

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Classifier

Choose J48 -C 0.25 -M 2

Test options

☐ Use training set

☐ Supplied test set Set...

☒ Cross-validation Folds 80

☐ Percentage split % 66

More options...

(Nom) Output

Start Stop

Result list (right-click for options)

11:54:42 - trees.j48

Classifier output

Number of Leaves : 2

Size of the tree : 3

Trees.J48

Time taken to build model: 0.02 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	100	100	%
Incorrectly Classified Instances	0	0	%
Happa statistic	1		
Mean absolute error	0		
Root mean squared error	0		
Relative absolute error	0	%	
Root relative squared error	0	%	
Total Number of Instances	100		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	No
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	Yes
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

=== Confusion Matrix ===

a b <-- classified as

50 0 | a = No

0 50 | b = Yes

Status

OK

Log

11:54 AM 2024/10/06

Weka Explorer

Preprocess

Classify

Cluster

Associate

Select attributes

Visualize

Classifier

Choose DecisionTable -X 1 -S "weka.attributeSelection.BestFirst-D 1 -N 5"

Test options

☐ Use training set

☐ Supplied test set

☐ Cross-validation

☒ Percentage split

Set...

Folds 10

% 80

More options...

(Nom) Output

Start

Stop

Result list (right-click for options)

20:16:57 - trees.J48

20:18:25 - trees.RandomForest

20:18:48 - trees.RandomTree

20:19:00 - trees.LMT

20:19:20 - trees.HoeffdingTree

20:19:41 - trees.DecisionStump

20:19:55 - rules.DecisionTable

Classifier output

Time taken to build model: 0 seconds

=== Evaluation on test split ===

Time taken to test model on test split: 0 seconds

Tree.DecisionStump

=== Summary ===

Correctly Classified Instances	20	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0		
Root mean squared error	0		
Relative absolute error	0	%	
Root relative squared error	0	%	
Total Number of Instances	20		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	No
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	Yes
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

=== Confusion Matrix ===

a b <-- Classified as

10 0 | a = No

0 10 | b = Yes

Status

OK

Log

Type here to search

31°C Smoke

8:21 PM

2024/10/04

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Classifier

ChooseLWL -U 0 -K -1 -A "weka.core.neighboursearch.LinearNNSearch -A \"weka.core.EuclideanDistance -R first-last\" -W weka.classifiers.trees.DecisionStump

Test options

Use training set

Supplied test set

Cross-validation

Percentage split

Folds10

%80

More options...

(Nom) Output

StartStop

Result list (right-click for options)

20:16:57 - trees.J48

20:18:25 - trees.RandomForest

20:18:48 - trees.RandomTree

20:19:00 - trees.LMT

20:19:20 - trees.HoeffdingTree

20:19:41 - trees.DecisionStump

20:19:55 - rules.DecisionTable

20:21:56 - lazy.LWL

Classifier output

Time taken to build model: 0 seconds

=== Evaluation on test split ===

Time taken to test model on test split: 0 seconds

--- Summary ---

Correctly Classified Instances	20	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0		
Root mean squared error	0		
Relative absolute error	0	%	
Root relative squared error	0	%	
Total Number of Instances	20		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	No
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	Yes
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

=== Confusion Matrix ===

a b

<-- Classified as

10 0 | a = No

0 10 | b = Yes

Status

OK

Log

x 0

Type here to search

31°C Smoke

8:22 PM

2024/10/04