

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Classifier

Choose SMO -C 1.0 -L 0.001 -P 1.0E-12 -N 0 -V -1 -W 1 -K "weka.classifiers.functions.supportVector.PolyKernel -E 1.0 -C 250007" -calibrator "weka.classifiers.functions.Logistic -R 1.0E-8 -M -1 -num-decimal-places 4"

Test options

☒ Use training set

☐ Supplied test set Set...

☐ Cross-validation Folds 10

☐ Percentage split % 66

More options...

(Nom) class

Start Stop

Result list (right-click for options)

13:21:05 - rules.DecisionTable

13:21:45 - functions.SMO

Classifier output

Machine linear: showing attribute weights, not support vectors.

```
0.6805 * (normalized) checking_status=<0
+
0.3347 * (normalized) checking_status=0<=X<200
+
-0.4616 * (normalized) checking_status=>=200
+
-0.5537 * (normalized) checking_status=no checking
+
1.6987 * (normalized) duration
+
0.5398 * (normalized) credit_history=no credits/all paid
+
0.6015 * (normalized) credit_history=all paid
+
-0.109 * (normalized) credit_history=existing paid
+
-0.3182 * (normalized) credit_history=delayed previously
+
-0.7141 * (normalized) credit_history=critical/other existing credit
+
0.5673 * (normalized) purpose=new car
+
-0.5615 * (normalized) purpose=used car
+
-0.1464 * (normalized) purpose=furniture/equipment
+
-0.0798 * (normalized) purpose=radio/tv
+
0.5456 * (normalized) purpose=domestic appliance
+
-0 * (normalized) purpose=repairs
+
0.4441 * (normalized) purpose=education
+
-0.3951 * (normalized) purpose=retraining
+
-0.0823 * (normalized) purpose=business
+
-0.2919 * (normalized) purpose=other
+
1.1473 * (normalized) credit_amount
+
0.4056 * (normalized) savings_status=<100
+
0.115 * (normalized) savings_status=100<=X<500
+
0.1378 * (normalized) savings_status=500<=X<1000
+
-0.3775 * (normalized) savings_status=>=1000
+
-0.2809 * (normalized) savings_status=no known savings
+
0.2887 * (normalized) employment=unemployed
+
0.1663 * (normalized) employment=<1
+
0.0021 * (normalized) employment=1<=X<4
+
-0.3348 * (normalized) employment=4<=X<7
+
-0.1222 * (normalized) employment=>=7
+
0.6503 * (normalized) installment_commitment
+
0.3335 * (normalized) personal_status=male div/sep
+
0.1177 * (normalized) personal_status=female div/dep/mar
+
-0.3697 * (normalized) personal_status=male single
```

Status OK

Log

ENG IN 01:22 PM 13-09-2022

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Test options

☒ Use training set ☐ Supplied test set ☐ Cross-validation ☐ Percentage split

Folds 10 % 66

More options...

(Nom) class

Start Stop

Result list (right-click for options)

13:21:05 - rules.DecisionTable

13:21:45 - functions.SMO

Classifier output

=== Run information ===

Scheme: weka.classifiers.functions.SMO -C 1.0 -L 0.001 -P 1.0E-12 -N 0 -V -1 -W 1 -K "weka.classifiers.functions.supportVector.PolyKernel -E 1.0 -C 250007" -calibrator "weka.classifiers.functions.Logistic -R 1.0E-8 -M -1 -num-decimal-places 4"

Relation: german_credit

Instances: 1000

Attributes: 21

checking_status

duration

credit_history

purpose

credit_amount

savings_status

employment

installment_commitment

personal_status

other_parties

residence_since

property_magnitude

age

other_payment_plans

housing

existing_credits

job

num_dependents

own_telephone

foreign_worker

class

Test mode: evaluate on training data

=== Classifier model (full training set) ===

SMO

Kernel used:

Linear Kernel: $K(x,y) = \langle x,y \rangle$

Classifier for classes: good, bad

Status OK

Microsoft Edge

Log

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