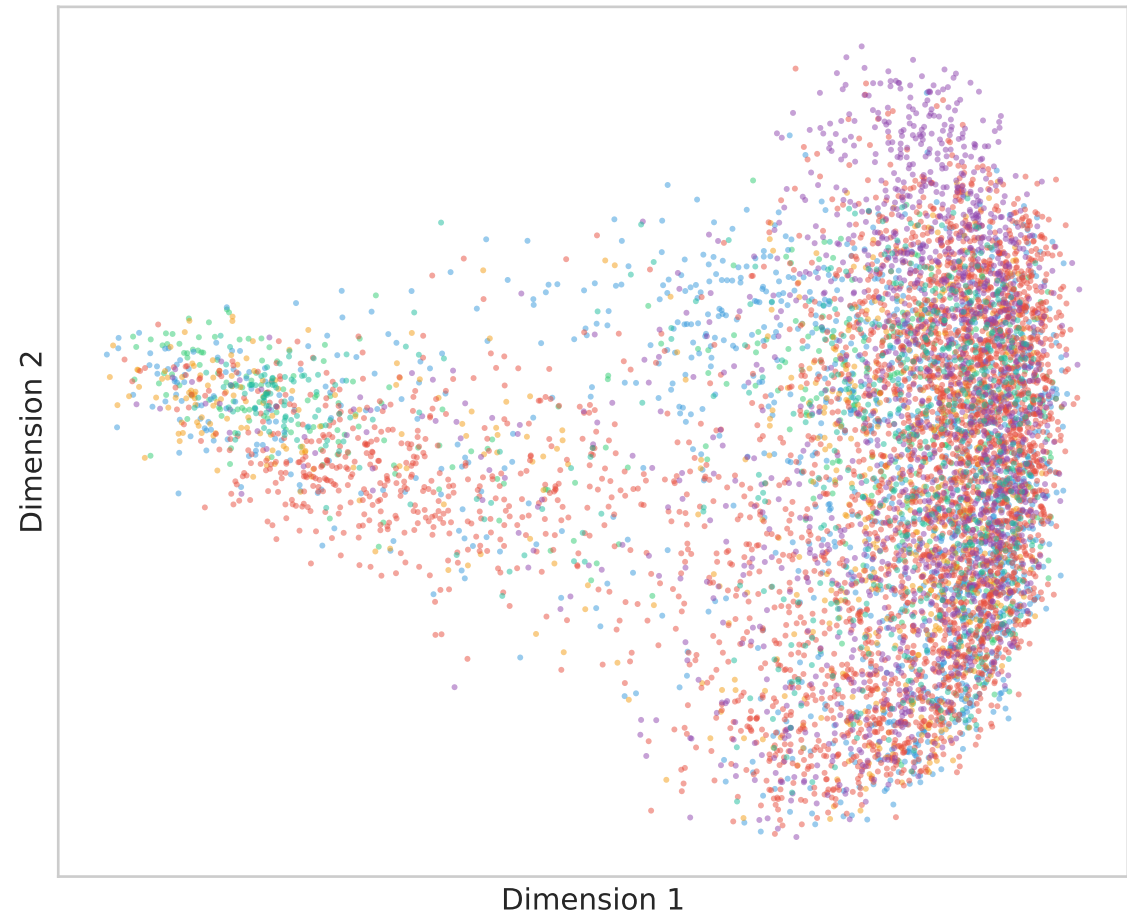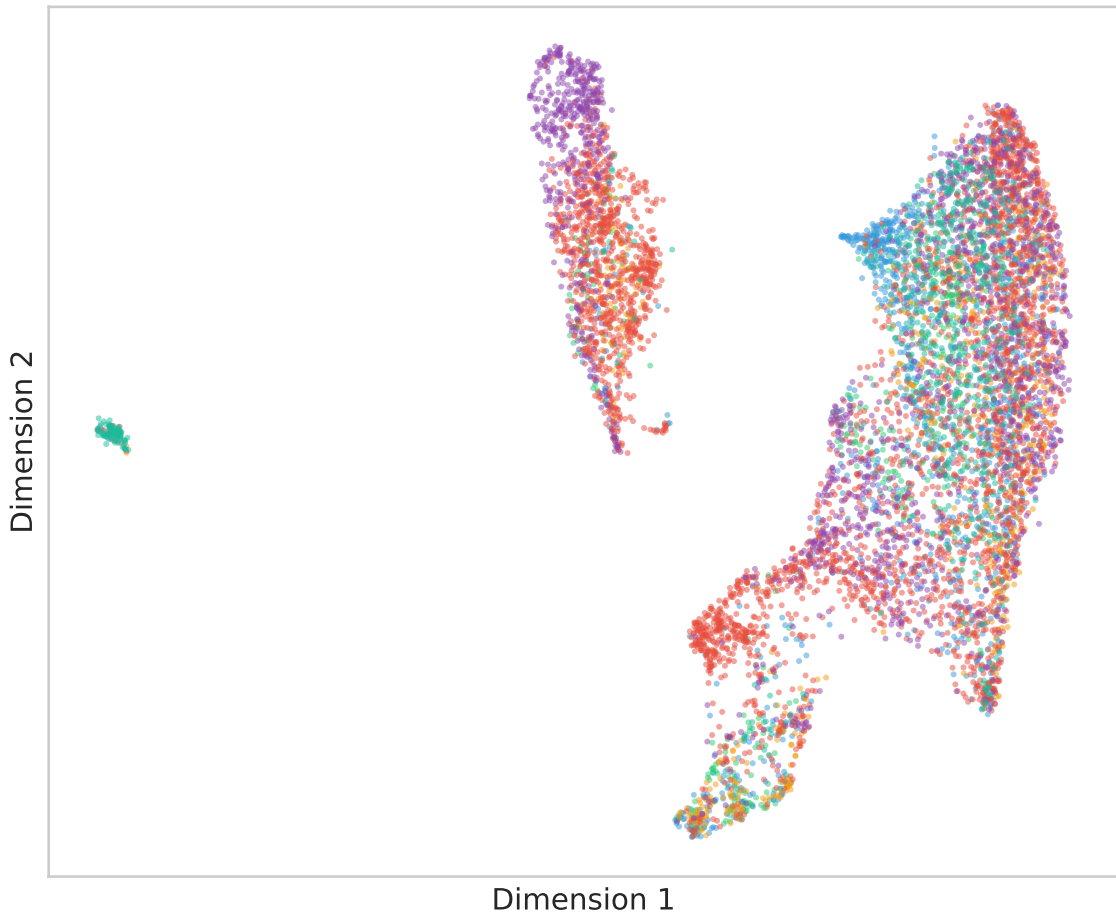**Foundation Model Embeddings: