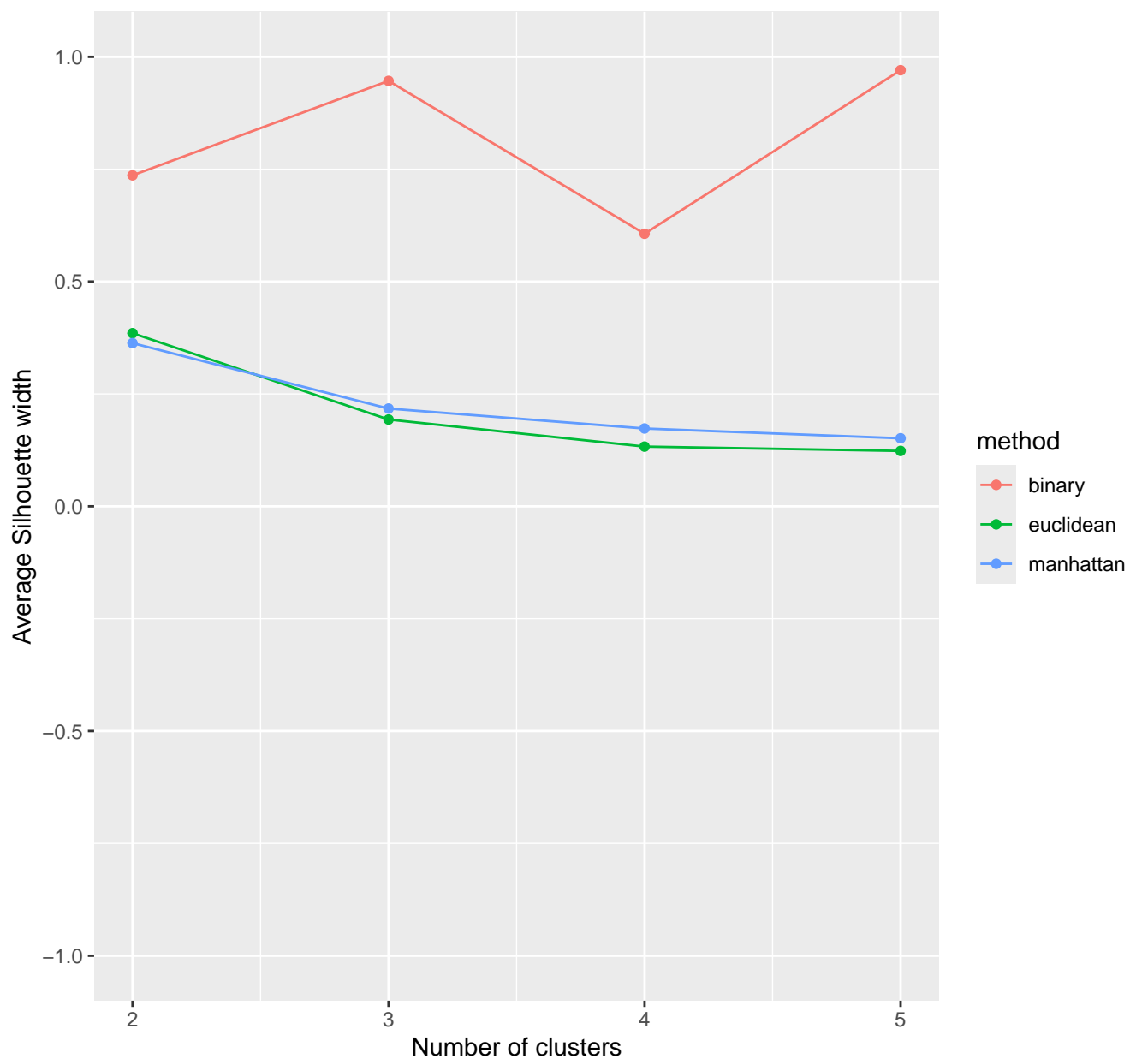


K-Means elbow plot

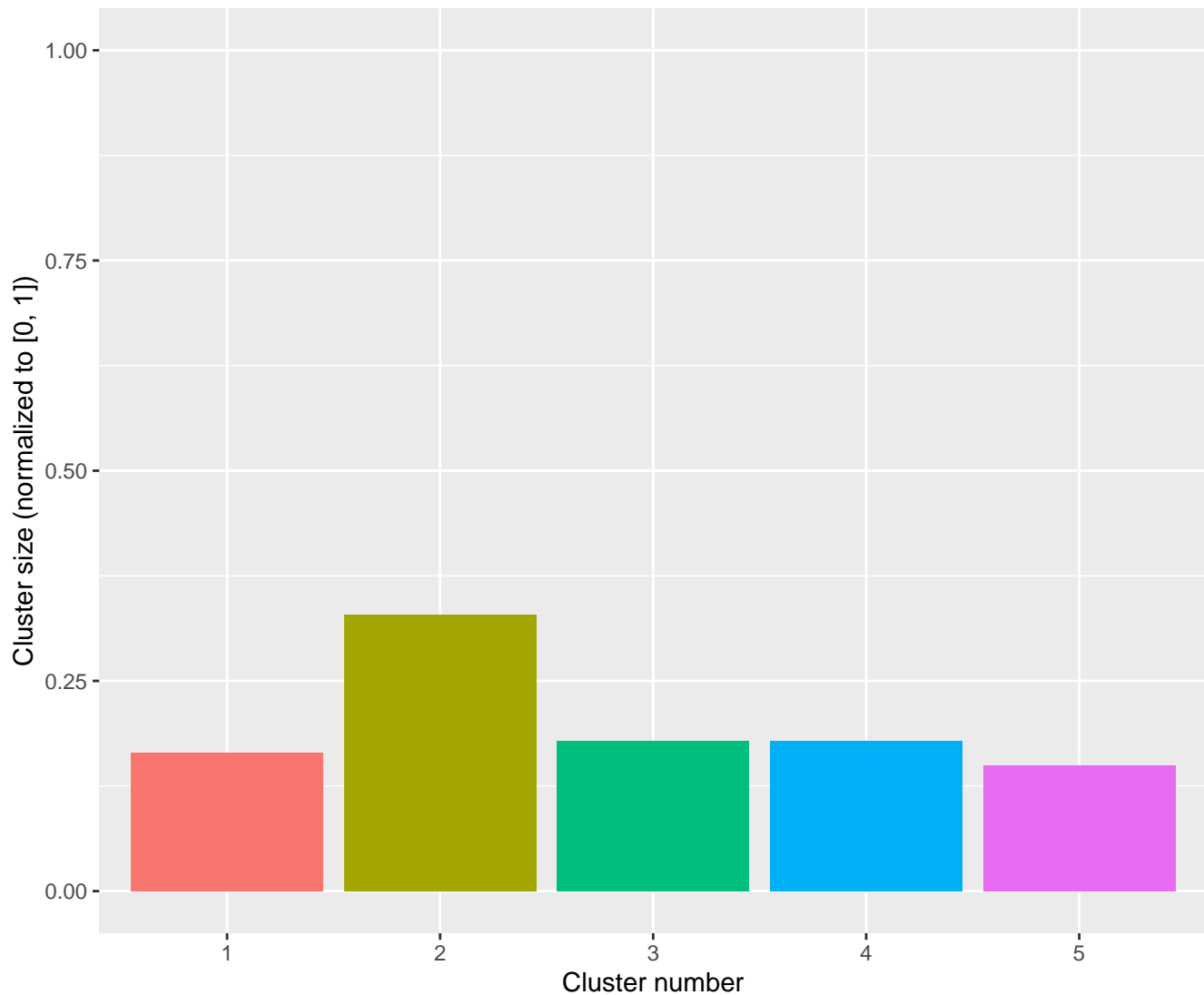


Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset\_preproces

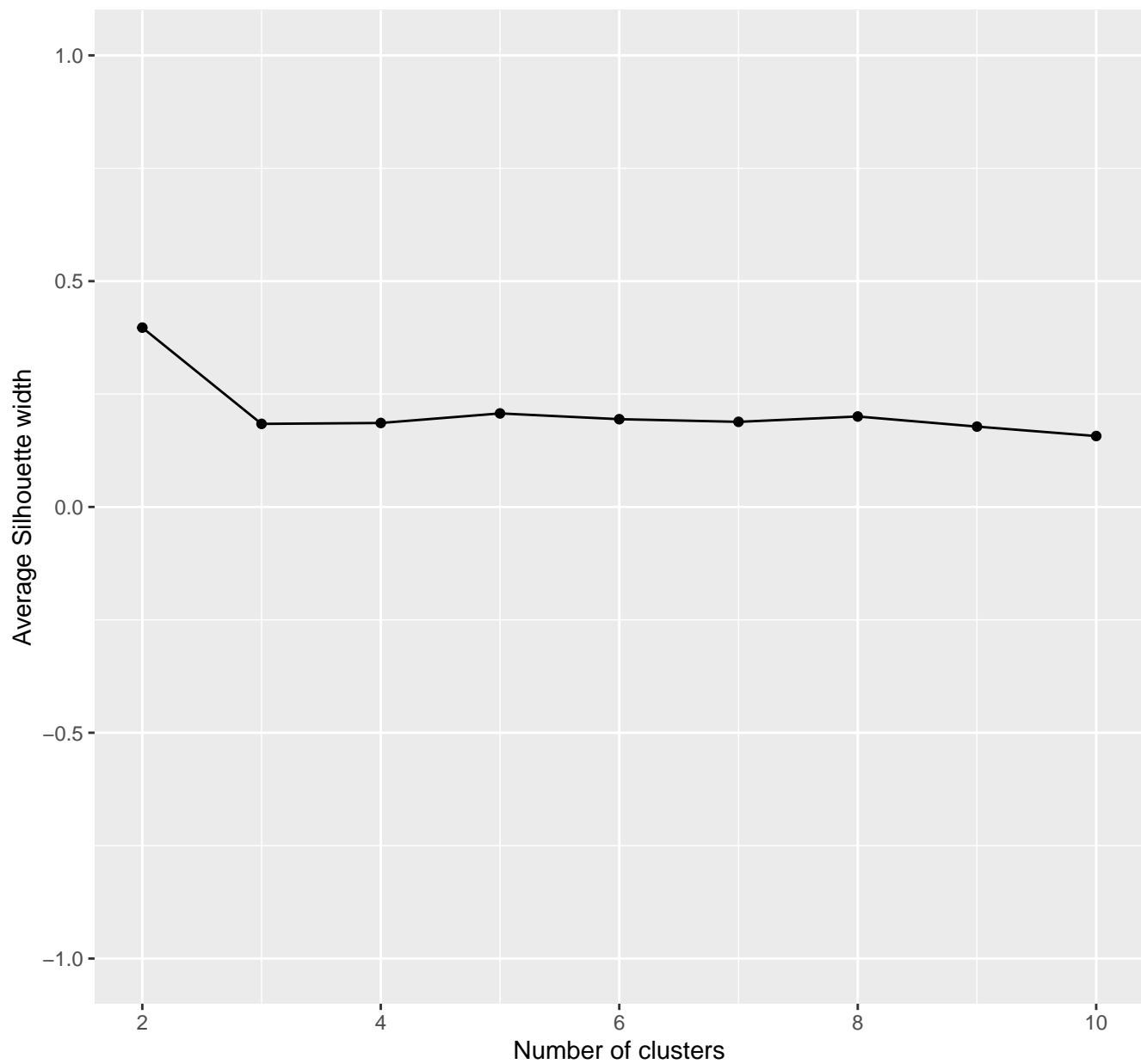
Clustering: KMEANS

