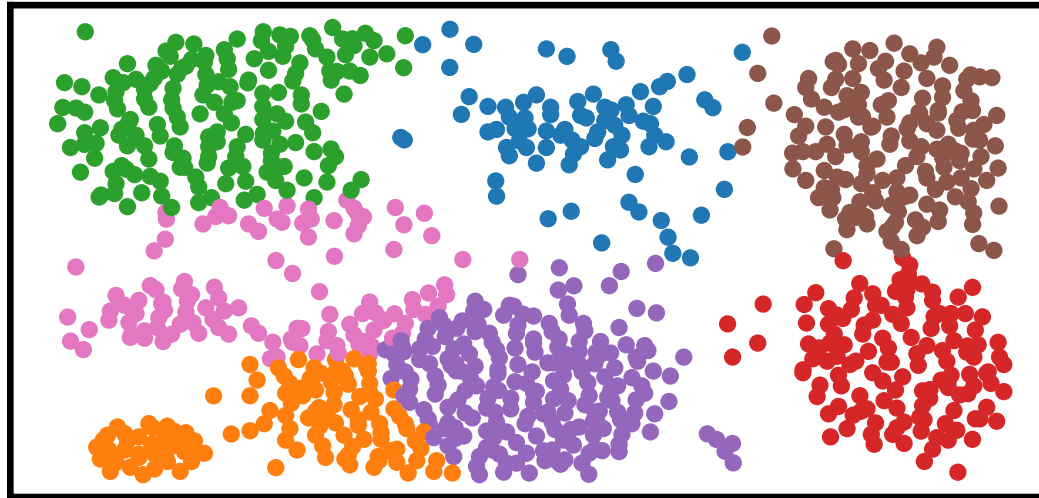
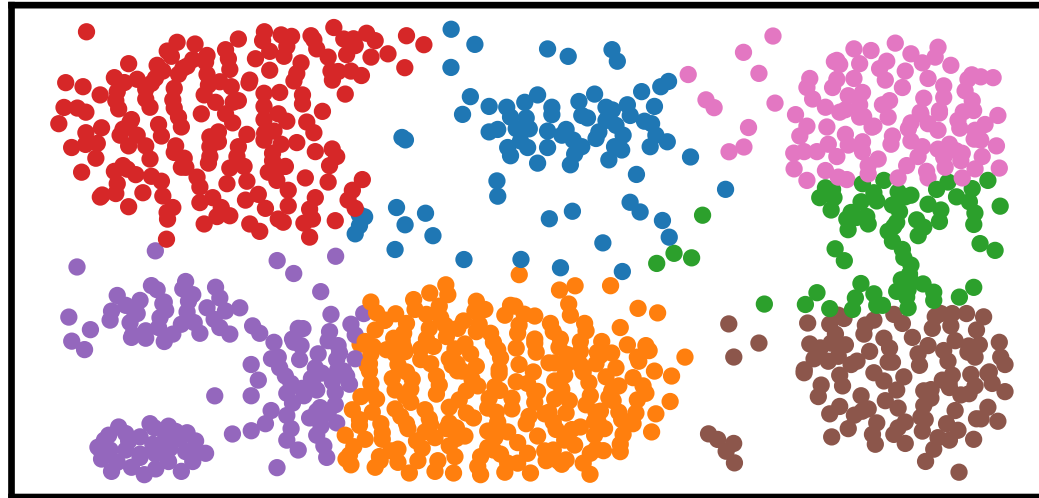
