Please see the read mark if something different with yours.Maybe I miss sth.

abalone:

=== Run information ===

Scheme: weka.classifiers.rules.JRip -F 3 -N 2.0 -O 2 -S 1

Relation: abalone-weka.filters.supervised.instance.StratifiedRemoveFolds-S0-N2-F1

Instances: 2089

Attributes: 9

Sex

Length

Diameter

Height

Whole weight

Shucked weight

Viscera weight

Shell weight

Class\_Rings

Test mode: 2089-fold cross-validation

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

JRIP rules:

===========

(Shucked weight <= 0.015) and (Whole weight <= 0.0215) => Class\_Rings=3 (7.0/3.0)

(Viscera weight >= 0.435) and (Whole weight <= 1.885) and (Shell weight >= 0.5) => Class\_Rings=19 (4.0/0.0)

(Length <= 0.25) and (Height >= 0.06) and (Whole weight <= 0.0635) => Class\_Rings=4 (8.0/1.0)

(Length <= 0.245) and (Diameter >= 0.18) => Class\_Rings=4 (5.0/0.0)

(Shell weight <= 0.058) and (Viscera weight <= 0.026) and (Diameter >= 0.205) => Class\_Rings=5 (25.0/10.0)

(Shell weight <= 0.0655) and (Viscera weight >= 0.014) and (Length <= 0.25) => Class\_Rings=5 (11.0/2.0)

(Shell weight <= 0.06) and (Diameter <= 0.22) and (Viscera weight >= 0.0225) and (Whole weight <= 0.109) => Class\_Rings=5 (6.0/0.0)

(Shell weight <= 0.082) and (Viscera weight <= 0.0105) and (Shucked weight <= 0.011) => Class\_Rings=5 (11.0/5.0)

(Shell weight <= 0.119) and (Viscera weight <= 0.03) and (Viscera weight >= 0.0195) => Class\_Rings=6 (30.0/12.0)

(Shell weight <= 0.1675) and (Shucked weight >= 0.2655) and (Diameter <= 0.37) => Class\_Rings=7 (24.0/11.0)

(Shell weight <= 0.248) and (Shucked weight >= 0.234) and (Length <= 0.485) => Class\_Rings=8 (52.0/25.0)

(Shell weight <= 0.253) and (Shucked weight >= 0.298) and (Whole weight <= 0.7035) => Class\_Rings=8 (42.0/20.0)

=> Class\_Rings=9 (1864.0/1534.0)

Number of Rules : 13

Time taken to build model: 0.98 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 397 19.0043 %

Incorrectly Classified Instances 1692 80.9957 %

Kappa statistic 0.0423

Mean absolute error 0.0622

Root mean squared error 0.1788

Relative absolute error 97.0658 %

Root relative squared error 99.9131 %

Total Number of Instances 2089

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 0.000 0.000 0.000 0.000 0.344 0.000 1

0.000 0.000 0.000 0.000 0.000 0.000 ? ? 2

0.000 0.003 0.000 0.000 0.000 -0.003 0.742 0.008 3

0.310 0.005 0.450 0.310 0.367 0.366 0.824 0.347 4

0.259 0.018 0.288 0.259 0.273 0.254 0.774 0.210 5

0.109 0.018 0.280 0.109 0.156 0.142 0.666 0.162 6

0.046 0.011 0.300 0.046 0.080 0.086 0.555 0.156 7

0.074 0.022 0.350 0.074 0.122 0.107 0.534 0.163 8

0.939 0.868 0.176 0.939 0.297 0.082 0.501 0.166 9

0.016 0.007 0.294 0.016 0.030 0.036 0.533 0.161 10

0.000 0.001 0.000 0.000 0.000 -0.011 0.571 0.137 11

0.000 0.000 0.000 0.000 0.000 0.000 0.484 0.068 12

0.000 0.000 0.000 0.000 0.000 0.000 0.442 0.041 13

0.000 0.000 0.000 0.000 0.000 -0.004 0.415 0.024 14

0.000 0.000 0.000 0.000 0.000 0.000 0.411 0.025 15

0.000 0.003 0.000 0.000 0.000 -0.007 0.498 0.015 16

0.000 0.001 0.000 0.000 0.000 -0.004 0.357 0.010 17

0.000 0.000 0.000 0.000 0.000 0.000 0.300 0.023 18

0.000 0.001 0.000 0.000 0.000 -0.003 0.521 0.008 19

0.000 0.000 0.000 0.000 0.000 -0.002 0.342 0.005 20

0.000 0.000 0.000 0.000 0.000 0.000 0.116 0.002 21

0.000 0.000 0.000 0.000 0.000 0.000 0.121 0.001 22

0.000 0.000 0.000 0.000 0.000 -0.001 0.410 0.002 23

0.000 0.000 0.000 0.000 0.000 0.000 0.063 0.000 24

0.000 0.000 0.000 0.000 0.000 0.000 ? ? 25

0.000 0.000 0.000 0.000 0.000 0.000 0.060 0.000 26

0.000 0.000 0.000 0.000 0.000 0.000 0.061 0.000 27

0.000 0.000 0.000 0.000 0.000 0.000 0.061 0.000 29

Weighted Avg. 0.190 0.150 0.181 0.190 0.100 0.061 0.530 0.134

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab <-- classified as

0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 1

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 2

0 0 0 0 1 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 3

0 0 3 9 11 3 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 4

0 0 2 9 15 10 0 0 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 5

0 0 1 2 16 14 10 4 81 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 | f = 6

