

S6 Table. Performance of machine learning models for classifying DS use using PIR

Model	With only demographic variables as predictors					After adding “RXD use” as a predictor				
	Accuracy	Precision	Recall	F1	AUROC	Accuracy	Precision	Recall	F1	AUROC
Logistic Regression	0.652	0.638	0.613	0.63	0.705	0.653	0.64	0.614	0.626	0.708
Naïve Bayes	0.647	0.625	0.634	0.63	0.701	0.646	0.62	0.652	0.636	0.703
Random Forest	0.64	0.625	0.6	0.61	0.689	0.635	0.617	0.611	0.614	0.682
SMO (SVM)	0.644	0.638	0.577	0.61	0.641	0.65	0.639	0.601	0.619	0.647