

# **ADAMS**

**A**dvanced **D**ata mining **A**nd **M**achine learning **S**ystem

Module: adams-ml

## **ML**

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December 20, 2017

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*Te Whare Wānanga o Waikato*



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# Chapter 1

## Flow

The following control actors are available:

- *RemoveOutliers* – allows the user to interactively remove outliers.

The following transformers are available:

- *ClassSelector* – sets the column(s) in the data to act as class attribute.
- *ConfusionMatrix* – generates a confusion matrix in spreadsheet format from a spreadsheet containing actual and predicted labels.
- *PredictionEccentricity* – computes the *eccentricity* of the predictions generated by a regressor<sup>1</sup>.

The following sinks are available:

- *ActualVsPredicted* – plots columns from spreadsheets vs each other.

The following spreadsheet readers are available:

- *SimpleArffSpreadSheetReader* – basic reader for ARFF files.

The following spreadsheet writers are available:

- *SimpleArffSpreadSheetWriter* – basic writer for ARFF files.

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<sup>1</sup>[https://en.wikipedia.org/wiki/Eccentricity\\_\(mathematics\)](https://en.wikipedia.org/wiki/Eccentricity_(mathematics))



# Bibliography

- [1] *ADAMS* – Advanced Data mining and Machine learning System  
<https://adams.cms.waikato.ac.nz/>