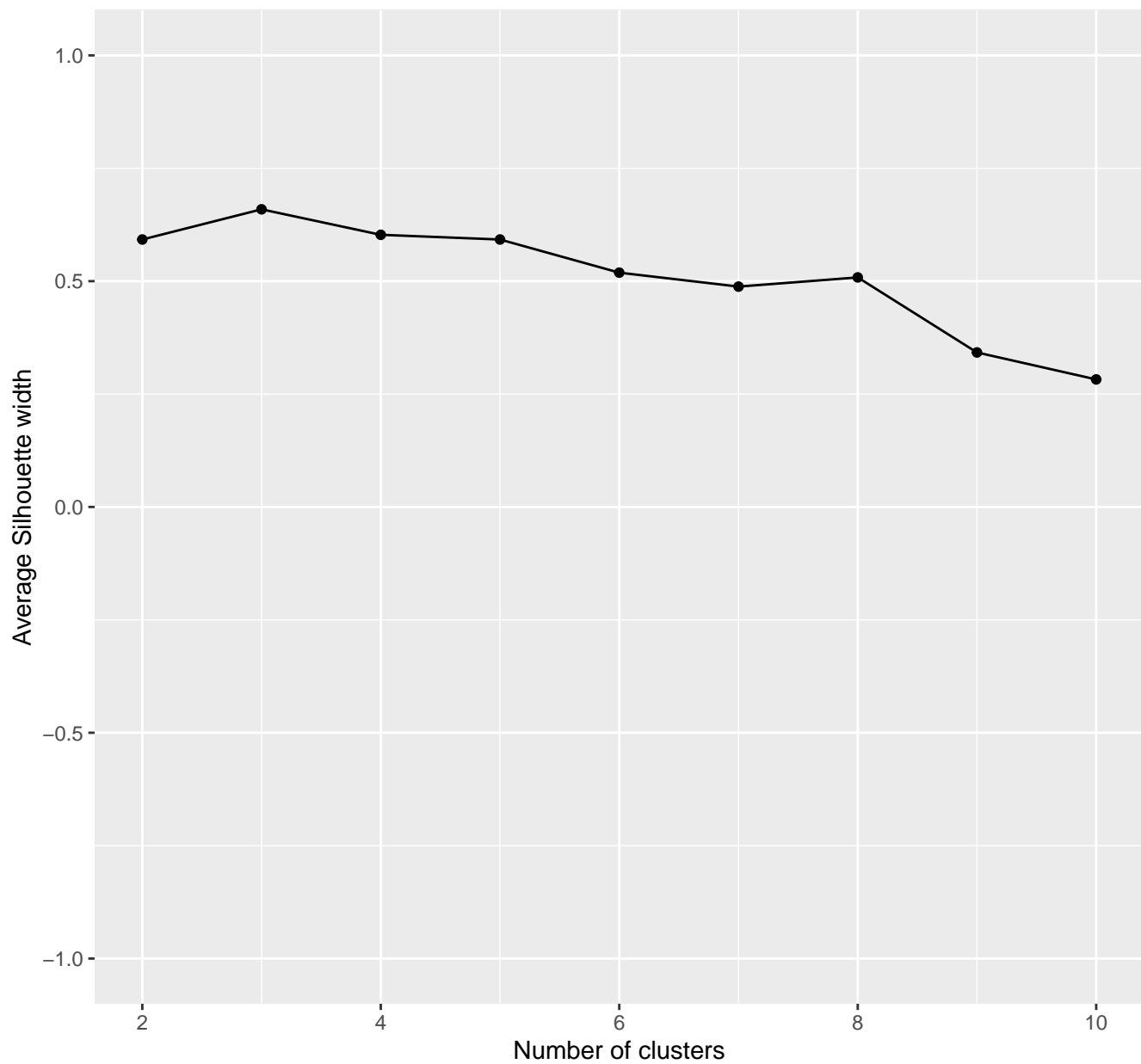


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv

K-Means elbow plot