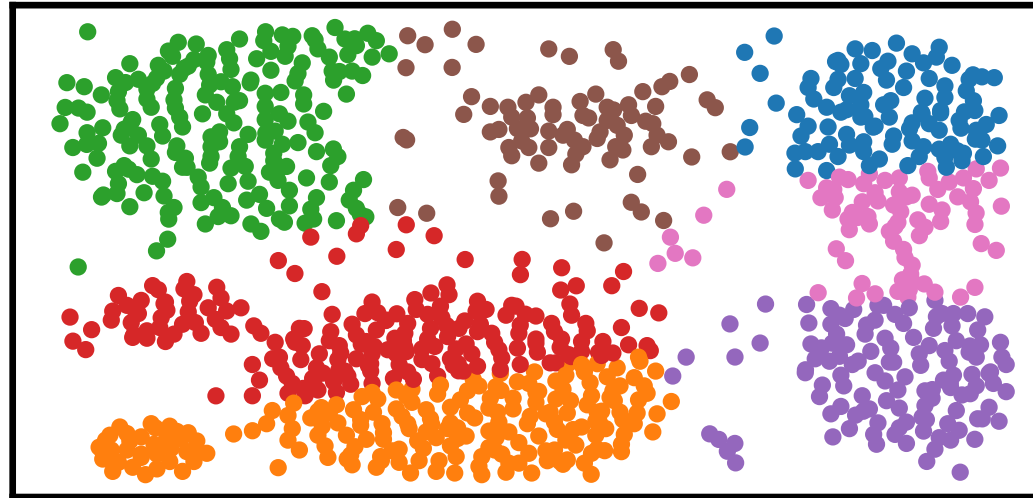
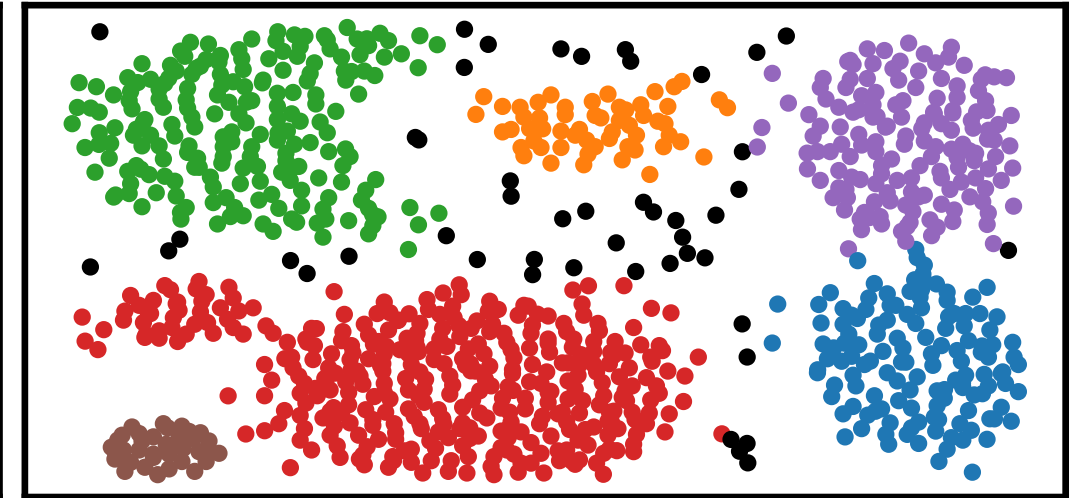


