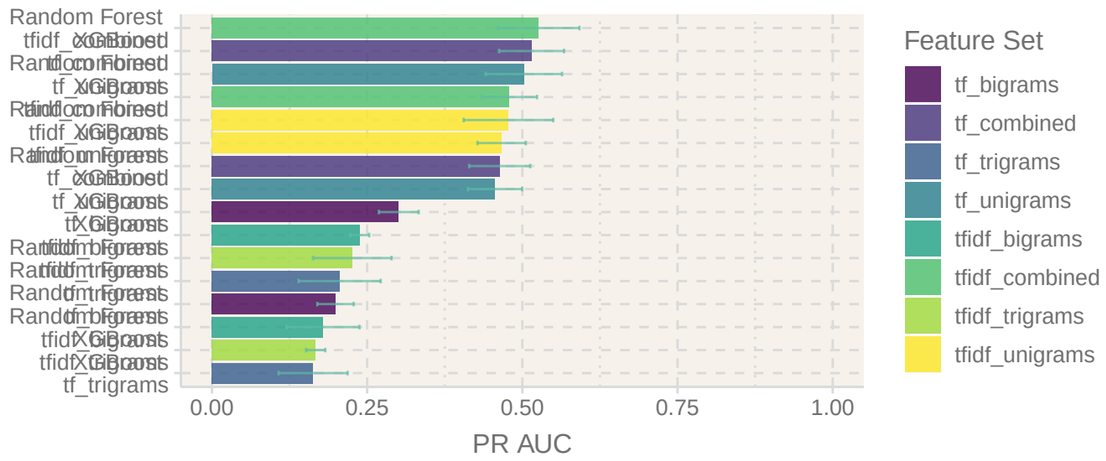
Classifier: is_open_materials

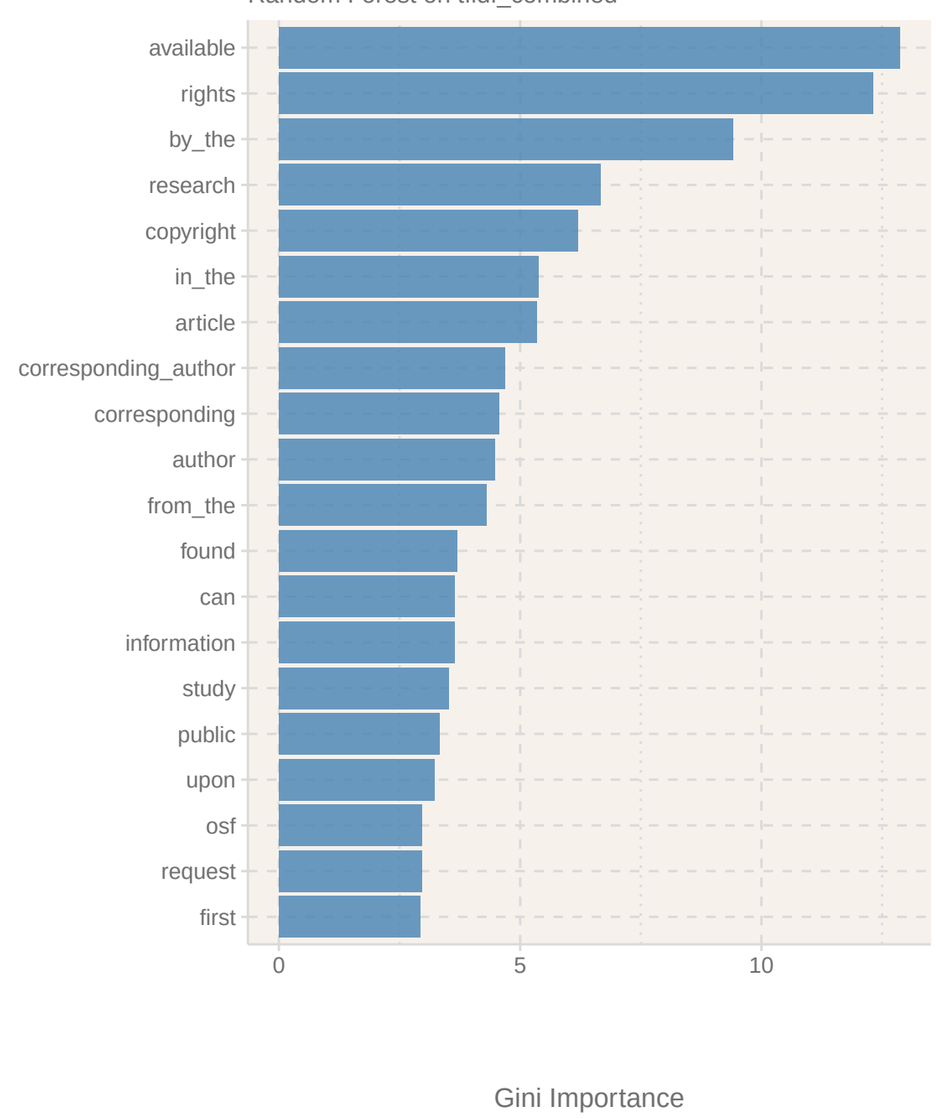
Model Performance Comparison

Mean PR AUC with Standard Error



