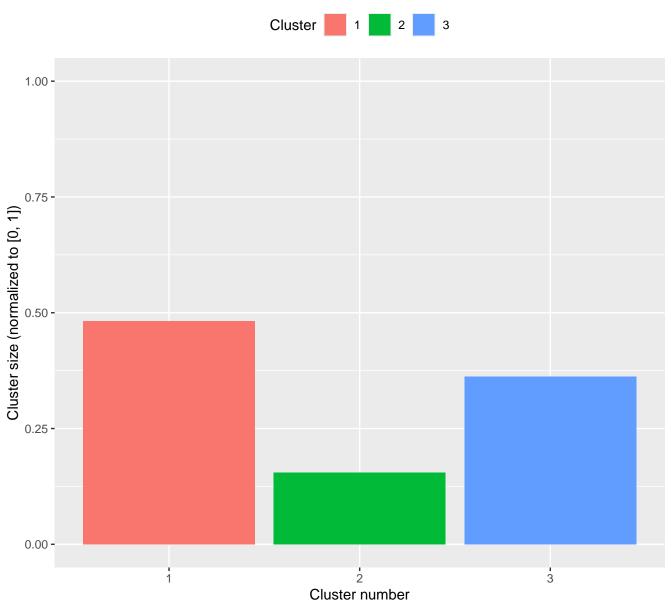
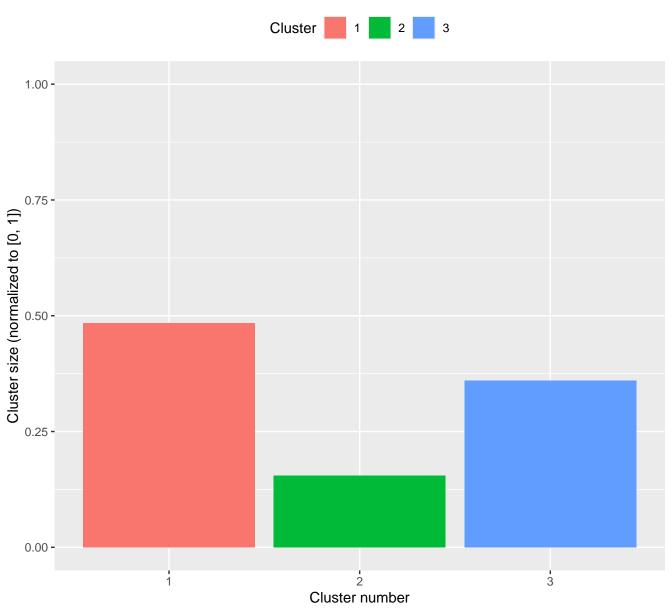


Clustering: KMEANS Parameters used: k = 3, method = euclidean

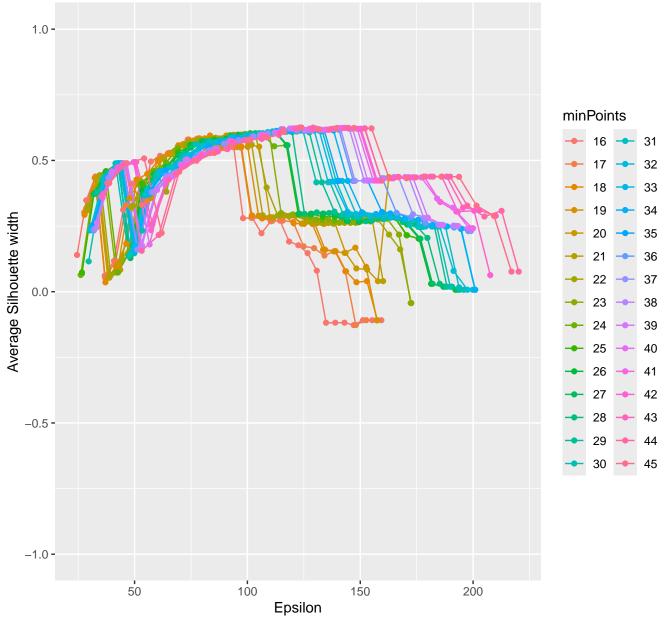


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv K-Medians elbow plot 1.0 -0.5 -Average Silhouette width 0.0 --0.5 **-**-1.0 **-**4 8 10 2 Number of clusters

