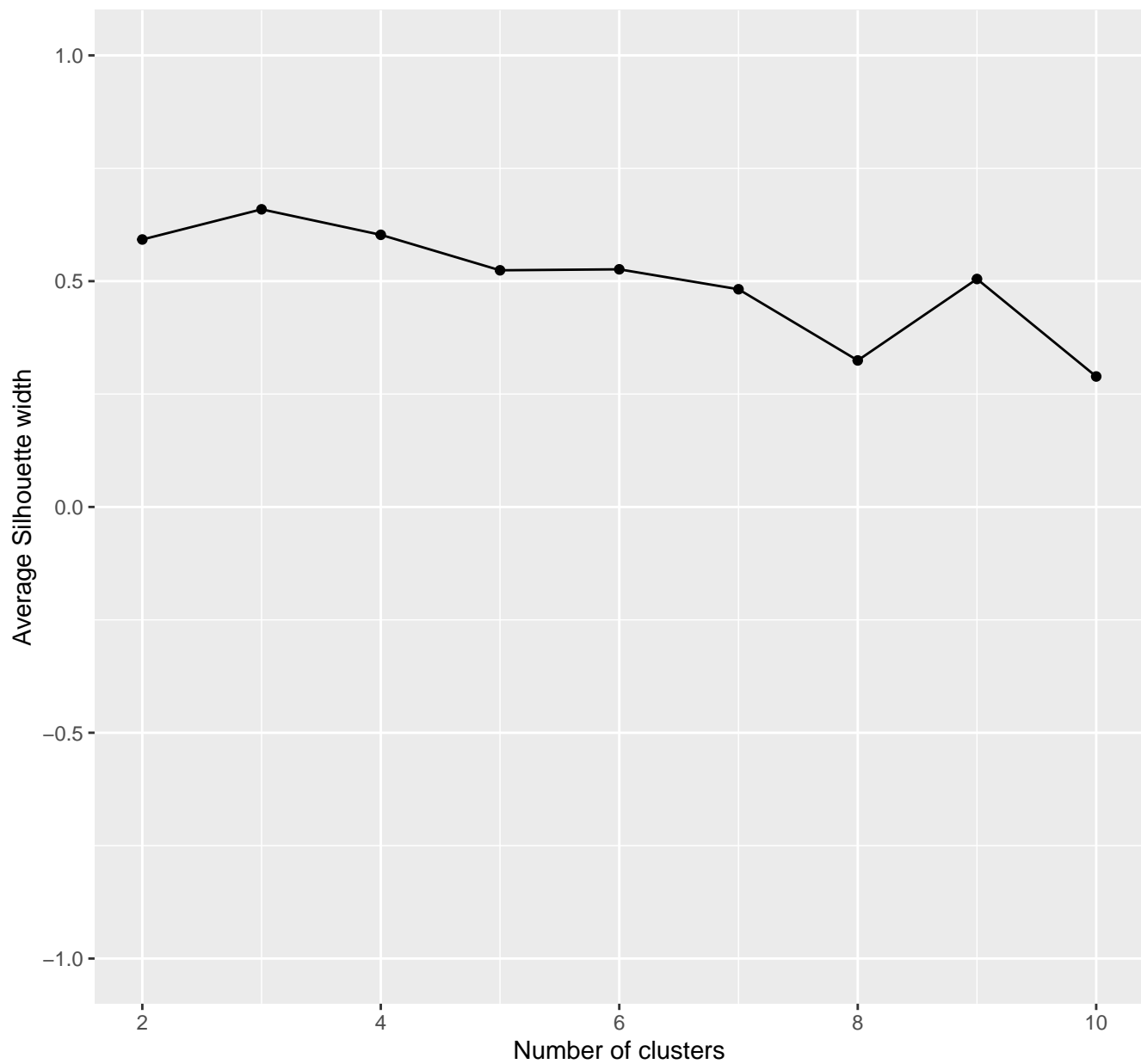


Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

K-Means elbow plot

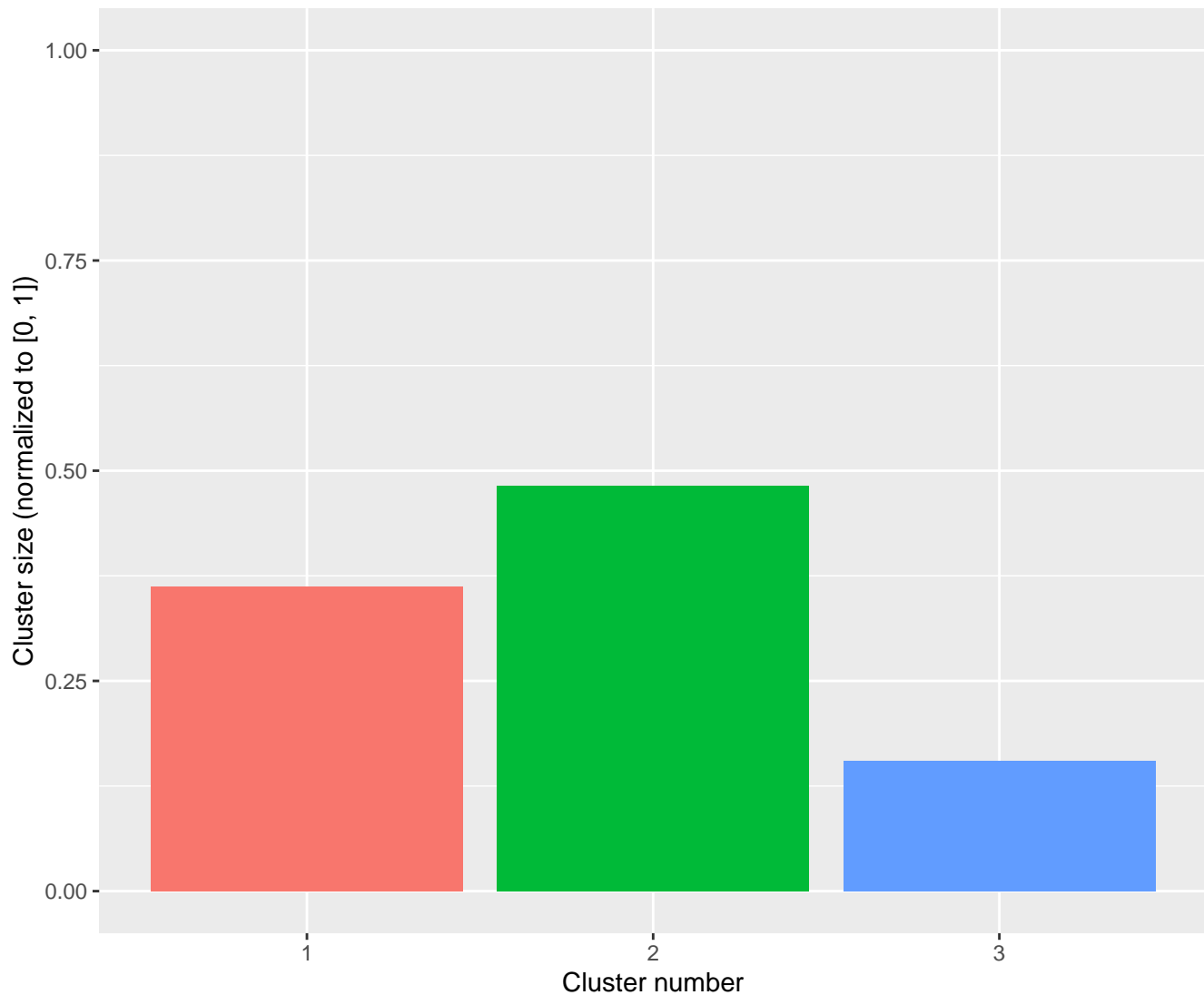


Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

Clustering: KMEANS

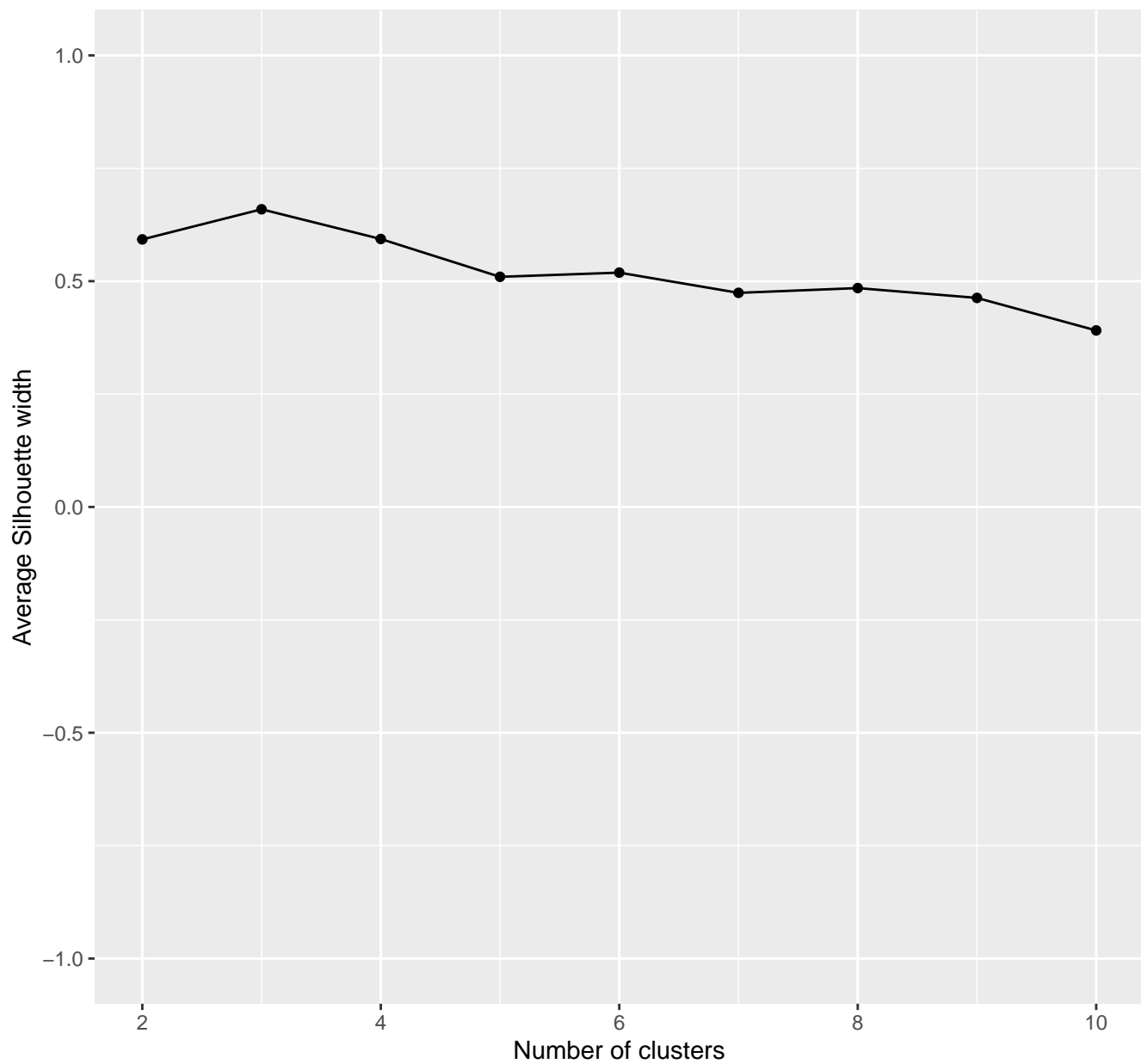
Parameters used: k = 3

Cluster ■ 1 ■ 2 ■ 3



Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

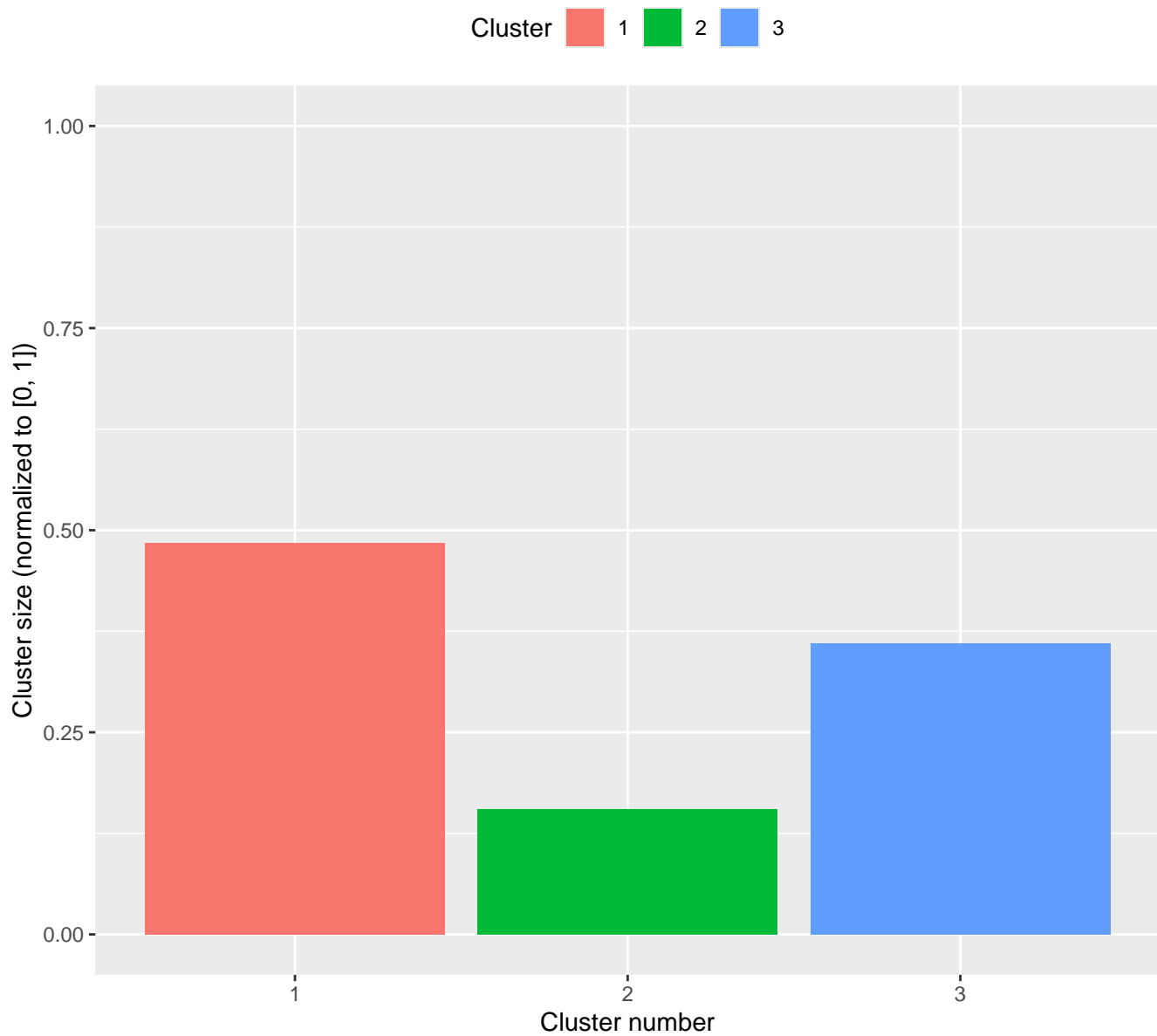
K-Medians elbow plot



Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

