

1 Selection of Techniques

The previous sections gave a brief introduction to UMAP and t-SNE. Here, we will offer a, hopefully, a guide for which methods to use given a certain types of data points with some constraints. For instance, if one is to visualize a given high dimensional data points such that the dimensions is reduced down to, say, 3, with global structure preserved, which of the two one shall pick. In this section, a comparison of the two methods and suggestions for selection of methods will be presented.