$k$ -meansMini batch  $k$ -means

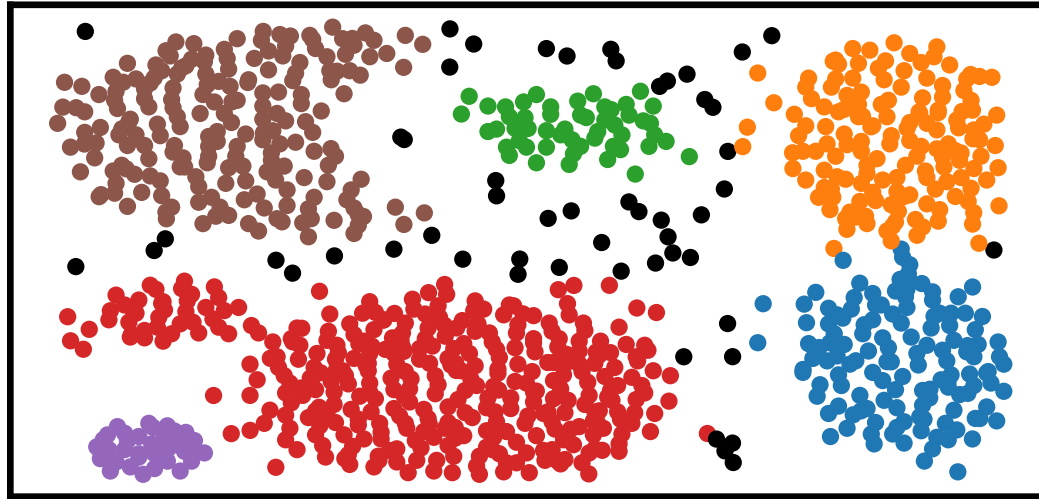
PAM



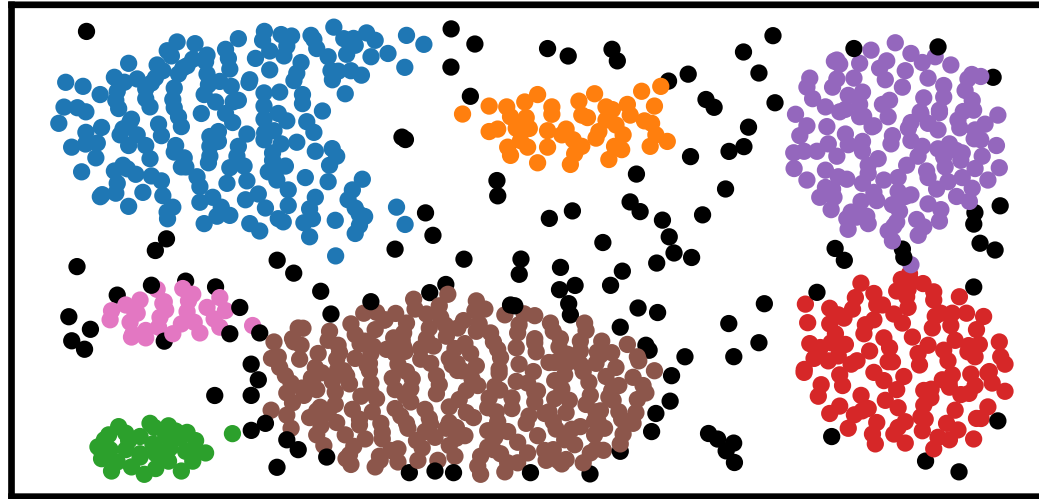
DBSCAN



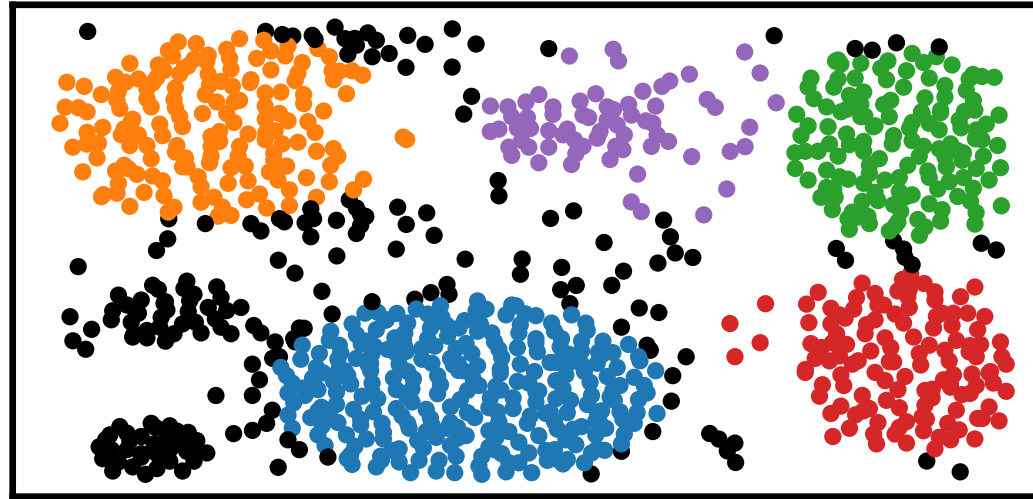