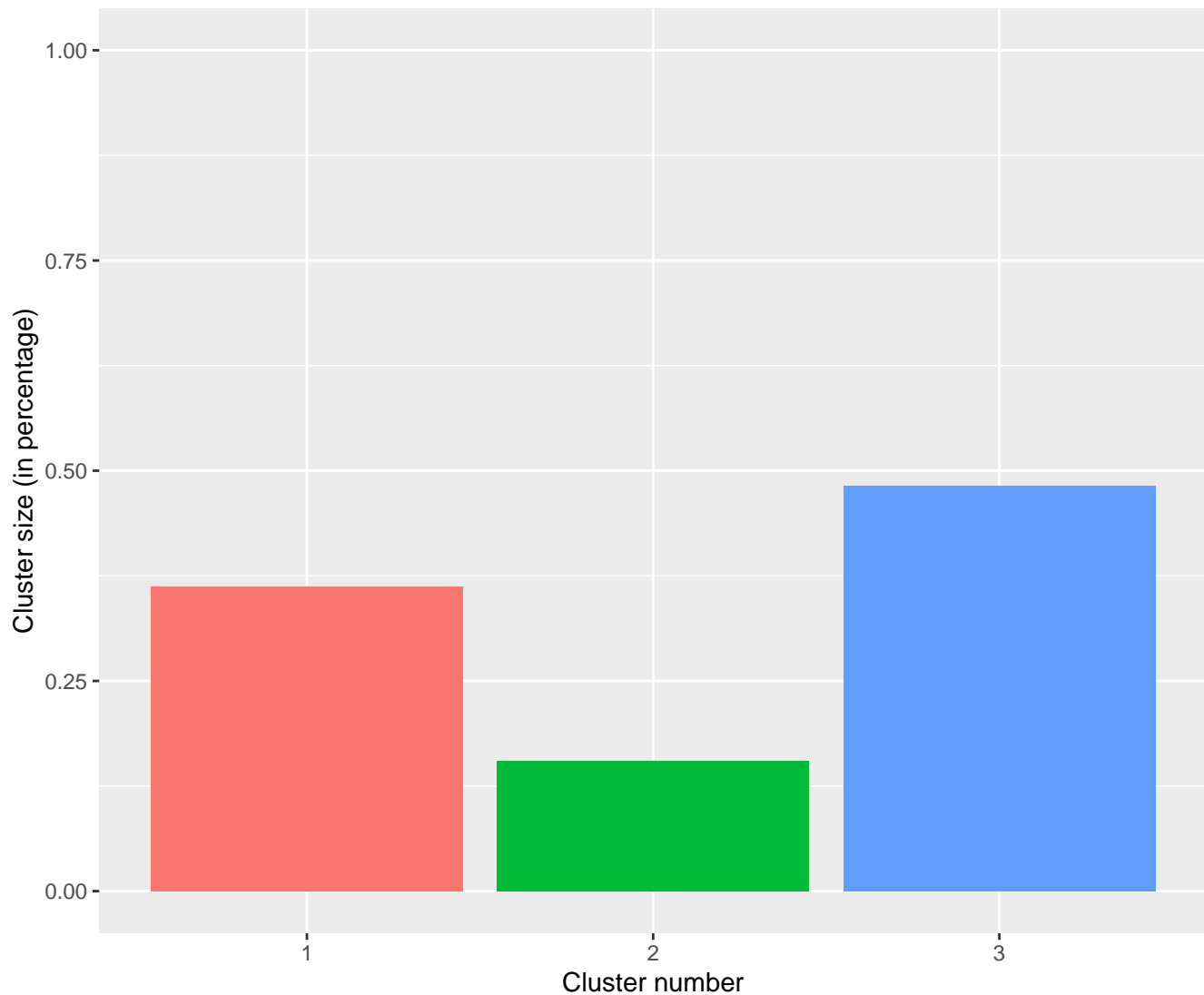


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv

Clustering: KMEANS

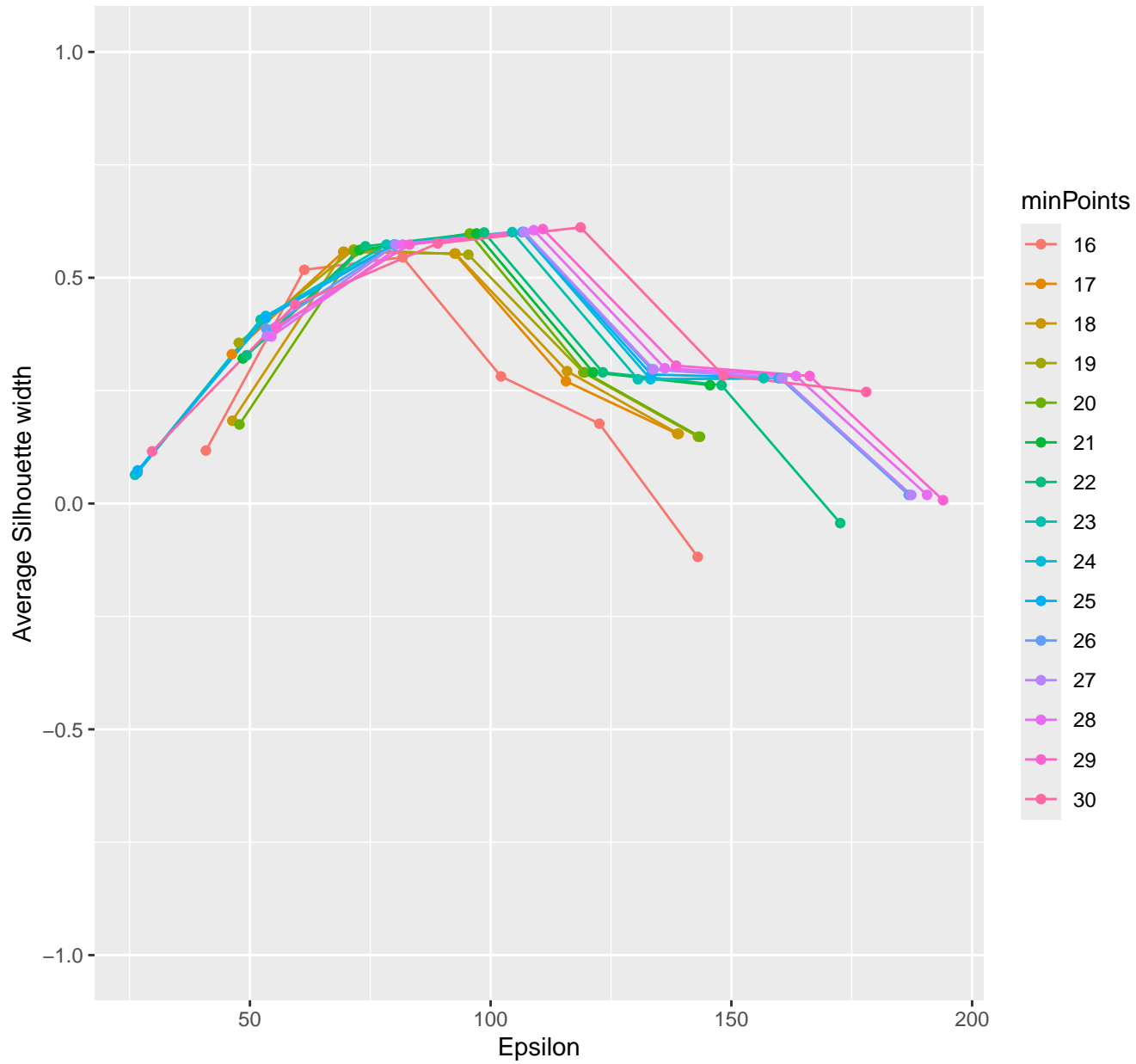
