

Local Repository/ensemble/processes/adaboost* - RapidMiner Studio Free 7.6.001 @ Melanies-MacBook-Pro.local

Views: Design Results

Need help?

Repository

+ Add Data

- Local Repository (melanietosik)
 - data (melanietosik)
 - ensemble (melanietosik)
 - data (melanietosik)
 - matrix_labels (melanietosik - v1, 12/1)
 - matrix_test_labels (melanietosik - v1, 12/1)
 - processes (melanietosik)
 - adaboost (melanietosik - v1, 12/1)
 - HEP (melanietosik)
 - processes (melanietosik)
 - Cloud Repository (disconnected)

Operators

Search for Operators

- Data Access (47)
- Blending (77)
- Cleansing (26)
- Modeling (129)
 - Predictive (61)
 - Lazy (2)
 - Default Model
 - k-NN
 - Bayesian (2)
 - Trees (9)

[Get more operators from the Marketplace](#)

Process

Process

100%

inp

Retrieve matrix_lab... out

AdaBoost tra mod exa

Apply Model mod unl lab mod

Retrieve matrix_test... out

Performance lab per exa

res res res res

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Parameters

Process

logverbosity init

logfile

resultfile

random seed 2001

send mail never

encoding SYSTEM

[Hide advanced parameters](#)

[Change compatibility \(7.6.001\)](#)

Help

K-NN

RapidMiner Studio Core

Tags: Supervised, Classification, Model, Nearest, Neighbors, Neighbours, Knn, Instance-based, Instancebased, Similarity, Similarities, Euclidean, Distances, Lazy

Synopsis

This operator generates a k-Nearest Neighbor model from the input

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Get more operators from the Marketplace

Process

Process > AdaBoost >

100%

tra

k-NN

tra

mod

exa

mod

Parameters

AdaBoost

iterations 10

Help

AdaBoost

RapidMiner Studio Core

Tags: Boosting, Ensembles, Adaptive, Freund, Schapire

Synopsis

This operator is an implementation of the AdaBoost algorithm and it can be used with all learners available in RapidMiner. AdaBoost is a meta-algorithm which can be used in conjunction with many other

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Result History

PerformanceVector (Performance)

ExampleSet (//Local Repository/ensemble/data/matrix_test_labels)

AdaBoost (AdaBoost)

ExampleSet (//Local Repository/ensemble/data/matrix_labels)

ExampleSet (Apply Model)

Views: DesignResults

Need help?

Data

Statistics

Charts

Advanced Charts

Annotations

ExampleSet (122 examples, 1 special attribute, 2437 regular attributes)

Filter (122 / 122 examples): all

Row No.	att2438	att1	att2	att3	att4	att5	att6	att7	att8
1	airline_safety	0	0	0	0	0	0	0	0
2	airline_safety	0	0	0	0	0	0	0	0
3	airline_safety	0	0	0	0	0	0	0	0
4	airline_safety	0	0	0	0	0	0	0	0
5	airline_safety	0	0	0	0	0	0	0	0
6	airline_safety	0	0	0	0	0	0	0	0
7	airline_safety	0	0	0	0	0	0	0	0
8	airline_safety	0	0	0	0	0	0	0	0
9	amphertamine	0	0	0	0	0	0	0	0
10	amphertamine	0	0	0	0	0	0	0	0
11	amphertamine	0	0	0	0	0	0	0	0
12	amphertamine	0	0	0	0	0	0	0	0
13	amphertamine	0	0	0	0	0	0	0	0
14	amphertamine	0	0	0	0	0	0	0	0
15	amphertamine	0	0	0	0	0	0	0	0
16	amphertamine	0	0	0	0	0	0	0	0
17	china_spy_p...	0	0	0	0	0	0	0	0
18	china_spy_p...	0	0	0	0	0	0	0	0

Repository

Add Data

Samples

DB

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//Local Repository/ensemble/processes/adaboost - RapidMiner Studio Free 7.6.001 @ Melanie's-MacBook-Pro.local

Views: Design Results

PerformanceVector (Performance)

AdaBoost (AdaBoost)

ExampleSet (/ /Local Repository/ensemble/data/matrix_labels)

ExampleSet (Apply Model)

Result History

ExampleSet (/ /Local Repository/ensemble/data/matrix_test_labels)

ExampleSet (20 examples, 1 special attribute, 2437 regular attributes) Filter (20 / 20 examples): all

