

## Classifier

Choose **REPTree -M 2 -V 0.001 -N 3 -S 1 -L -1**

## Test options

- ☐ Use training set
- ☐ Supplied test set
- ☒ Cross-validation Folds
- ☐ Percentage split %
- 

(Nom) class

Result list (right-click for options)

20:20:53 - trees.REPTree

## Classifier output

Size of the tree : 5

Time taken to build model: 0.01 seconds

=== Stratified cross-validation ===  
=== Summary ===

Correctly Classified Instances	141	94	%
Incorrectly Classified Instances	9	6	%
Kappa statistic	0.91		
Mean absolute error	0.0563		
Root mean squared error	0.1936		
Relative absolute error	12.6749 %		
Root relative squared error	41.0599 %		
Total Number of Instances	150		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	1	0	1	1	1	1	Iris-setosa
	0.92	0.05	0.902	0.92	0.911	0.948	Iris-versicolor
	0.9	0.04	0.918	0.9	0.909	0.948	Iris-virginica
Weighted Avg.	0.94	0.03	0.94	0.94	0.94	0.965	

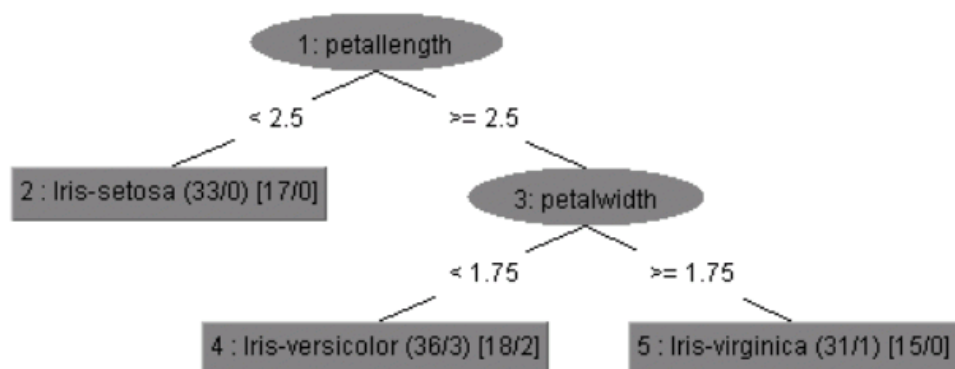
=== Confusion Matrix ===

```
a b c <-- classified as
50 0 0 | a = Iris-setosa
0 46 4 | b = Iris-versicolor
0 5 45 | c = Iris-virginica
```

Status

OK

Tree View



Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Classifier

ChooseREPTree -M 2 -V 0.001 -N 3 -S 1 -L -1

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)

20:20:53 - trees.REPTree

Classifier output

--- Run information ---

Scheme:weka.classifiers.trees.REPTree -M 2 -V 0.001 -N 3 -S 1 -L -1

Relation: iris

Instances: 150

Attributes: 5

sepalwidth

sepalwidth

petalwidth

petalwidth

class

Test mode:10-fold cross-validation

--- Classifier model (full training set) ---

REPTree

=====

petalwidth < 2.5 : Iris-setosa (33/0) [17/0]

petalwidth >= 2.5

| petalwidth < 1.75 : Iris-versicolor (36/3) [18/2]

| petalwidth >= 1.75 : Iris-virginica (31/1) [15/0]

Size of the tree : 5

Time taken to build model: 0.01 seconds

--- Stratified cross-validation ---

--- Summary ---

Correctly Classified Instances14194%

Incorrectly Classified Instances956%

Status

OK

Log