Parameters used: k = 3

Cluster ■ 1 ■ 2 ■ 3



Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv

DBSCAN elbow plot

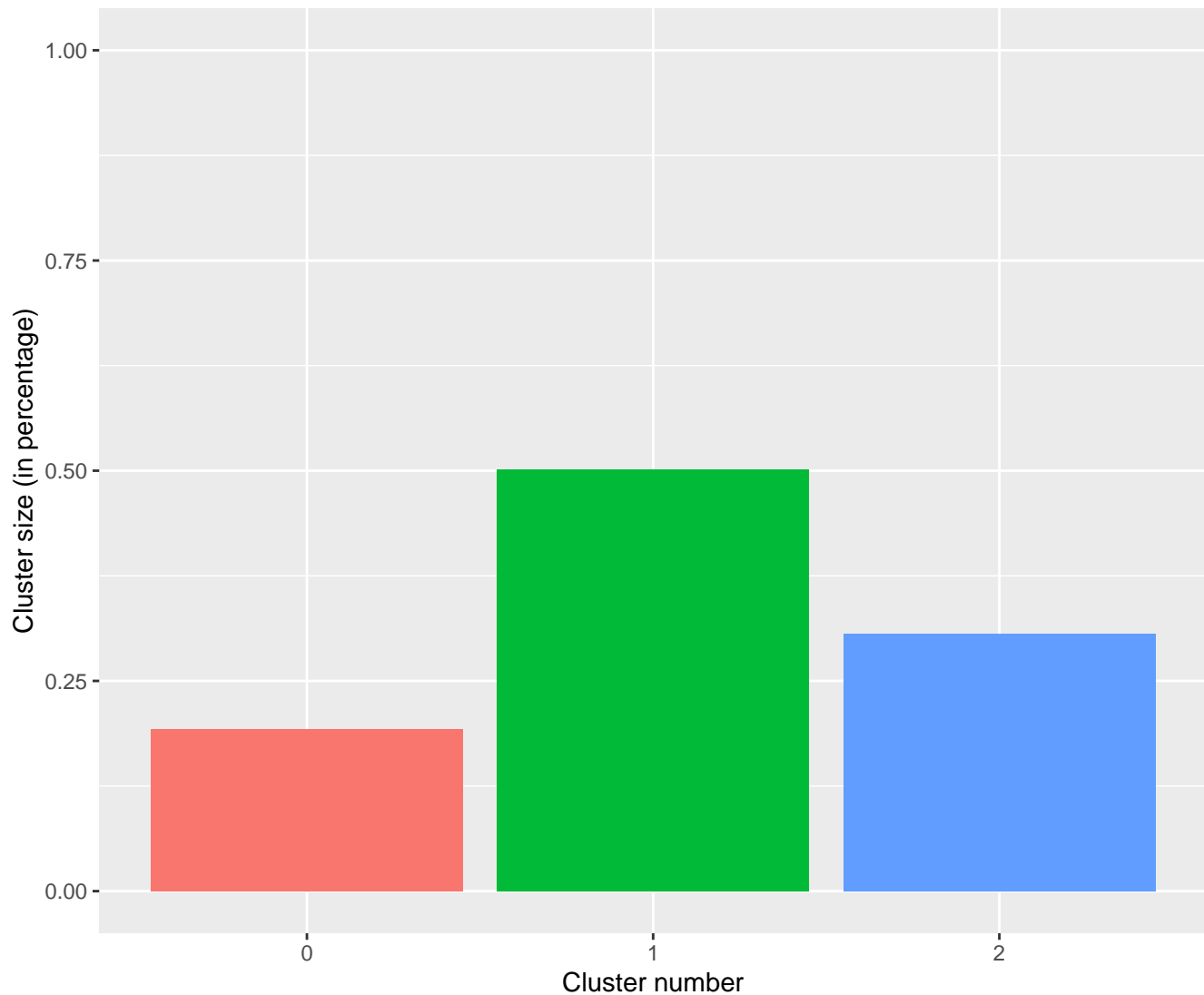


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv

Clustering: DBSCAN

