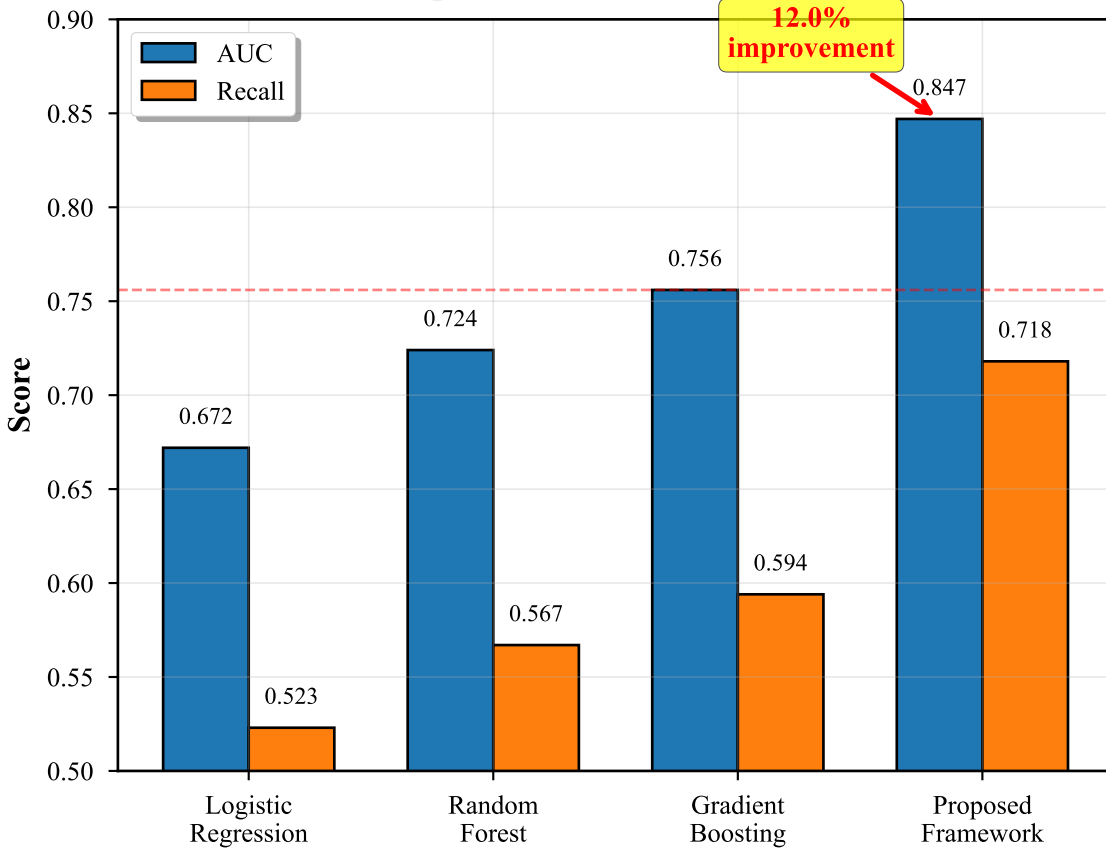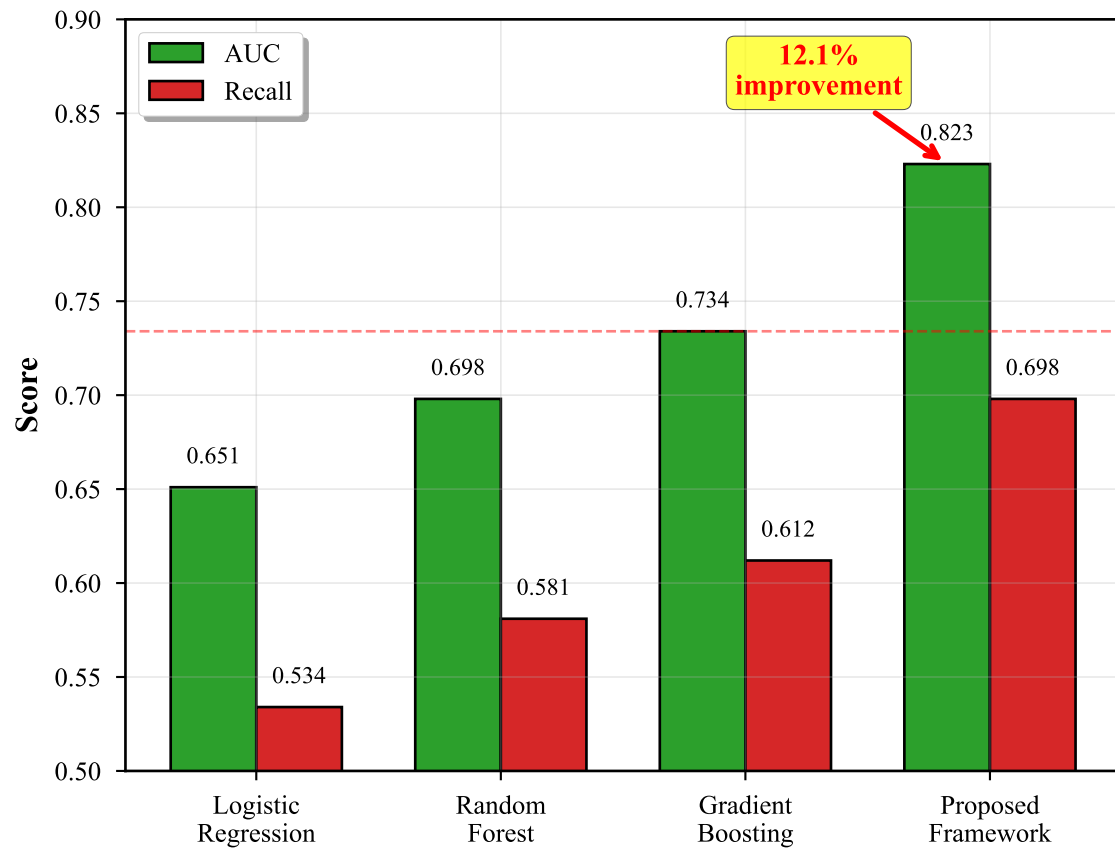Figure 4: Model Performance Comparison Across Architectures
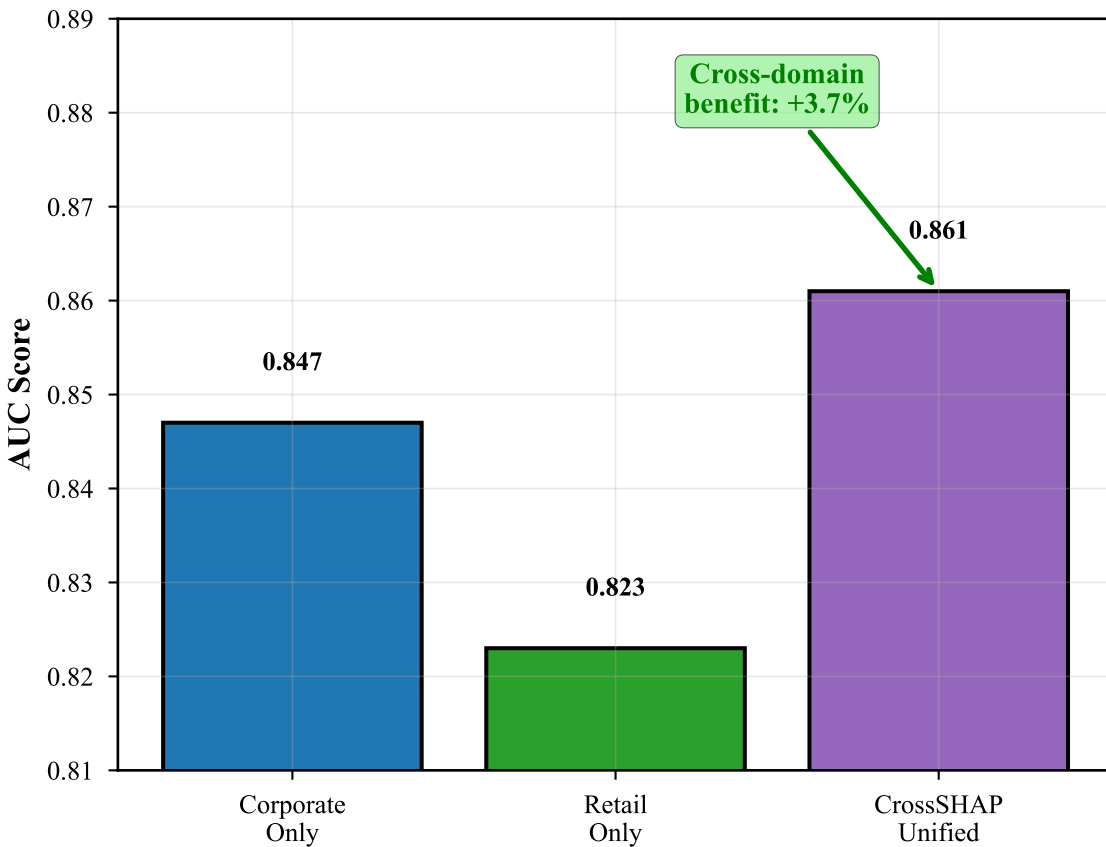
(a) Corporate Domain (Wavelet-Based)

(b) Retail Domain (LSTM-Based)

(c) Cross-Domain Integration Benefits

(d) Performance Metrics Summary

Metric	Corporate	Retail	Unified
AUC	0.847	0.823	0.861
Accuracy	0.798	0.781	0.812
Precision	0.762	0.745	0.789
Recall	0.718	0.698	0.745
F1-Score	0.739	0.721	0.766
Improvement	+12.0%	+12.1%	+3.7%*

Additional improvement over best individual model