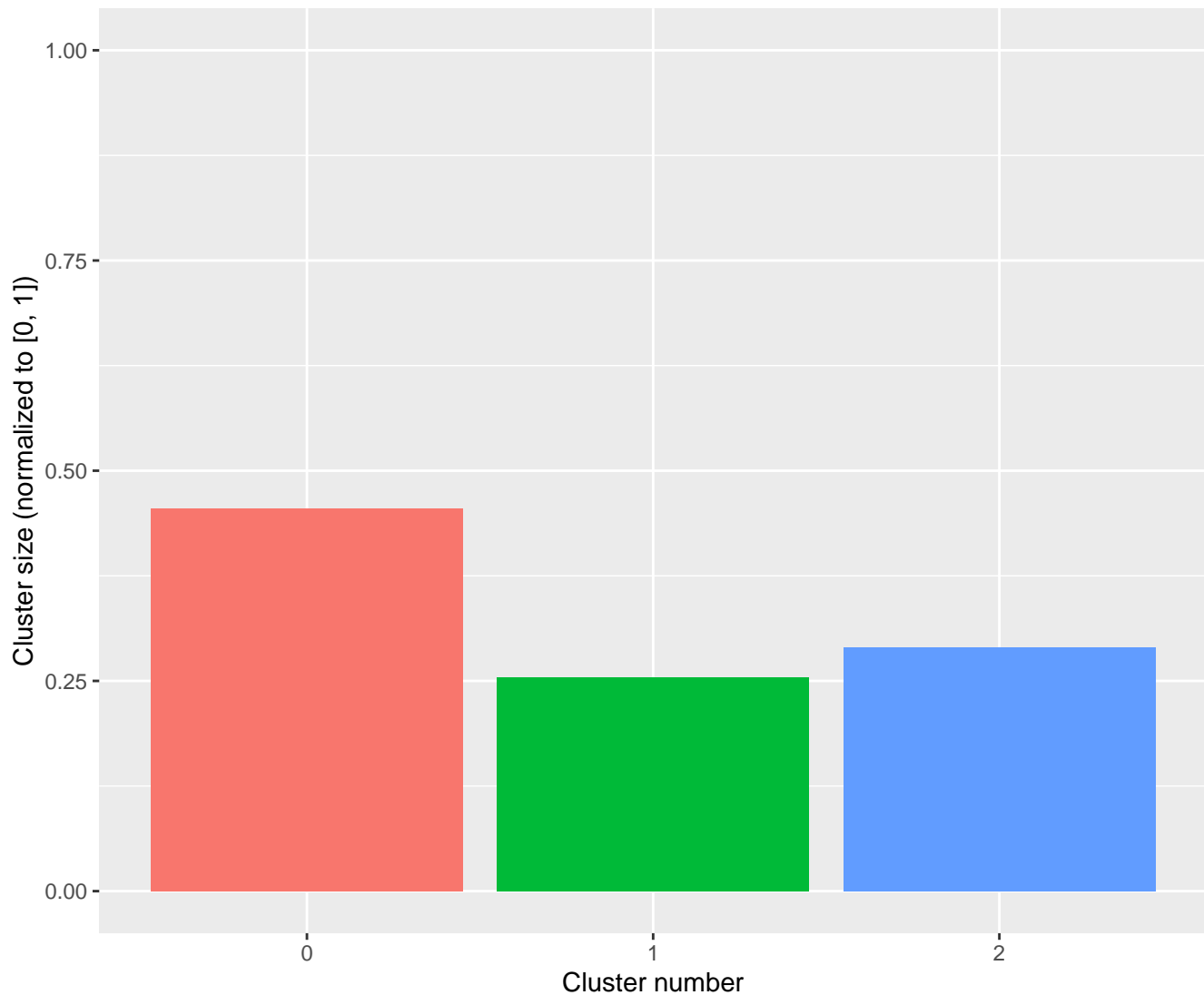


Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

Clustering: HDBSCAN

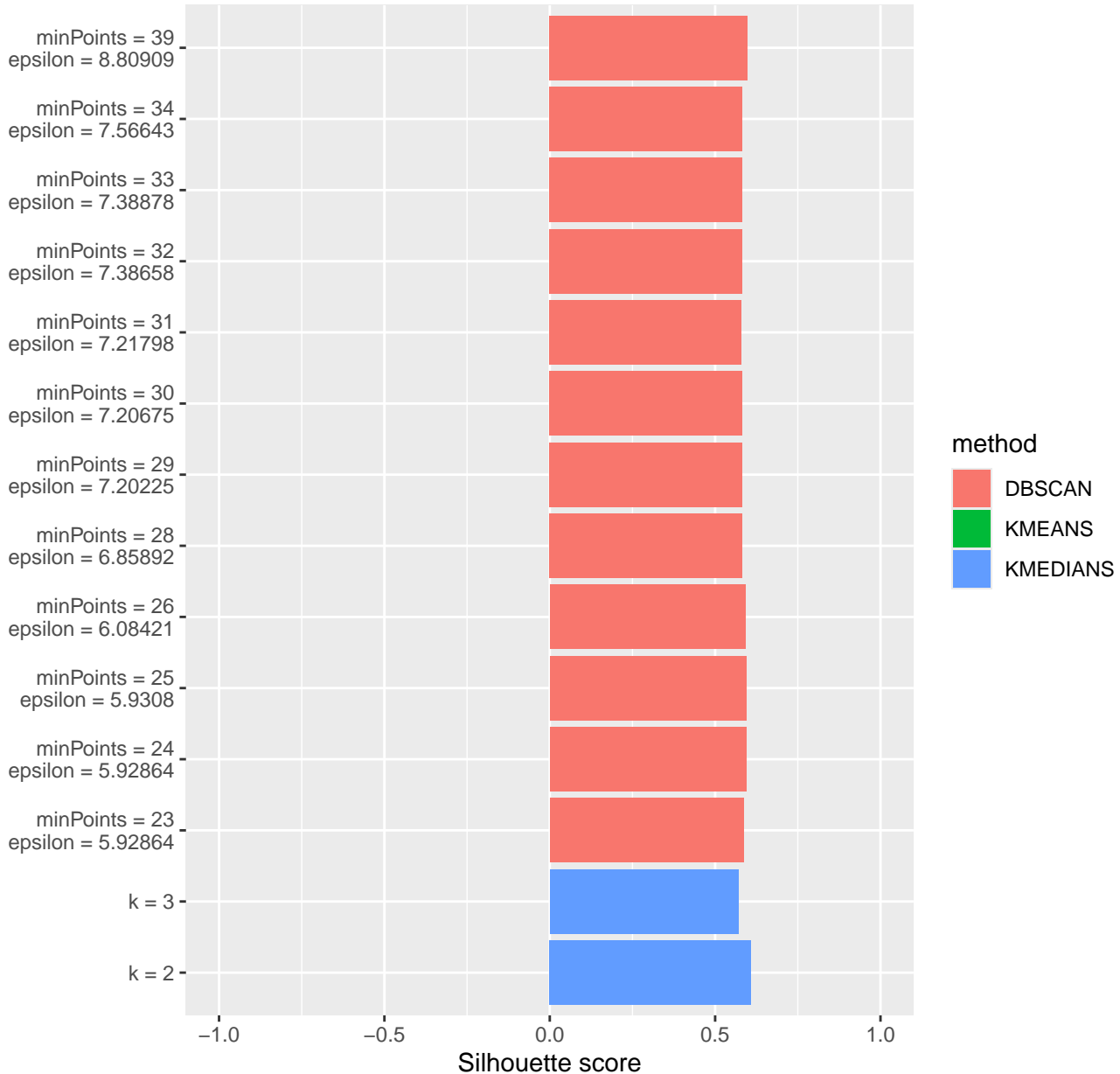
Parameters used: minPoints = 19

Cluster ■ 0 ■ 1 ■ 2



# Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

Hyperparameter combinations ranked by its average Silhouette score



Dataset: 10\_7717\_peerj\_5665\_dataYM2018\_neuroblastoma.csv

Algorithms ranked by their average Silhouette score

