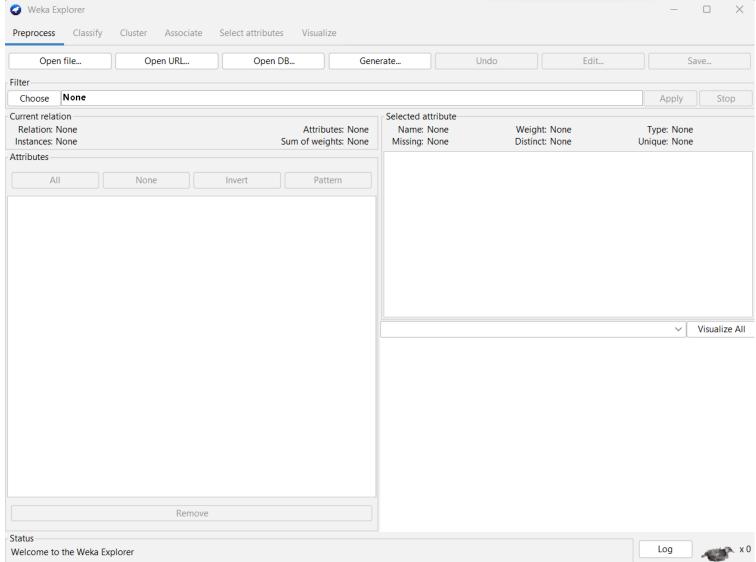
Regression using WEKA

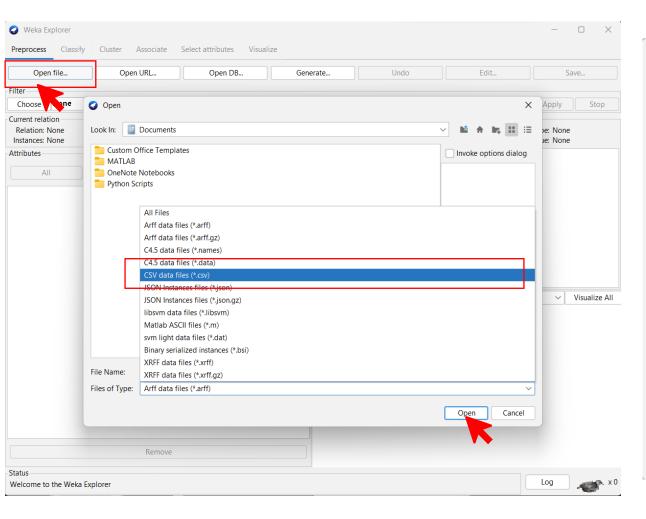
Age prediction using Linear Regression

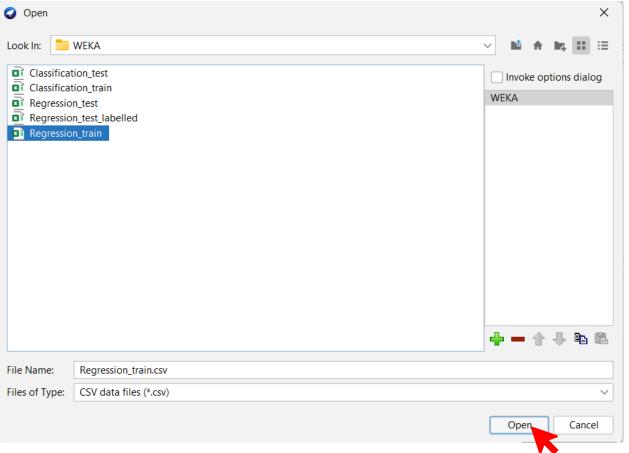


WEKA GUI

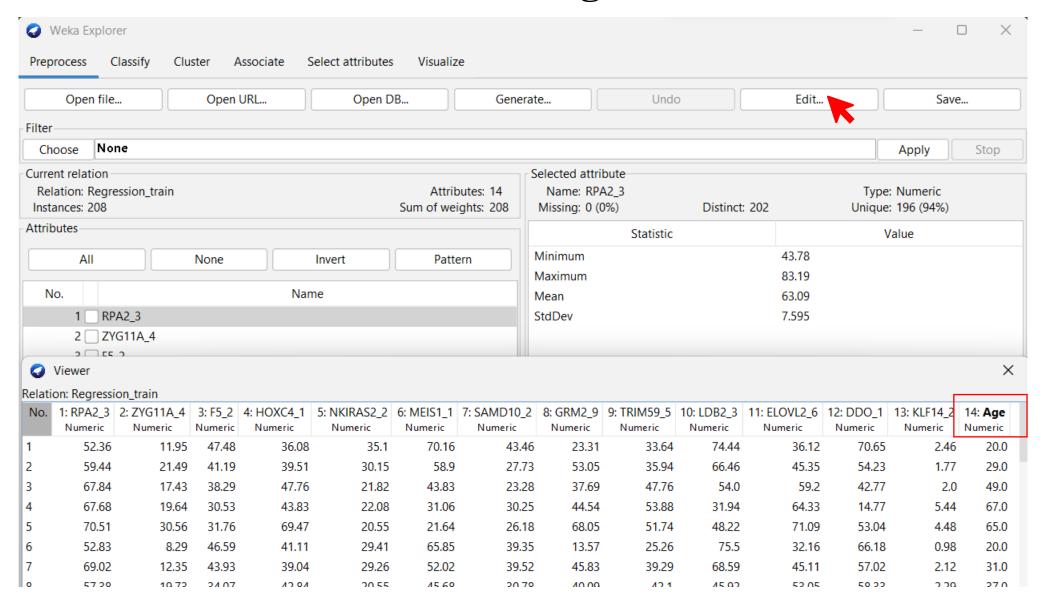


Loading Data

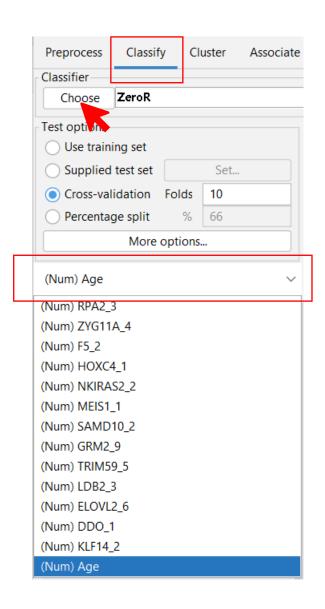