Comprehensive Visualization**
**(COVID-19 6-class Severity)**
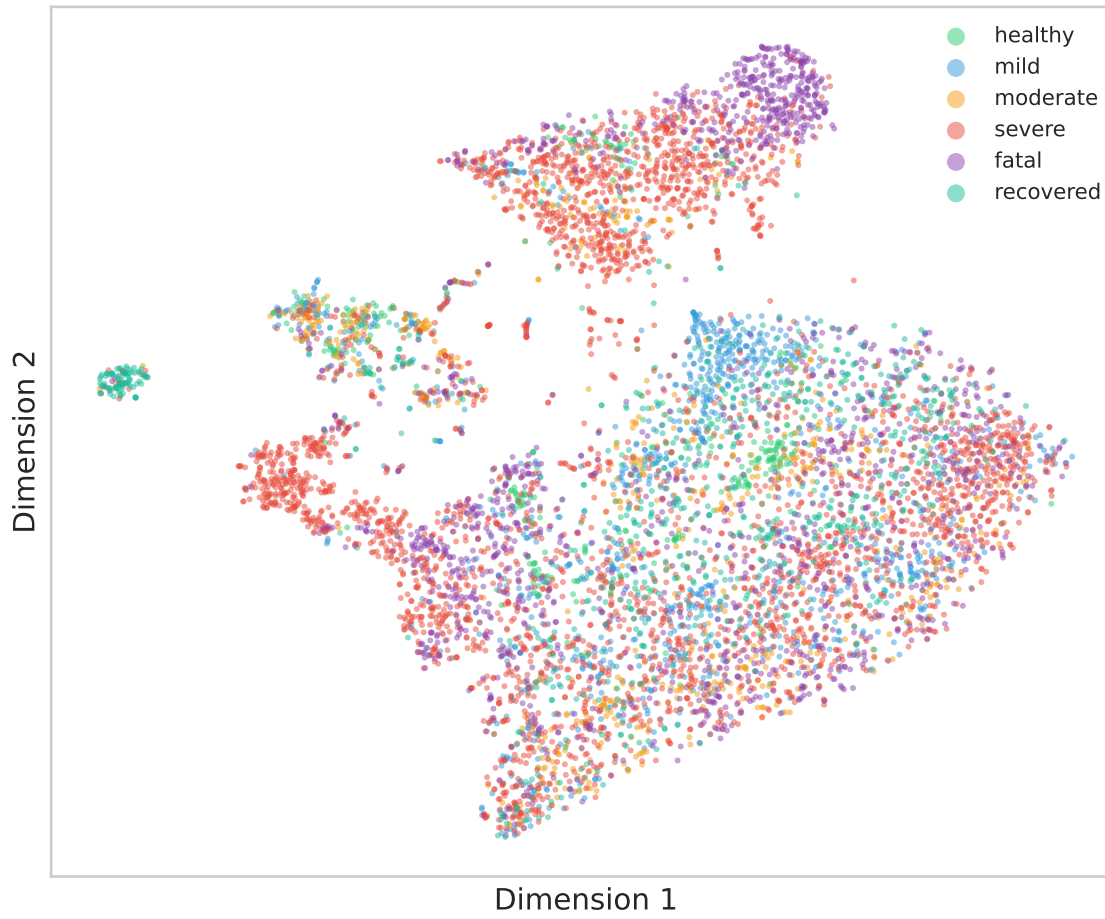