Row No.	att2438	att1	att2	att3	att4	att5	att6	att7	att8
1	irma_harvey	0	0	0	0	0	0	0	0
2	irma_harvey	0	0	0	0	0	0	0	0
3	irma_harvey	0	0	0	0	0	0	0	0
4	irma_harvey	0	0	0	0	0	0	0	0
5	irma_harvey	0	0	0.066	0	0	0	0	0
6	irma_harvey	0	0	0	0	0	0	0	0
7	irma_harvey	0	0	0	0	0	0	0	0
8	irma_harvey	0	0	0	0	0	0	0	0
9	irma_harvey	0	0	0	0	0	0	0	0
10	irma_harvey	0	0	0	0	0	0	0	0
11	predictive_a...	0	0	0	0	0	0	0	0
12	predictive_a...	0	0	0	0	0	0	0	0
13	predictive_a...	0	0	0	0	0	0	0	0
14	predictive_a...	0	0	0	0	0	0	0	0
15	predictive_a...	0	0	0	0	0	0	0	0
16	predictive_a...	0	0	0	0	0	0	0	0
17	predictive_a...	0	0	0	0	0	0	0	0
18	predictive_a...	0	0	0	0	0	0	0	0

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PerformanceVector (Performance)

ExampleSet (//Local Repository/ensemble/data/matrix_test_labels)

ExampleSet (Apply Model)

ExampleSet (//Local Repository/ensemble/data/matrix_test_labels)

ExampleSet (Apply Model)

ExampleSet (20 examples, 17 special attributes, 2437 regular attributes)

Filter (20 / 20 examples): all

Row No.	att2438	prediction(...)	confidence(...)	confidence(...)	confidence(...)	confidence(...)	confidence(...)	confidence(...)	confidence(...)
1	irma_harvey	irma_harvey	0	0	0	0	0	0	0
2	irma_harvey	irma_harvey	0	0	0	0	0	0	0
3	irma_harvey	irma_harvey	0	0	0	0	0	0	0
4	irma_harvey	irma_harvey	0	0	0	0	0	0	0
5	irma_harvey	irma_harvey	0	0	0	0	0	0	0
6	irma_harvey	irma_harvey	0	0	0	0	0	0	0
7	irma_harvey	irma_harvey	0	0	0	0	0	0	0
8	irma_harvey	irma_harvey	0	0	0	0	0	0	0
9	irma_harvey	irma_harvey	0	0	0	0	0	0	0
10	irma_harvey	irma_harvey	0	0	0	0	0	0	0
11	predictive_a...	predictive_a...	0	0	0	0	0	0	0
12	predictive_a...	predictive_a...	0	0	0	0	0	0	0
13	predictive_a...	predictive_a...	0	0	0	0	0	0	0
14	predictive_a...	predictive_a...	0	0	0	0	0	0	0
15	predictive_a...	predictive_a...	0	0	0	0	0	0	0
16	predictive_a...	predictive_a...	0	0	0	0	0	0	0
17	predictive_a...	predictive_a...	0	0	0	0	0	0	0
18	predictive_a...	predictive_a...	0	0	0	0	0	0	0

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ExampleSet (Apply Model)

Result History

ExampleSet (/Local Repository/ensemble/data/matrix_test_labels)

PerformanceVector (Performance)

AdaBoost (AdaBoost)

Performance

Description

Annotations

Criterion

accuracy

Table View

Plot View

accuracy: 100.00%

	true irm...	true pre...	true airl...	true am...	true chi...	true ho...	true ira...	true kor...	true mo...	true oce...
pred. ir...	10	0	0	0	0	0	0	0	0	0
pred. p...	0	10	0	0	0	0	0	0	0	0
pred. ai...	0	0	0	0	0	0	0	0	0	0
pred. a...	0	0	0	0	0	0	0	0	0	0
pred. c...	0	0	0	0	0	0	0	0	0	0
pred. h...	0	0	0	0	0	0	0	0	0	0
pred. ir...	0	0	0	0	0	0	0	0	0	0
pred. k...	0	0	0	0	0	0	0	0	0	0
pred. m...	0	0	0	0	0	0	0	0	0	0
pred. o...	0	0	0	0	0	0	0	0	0	0
pred. s...	0	0	0	0	0	0	0	0	0	0
pred. st...	0	0	0	0	0	0	0	0	0	0
pred. V...	0	0	0	0	0	0	0	0	0	0
pred. S...	0	0	0	0	0	0	0	0	0	0
pred. kl...	0	0	0	0	0	0	0	0	0	0
class re...	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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Model 1 [w = ∞] (k-NN)

Model 2 [w = ∞] (k-NN)

Model 3 [w = ∞] (k-NN)

Model 4 [w = ∞] (k-NN)

Model 5 [w = ∞] (k-NN)

Model 6 [w = ∞] (k-NN)

Model 7 [w = ∞] (k-NN)

Model 8 [w = ∞] (k-NN)

Model 9 [w = ∞] (k-NN)

Model 10 [w = ∞] (k-NN)

Description

Annotations

KNNClassification

1-Nearest Neighbour model for classification.
The model contains 122 examples with 2437 dimensions of the following classes:

- airline_safety
- amphertamine
- china_spy_plan_captives
- hoof_mouth_disease
- iran_nuclear
- korea_nuclear
- mortgage_rates
- ocean_pollution
- satanic_cult
- storm_irene
- volcano
- saddam_hussein
- kim_jong_un
- predictive_analytics
- irma_harvey

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Need help?

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