

COVID-19 Severity Prediction: Model Ranking
(Binary Classification: Severe vs Non-Severe)

Rank	Model	Classifier	Balanced Acc	AUC	Accuracy	Samples
1	UCE	LogisticRegression	0.793	0.876	0.788	47808
2	TranscriptFormer	LogisticRegression	0.76	0.838	0.755	46949
3	Geneformer	LogisticRegression	0.745	0.824	0.743	46949
4	scGPT	RandomForest	0.732	0.833	0.757	47808