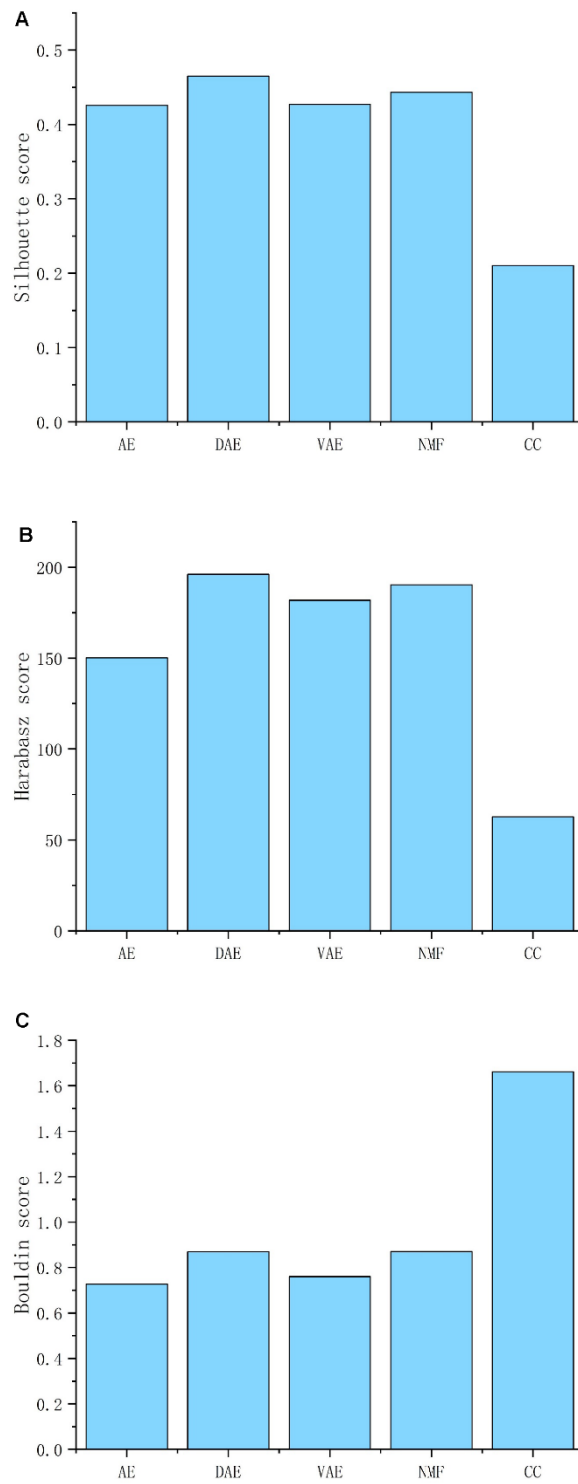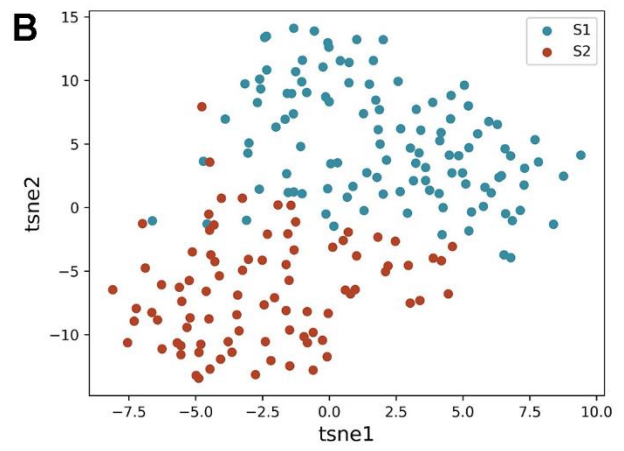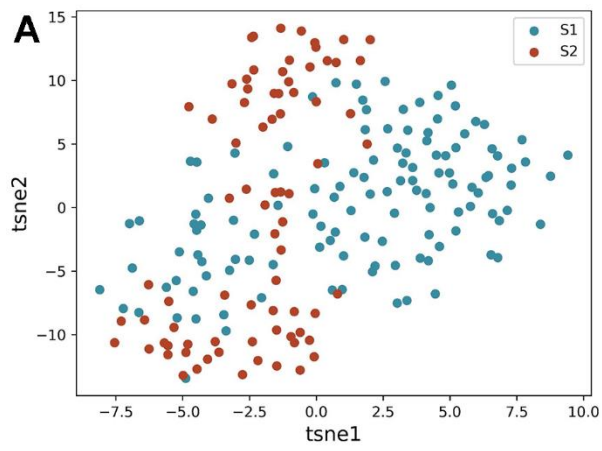# SUPPLEMENTARY FIGURES

Supplementary Figure 1. t-sne results for AE, DAE, VAE, NMF, and CC when the number of clusters is 2. (**A**–**C**) are silhouette, harabasz, and bouldin scores of these algorithms, respectively.

Supplementary Figure 2. t-sne results of NMF and CC when the number of clusters is 2. (**A**, **B**) are t-sne scatter plots of NMF and CC, respectively.