

Supplementary Material of Integrative Graph-Transformer Framework for Histopathology Whole Slide Image Representation and Classification

Anonymous

Anonymous Organization

Table 1. An ablation study conducted to evaluate the effectiveness of FlashAttention compared with Nyström-attention under our framework.

Method	TCGA-NSCLC		TCGA-RCC		BRIGHT-6class	
	ACC(%)	AUC(%)	ACC(%)	AUC(%)	ACC(%)	AUC(%)
IGT with Nyström-attention	90.6	96.6	90.7	97.6	40.6	74.9
IGT with FlashAttention	91.6	96.7	92.4	98.4	43.4	74.5

Table 2. An ablation study conducted to evaluate the effectiveness of our proposed integration method by keeping the Nyström-attention same.

Method	TCGA-NSCLC		TCGA-RCC		BRIGHT-6class	
	ACC(%)	AUC(%)	ACC(%)	AUC(%)	ACC(%)	AUC(%)
TransMIL (Nyström-attention)	89.3	94.2	90.2	97.7	39.6	71.8
IGT with Nyström-attention	90.6	96.6	90.7	97.6	40.6	74.9