Parameters used: k = 5, method = binary

Cluster ■ 1 ■ 2 ■ 3 ■ 4 ■ 5



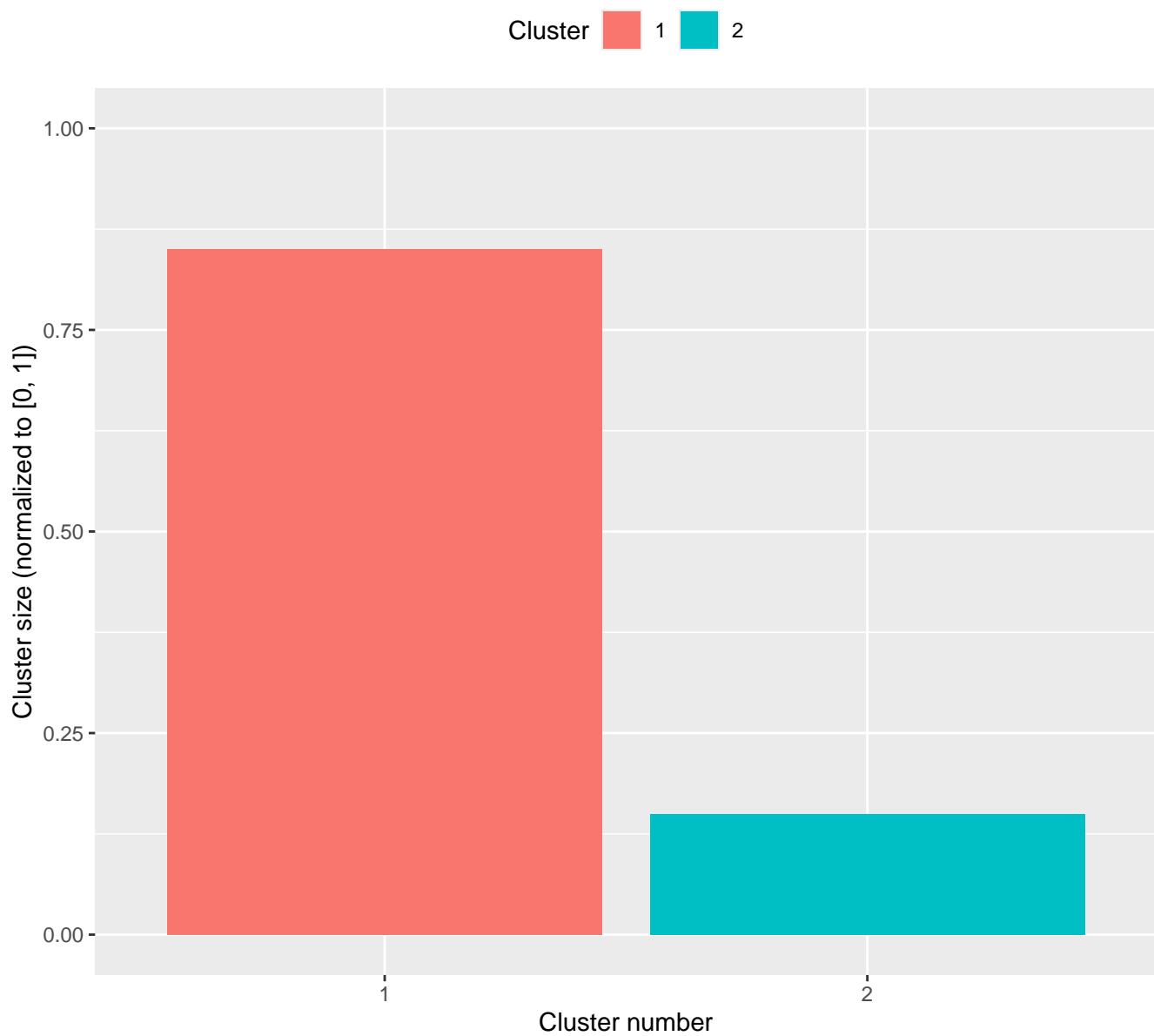