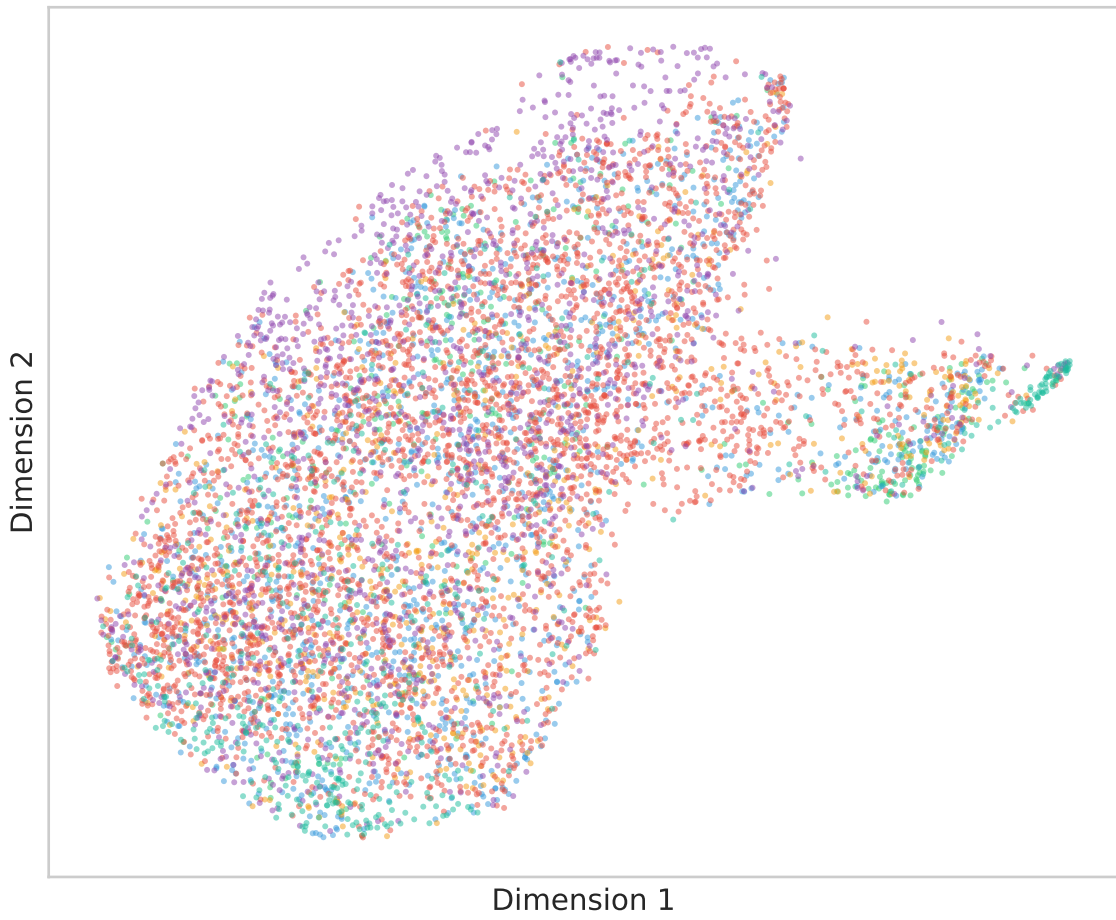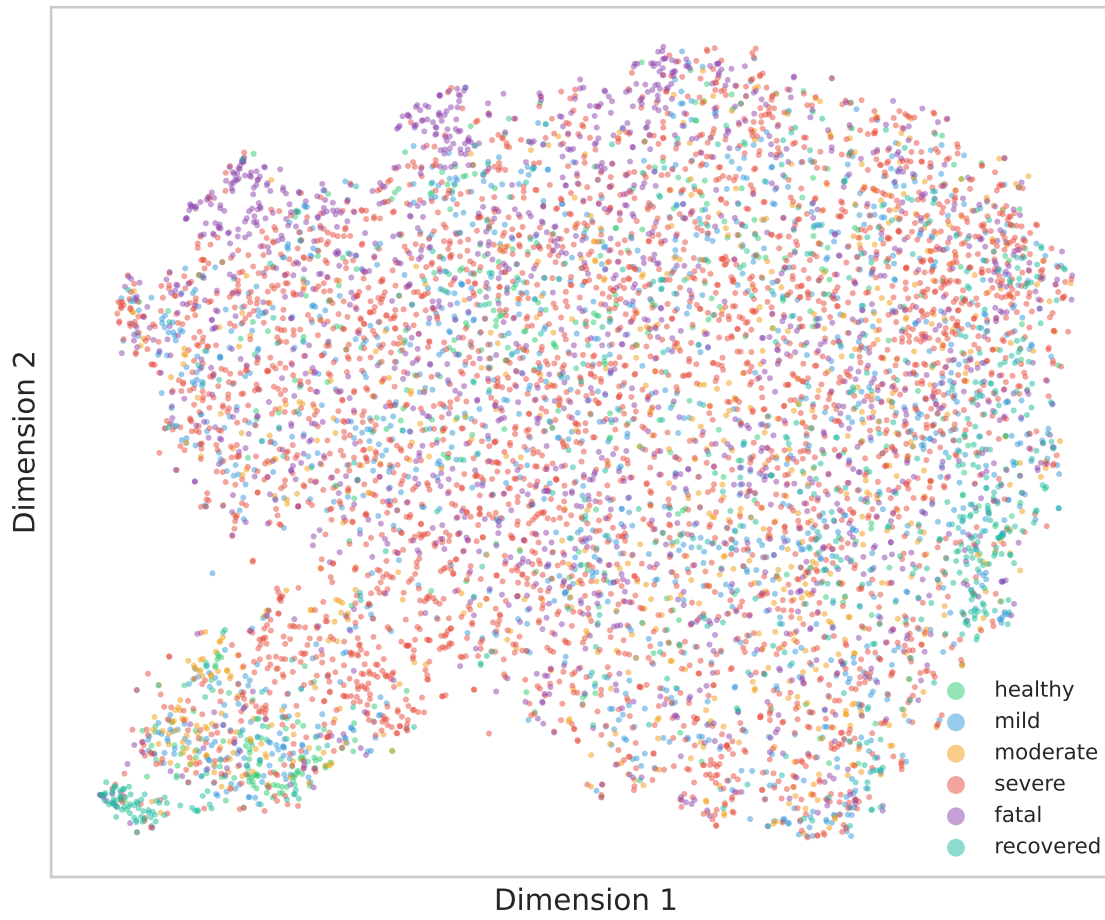
UCE - PCA (Var: 20.2%+15.5%); UCE - UMAP; UCE - tSNE

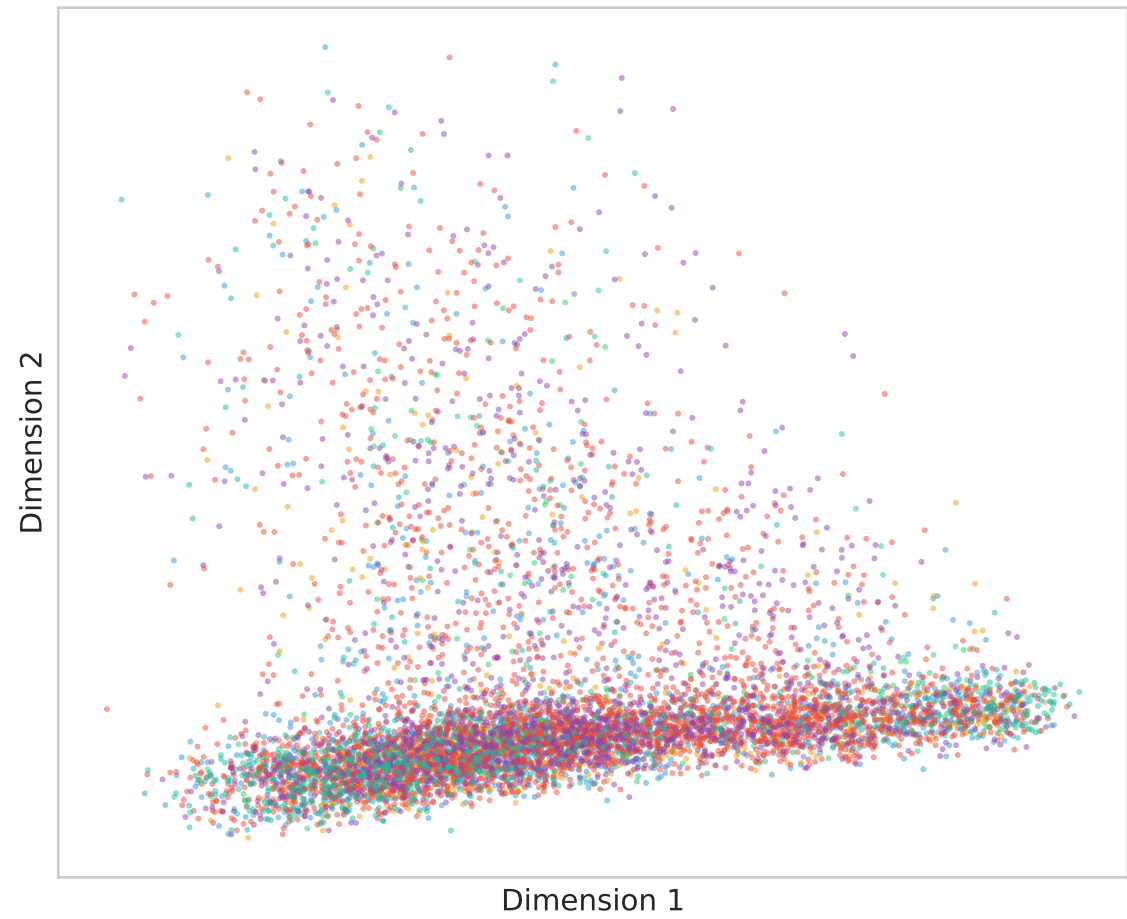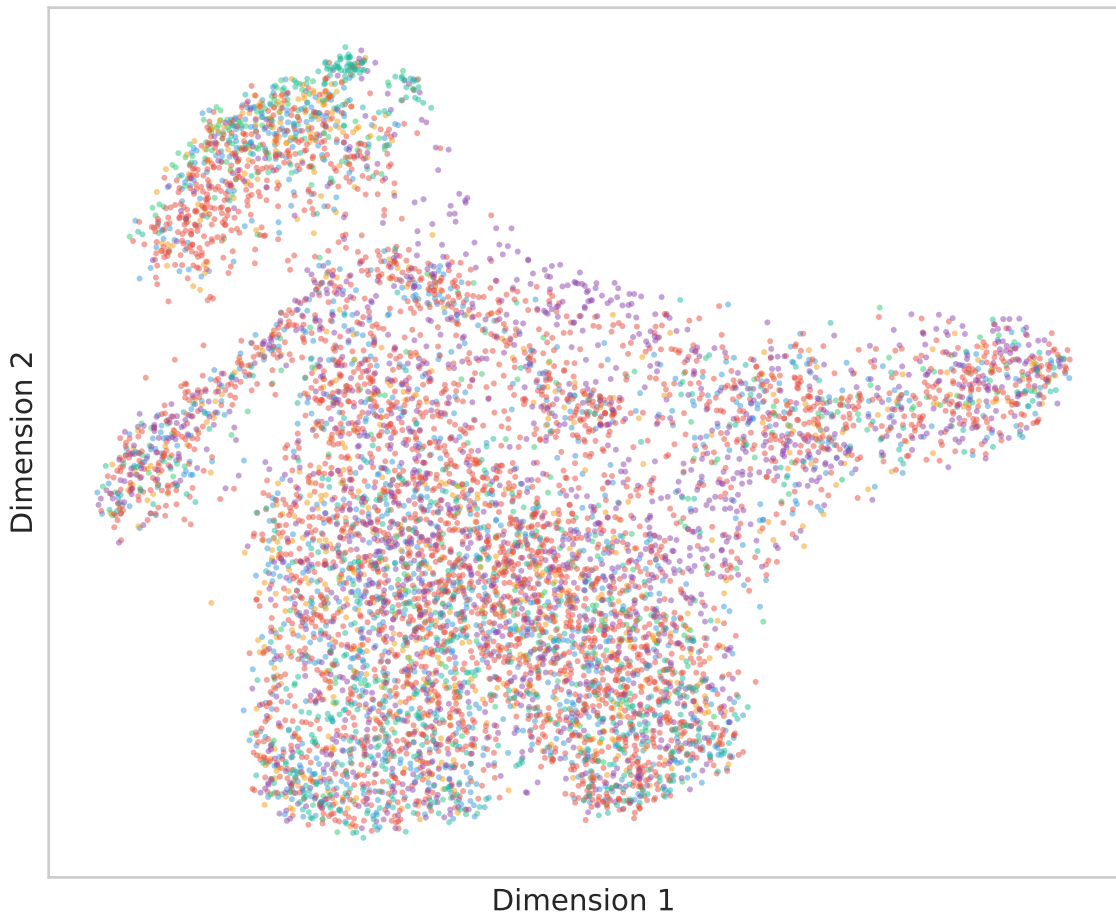