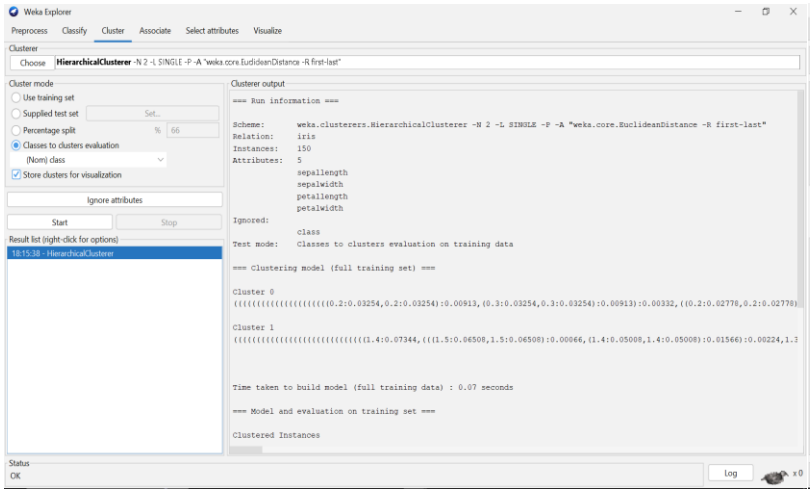
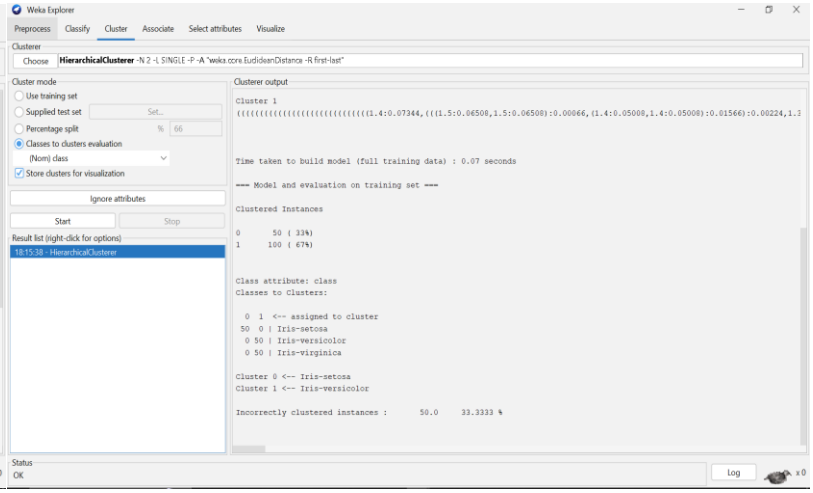
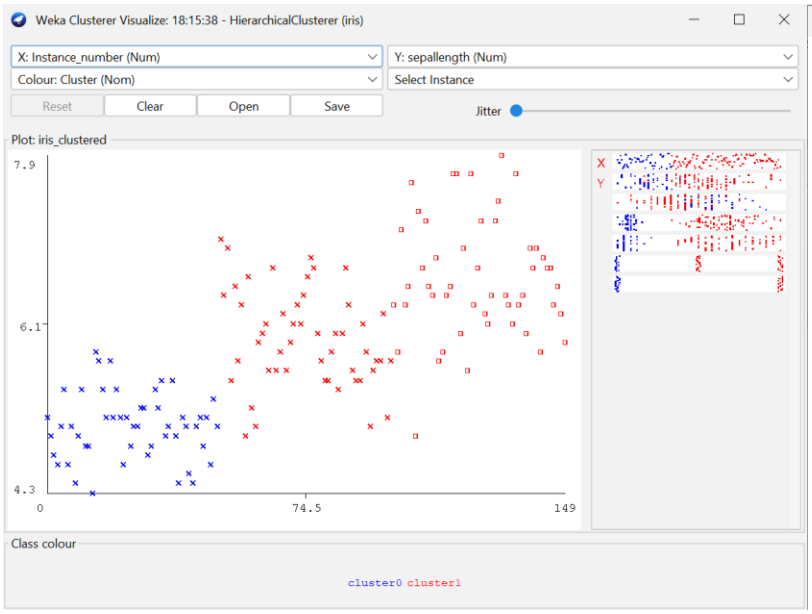
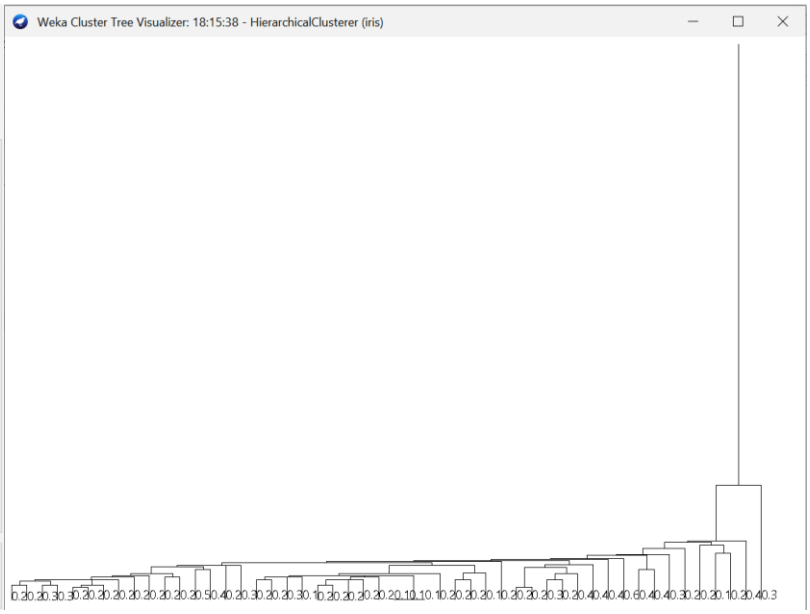