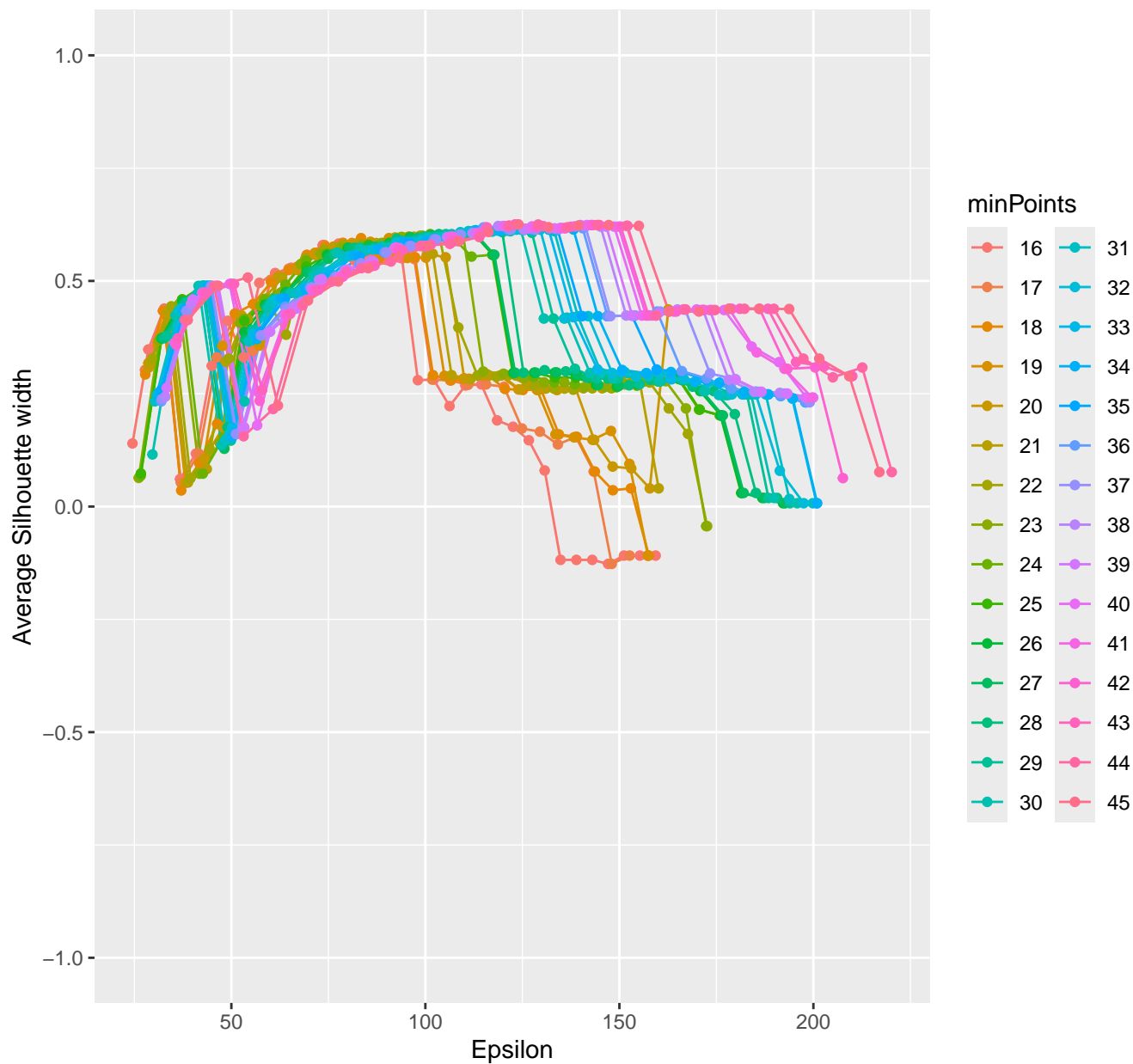
Clustering: KMEDIANS

Parameters used: k = 3



Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

DBSCAN elbow plot

