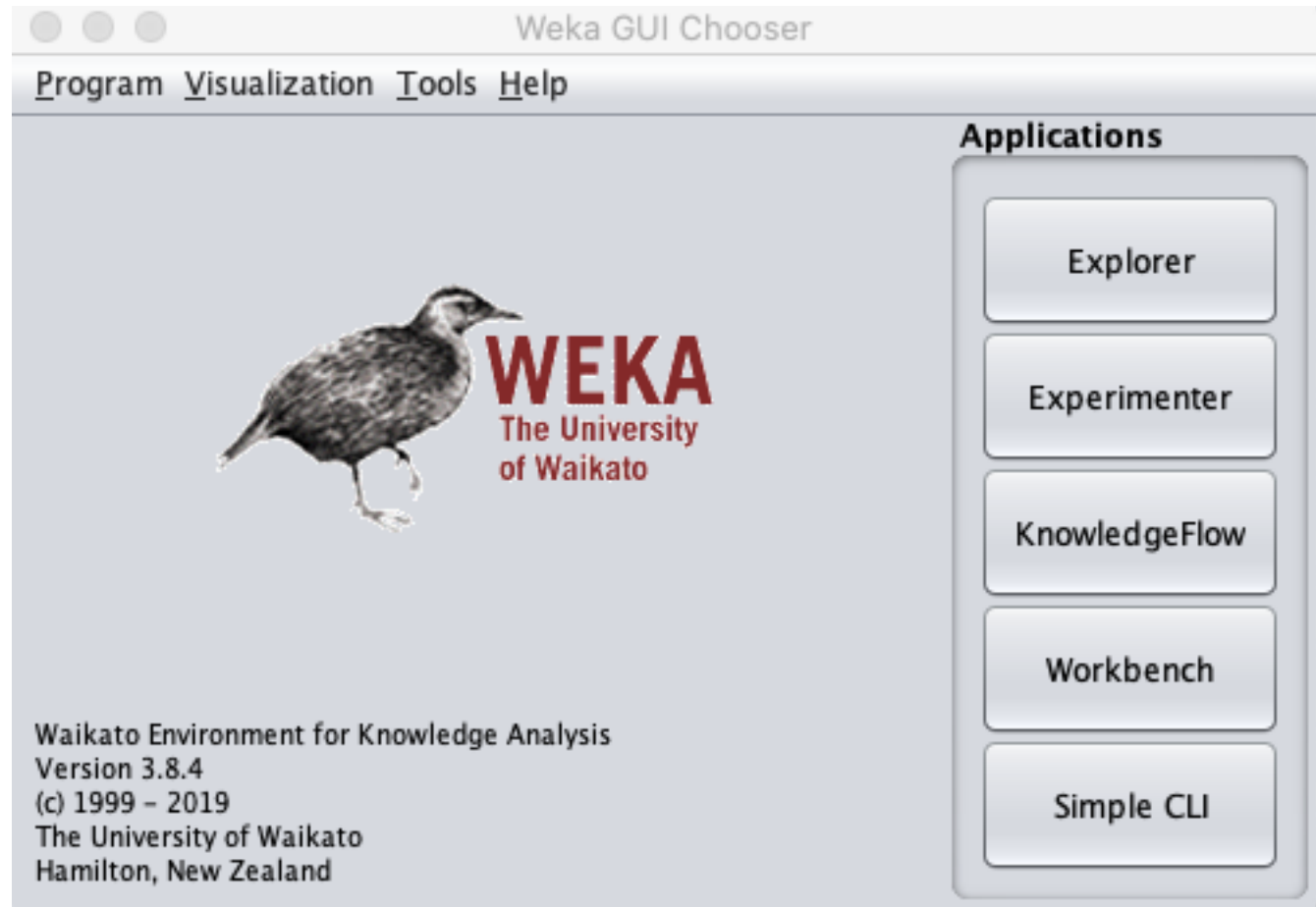


Weka Example



Filter

Choose Apply Stop

Current relation

Relation: weather.symbolic Attributes: 5
Instances: 14 Sum of weights: 14

Attributes

All None Invert Pattern

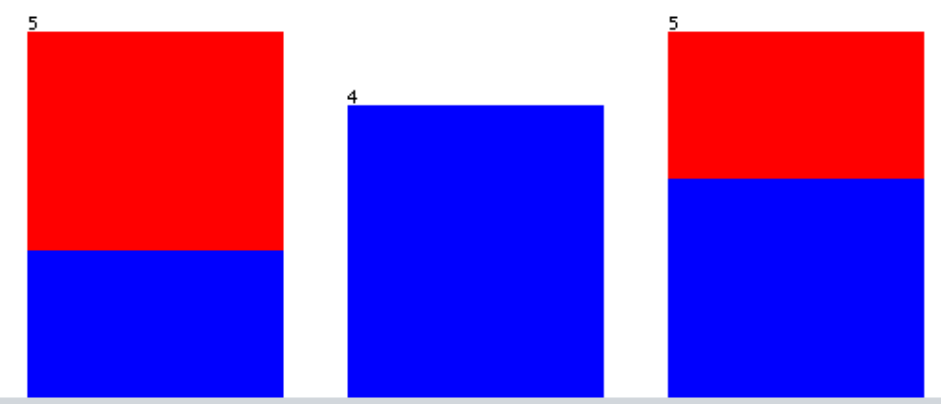
| No. | | Name |
|-----|-------------------------------------|-------------|
| 1 | <input checked="" type="checkbox"/> | outlook |
| 2 | <input type="checkbox"/> | temperature |
| 3 | <input type="checkbox"/> | humidity |
| 4 | <input type="checkbox"/> | windy |
| 5 | <input type="checkbox"/> | play |

