

SUPPLEMENTAL INFORMATION

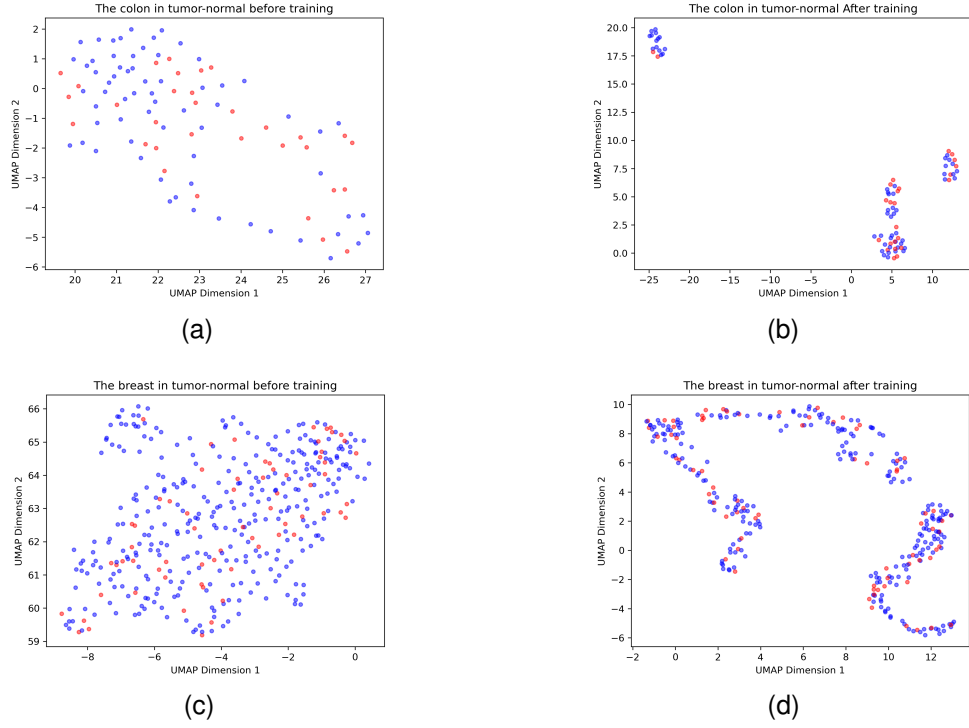


Fig. 6: Figure S1: Dataset Visualization for Cancer Detection in Tumor vs. Normal, related to Figure 4. Red: “normal”, Blue: “tumor”, Before training: The initial data in the embedding layer (feature number: tens of thousands), After training: The data in the second concatenation layer after processing by MoE, self-attention, and cross-net (feature number: hundreds).

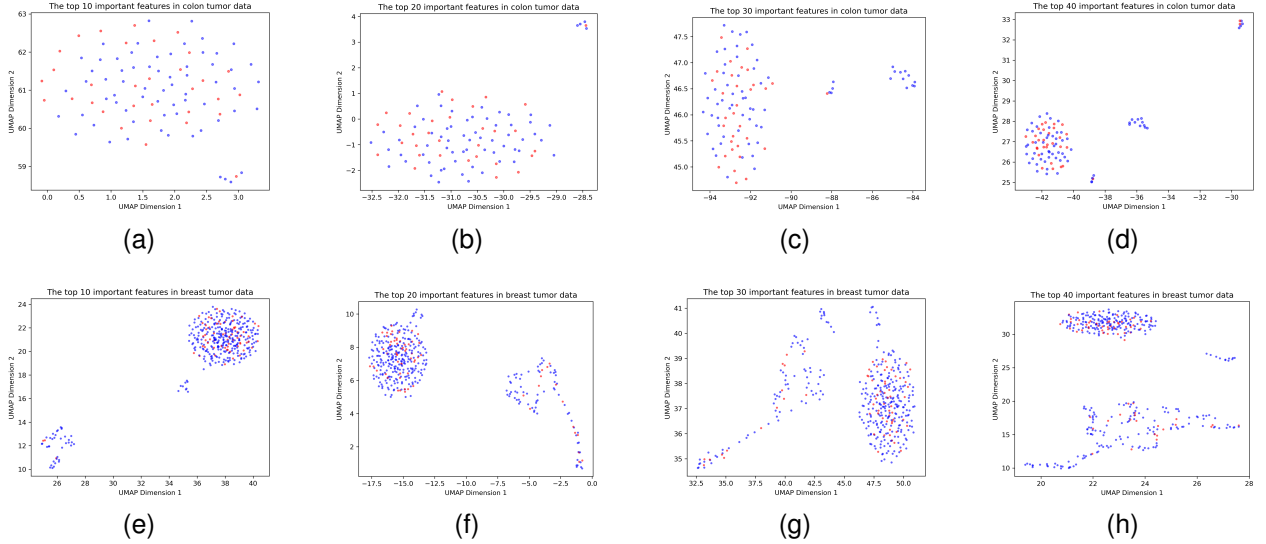


Figure S2: Dataset Visualization based on feature importance ranking for Cancer Detection in Tumor vs. Normal, related to Figure 5. We select the top 10, 20, 30, and 40 features based on importance ranking for dimensionality reduction and visualization. (colon-sample=98, breast-sample=392)