

Supplementary Table. Performance of baseline and ML-based RPMs using 5-folds cross-validation

Models	ANN		Linear SVM		RBF-SVM		RF		Baseline RPM	
Confusion Matrix	Case	Control	Case	Control	Case	Control	Case	Control	Case	Control
Case	178	52	181	49	177	53	180	50	181	49
Control	40	190	41	189	50	180	55	175	50	180
Sensitivity	0.774		0.787		0.770		0.783		0.787	
Specificity	0.826		0.822		0.783		0.761		0.783	
Accuracy	80.00		80.44		77.60		77.20		78.47	
AUC	0.868		0.861		0.844		0.849		0.854	
Kappa-statistic	0.601		0.601		0.560		0.551		0.570	
RMSE	0.381		0.402		0.416		0.412		0.402	
NRI	3.0%		3.9%		-1.7%		-2.6%			