

Models Available in train By Tag

The following is a basic list of model types or relevant characteristics. There entire in these lists are arguable. For example: random forests theoretically use feature selection but effectively may not, support vector machines use L2 regularization etc.

- [Bagging Models](#)
- [Bayesian Model](#)
- [Boosting Models](#)
- [Cost Sensitive Learning Models](#)
- [Discriminant Analysis Models](#)
- [Ensemble Model](#)
- [Feature Extraction Models](#)
- [Feature Selection Wrapper Models](#)
- [Gaussian Process Models](#)
- [Generalized Additive Model](#)
- [Generalized Linear Model](#)
- [Implicit Feature Selection Models](#)
- [Kernel Method](#)
- [L1 Regularization Models](#)
- [L2 Regularization Models](#)
- [Linear Classifier Models](#)
- [Linear Regression Models](#)
- [Logic Regression Models](#)
- [Logistic Regression Models](#)
- [Mixture Model](#)
- [Model Tree](#)
- [Multivariate Adaptive Regression Splines Models](#)
- [Neural Network Models](#)
- [Oblique Tree Models](#)
- [Partial Least Squares Models](#)
- [Polynomial Model](#)
- [Prototype Models](#)
- [Quantile Regression Models](#)
- [Radial Basis Function Models](#)
- [Random Forest Models](#)
- [Regularization Models](#)
- [Relevance Vector Machines](#)
- [Ridge Regression Models](#)
- [Robust Methods](#)
- [Robust Model](#)
- [ROC Curves Models](#)
- [Rule-Based Model](#)
- [Self-Organising Maps](#)
- [String Kernel Models](#)
- [Support Vector Machines](#)
- [Text Mining Models](#)
- [Tree-Based Model](#)

• General Topics

- [Front Page](#)
- [Visualizations](#)
- [Pre-Processing](#)
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- [Data Splitting](#)
- [Variable Importance](#)
- [Parallel Processing](#)

Model Training and Tuning

- [Basic Syntax](#)
- [Sortable Model List](#)
- [Models By Tag](#)
- [Models By Similarity](#)
- [Using Custom Models](#)

- [Sampling for Class Imbalances](#)
- [Adaptive Resampling](#)

Feature Selection

- [Overview](#)
- [RFE](#)
- [Filters](#)
- [GA](#)
- [SA](#)

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