Remove

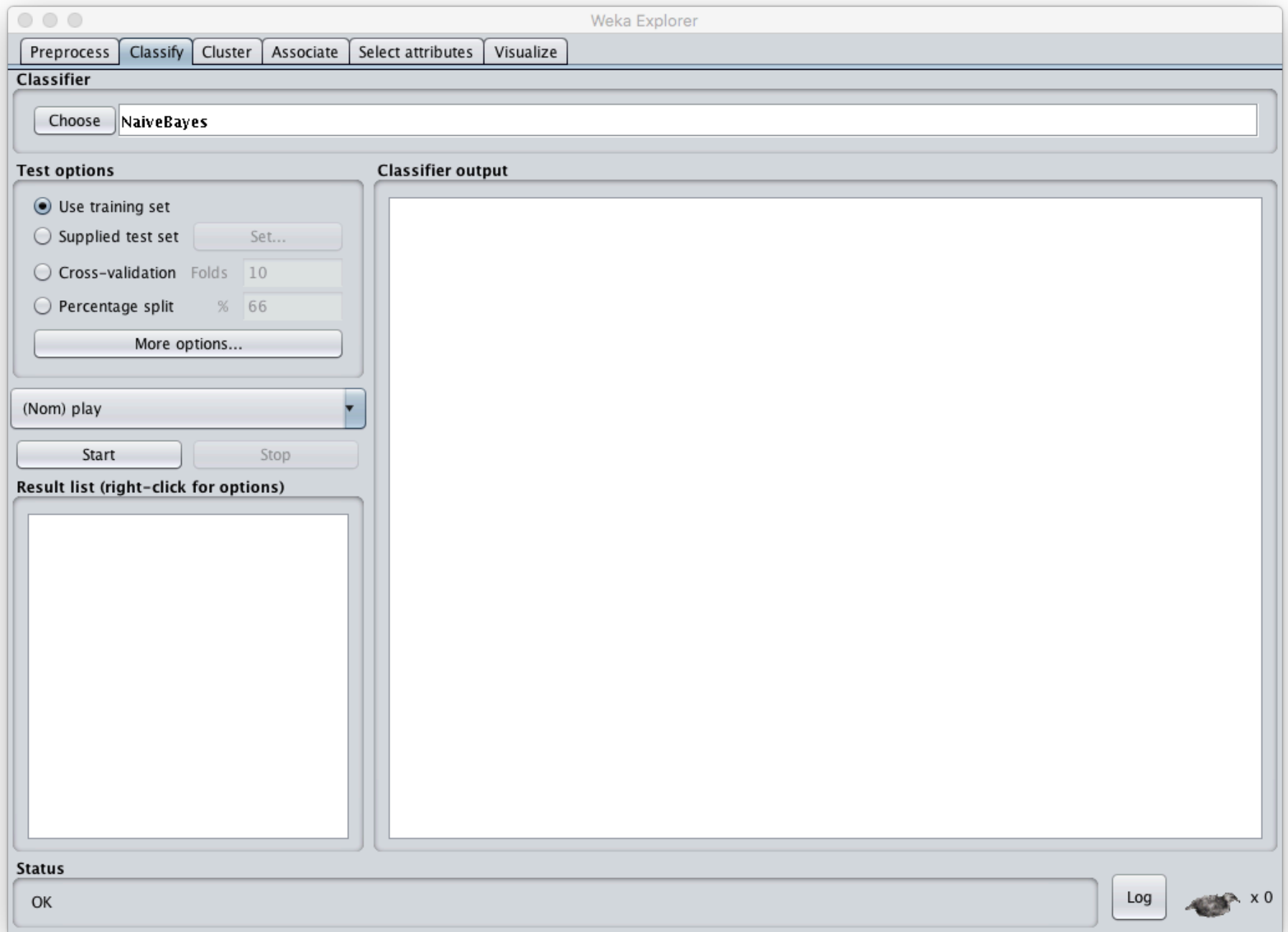
Selected attribute

| Name: outlook | | Type: Nominal | |
|-----------------|----------|----------------|--------|
| Missing: 0 (0%) | | Unique: 0 (0%) | |
| | | Distinct: 3 | |
| No. | Label | Count | Weight |
| 1 | sunny | 5 | 5.0 |
| 2 | overcast | 4 | 4.0 |
| 3 | rainy | 5 | 5.0 |

Class: play (Nom) Visualize All



Status



Preprocess Classify Cluster Associate Select attributes Visualize

Classifier

Choose NaiveBayes

Test options

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

(Nom) play

Start

Stop

Result list (right-click for options)

09:07:12 - bayes.NaiveBayes

Classifier output

Time taken to build model: 0 seconds

=== Evaluation on training set ===

Time taken to test model on training data: 0 seconds

=== Summary ===

| | | |
|----------------------------------|-----------|-----------|
| Correctly Classified Instances | 13 | 92.8571 % |
| Incorrectly Classified Instances | 1 | 7.1429 % |
| Kappa statistic | 0.8372 | |
| Mean absolute error | 0.2917 | |
| Root mean squared error | 0.3392 | |
| Relative absolute error | 62.8233 % | |
| Root relative squared error | 70.7422 % | |
| Total Number of Instances | 14 | |

=== Detailed Accuracy By Class ===

| | TP Rate | FP Rate | Precision | Recall | F-Measure | MCC | ROC Area | PRC Area | Class |
|---------------|---------|---------|-----------|--------|-----------|-------|----------|----------|-------|
| | 1.000 | 0.200 | 0.900 | 1.000 | 0.947 | 0.849 | 0.922 | 0.947 | yes |
| | 0.800 | 0.000 | 1.000 | 0.800 | 0.889 | 0.849 | 0.911 | 0.911 | no |
| Weighted Avg. | 0.929 | 0.129 | 0.936 | 0.929 | 0.926 | 0.849 | 0.918 | 0.934 | |

=== Confusion Matrix ===

```
a b  <-- classified as
9 0 | a = yes
1 4 | b = no
```

Status

OK

Log

 x 0