Parameters used: minPoints = 30, epsilon = 118.67536

Cluster ■ 0 ■ 1 ■ 2

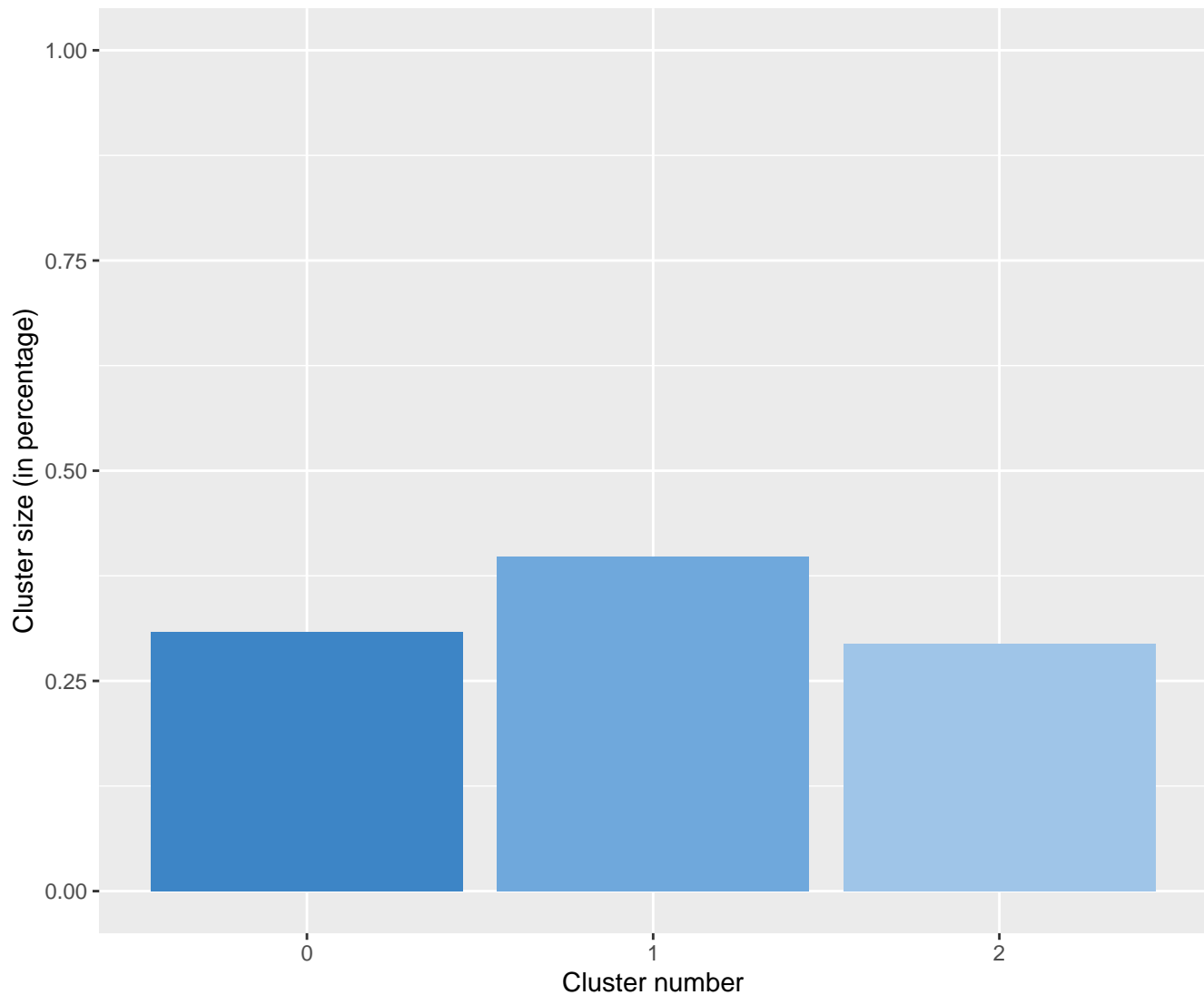


