Precision-Recall Curve Comparison for All Models Random Forest (Class 0, AUPRC = 0.438) 1.0 Random Forest (Class 1, AUPRC = 0.380) Random Forest (Class 2, AUPRC = 0.409) Random Forest (Class 3, AUPRC = 0.543) Random Forest (Class 4, AUPRC = 0.799) Random Forest (Class 5, AUPRC = 0.856) 0.8 Random Forest (Class 6, AUPRC = 0.935) Random Forest (Class 7, AUPRC = 0.990) Random Forest (Class 8, AUPRC = 0.868) Random Forest (Class 9, AUPRC = 0.891) Random Forest (Class 10, AUPRC = 0.984) 0.6 KNN (Class 0, AUPRC = 0.378) Precision KNN (Class 1, AUPRC = 0.211) KNN (Class 2, AUPRC = 0.357) KNN (Class 3, AUPRC = 0.389) KNN (Class 4, AUPRC = 0.657)KNN (Class 5, AUPRC = 0.781) 0.4 KNN (Class 6, AUPRC = 0.905) KNN (Class 7, AUPRC = 0.977)KNN (Class 8, AUPRC = 0.830) KNN (Class 9, AUPRC = 0.831) KNN (Class 10, AUPRC = 0.953) 0.2 XGBoost (Class 0, AUPRC = 0.434) XGBoost (Class 1, AUPRC = 0.366) XGBoost (Class 2, AUPRC = 0.376) XGBoost (Class 3, AUPRC = 0.517) XGBoost (Class 4, AUPRC = 0.767) 0.0 0.2 0.4 XGBoost (Class 5, AUPRC = 0.829) Recall XGBoost (Class 6, AUPRC = 0.926) XGBoost (Class 7, AUPRC = 0.989) XGBoost (Class 8, AUPRC = 0.876) XGBoost (Class 9, AUPRC = 0.850) XGBoost (Class 10, AUPRC = 0.974)