

Weka Explorer

Preprocess **Cluster** Associate Select attributes Visualize

Clusterer: Choose **Cobweb -A 1.0 -C 0.0028209479177387815 -S 42**

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):
11:36:30 - Cobweb
11:37:25 - Cobweb
11:39:03 - Cobweb

Clusterer output:

```
=== Run information ===  
Scheme: weka.clusterers.Cobweb -A 1.0 -C 0.0028209479177387815 -S 42  
Relation: iris  
Instances: 150  
Attributes: 5  
  sepalwidth  
  sepalwidth  
  petalwidth  
  petalwidth  
  class  
Test mode: evaluate on training data  
  
=== Clustering model (full training set) ===  
Number of merges: 2  
Number of splits: 2  
Number of clusters: 4  
  
node 0 [150]  
  | leaf 1 [50]  
  | node 0 [150]  
    | leaf 2 [50]  
    | node 0 [150]  
      | leaf 3 [50]  
  
Time taken to build model (full training data) : 0 seconds  
  
=== Model and evaluation on training set ===  
  
Clustered Instances  
1    50 ( 33%)  
2    50 ( 33%)  
3    50 ( 33%)
```

Status: OK

Weka Cluster Tree Visualizer: 11:39:03 - Cobweb (iris)

Tree View

```
graph TD; node0["node 0 (150)"] --- leaf1["leaf 1 (50)"]; node0 --- leaf2["leaf 2 (50)"]; node0 --- leaf3["leaf 3 (50)"]
```

32°C Mostly cloudy

ENG IN 11:39 20-09-2022