OPTICS



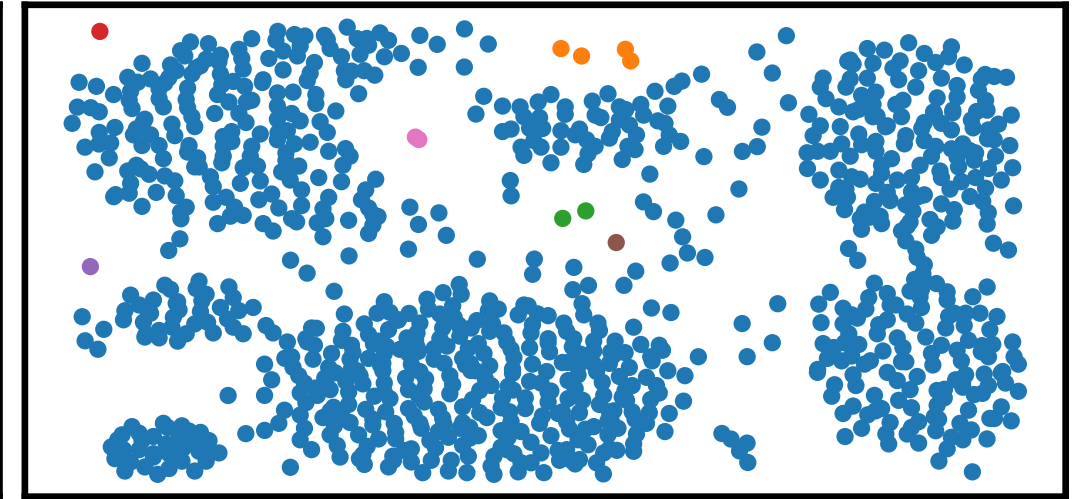
HDBSCAN



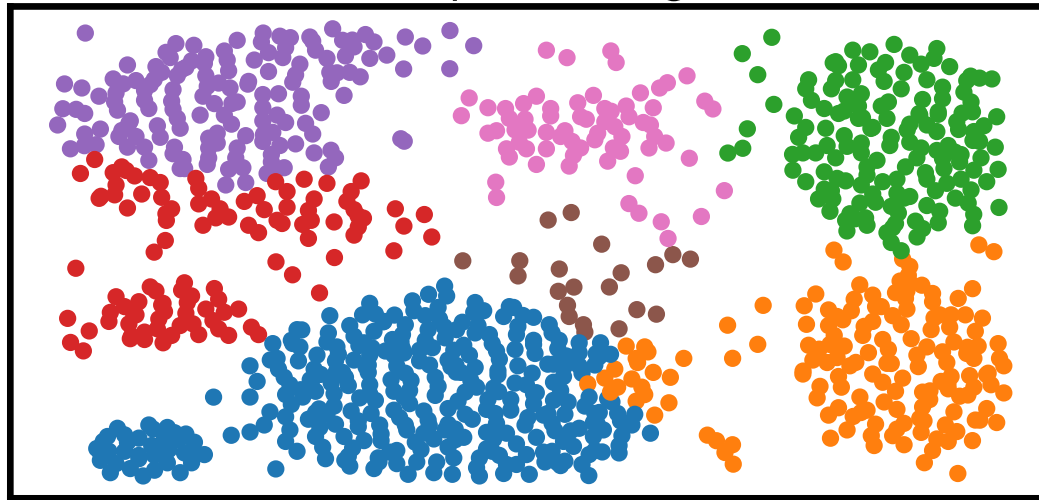
Mean Shift



