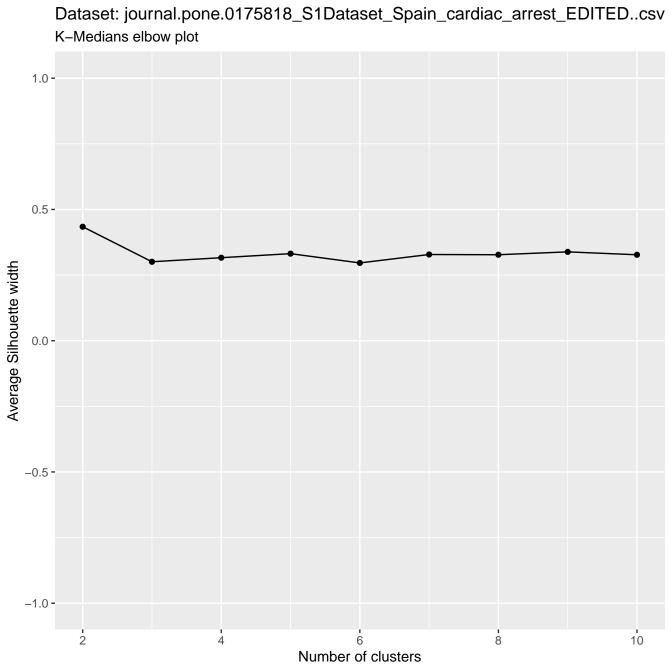


Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv Clustering: KMEANS Parameters used: k = 2, method = euclidean Cluster 2 1.00 -0.75 -Cluster size (normalized to [0, 1]) 0.50 -0.25 -0.00 -2 1

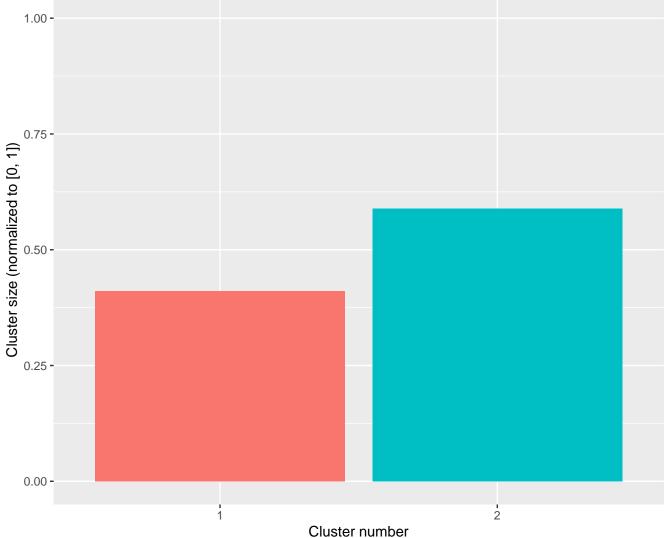
Cluster number



Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv
Clustering: KMEDIANS
Parameters used: k = 2