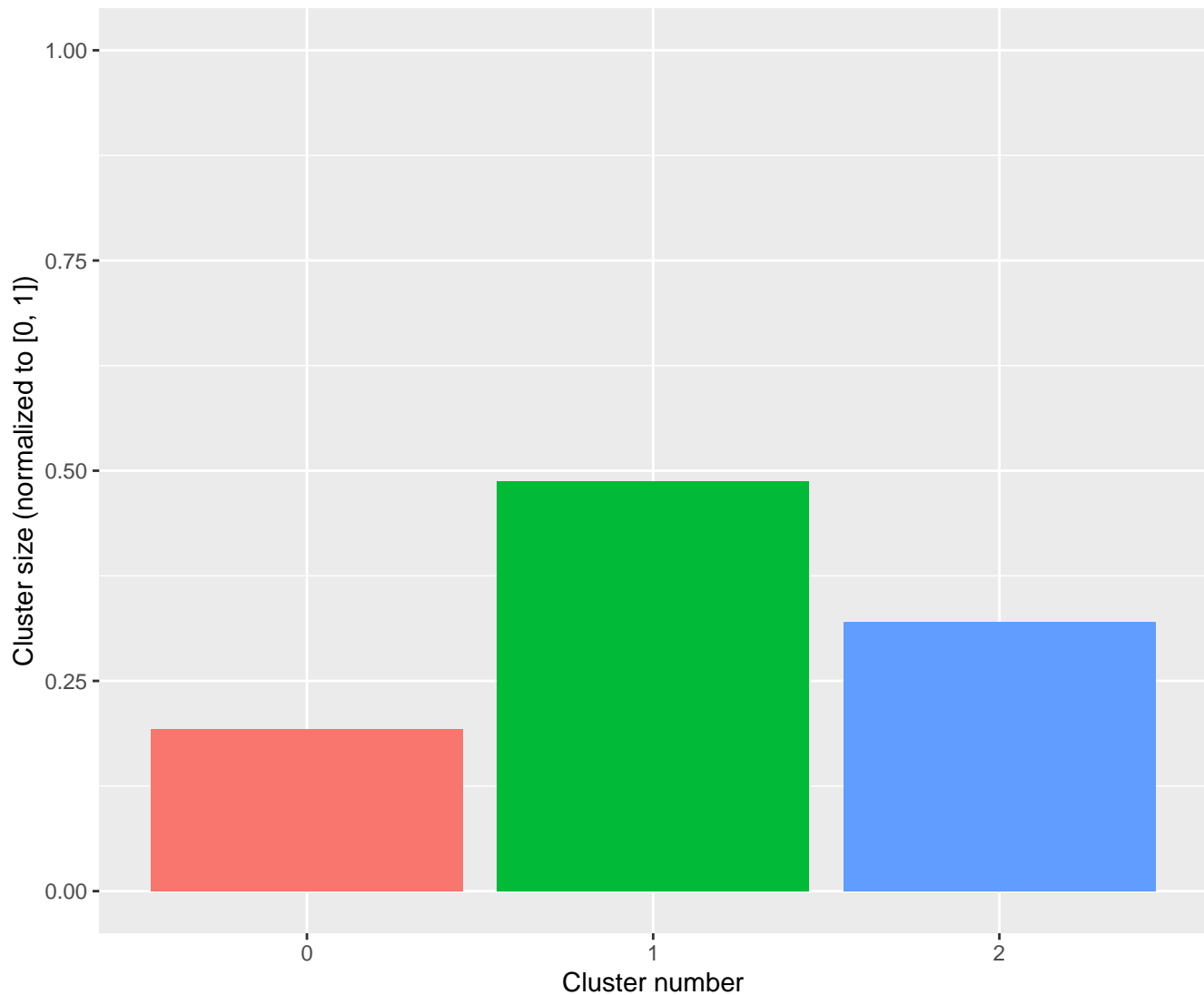


Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

Clustering: DBSCAN

Parameters used: minPoints = 43, epsilon = 123.1177

