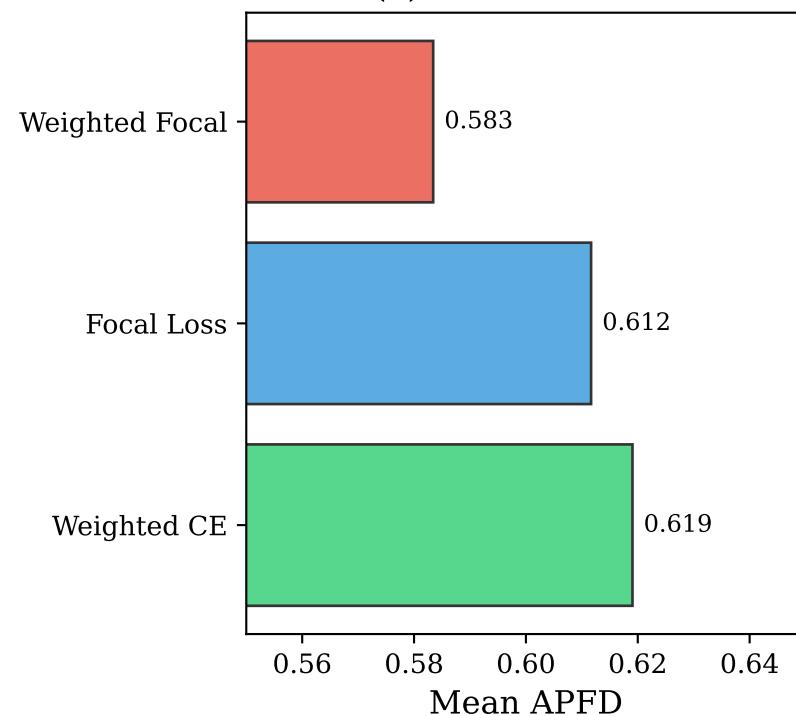
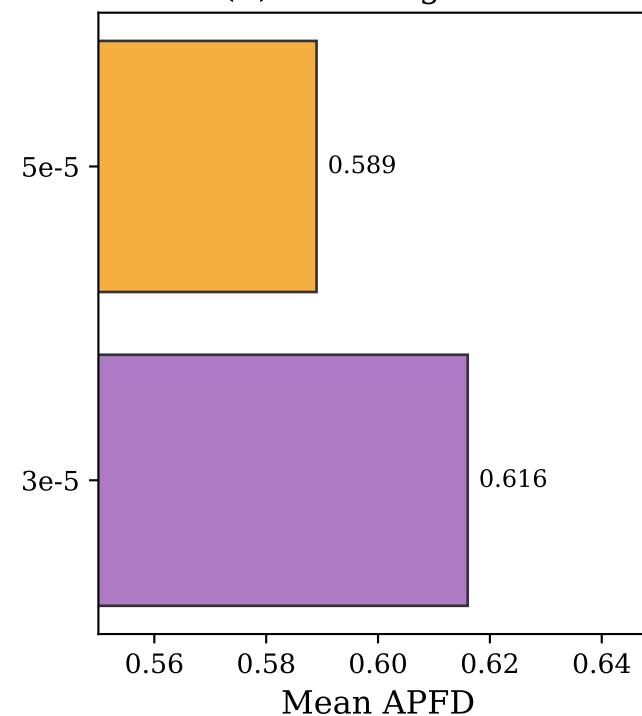