0 0 0 0 6 14 9 17 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = 7

0 0 0 0 2 7 4 21 249 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 8

0 0 0 0 1 0 5 6 324 8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 9

0 0 0 0 0 1 1 9 299 5 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 | j = 10

0 0 0 0 0 1 1 1 239 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 11

0 0 0 0 0 0 0 1 128 1 0 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 | l = 12

0 0 0 0 0 0 0 0 100 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 13

0 0 0 0 0 0 0 0 63 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = 14

0 0 0 0 0 0 0 1 49 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 | o = 15

0 0 0 0 0 0 0 0 32 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 | p = 16

0 0 0 0 0 0 0 0 28 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 | q = 17

0 0 0 0 0 0 0 0 19 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 | r = 18

0 0 0 0 0 0 0 0 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | s = 19

0 0 0 0 0 0 0 0 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 20

0 0 0 0 0 0 0 0 5 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 | u = 21

0 0 0 0 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 22

0 0 0 0 0 0 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | w = 23

0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | x = 24

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | y = 25

0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | z = 26

0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aa = 27

0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ab = 29

Anneal:

=== Run information ===

Scheme: weka.classifiers.rules.JRip -F 3 -N 2.0 -O 2 -S 1

Relation: anneal-weka.filters.supervised.instance.StratifiedRemoveFolds-S0-N2-F1

Instances: 449

Attributes: 39

family

product-type

steel

carbon

hardness

temper\_rolling

condition

formability

strength

non-ageing

surface-finish

surface-quality

enamelability

bc

bf

bt

bw/me

bl

m

chrom

phos

cbond

marvi

exptl

ferro

corr

blue/bright/varn/clean

lustre

jurofm

s

p

shape

thick

width

len

oil

bore

packing

class

Test mode: 449-fold cross-validation

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

JRIP rules:

===========

(hardness >= 80) => class=U (20.0/1.0)

(family = TN) => class=5 (34.0/0.0)

(surface-quality = ?) and (carbon <= 0) and (shape = SHEET) and (thick >= 1.2) => class=2 (25.0/0.0)

(surface-quality = ?) and (condition = S) and (thick >= 0.8) => class=2 (22.0/1.0)

(strength >= 600) => class=2 (4.0/1.0)

=> class=3 (344.0/4.0)

Number of Rules : 6

Time taken to build model: 0.06 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 437 97.3274 %

Incorrectly Classified Instances 12 2.6726 %

Kappa statistic 0.9331

Mean absolute error 0.0132

Root mean squared error 0.0931

Relative absolute error 9.7596 %

Root relative squared error 35.9641 %

Total Number of Instances 449

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.250 0.000 1.000 0.250 0.400 0.498 0.779 0.752 1

0.939 0.015 0.885 0.939 0.911 0.900 0.980 0.862 2

0.985 0.047 0.985 0.985 0.985 0.939 0.963 0.978 3

0.000 0.000 0.000 0.000 0.000 0.000 ? ? 4

1.000 0.000 1.000 1.000 1.000 1.000 1.000 1.000 5

0.950 0.002 0.950 0.950 0.950 0.948 0.953 0.905 U

Weighted Avg. 0.973 0.037 0.974 0.973 0.972 0.936 0.965 0.962

=== Confusion Matrix ===

a b c d e f <-- classified as

1 2 1 0 0 0 | a = 1

0 46 3 0 0 0 | b = 2

0 4 337 0 0 1 | c = 3

0 0 0 0 0 0 | d = 4

0 0 0 0 34 0 | e = 5

0 0 1 0 0 19 | f = U

Annal-orgl:

=== Run information ===

Scheme: weka.classifiers.rules.JRip -F 3 -N 2.0 -O 2 -S 1

Relation: anneal.ORIG-weka.filters.supervised.instance.StratifiedRemoveFolds-S0-N2-F1

Instances: 449

Attributes: 39

family

product-type

steel

carbon

hardness

temper\_rolling

condition

formability

strength

non-ageing

surface-finish

surface-quality

enamelability

bc

bf

bt

bw/me

bl

m

chrom

phos

cbond

marvi

exptl

ferro

corr

blue/bright/varn/clean

lustre

jurofm

s

p

shape

thick

width

len

oil

bore

packing

class

Test mode: 449-fold cross-validation

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

JRIP rules:

===========

(steel = S) and (carbon <= 0) => class=1 (3.0/0.0)

(hardness >= 80) => class=U (20.0/1.0)

(family = TN) => class=5 (34.0/0.0)

