Varying number of nearest neighbors + PCA vs. scVI

5 nearest neighbors 20 nearest neighbors 50 nearest neighbors TedSim-Validation - eps=0.005, NN=5 TedSim-Validation - eps=0.005, NN=20 TedSim-Validation - eps=0.005, NN=50 0.8 0.8 0.6 0.6 0.6 --- L2_pca - L2 pca dpt pca dpt pca L2 scvi L2 scvi dpt scv dpt scv zero-line zero-line random random 0.4 0.4 0.2 0.2 0.2 Dept Dept Dept

> L2_pca= L2-cost applied in OT, with cells represented in 30-dim. PCA space dpt_pca= dpt-cost applied in OT, with cells represented in 30-dim. PCA space L2_scvi= L2-cost applied in OT, with cells represented in (10-dim.) scVI latent space dpt_scvi= dpt-cost applied in OT, with cells represented in (10-dim.) scVI latent space

My simulated data