

S4 Table. Performance of machine learning models for classifying DS use

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	0.646	0.633	0.604	0.62	0.7	0.651	0.636	0.614	0.625	0.703
Naïve Bayes	0.644	0.621	0.641	0.63	0.698	0.641	0.615	0.647	0.631	0.699
Random Forest	0.631	0.612	,602	,607	0.67	0.624	0.602	0.609	0.606	0.664
SMO (SVM)	0.613	0.617	0.482	0.54	0.606	0.646	0.628	0.622	0.925	0.645