

Supplementary Materials of SlideGCD: Slide-based Graph Collaborative Training with Knowledge Distillation for Whole Slide Image Classification

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Table A.1. The detailed experimental settings of baseline and SlideGCD, where † indicates SlideGCD specific parameters.

Configuration	Detailed setting
General Setting	
Patch size	256 × 256 (following the sliding window strategy)
Patch encoder	PLIP (patch embeddings with 512 dimensions)
Batch size	64
Optimizer	Adam optimizer with CosineAnnealingLR scheduler
Runs of training (Baseline)	100 Epochs training
Runs of training (SlideGCD)	100 Epochs training with 10 epochs of warmup
Size of hyperedge †	12
Size of node buffer †	3072
Distillation temperature †	1.5
Baseline model	ABMIL
Learning rate (Baseline)	5e-4
Learning rate (SlideGCD)	5e-4 in warmup and 1e-4 in formal training
Baseline model	PatchGCN & TransMIL
Learning rate (Baseline)	1e-4
Learning rate (SlideGCD)	1e-4 in both warmup and formal training
Baseline model	DTFDMIL (AFS with 4 pseudo-bags)
Learning rate (Baseline)	1e-4
Learning rate (SlideGCD)	1e-4 in both warmup and formal training