Method	Best Train Score	Best Test Score	Number of predictors	Prediction time (ms)	Best CV hyperparameter
BaseLine (Tree)	1.00000	0.81700	78.00000	0.00000	
Tree (LOSO CV)	0.98594	0.83827	56.00000	0.00000	Best depth = 8
Tree (Normal CV)	0.98594	0.83210	55.00000	0.00000	Best depth = 8
Tree (with 90% Var. PCA)	0.92135	0.78272	61.00000	0.00000	90% variance of predictors, and best depth =6
Random Forest	*1.00000*	*0.90494*	-	*0.00000*	
Adaboost Tree	0.97402	0.87654	-	0.00000	number_of_estimators =4, learning_rate =1
Logistic Regression (LOSO CV)	0.99929	0.83580	1928.00000	0.00000	C= 0.0001
SVC (LOSO CV)	1.00000	0.60988	-	0.00000	
GMM	0.27455	0.22346	-	0.00000	

Individually Trained Model	Average Best Train Score	Average Best Test Score	Number of predictors	Prediction time (ms)	Best CV hyperparameter
Random forest	1.00000	0.99900	-	0.00000	