Clustering: KMEDIANS Parameters used: k = 3

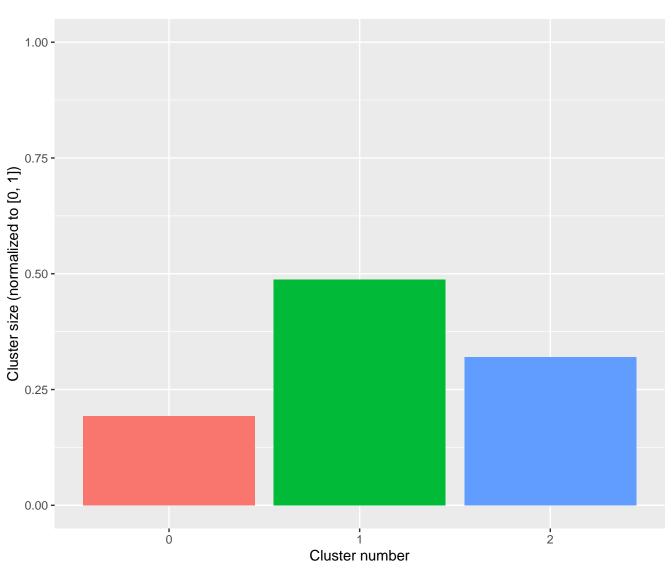


Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv DBSCAN elbow plot



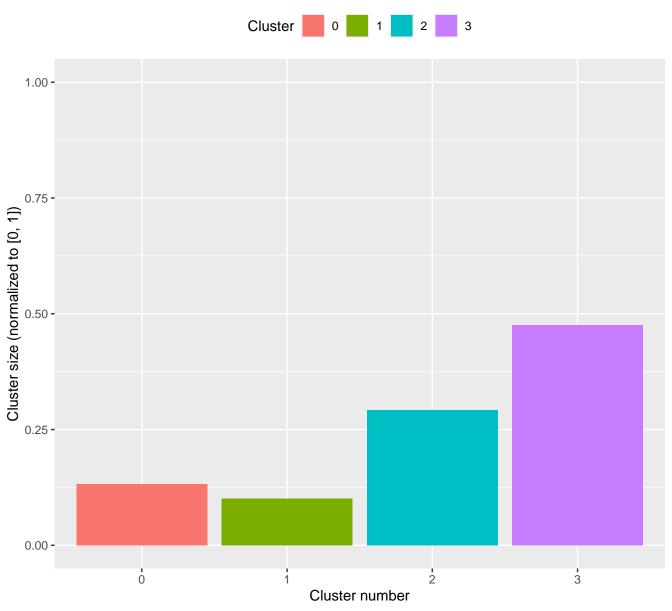
Clustering: DBSCAN
Parameters used: minPoints = 43, epsilon = 123.1177

Cluster 2



Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv HDBSCAN elbow plot 1.0 -0.5 -Average Silhouette width 0.0 --0.5 **-**-1.0 **-**10 20 30 MinPts

Clustering: HDBSCAN Parameters used: minPoints = 17



Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.0 Hyperparameter combinations ranked by its average Silhouette score minPoints = 450.62382 epsilon = 147.25588minPoints = 450.62295 epsilon = 139.50557 minPoints = 450.62525 epsilon = 124.00495minPoints = 440.62382 epsilon = 144.27134minPoints = 440.62495 epsilon = 129.08488minPoints = 440.62235 epsilon = 121.49165 minPoints = 43method 0.62382 epsilon = 144.84435**DBSCAN** minPoints = 430.62525 epsilon = 123.1177 **KMEANS** minPoints = 42 **KMEDIANS** 0.62382 epsilon = 143.18244minPoints = 420.62235 epsilon = 121.70507 minPoints = 410.62382 epsilon = 142.63461minPoints = 400.62382 epsilon = 141.59903 minPoints = 390.62382 epsilon = 139.96928k = 30.6473 method = euclidean k = 3 -0.65915 -0.50.0 0.5 1.0 -1.0Silhouette score

Dataset: journal.pone.0158570_S2File_depression_heart_failure_v2.csv Algorithms ranked by their average Silhouette score