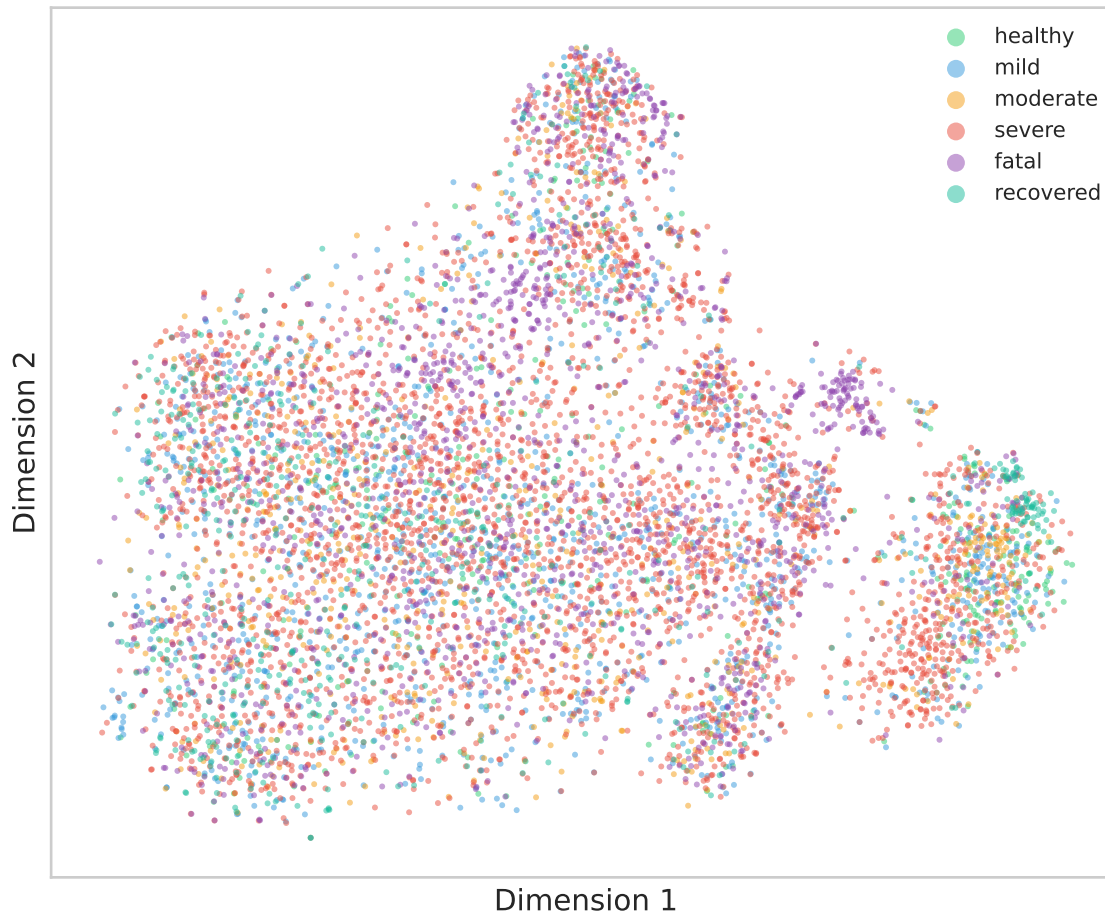TranscriptFormer - PCA (Var: 55.3%+5.7%); TranscriptFormer - UMAP; TranscriptFormer - tSNE

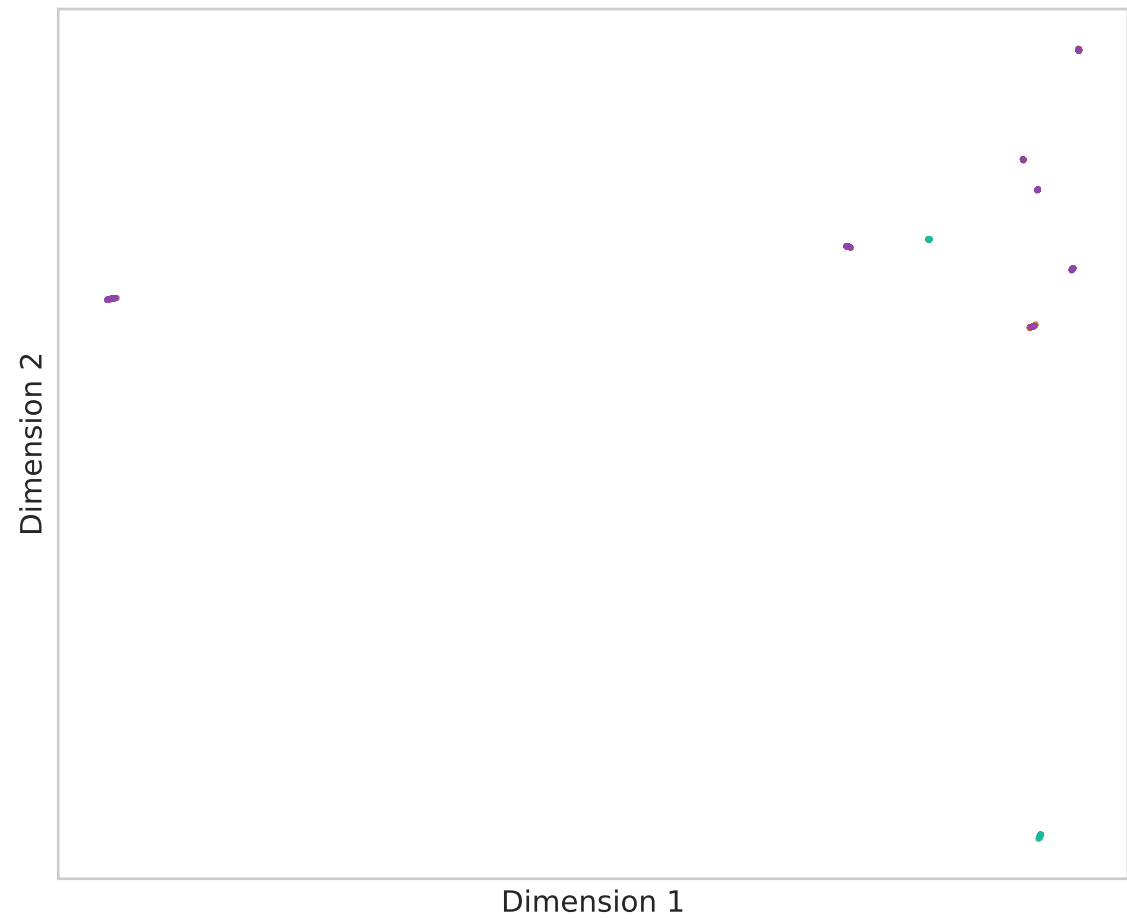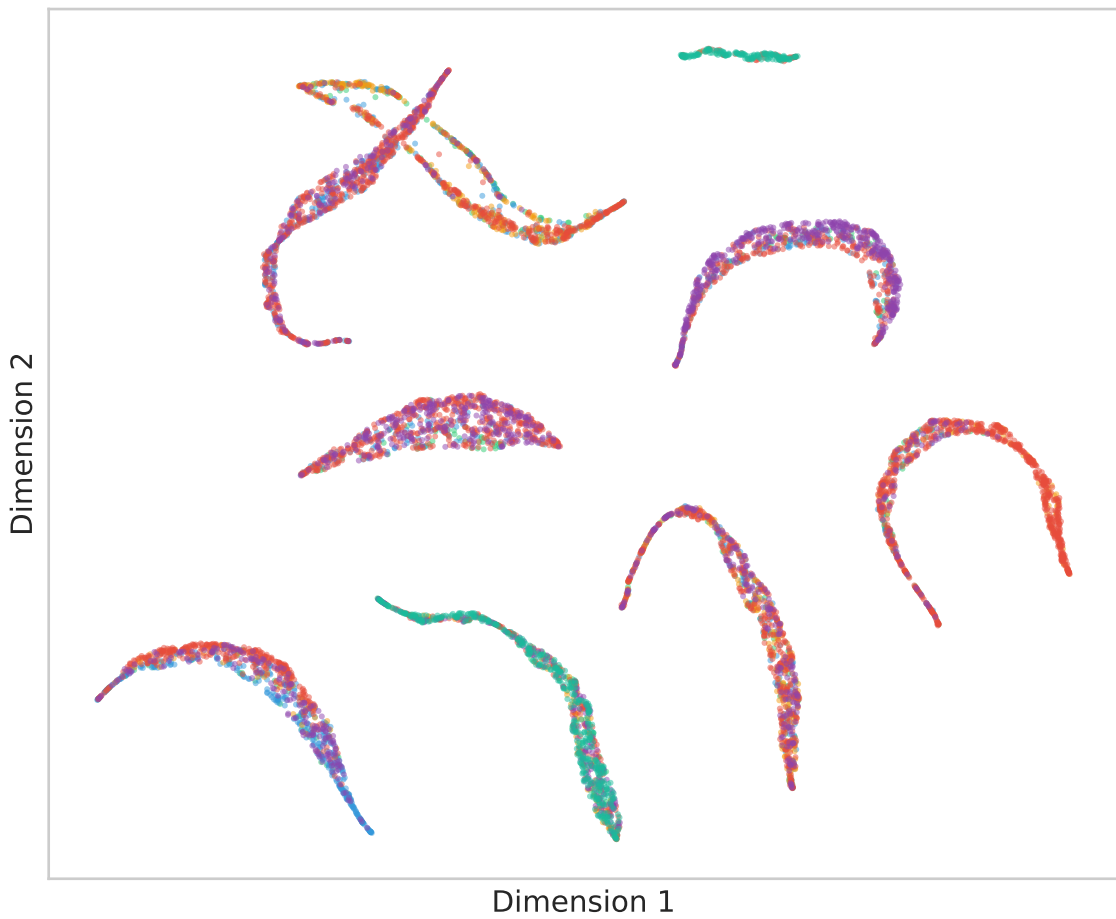Geneformer - PCA (Var: 10.7%+7.0%); Geneformer - UMAP; Geneformer - tSNE

scGPT - PCA (Var: 20.9%+16.3%); scGPT - UMAP; scGPT - tSNE

Legend: healthy, mild, moderate, severe, fatal, recovered

Axes: Dimension 1, Dimension 2