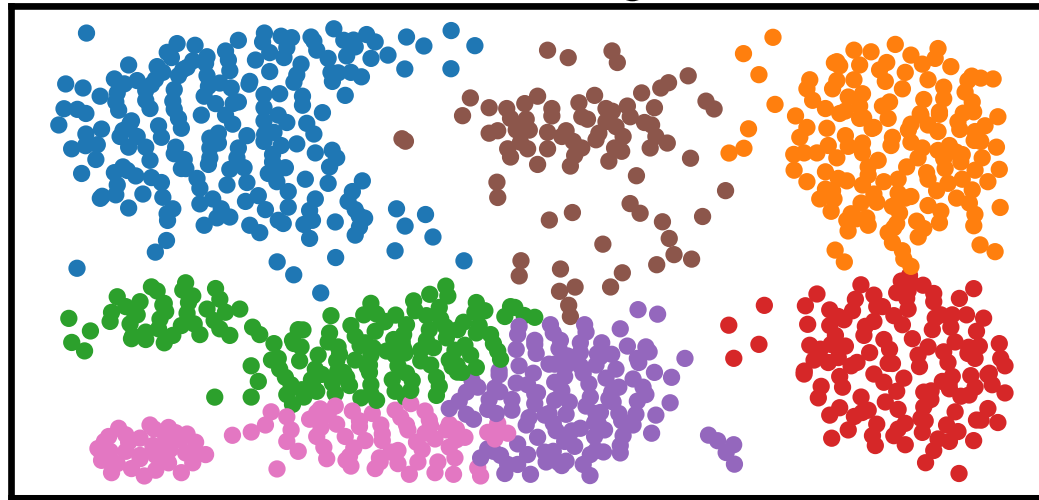
Single linkage



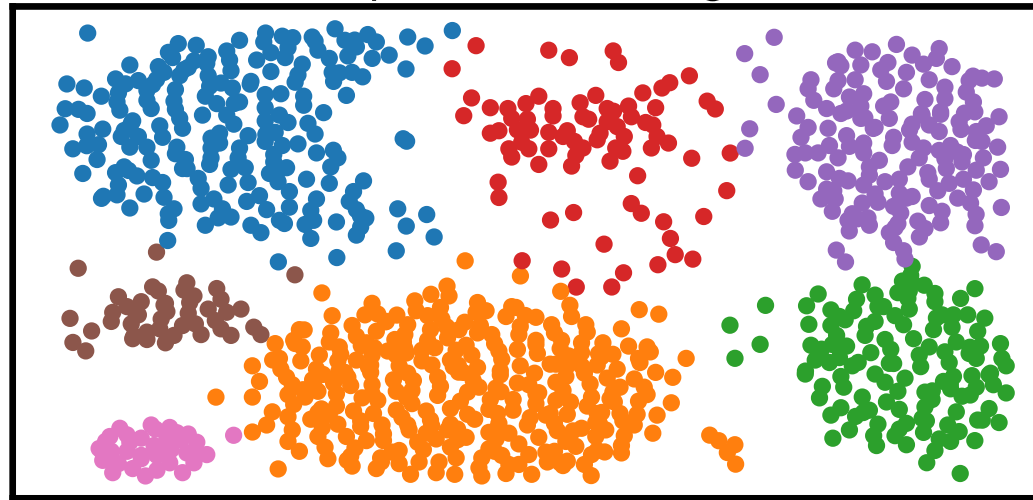
Complete linkage



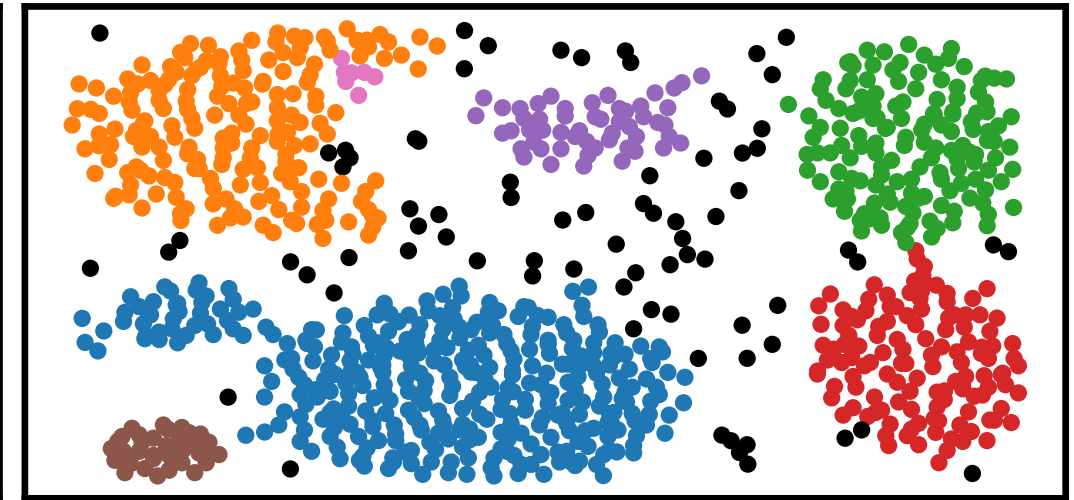
Ward linkage



