

Options: -C 0.25 -M 2

J48 pruned tree

```
petalwidth <= 0.6: Iris-setosa (50.0)
petalwidth > 0.6
| petalwidth <= 1.7
| | petallength <= 4.9: Iris-versicolor (48.0/1.0)
| | 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: 0.01 seconds

Time taken to test model on training data: 0 seconds

=== Error on training data ===

Correctly Classified Instances	147	98	%
Incorrectly Classified Instances	3	2	%
Kappa statistic	0.97		
Mean absolute error	0.0233		
Root mean squared error	0.108		
Relative absolute error	5.2482 %		
Root relative squared error	22.9089 %		
Total Number of Instances	150		

=== Confusion Matrix ===

```
a b c <-- classified as
50 0 0 | a = Iris-setosa
0 49 1 | b = Iris-versicolor
0 2 48 | c = Iris-virginica
```

=== Stratified cross-validation ===

Correctly Classified Instances	144	96	%
Incorrectly Classified Instances	6	4	%
Kappa statistic	0.94		
Mean absolute error	0.035		
Root mean squared error	0.1586		
Relative absolute error	7.8705 %		
Root relative squared error	33.6353 %		

Total Number of Instances 150

=== Confusion Matrix ===

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

Options: -C 0.25 -M 2

J48 pruned tree

```
petalwidth <= 0.6: Iris-setosa (50.0)
petalwidth > 0.6
| petalwidth <= 1.7
| | petallength <= 4.9: Iris-versicolor (48.0/1.0)
| | 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: 0.01 seconds

Time taken to test model on training data: 0 seconds

=== Error on training data ===

Correctly Classified Instances	147	98	%
Incorrectly Classified Instances	3	2	%
Kappa statistic	0.97		
Mean absolute error	0.0233		
Root mean squared error	0.108		
Relative absolute error	5.2482 %		
Root relative squared error	22.9089 %		
Total Number of Instances	150		

=== Confusion Matrix ===

```
a b c <-- classified as
50 0 0 | a = Iris-setosa
 0 49 1 | b = Iris-versicolor
 0 2 48 | c = Iris-virginica
```

=== Stratified cross-validation ===

Correctly Classified Instances	144	96	%
Incorrectly Classified Instances	6	4	%
Kappa statistic	0.94		
Mean absolute error	0.035		
Root mean squared error	0.1586		
Relative absolute error	7.8705 %		
Root relative squared error	33.6353 %		
Total Number of Instances	150		

=== Confusion Matrix ===

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