Weka Explorer
Preprocess
Classify
Cluster
Associate
Select attributes
Visualize
Clusterer
Choose
HierarchicalClusterer -N 2 -L SINGLE -P -A "weka.core.EuclideanDistance -R first-last"
Cluster mode
Use training set
Supplied test set
Set...
Percentage split
% 66
Classes to clusters evaluation
(Nom) class
Store clusters for visualization
Ignore attributes
Start
Stop
Result list (right-click for options)
18:15:38 - HierarchicalClusterer
Clusterer output
=== Run information ===
Scheme: weka.clusterers.HierarchicalClusterer -N 2 -L SINGLE -P -A "weka.core.EuclideanDistance -R first-last"
Relation: iris
Instances: 150
Attributes: 5
sepallength
sepalwidth
petallength
petalwidth
Ignored:
class
Test mode: Classes to clusters evaluation on training data
=== Clustering model (full training set) ===
Cluster 0
((((((((((((((((((((0.2:0.03254,0.2:0.03254):0.00913,(0.3:0.03254,0.3:0.03254):0.00913):0.00332,((0.2:0.02770,0.2:0.02770)
Cluster 1
(((((((((((((((((((((((((((((((((1.4:0.07344,(((1.5:0.06508,1.5:0.06508):0.00066,(1.4:0.05008,1.4:0.05008):0.01566):0.00224,1.3
Time taken to build model (full training data) : 0.07 seconds
=== Model and evaluation on training set ===
Clustered Instances
Status
OK
Log
x 0


Weka Explorer
Preprocess
Classify
Cluster
Associate
Select attributes
Visualize
Clusterer
Choose
HierarchicalClusterer -N 2 -L SINGLE -P -A "weka.core.EuclideanDistance -R first-last"
Cluster mode
Use training set
Supplied test set
Set...
Percentage split
% 66
Classes to clusters evaluation
(Nom) class
Store clusters for visualization
Ignore attributes
Start
Stop
Result list (right-click for options)
18:15:38 - HierarchicalClusterer
Clusterer output
Cluster 1
(((((((((((((((((((((((((((((((((1.4:0.07344,(((1.5:0.06508,1.5:0.06508):0.00066,(1.4:0.05008,1.4:0.05008):0.01566):0.00224,1.3
Time taken to build model (full training data) : 0.07 seconds
=== Model and evaluation on training set ===
Clustered Instances
0 50 (33%)
1 100 (67%)
Class attribute: class
Classes to Clusters:
0 1 <-- assigned to cluster
50 0 | Iris-setosa
0 50 | Iris-versicolor
0 50 | Iris-virginica
Cluster 0 <-- Iris-setosa
Cluster 1 <-- Iris-versicolor
Incorrectly clustered instances : 50.0 33.3333 %
Status
OK
Log
x 0


Weka Clusterer Visualize: 18:15:38 - HierarchicalClusterer (iris)
X: Instance_number (Num)
Y: sepallength (Num)
Colour: Cluster (Nom)
Select Instance
Reset
Clear
Open
Save
Jitter
Plot: iris_clustered
7.9
6.1
4.3
0
74.5
149
X
Y
Class colour
cluster0 cluster1


Weka Cluster Tree Visualizer: 18:15:38 - HierarchicalClusterer (iris)