

Time Series Clustering

Multidimensional Scaling (MDS) - Isometric mapping (Isomap)

(e.g., k-means)

distribution-based (e.g., gaussian mixture model)

- more flexible shape vanilla

density-based

hierarchical-based (e.g., ward hierarchical)

- divisive (top-down) or agglomerative (bottom-up)
- no pre-specified number of
- · easy visual inspection
- for small number of cases
- · no reversal of assignments

(e.g, GMM + kmeans centroid init.)

 helps avoid individual shortcomings (e.g., local minima avoidance)