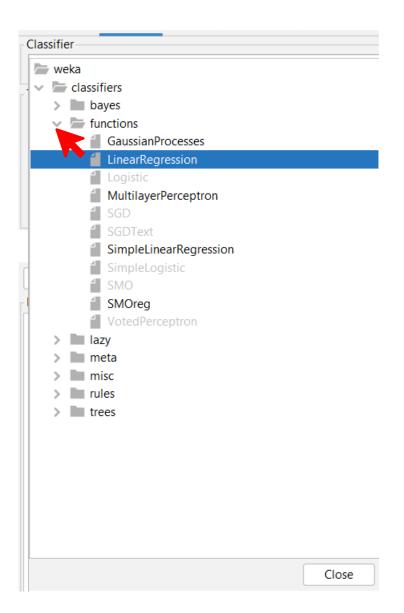


Dataset for Regression

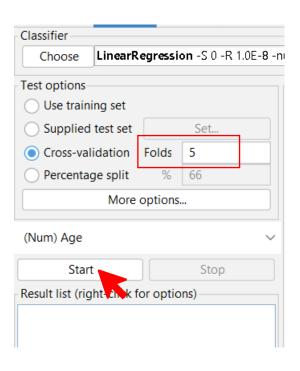


Choosing Algorithm





5-fold cross-validation



```
=== Cross-validation ===
=== Summary ===

Correlation coefficient 0.963

Mean absolute error 3.2693

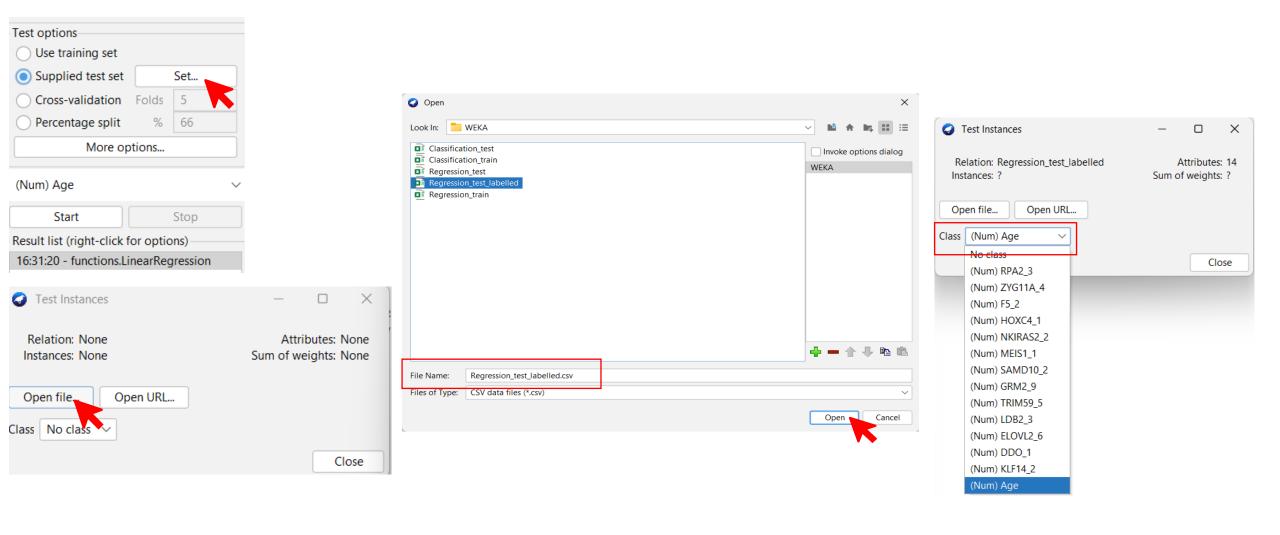
Root mean squared error 4.051

Relative absolute error 25.0606 %

Root relative squared error 26.9052 %

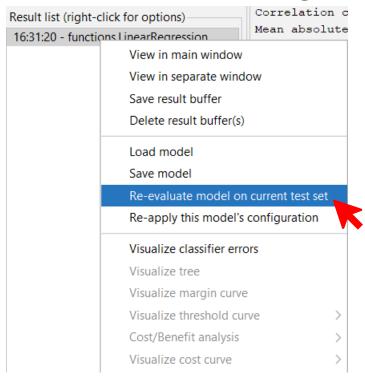
Total Number of Instances 208
```

Model testing



Test Performance

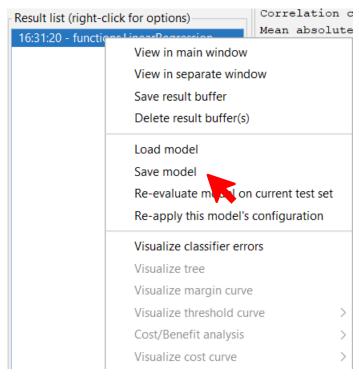
Right click on functions.LinearRegression

