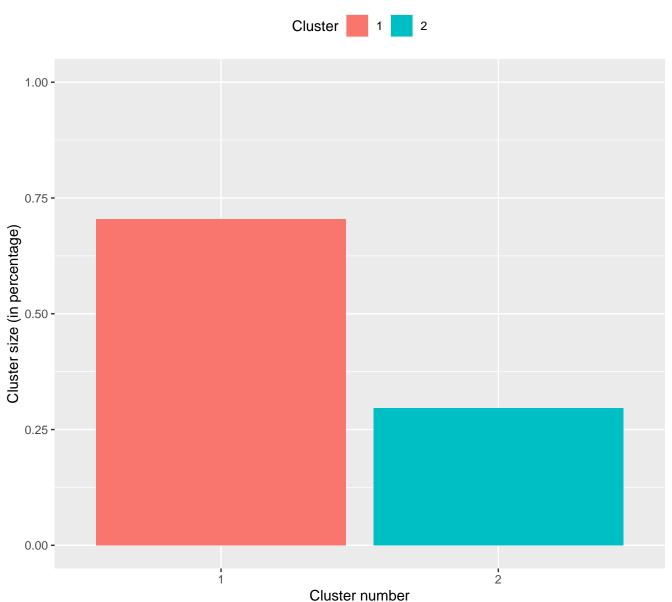
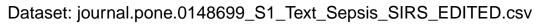
Dataset: journal.pone.0148699_S1_Text_Sepsis_SIRS_EDITED.csv K-Means elbow plot 1.0 -0.5 -Average Silhouette width 0.0 --0.5 **-**-1.0 **-**4 8 10 2 Number of clusters

 $Dataset: journal.pone. 0148699_S1_Text_Sepsis_SIRS_EDITED.csv$

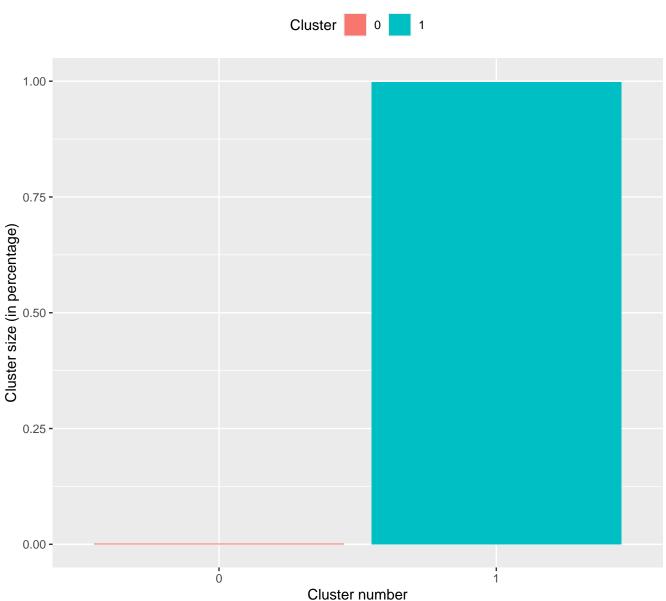
Clustering: KMEANS Parameters used: k = 2



Dataset: journal.pone.0148699_S1_Text_Sepsis_SIRS_EDITED.csv DBSCAN elbow plot 1.0 minPoints 0.5 -Average Silhouette width 0.0 --0.5 **-**-1.0 **-Epsilon**

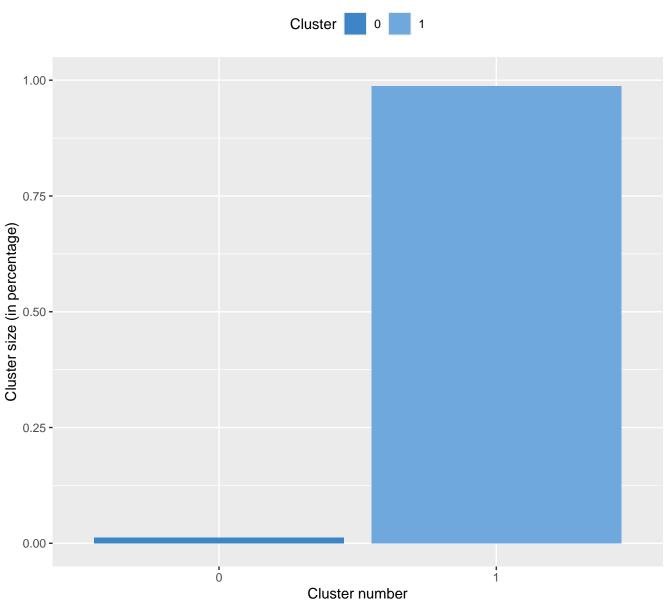


Clustering: DBSCAN Parameters used: minPoints = 17, epsilon = 193.81485



Dataset: journal.pone.0148699_S1_Text_Sepsis_SIRS_EDITED.csv

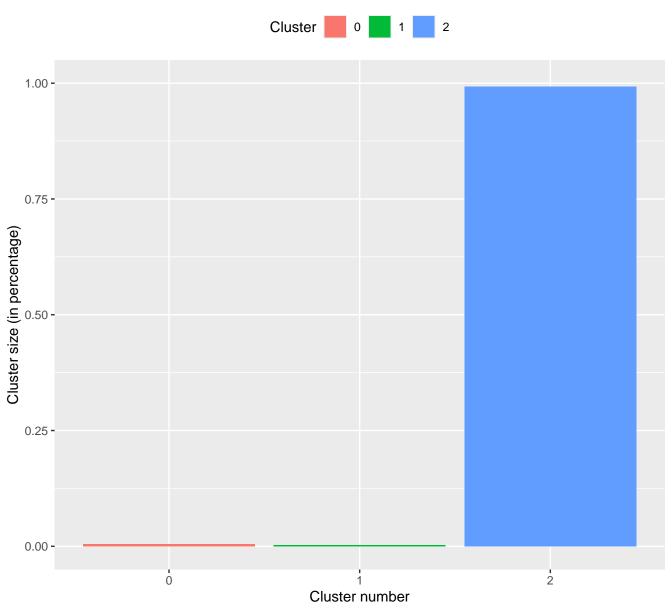
DBSCAN clustering with visual inspection Parameters used: minPoints = 31, epsilon = 100



Dataset: journal.pone.0148699_S1_Text_Sepsis_SIRS_EDITED.csv HDBSCAN elbow plot 1.0 -0.5 -Average Silhouette width 0.0 -−0.5 **-**-1.0 **-**10 30 20 MinPts

Dataset: journal.pone.0148699_S1_Text_Sepsis_SIRS_EDITED.csv

Clustering: HDBSCAN Parameters used: minPoints = 3



Hyperparameter combinations ranked by its average Silhouette score minPoints = 26 epsilon = 197.82216 minPoints = 25 _ epsilon = 196.95057 minPoints = 24epsilon = 196.19903 minPoints = 23epsilon = 196.12342 minPoints = 22 epsilon = 195.6951minPoints = 21 _ epsilon = 195.24328 minPoints = 20 epsilon = 194.72784 minPoints = 19 epsilon = 194.41179 minPoints = 18 epsilon = 194.26952 minPoints = 17 epsilon = 193.81485 0.0 0.5 -1.0-0.51.0 Silhouette score

Dataset: journal.pone.0148699_S1_Text_Sepsis_SIRS_EDITED.csv