## K-Medians elbow plot



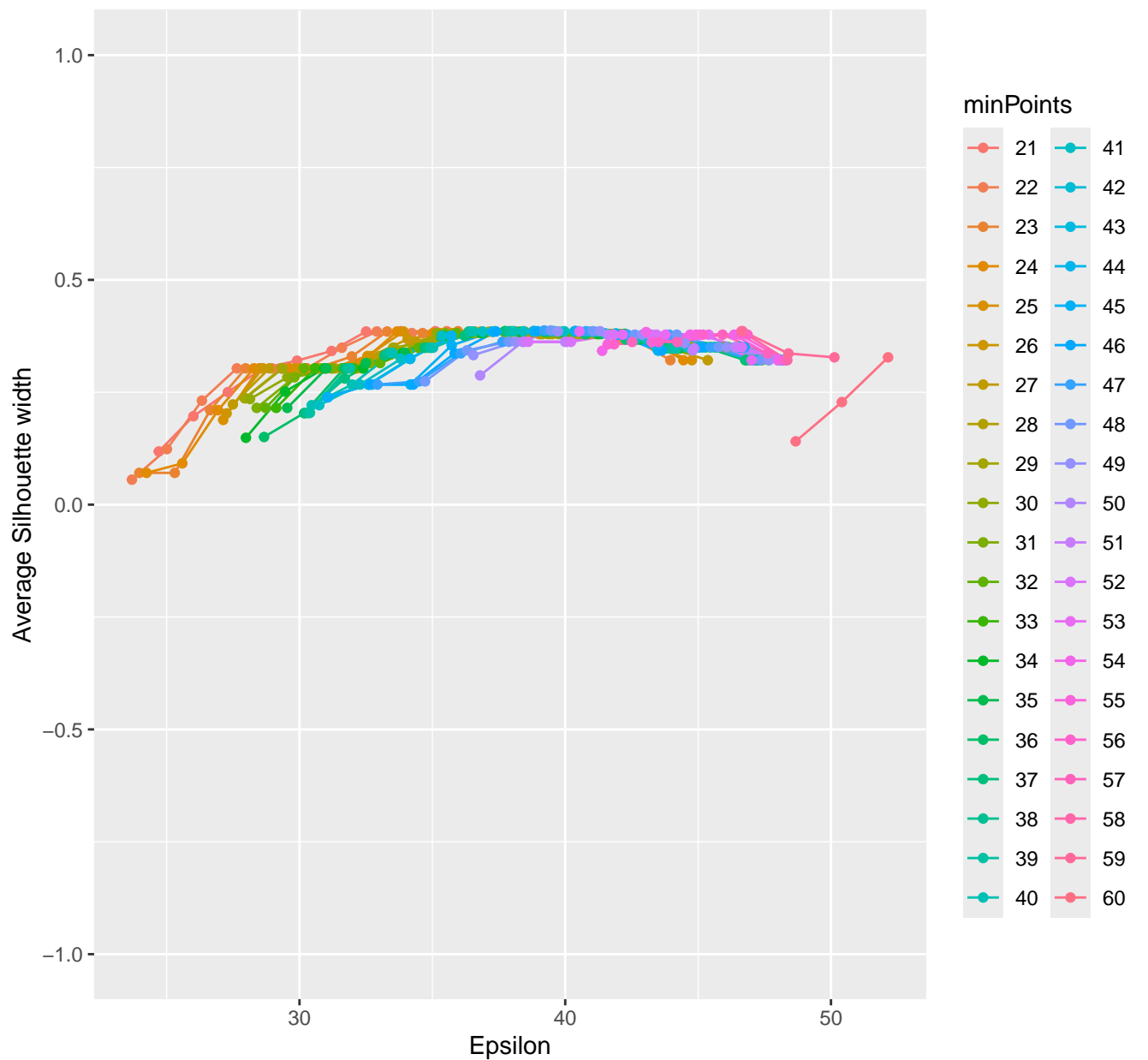
Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset\_preproces