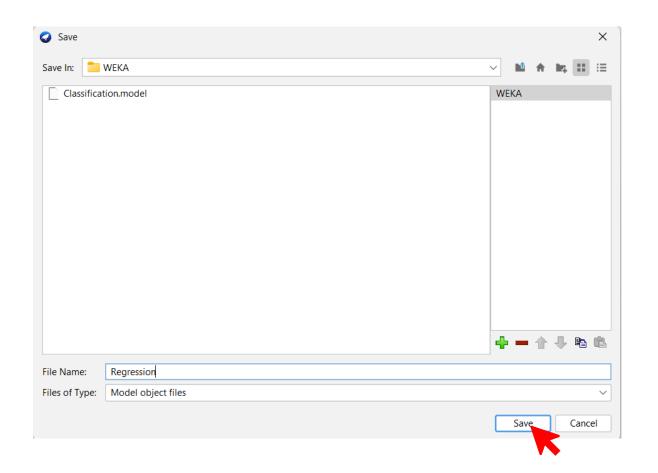


```
=== Re-evaluation on test set ===
User supplied test set
             Regression_test_labelled
Relation:
            unknown (yet). Reading incrementally
Instances:
Attributes: 14
=== Summary ===
Correlation coefficient
                                        0.9611
                                        3.2766
Mean absolute error
Root mean squared error
                                        4.1203
Total Number of Instances
                                      104
```