Cluster ■ 0 ■ 1 ■ 2

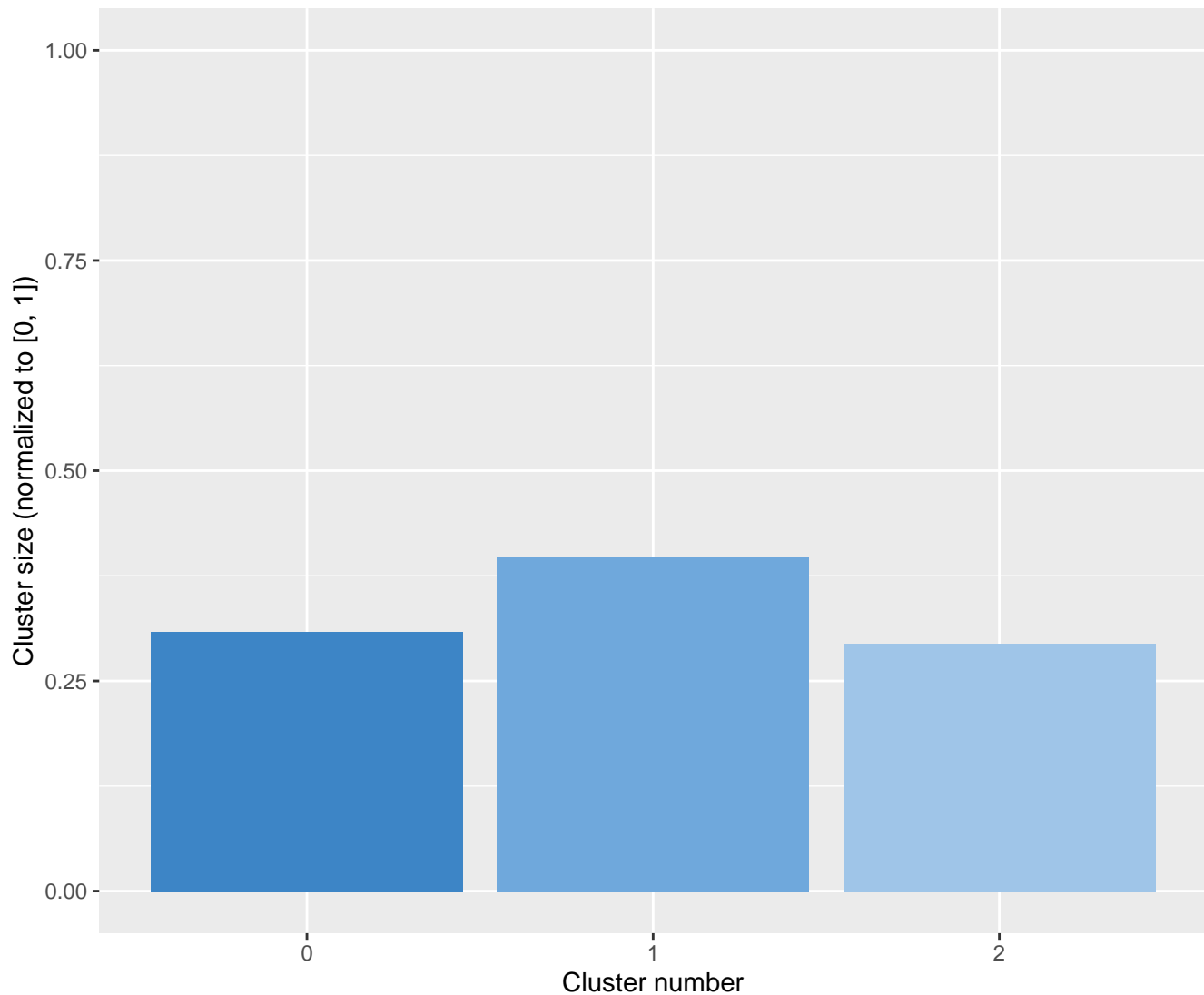


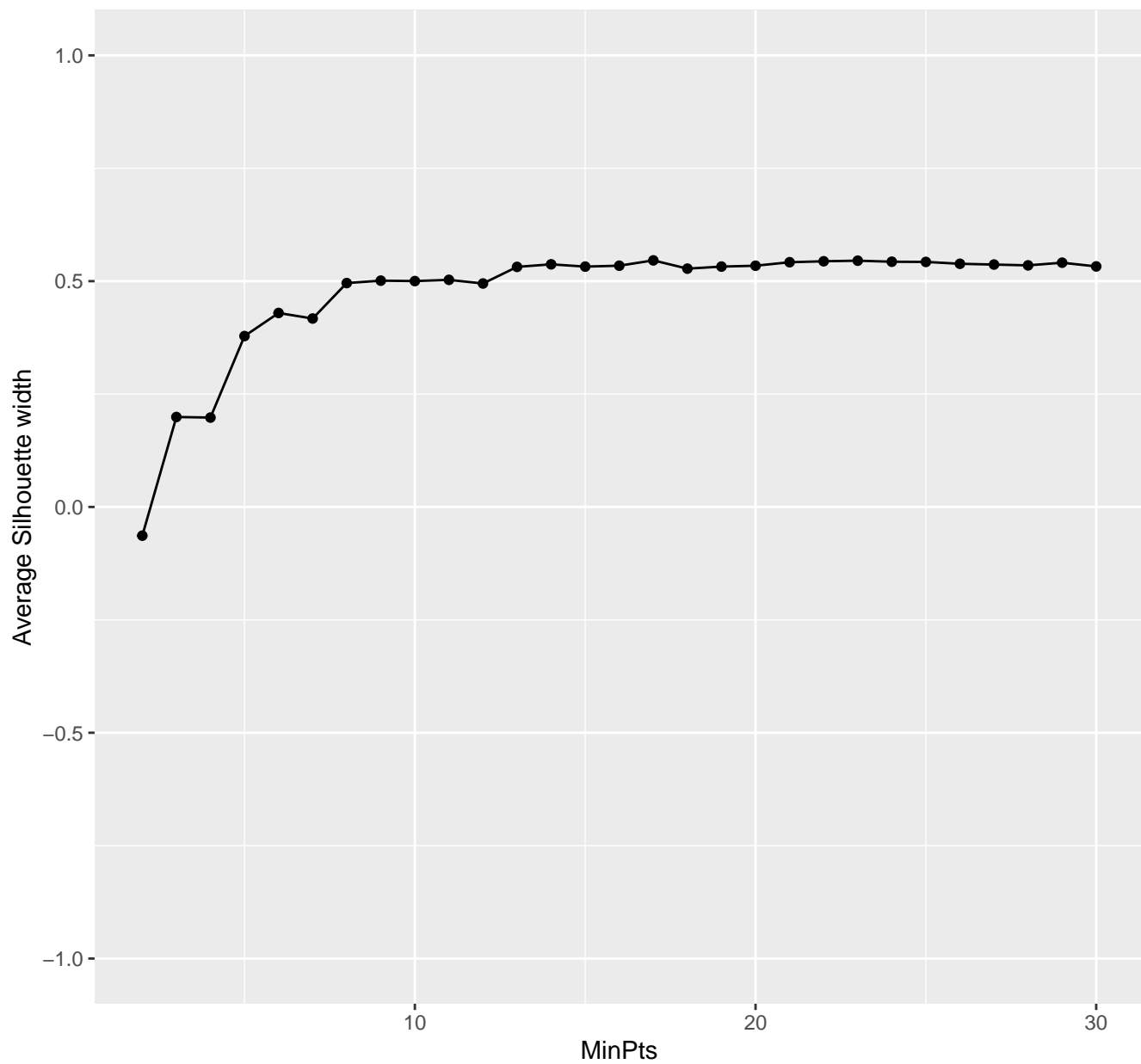
Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