Clustering: KMEDIANS

Parameters used: k = 2



## DBSCAN elbow plot

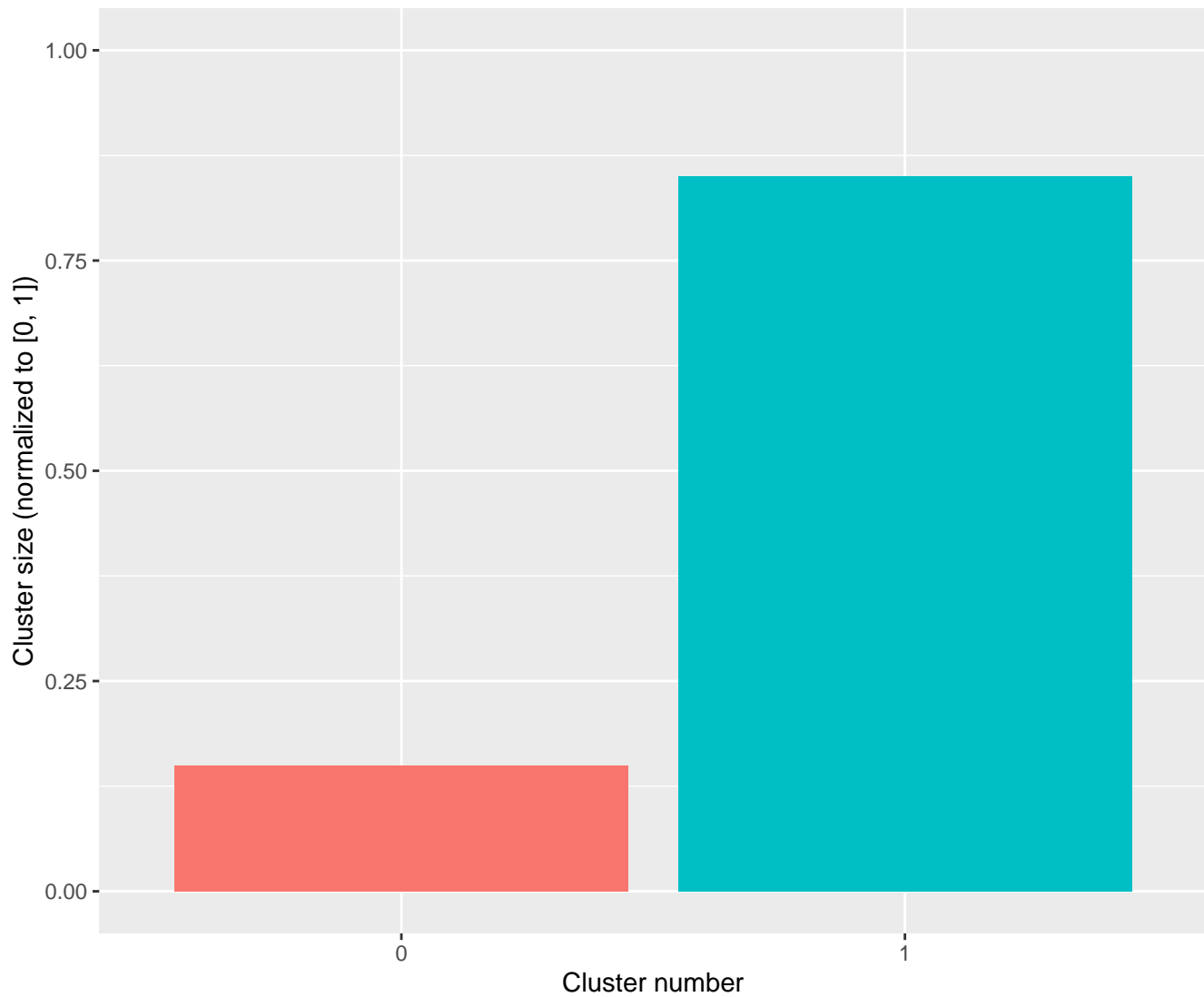


Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset\_preproces

Clustering: DBSCAN

Parameters used: minPoints = 47, epsilon = 39.20665