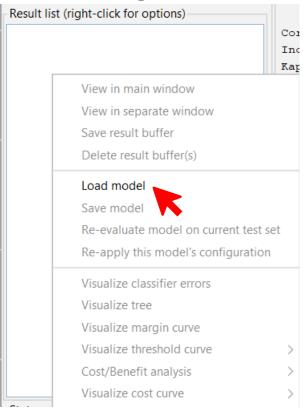
Saving Model

Right click on functions.LinearRegression

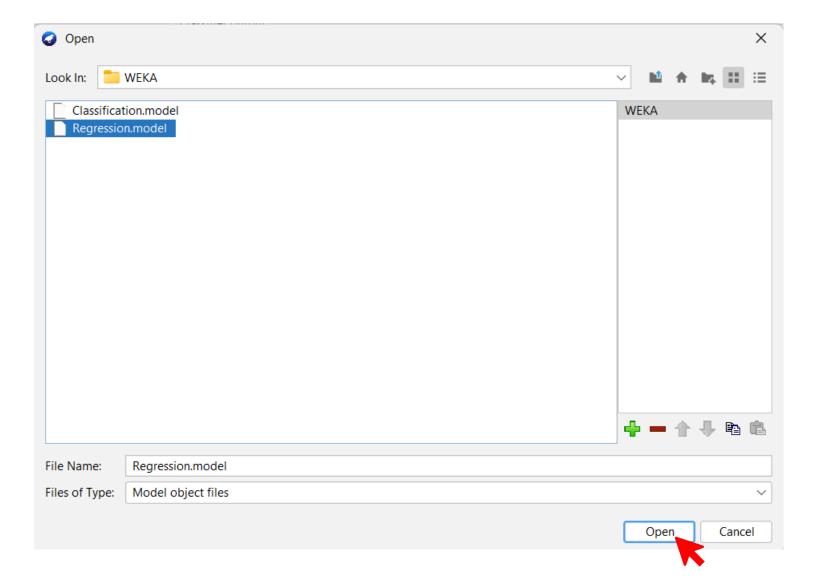




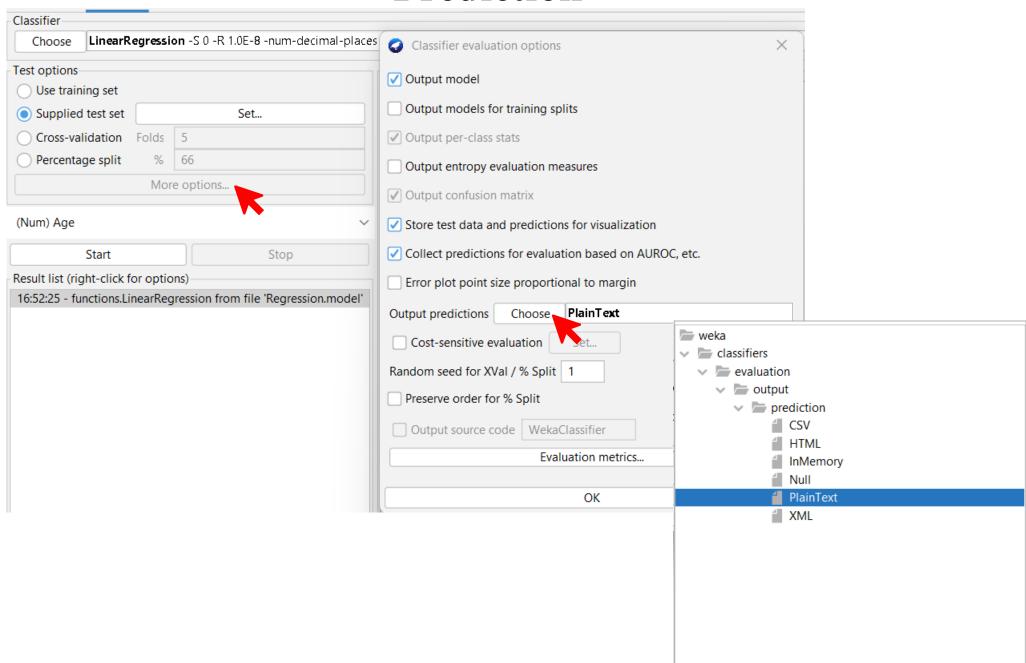
Right click



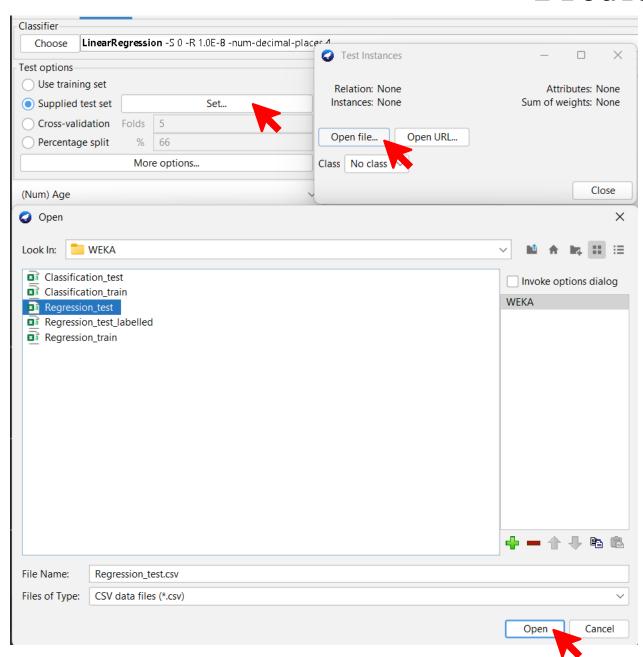
Loading Model

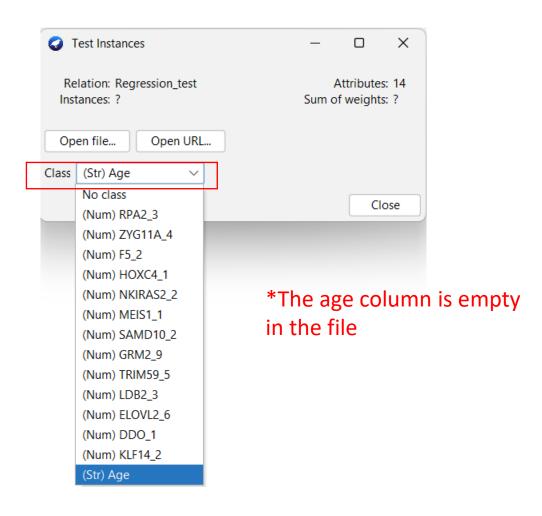


Prediction



Prediction





Prediction output

Right click on functions.LinearRegression