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv

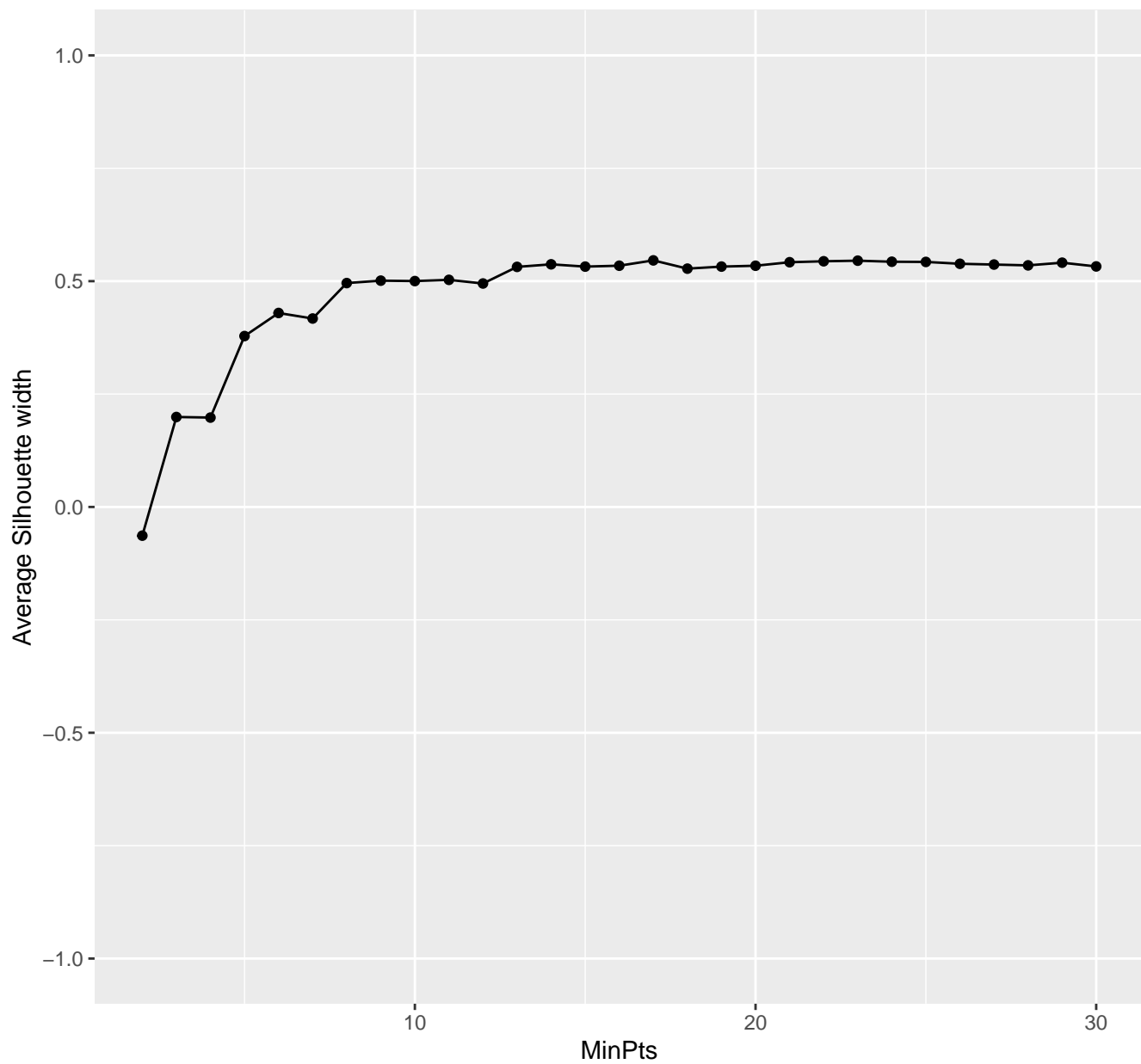
DBSCAN clustering with visual inspection

