

Classifier	Training F1 Score	Testing F1 Score	Hyperparameter
CFX + DT	0.916	0.837	INA: 0.029 DT: 0.066 EPS: 0.238
CFX + AdaBoost	0.628	0.51	INA: 0.023 DT: 0.070 EPS: 0.237
CFX + GNB	0.849	0.829	INA: 0.030 DT: 0.070 EPS: 0.228
CFX + $k$ -NN*	0.895	0.874	INA: 0.029 DT: 0.070 EPS: 0.213
CFX + RF	0.92	0.82	INA: 0.030 DT: 0.069 EPS: 0.229
CFX + SVM*	0.904	0.874	INA: 0.029 DT: 0.066 EPS: 0.217
SA DT	0.858	0.758	MSL: [1, 2, 3, 4] MD: [1, 2, 3, 4] CCP: ccp_alphas
SA AdaBoost	0.58	0.552	NEST: [1, 10, 50, 100, 500, 1000, 5000, 10000]
SA GNB	0.569	0.512	N/A
SA $k$ -NN	0.995	0.921	$k$ : [1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27]
SA RF*	0.985	0.942	MD: [1, 2, 3, 4], NEST: [1, 10]
SA SVM	0.988	0.921	c: [0.1 -- 100.0 with step up increment of 0.1]
SA ChaosNet	0.752	0.726	INA: 0.030 DT: 0.070 EPS: 0.230