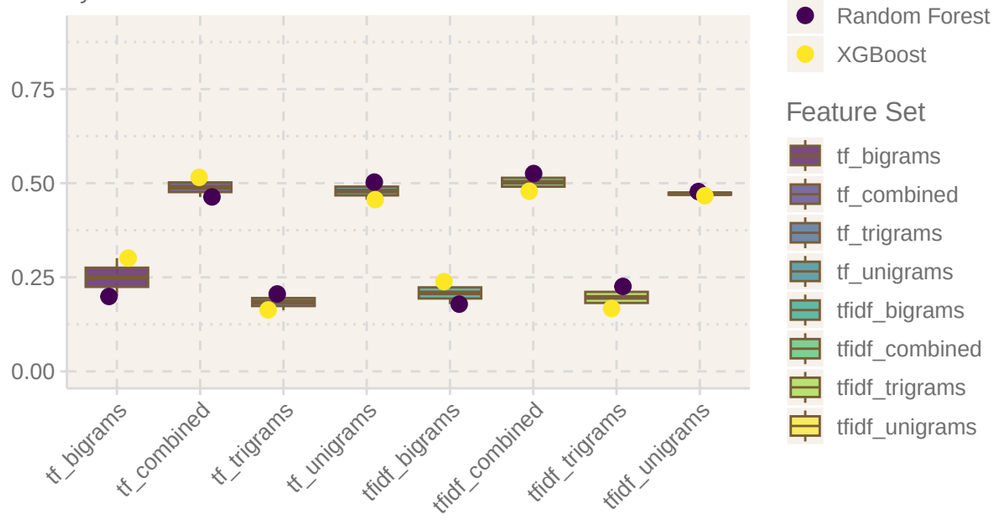
Top Features for Best Model

Random Forest on tfidf_combined



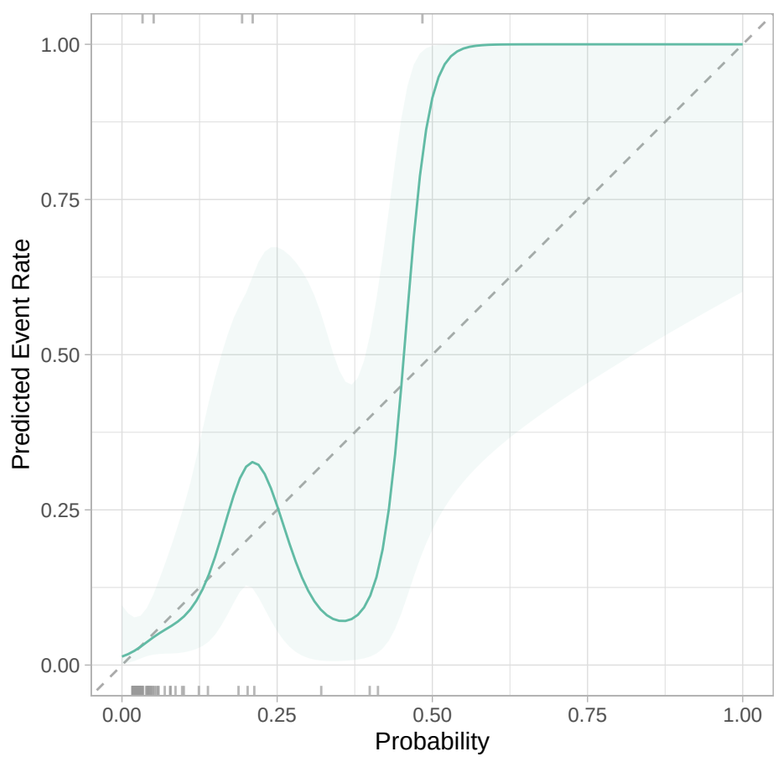
Performance Distribution

by Feature Set



