

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Classifier

Choose **LinearRegression -S 0 -R 1.0E-8 -num-decimal-places 4**

Test options

Use training set
 Supplied test set Set...
 Cross-validation Folds 07
 Percentage split % 66
More options...

(Num) sellingPrice

Start Stop

Result list (right-click for options)

18:25:34 - functions.LinearRegression
18:25:42 - functions.LinearRegression

Classifier output

```
Attributes: 6
houseSize
lotSize
bedrooms
granite
bathroom
sellingPrice
Test mode: 7-fold cross-validation

--- Classifier model (full training set) ---

Linear Regression Model

sellingPrice =
-26.6682 * houseSize +
7.0551 * lotSize +
43166.0767 * bedrooms +
42292.0901 * bathroom +
-21661.1208

Time taken to build model: 0 seconds

--- Cross-validation ---
--- Summary ---

Correlation coefficient -1
Mean absolute error 36009.5238
Root mean squared error 50822.8732
Relative absolute error 100 %
Root relative squared error 100 %
Total Number of Instances 7
```