

Table 1: Model Performance: Train, Val, Test

Model	Final Training Loss ↓	Validation Accuracy ↑	Test Accuracy ↑
base_gat	0.272	0.921	0.921
base_sage	0.090	<b>0.977</b>	<b>0.974</b>
label_propagation_gat	0.239	0.912	0.907
label_propagation_sage	0.110	0.964	0.965
gat_gat	0.182	0.906	0.918
gat_sage	<b>0.047</b>	0.974	0.970
sage_gat	0.188	0.910	0.916
sage_sage	0.049	0.973	0.970