# Hyperparameter Sensitivity Analysis - Filo-Priori v9

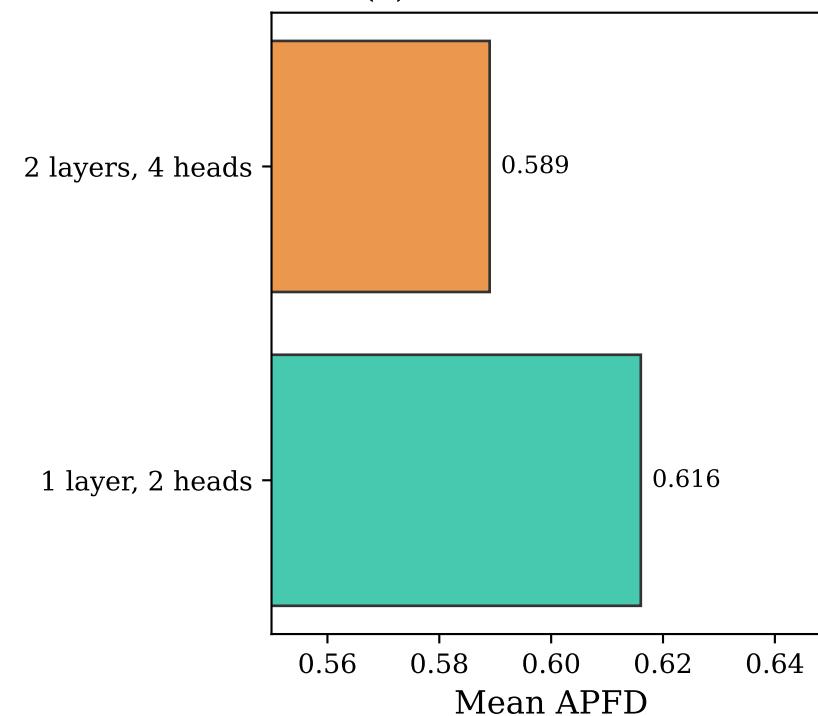
(a) Loss Function



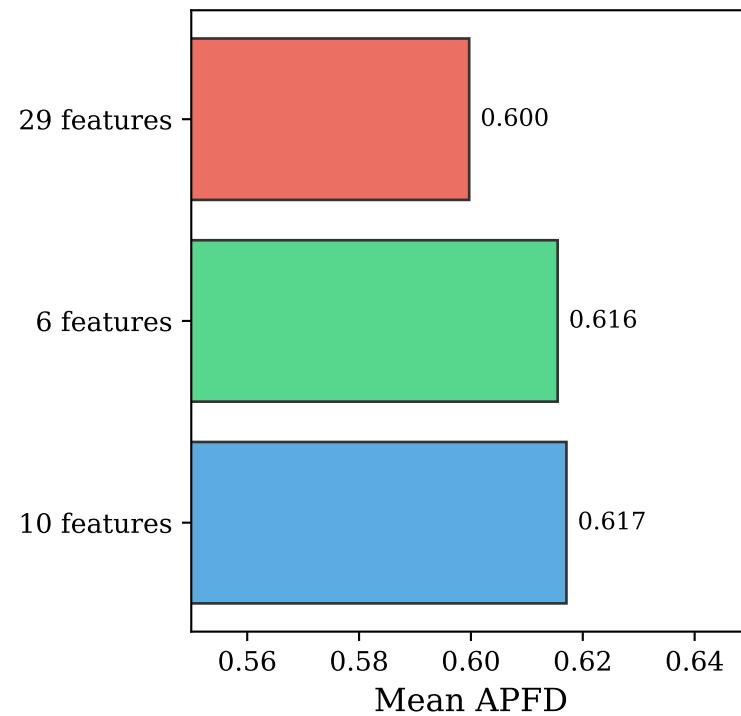
(b) Learning Rate



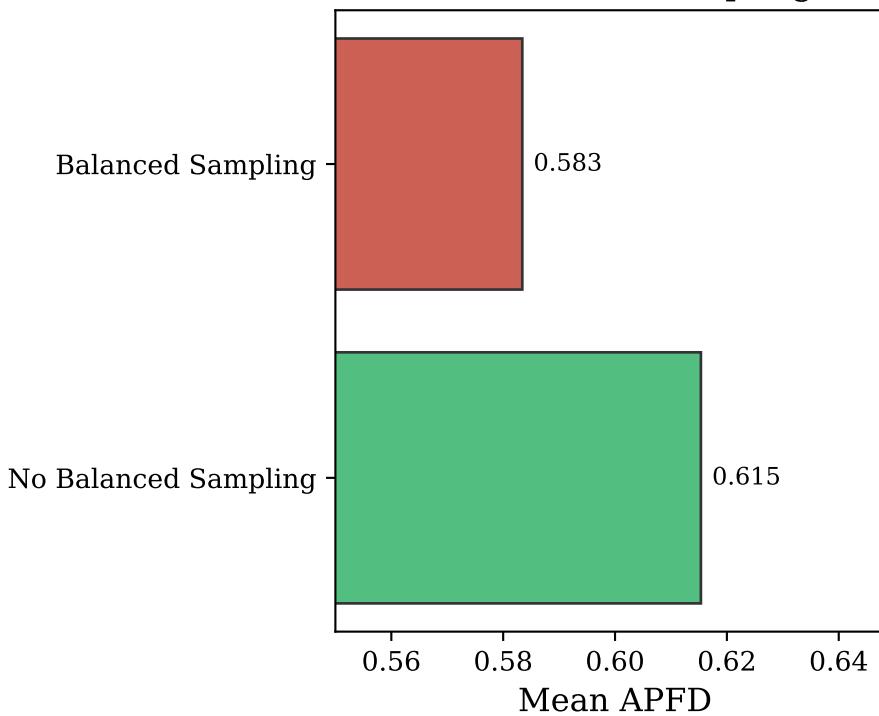
(c) GNN Architecture



(d) Structural Features



(e) Balanced Sampling



(f) Optimal Settings

**Best Configuration:**

- Loss: Weighted CE
  - LR: 3e-5
  - GNN: 1 layer
  - Features: 10
  - Sampling: No