ADAMS

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

Module: adams-random

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Chapter 1

Introduction

The *random* module provides extended support for random number generators and other randomization related actors.

Chapter 2

Flow

The following actors are available:

- *ArrayFolds* – generates subsets using a similar folds approach as cross-validation. Can output actual fold or inverse or both per fold number.
- *ArraySubSample* – generates a subsample from the array. Can output actual sample or inverse or both.

The following random number generators are available:

- *Beta*
- *Cauchy*
- *ChiSquare*
- *Exponential*
- *ISAACRandom*
- *JMathArrayInt* – uses JMathArray's randInt.
- *LogNormal*
- *MersenneTwister*
- *Normal*
- *Triangular*
- *Uniform*
- *Weibull*
- *Well1024a*
- *Well19937a*
- *Well19937c*
- *Well44497a*
- *Well44497b*
- *Well512a*

Bibliography

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