

Model	Accuracy	ROC AOC	F1	Precision	Recall	
SVM-RBF	96.17%	95.26%	97.84%	97.77%	98.10%	
SVM-Linear	91.10%	91.21%	95.01%	95.02%	95.30%	
Logit	94.09%	92.77%	96.81%	94.72%	99.07%	
Random Forest	94.94%	93.71%	96.66%	97.37%	95.28%	
Extra Trees	94.97%	93.15%	97.16%	97.37%	97.16%	
Model	Accuracy	ROC AOC	F1	Precision	Recall	
SVM-Linear	2	5	2	11	4	
Logit	14	8	14	14	14	
Random Forest	8	12	1	13	2	
Extra Trees	14	2	14	7	2	
				Feature Selection		
Recall	Training	Test		Recall	Training	Test
SVM	99.32%	95.77%		SVM	96.58%	97.18%
Logistic Regression	99.32%	88.73%		Random Forest	100.00%	90.14%
Random Forest	100.00%	90.14%				
Accuracy	Training	Test				
SVM	99.66%	94.37%				
Logistic Regression	98.65%	84.51%				
Random Forest	97.56%	94.37%				
Random Forest (Multiclass	63.41%	66.20%				

Precision	Training	Test				
SVM	100.00%	92.96%				
Logistic Regression	100.00%	84.51%				
Random Forest	97.52%	95.77%				