

Supplementary Table: S15: The hyper-parameter details of all the algorithms used in this study. Some algorithms have used default parameters and some custom optimizations, which are also available in source code provided at the GitHub site.

SN.	Algorithm	Parameters
1.	Logistic Regression	max_iter= 10000
2.	Gaussian NB	default
3.	Support Vector Machine	kernel = 'rbf', probability=True
4.	Decision Tree Classifier	criterion = 'entropy', random_state=1
5.	Random Forest Classifier	n_estimators = 10, criterion = 'entropy', random_state=0
6.	K-Neighbors Classifier	n_neighbors = 5, metric = 'minkowski', p = 2
7.	Linear Discriminant Analysis	Default
8.	Multinomial NB	default
9.	Ada Boost Classifier	default
10.	Gradient Boosting Classifier	default
11.	Extra Trees Classifier	default
12.	Bagging Classifier	default