Cluster 0 1

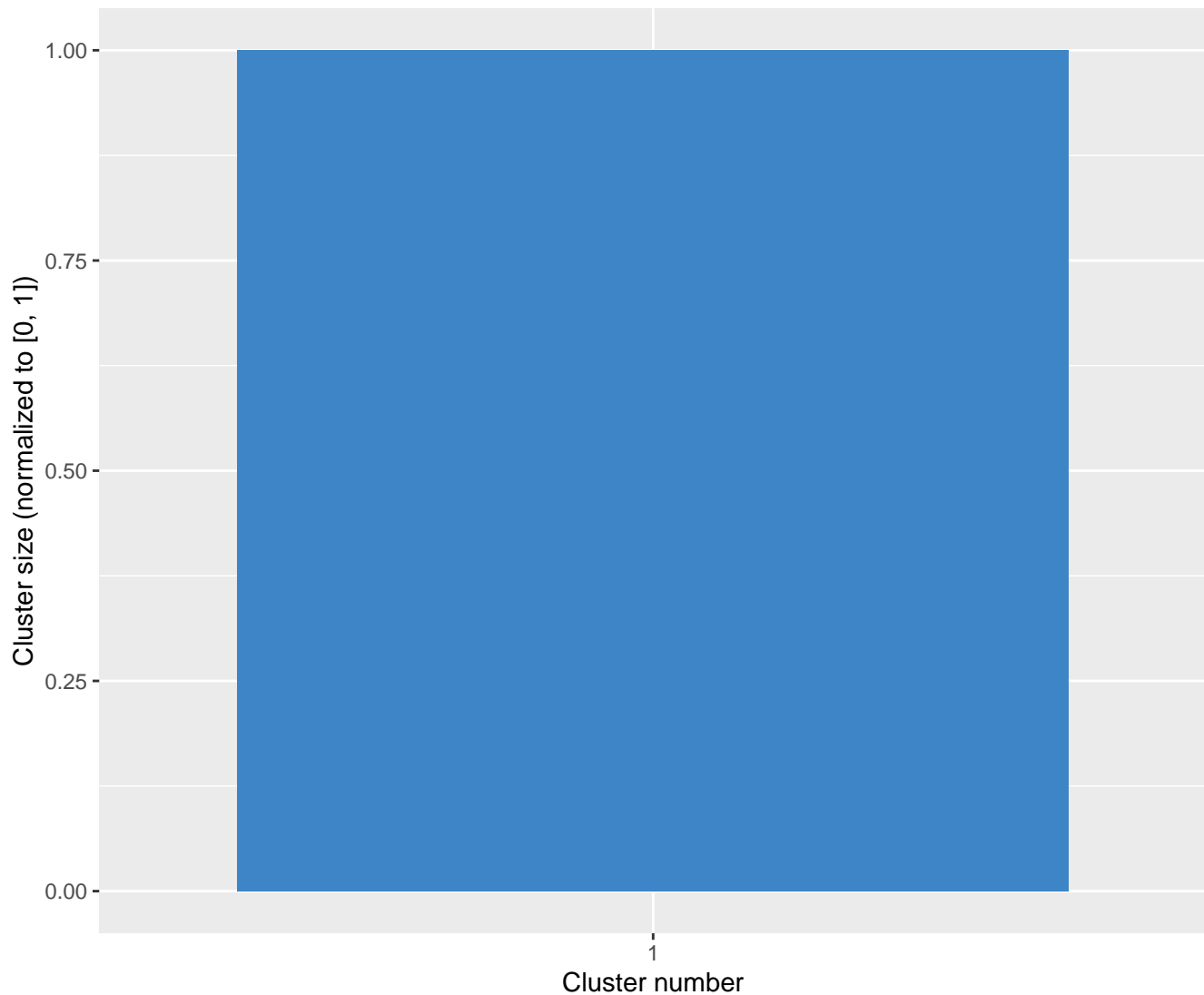


Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset\_preproces

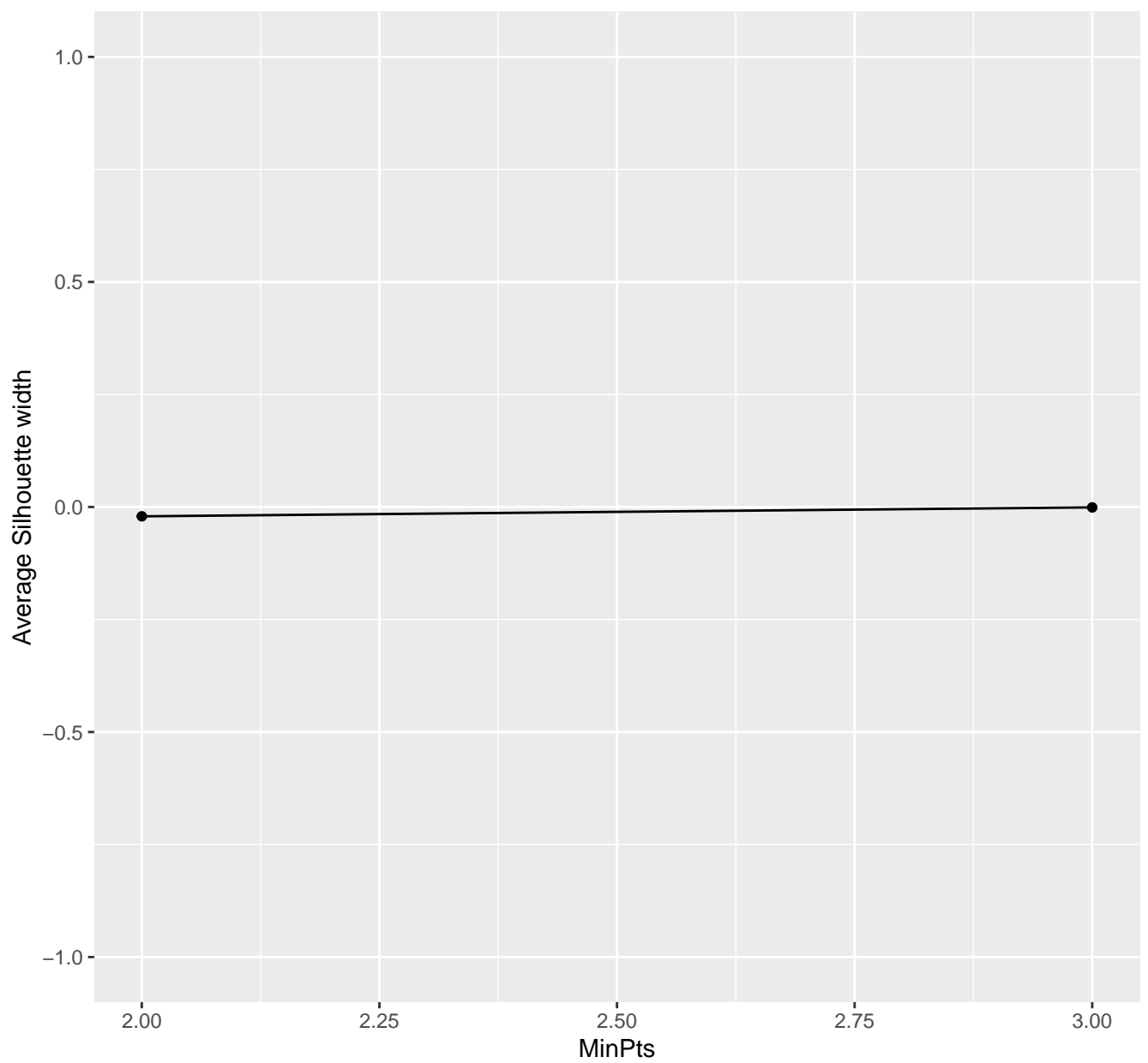
DBSCAN clustering with visual inspection