Cluster 1 2

1.00

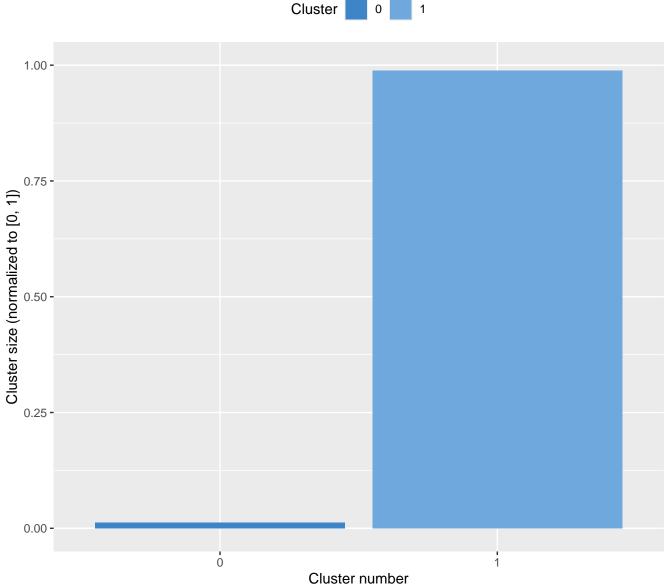


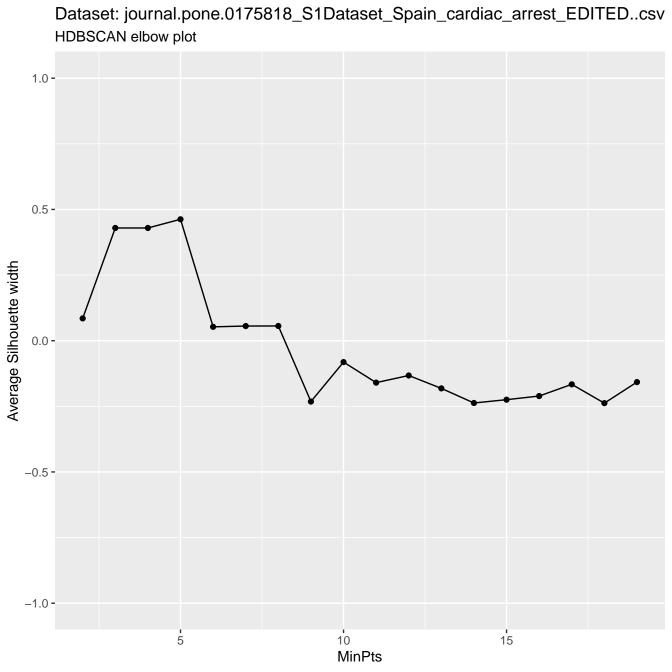
Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv DBSCAN elbow plot 1.0 minPoints 0.5 -Average Silhouette width 0.0 --0.5 **-**-1.0 **-Epsilon** 

Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv Clustering: DBSCAN
Parameters used: minPoints = 11, epsilon = 14.70267 Cluster 1 1.00 -0.75 -Cluster size (normalized to [0, 1]) 0.50 -0.25 -0.00 ó 1 Cluster number

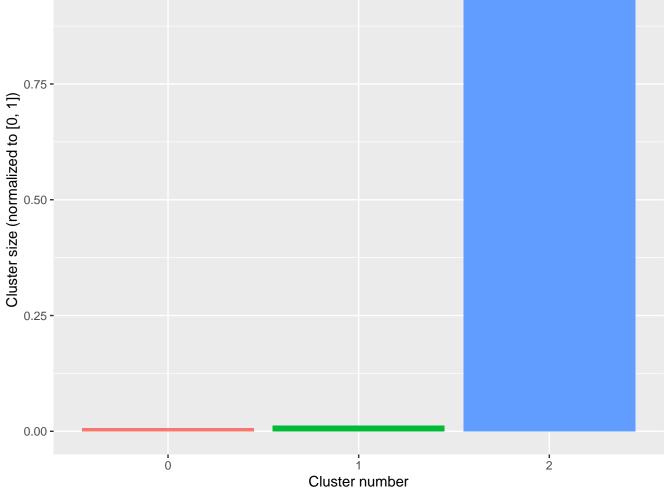
Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv

DBSCAN clustering with visual inspection
Parameters used: minPoints = 19, epsilon = 15

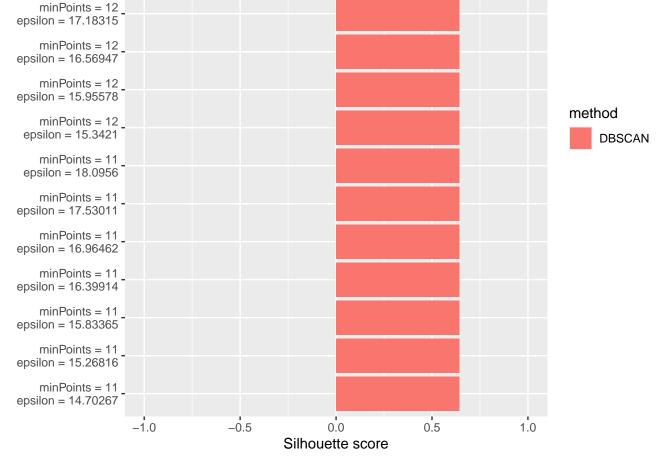




Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv Clustering: HDBSCAN Parameters used: minPoints = 5 Cluster 0 2 1.00 -0.75 -0.50 -



Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDI Hyperparameter combinations ranked by its average Silhouette score minPoints = 13epsilon = 16.91657 minPoints = 13epsilon = 16.29003 minPoints = 13epsilon = 15.66349minPoints = 12 epsilon = 17.79684minPoints = 12epsilon = 17.18315minPoints = 12epsilon = 16.56947minPoints = 12epsilon = 15.95578method minPoints = 12 epsilon = 15.3421 **DBSCAN** minPoints = 11epsilon = 18.0956minPoints = 11epsilon = 17.53011 minPoints = 11epsilon = 16.96462



Dataset: journal.pone.0175818\_S1Dataset\_Spain\_cardiac\_arrest\_EDITED..csv Algorithms ranked by their average Silhouette score 1.0 -0.5 -Silhouette score 0.0 --0.5 **-**-1.0 **-**HDBSCAN DBSCAN KMEANS KMEDIANS Algorithm