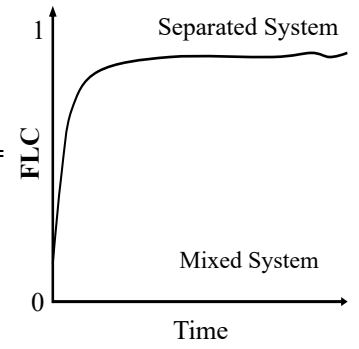
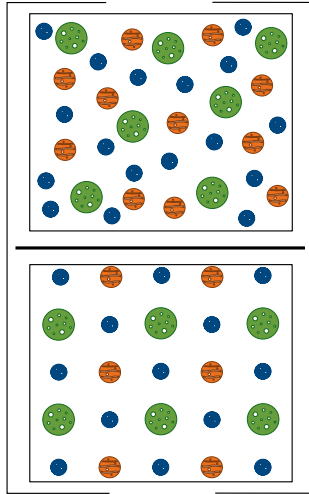


Clustering using DBSCAN

$$\frac{\sum_{X_i=\text{green, orange, blue}} \text{No. of lipid } X_i \text{ in lipid } X_i \text{ Clusters}}{\text{Total number of lipids}} = \text{FLC}$$



$$\text{CEI} = \sum_{X_i=\text{green, orange, blue}}$$



$$\text{SI} = \sum_{X_i=\text{green, orange, blue}} \left[ \frac{\text{No. of Lipid 1}}{\text{No. of Lipid 1} + \text{No. of Lipid 2} + \text{No. of Lipid 3}} \right]$$

 Lipid 1
  Lipid 2
  Lipid 3