Parameters used: minPoints = 39, epsilon = 50

Cluster  1



HDBSCAN elbow plot



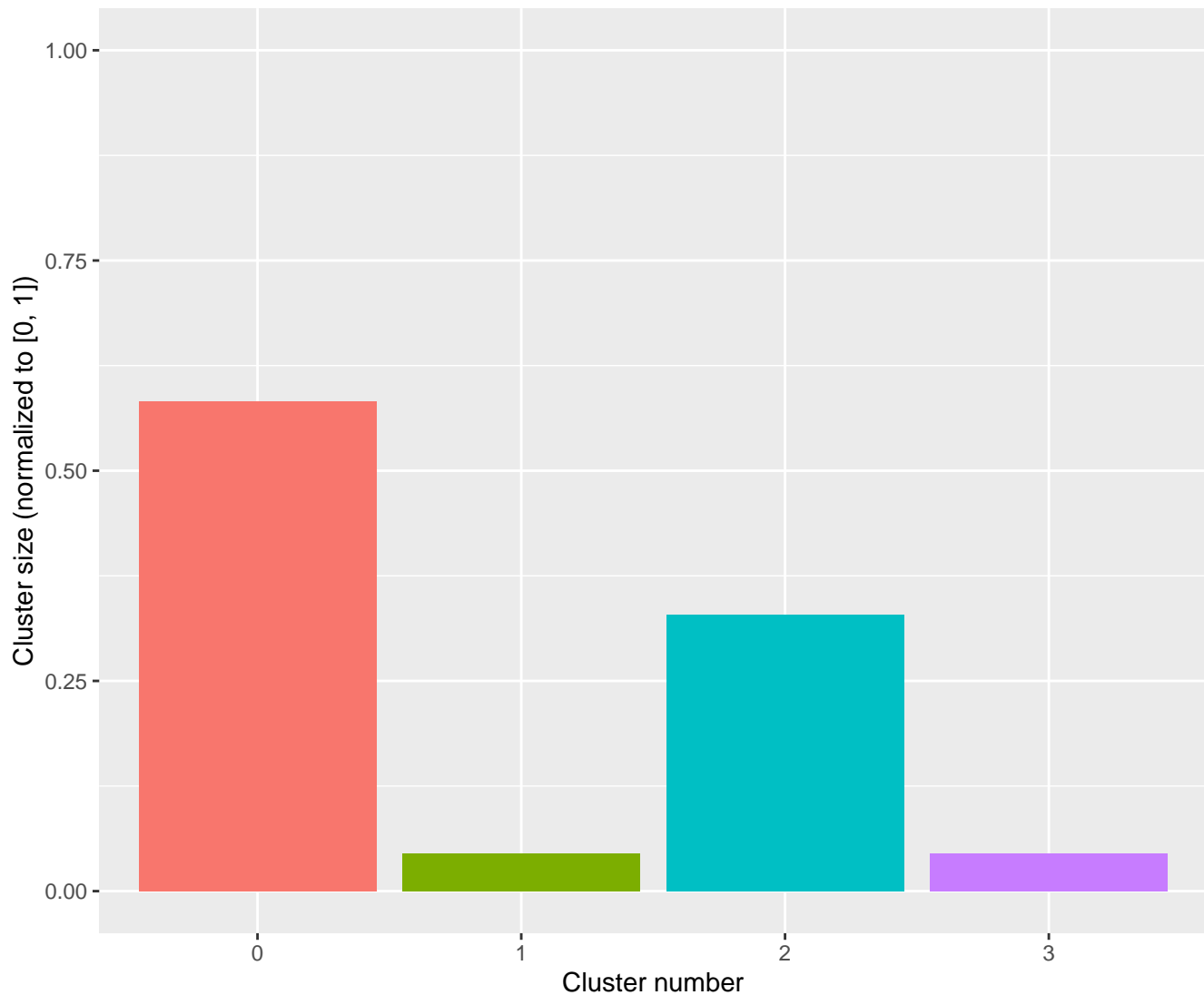


Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset\_preproces

Clustering: HDBSCAN

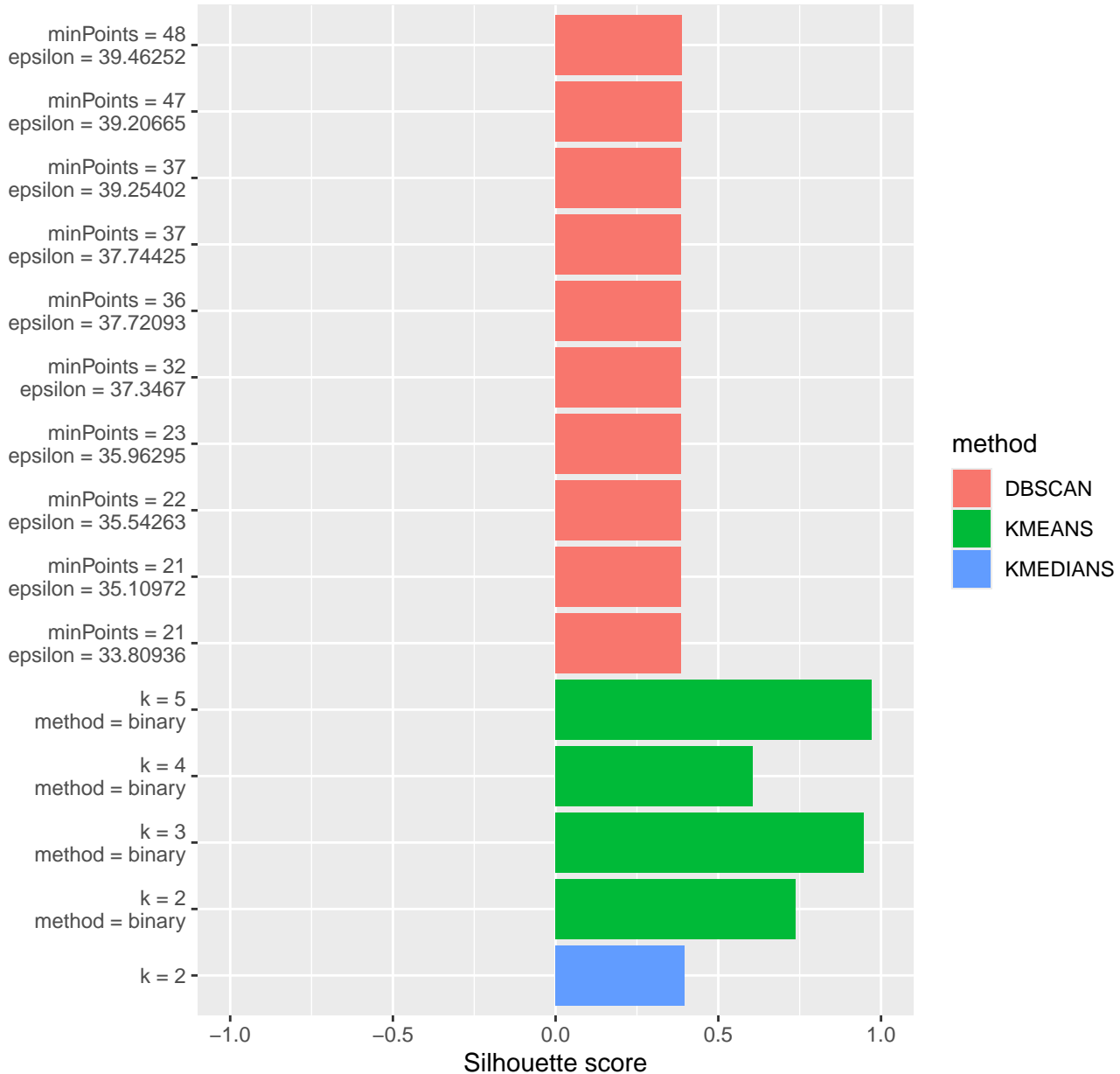
Parameters used: minPoints = 3

Cluster 0 1 2 3



Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset

Hyperparameter combinations ranked by its average Silhouette score



Dataset: journal.pone.0216416\_Takashi2019\_diabetes\_type1\_dataset\_preproc

Algorithms ranked by their average Silhouette score

