

Clustering Validation and Assessment

- Major issues on clustering validation and assessment
 - **Clustering evaluation**
 - Evaluating the goodness of the clustering
 - **Clustering stability**
 - To understand the sensitivity of the clustering result to various algorithm parameters, e.g., # of clusters
 - **Clustering tendency**
 - Assess the suitability of clustering, i.e., whether the data has any inherent grouping structure