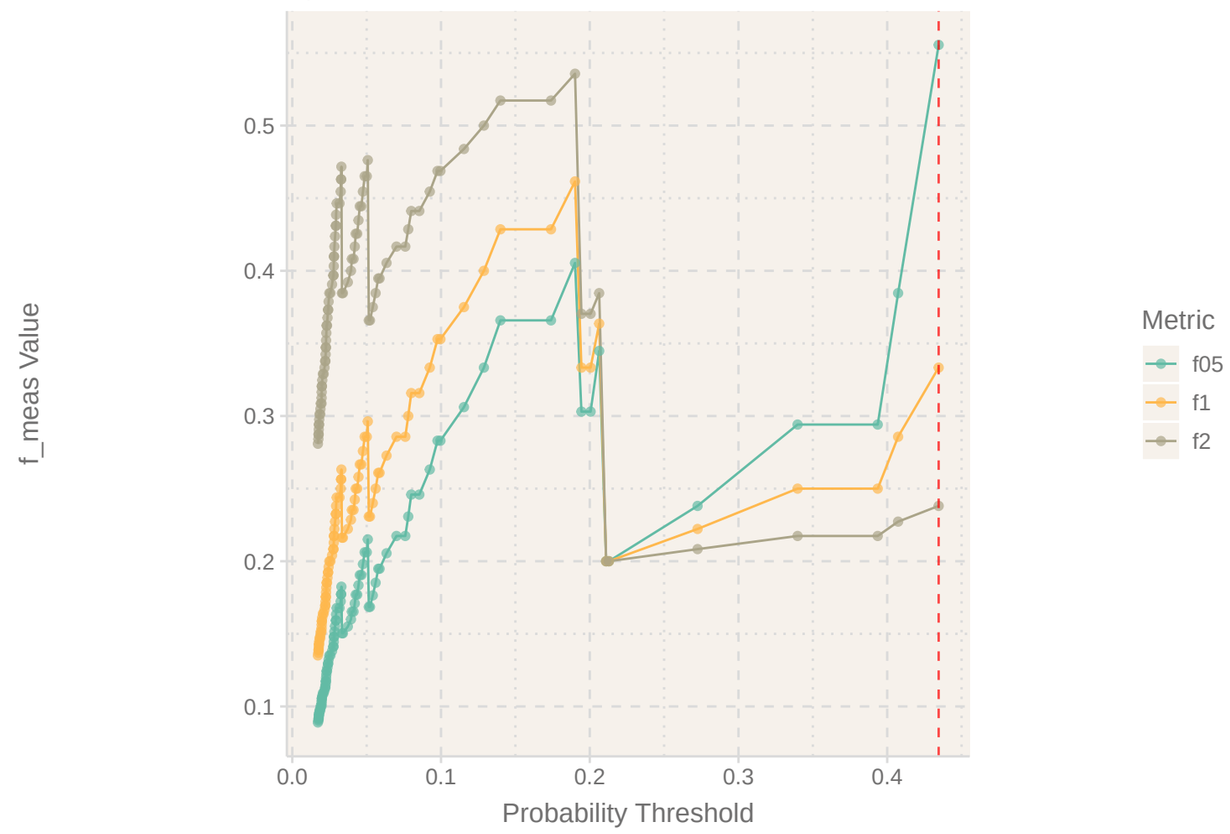
Model Calibration − Is Open Materials

Logistic calibration



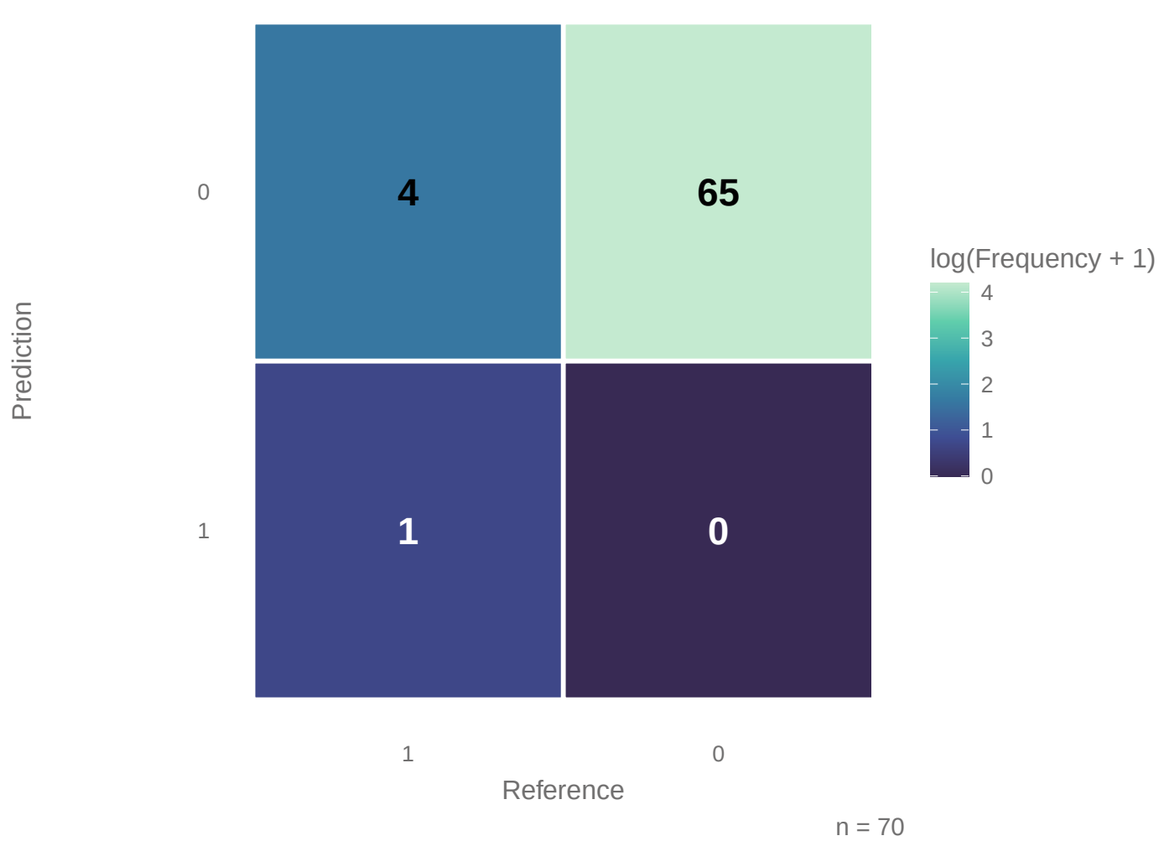
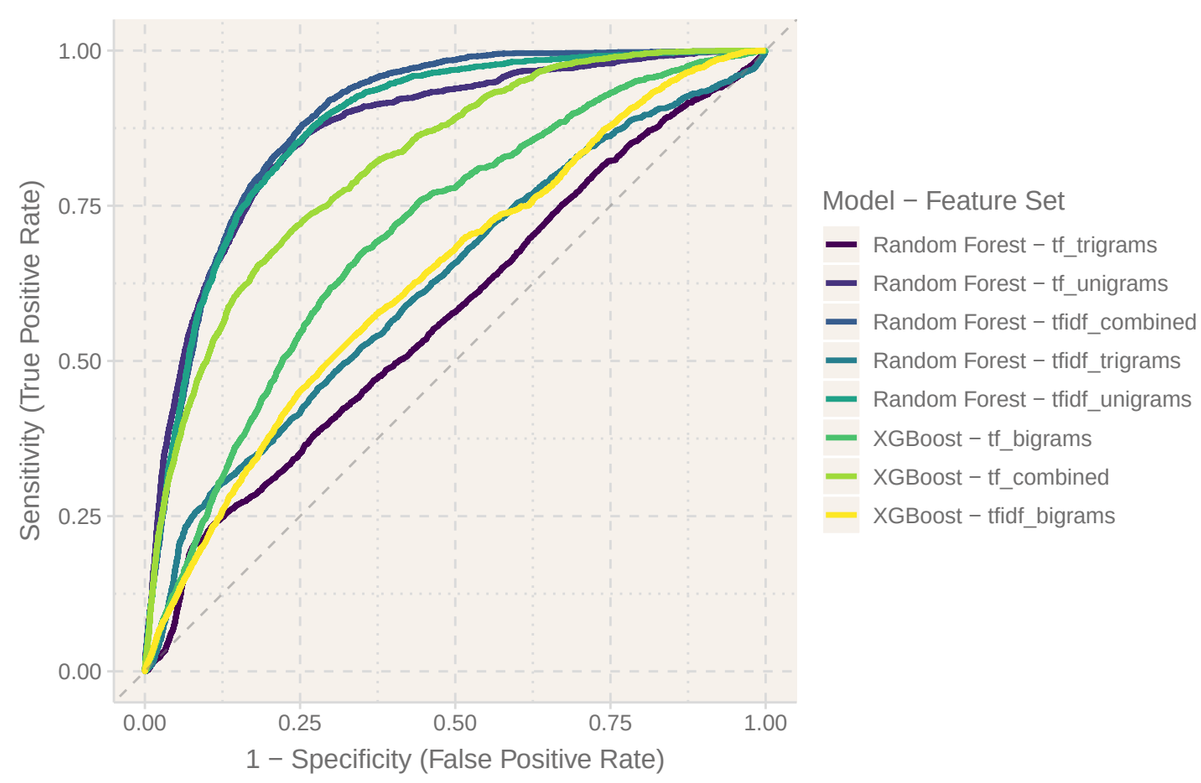
Threshold Sweep

Optimal threshold: 0.435



Confusion Matrix

Accuracy : 94.3% | Balanced Accuracy : 60.0% | Kappa : 31.7%
Sensitivity : 20.0% | Specificity : 100.0% | F1 : 33.3%
P (Acc): 0.434



ROC Curves