center	subtract mean from values
scale	divide values by standard deviation
range	values normalization
zv	remove attributes with zero variance
boxcox	apply box-cox transform to non-zero positive values
yeojohnson	apply Yeo-Johnson transform to all values
pca	transform data to the principal components
ica	transform data to their independent components
mice	Multivariate imputation using chained equations for missing values

Table 1: Integrated Feature Preprocessing Algorithms in SmartML

Classifier Algorithm	Categorical parameters	Numerical parameters	Package
SVM	1	4	e1071
NaiveBayes	0	2	klaR
KNN	0	1	FNN
Bagging	0	5	ipred
part	1	2	RWeka
J48	1	2	RWeka
RandomForest	0	2	randomForest
c50	3	2	C50
rpart	0	4	rpart
LDA	1	1	MASS
PLSDA	1	1	caret
LMT	0	1	RWeka
RDA	0	2	klaR
NeuralNet	0	1	nnet
DeepBoost	1	4	deepboost

Table 2: The list of supported classifiers and their source packages in SmartML along with number of types of hyper-parameters to be tuned.