

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Classifier

Choose148-C 0.25-M 2

Test options

☐ Use training set

☐ Supplied test set

☒ Cross-validation

☐ Percentage split

Folds10

%66

More options...

(Nom) class

StartStop

Result list (right-click for options)

13:22:21 - rules.ZeroR

13:22:41 - trees.J48

Classifier output

Time taken to build model: 0.02 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	144	96	%
Incorrectly Classified Instances	6	4	%
Kappa statistic	0.94		
Mean absolute error	0.035		
Root mean squared error	0.1506		
Relative absolute error	7.8705 %		
Root relative squared error	33.6353 %		
Total Number of Instances	150		

--- Detailed Accuracy By Class ---

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.98	0	1	0.98	0.99	0.99	Iris-setosa
	0.94	0.03	0.94	0.94	0.94	0.962	Iris-versicolour
	0.96	0.03	0.941	0.96	0.95	0.961	Iris-virginica
Weighted Avg.	0.96	0.02	0.96	0.96	0.96	0.968	

--- Confusion Matrix ---

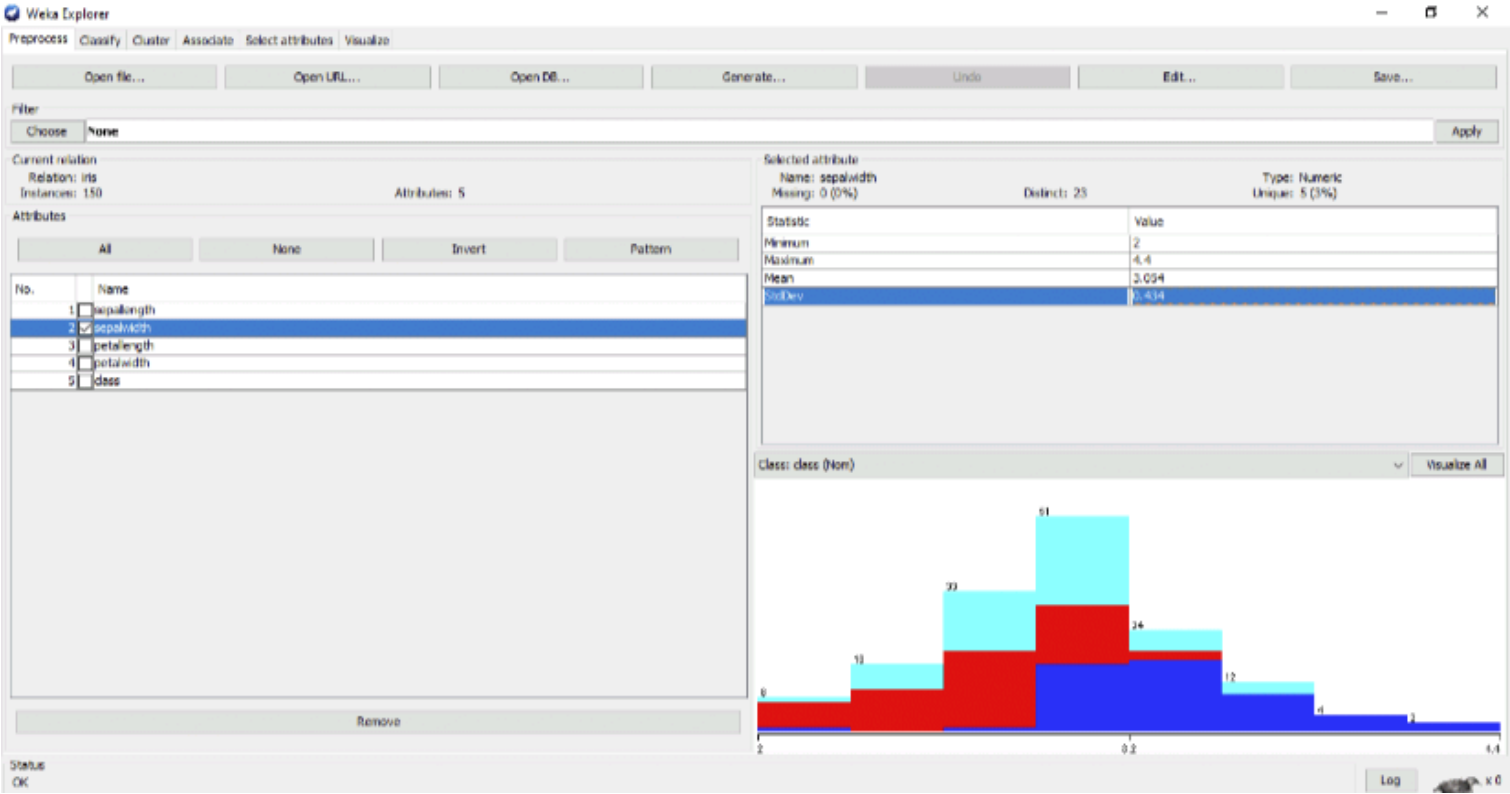
```
a b c <-- classified as
49 1 0 | a = Iris-setosa
0 47 3 | b = Iris-versicolour
0 2 48 | c = Iris-virginica
```

Status

OK

Log

x 0



Weka Explorer

Preprocess

Classify

Cluster

Associate

Select attributes

Visualize

Classifier

Choose

J48 -C 0.25 -M 2

Test options

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☐ Percentage split

Folds

10

%

55

More options...

(nom) class

Start

Stop

Result list (right-click for options)

13:22:21 - rules.ZeroR

13:22:41 - trees.J48

Classifier output

Run information

Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2

Relation: iris

Instances: 150

Attributes: 5

sepalength

sepalwidth

petallength

petalwidth

class

Test mode:10-fold cross-validation

Classifier model (full training set)

J48 pruned tree

petalwidth <= 0.6: Iris-setosa (50.0)

petalwidth > 0.6

| petalwidth <= 1.7

| | petallength <= 4.9: Iris-versicolor (46.0/1.0)

| | petallength > 4.9

| | | petalwidth <= 1.5: Iris-virginica (3.0)

| | | petalwidth > 1.5: Iris-versicolor (3.0/1.0)

| petalwidth > 1.7: Iris-virginica (46.0/1.0)

Number of Leaves : 5

Size of the tree : 9

Time taken to build model: 0.03 seconds

Status

OK

Log

x 0