Parameters used: minPoints = 29, epsilon = 75

Cluster  0  1  2



HDBSCAN elbow plot

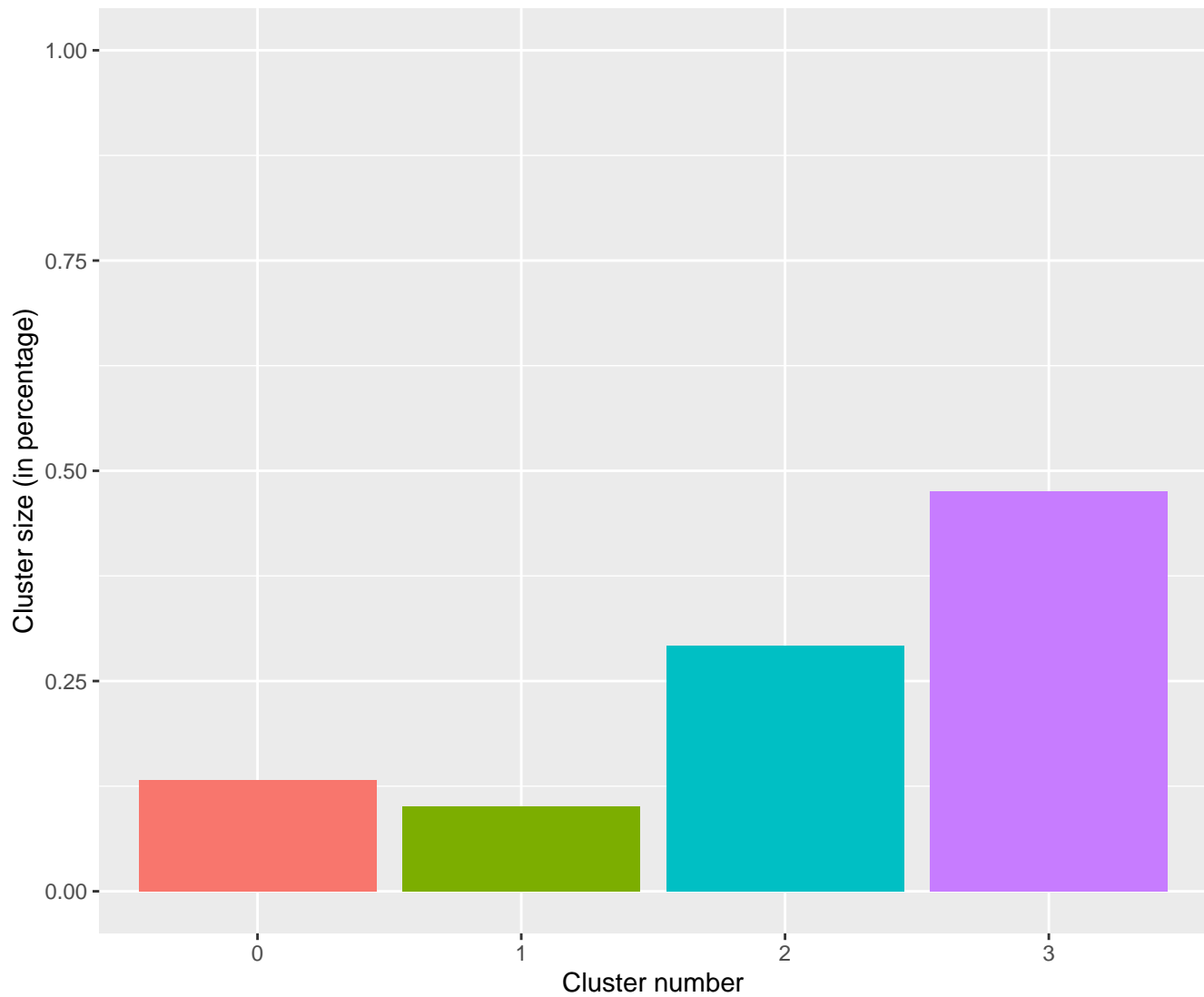


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv

Clustering: HDBSCAN

Parameters used: minPoints = 17

Cluster 0 1 2 3



Hyperparameter combinations ranked by its average Silhouette score

