Reconstruction with PCA Reconstruction with PCA\* Reconstr. with Rand. Proj. Num. of Lines 35 - 35 - 35 30 30 - 30 Transf. with PCA\* Transf. with PCA Transf. with Rand. Proj. Num. of Lines 40 40 40 20 - 20 Transf. with LLE Transf. with t-SNE Transf. with UMAP Num. of Lines 40 40 40 20 - 20 - 20 Number of neighbours Number of neighbours Number of neighbours