

Select attributes   Visualize

```
candidates 100 -periodic-pruning 10000 -min-density 2.0 -t1 -1.25 -t2 -1.0 -N 2 -A "weka.core.EuclideanDistance -R first-last" -l 500 -num-slots 1
```

**Cluster output**

```
== Run information ==
Scheme: weka.clusterers.SimpleKMeans -init 0 -max-candidates 100 -periodic-pruning
Relation: iris
Instances: 150
Attributes: 5
sepallength
sepalwidth
petallength
petalwidth
class
Test mode: evaluate on training data

== Clustering model (full training set) ==
kMeans
Number of iterations: 7
Within cluster sum of squared errors: 62.1436882815797
Initial starting points (random):
Cluster 0: 6.1,2.9,4.7,1.4,Iris-versicolor
Cluster 1: 6.2,2.9,4.3,1.3,Iris-versicolor
Missing values globally replaced with mean/mode
Final cluster centroids:
Attribute Full Data Cluster#
0 1
```

Log x 0 Log x 0



Associate    Select attributes    Visualize

candidates 100 -periodic-pruning 10000 -min-density 2.0 -t1 -1.25 -t2 -1.0 -N 2 -A "weka.core.EuclideanDistance" -R first-last -l 500 -num-slots 1

**Clusterer output**

Within cluster sum of squared errors: 62.1436882815797

Initial starting points (random):

Cluster 0: 6.1,2.9,4.7,1.4,Iris-versicolor  
 Cluster 1: 6.2,2.9,4.3,1.3,Iris-versicolor

Missing values globally replaced with mean/mode

Final cluster centroids:

Attribute	Full Data	Cluster# 0	Cluster# 1
	(150.0)	(100.0)	(50.0)
sepallength	5.8433	6.262	5.006
sepalwidth	3.054	2.872	3.418
petallength	3.7587	4.906	1.464
petalwidth	1.1987	1.676	0.244
class	Iris-setosa	Iris-versicolor	Iris-setosa

Time taken to build model (full training data) :: 0 seconds

== Model and evaluation on training set ==

Clustered Instances

0	100 ( 67%)
1	50 ( 33%)