DBSCAN clustering with visual inspection

Parameters used: minPoints = 29, epsilon = 75

Cluster  0  1  2





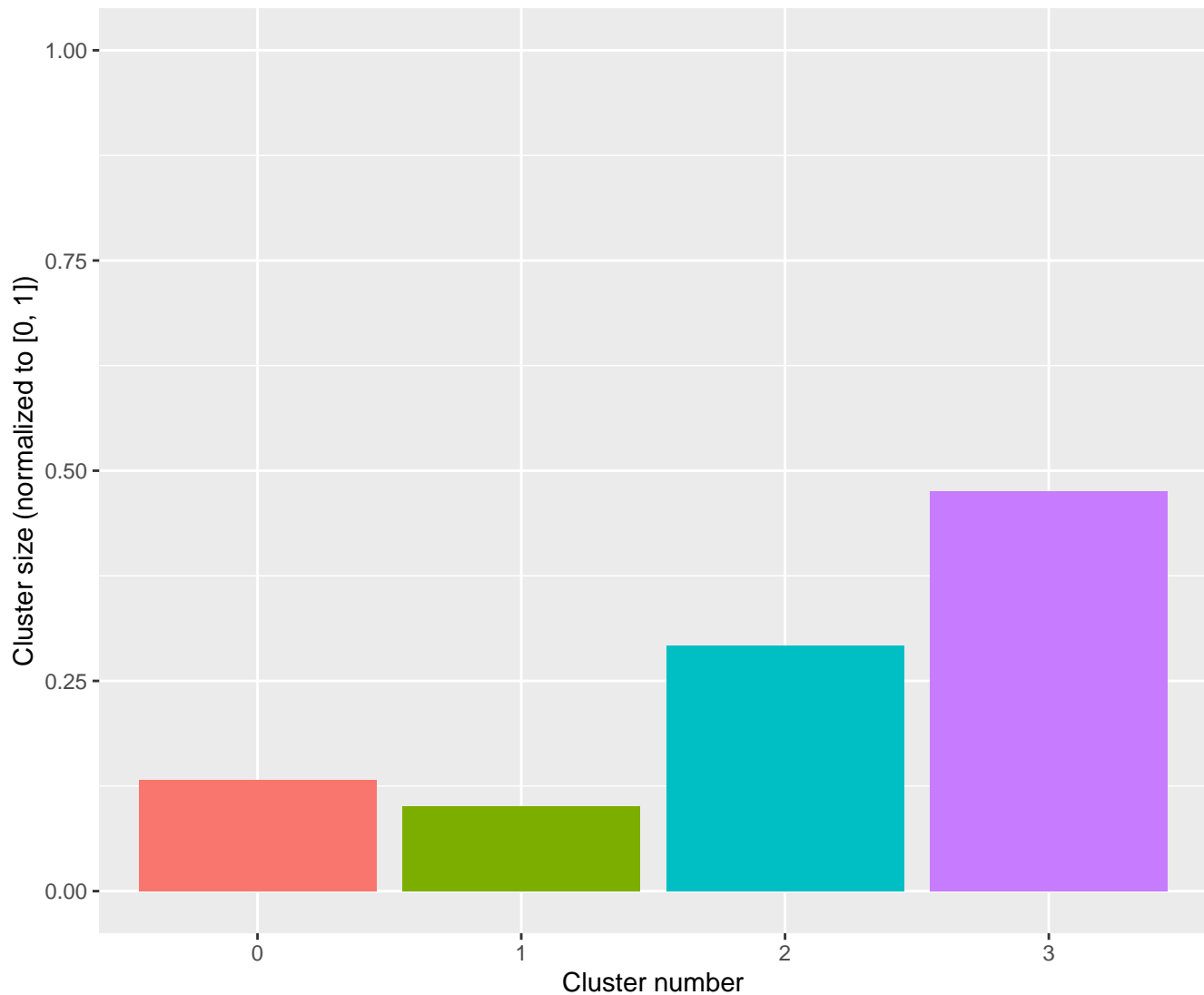


Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

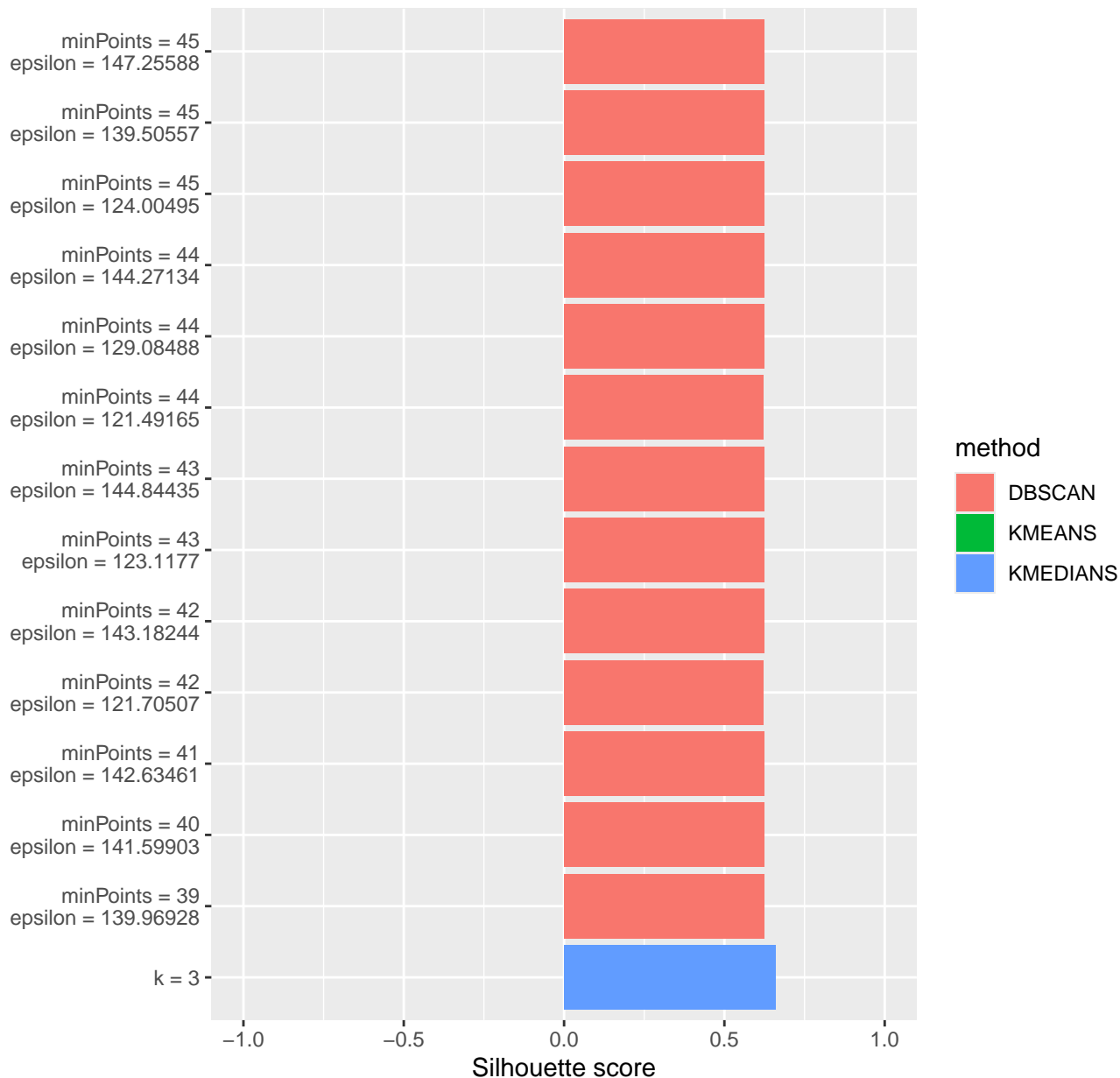
Clustering: HDBSCAN

Parameters used: minPoints = 17

Cluster ■ 0 ■ 1 ■ 2 ■ 3



Hyperparameter combinations ranked by its average Silhouette score



Dataset: journal.pone.0158570\_S2File\_depression\_heart\_failure\_v2.csv

Algorithms ranked by their average Silhouette score

