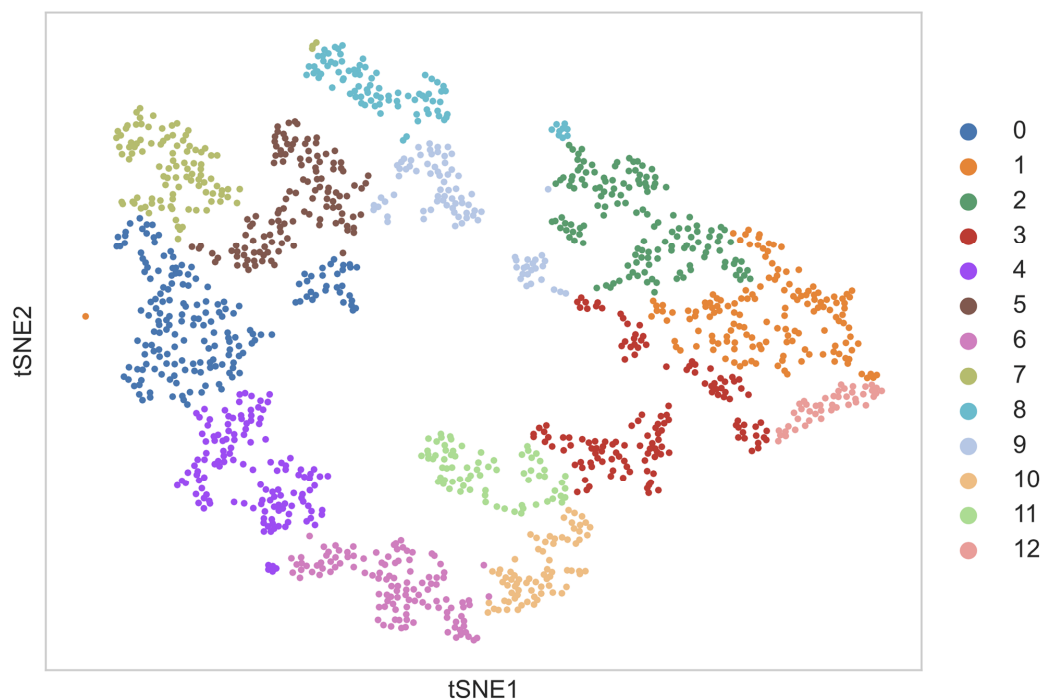


SCPInt: an adversarial disentanglement-based explicit batch correction and integration method for MS-based single-cell proteomics

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Supplementary Figures



Supplementary Figure 1. Distribution of clusters identified by Leiden clustering after integrating Huffman and Specht datasets with SCPInt.

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Supplementary Figure 2. a. Quantitative evaluation of biological conservation and batch-correction performance for SCPInt and comparative methods on Khan dataset. **b.** Scatter plots visualizing the integration results of SCPInt and comparison methods on the Leduc2024 dataset. **c.** Quantitative evaluation of biological conservation and batch-correction performance for SCPInt and comparative methods on Leduc2024 dataset.