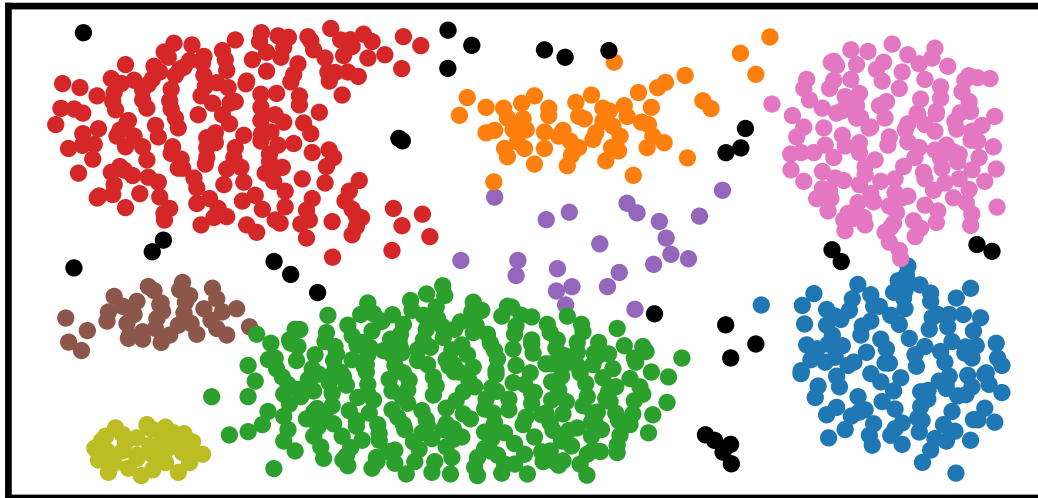
Spectral clustering



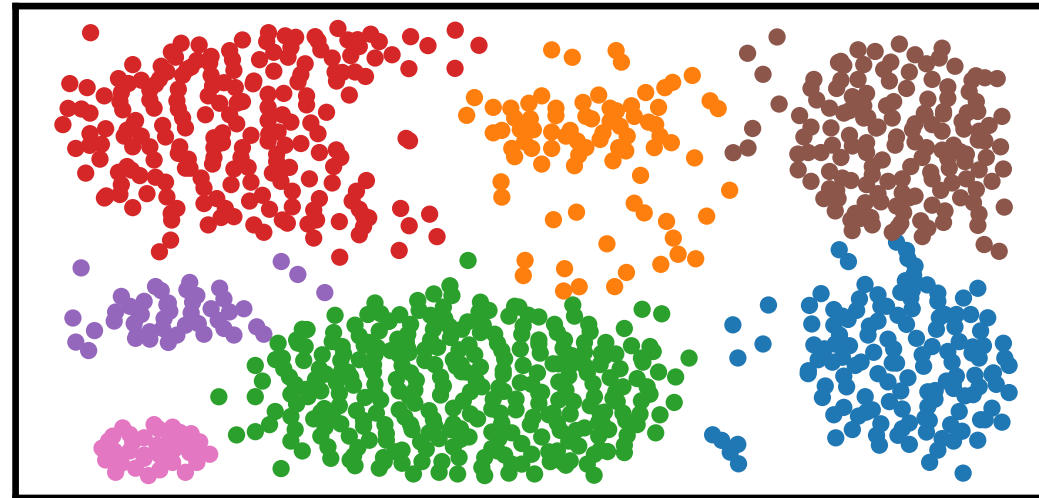
CLASSIX



DenMune



FINCH



True labels