(thick >= 0.8) and (steel = R) and (thick <= 0.8) => class=2 (18.0/2.0)

(thick >= 0.8) and (len >= 301) and (len <= 612) => class=2 (13.0/2.0)

(thick <= 1.599) and (thick >= 1.599) and (steel = R) => class=2 (12.0/2.0)

(strength >= 500) and (width <= 1090) => class=2 (8.0/2.0)

(enamelability = 2) => class=2 (3.0/0.0)

=> class=3 (338.0/5.0)

Number of Rules : 9

Time taken to build model: 0.06 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 423 94.2094 %

Incorrectly Classified Instances 26 5.7906 %

Kappa statistic 0.8537

Mean absolute error 0.0274

Root mean squared error 0.1314

Relative absolute error 20.1787 %

Root relative squared error 50.7646 %

Total Number of Instances 449

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.500 0.004 0.500 0.500 0.500 0.496 0.556 0.504 1

0.755 0.023 0.804 0.755 0.779 0.753 0.906 0.672 2

0.968 0.131 0.959 0.968 0.964 0.845 0.929 0.947 3

0.000 0.000 0.000 0.000 0.000 0.000 ? ? 4

1.000 0.000 1.000 1.000 1.000 1.000 1.000 1.000 5

0.950 0.002 0.950 0.950 0.950 0.948 0.953 0.905 U

Weighted Avg. 0.942 0.102 0.941 0.942 0.941 0.848 0.930 0.915

=== Confusion Matrix ===

a b c d e f <-- classified as

2 1 1 0 0 0 | a = 1

0 37 12 0 0 0 | b = 2

2 8 331 0 0 1 | c = 3

0 0 0 0 0 0 | d = 4

0 0 0 0 34 0 | e = 5

0 0 1 0 0 19 | f = U

audiology:

=== Run information ===

Scheme: weka.classifiers.rules.JRip -F 3 -N 2.0 -O 2 -S 1

Relation: audiology-weka.filters.supervised.instance.StratifiedRemoveFolds-S0-N2-F1

Instances: 113

Attributes: 70

age\_gt\_60

air

airBoneGap

ar\_c

ar\_u

bone

boneAbnormal

bser

history\_buzzing

history\_dizziness

history\_fluctuating

history\_fullness

history\_heredity

history\_nausea

history\_noise

history\_recruitment

history\_ringing

history\_roaring

history\_vomiting

late\_wave\_poor

m\_at\_2k

m\_cond\_lt\_1k

m\_gt\_1k

m\_m\_gt\_2k

m\_m\_sn

m\_m\_sn\_gt\_1k

m\_m\_sn\_gt\_2k

m\_m\_sn\_gt\_500

m\_p\_sn\_gt\_2k

m\_s\_gt\_500

m\_s\_sn

m\_s\_sn\_gt\_1k

m\_s\_sn\_gt\_2k

m\_s\_sn\_gt\_3k

m\_s\_sn\_gt\_4k

m\_sn\_2\_3k

m\_sn\_gt\_1k

m\_sn\_gt\_2k

m\_sn\_gt\_3k

m\_sn\_gt\_4k

m\_sn\_gt\_500

m\_sn\_gt\_6k

m\_sn\_lt\_1k

m\_sn\_lt\_2k

m\_sn\_lt\_3k

middle\_wave\_poor

mod\_gt\_4k

mod\_mixed

mod\_s\_mixed

mod\_s\_sn\_gt\_500

mod\_sn

mod\_sn\_gt\_1k

mod\_sn\_gt\_2k

mod\_sn\_gt\_3k

mod\_sn\_gt\_4k

mod\_sn\_gt\_500

notch\_4k

notch\_at\_4k

o\_ar\_c

o\_ar\_u

s\_sn\_gt\_1k

s\_sn\_gt\_2k

s\_sn\_gt\_4k

speech

static\_normal

tymp

viith\_nerve\_signs

wave\_V\_delayed

waveform\_ItoV\_prolonged

class

Test mode: 113-fold cross-validation

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

JRIP rules:

===========

(tymp = as) and (bone = normal) => class=conductive\_fixation (3.0/0.0)

(history\_fluctuating = t) => class=possible\_menieres (4.0/0.0)

(tymp = as) and (age\_gt\_60 = f) => class=mixed\_cochlear\_unk\_fixation (5.0/0.0)

(notch\_at\_4k = t) => class=cochlear\_poss\_noise (9.0/2.0)

(history\_noise = t) and (age\_gt\_60 = t) => class=cochlear\_age\_and\_noise (12.0/2.0)

(bone = normal) => class=normal\_ear (13.0/5.0)

(age\_gt\_60 = f) => class=cochlear\_unknown (38.0/15.0)

=> class=cochlear\_age (29.0/3.0)

Number of Rules : 8

Time taken to build model: 0.12 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 75 66.3717 %

Incorrectly Classified Instances 38 33.6283 %

Kappa statistic 0.5939

Mean absolute error 0.0384

Root mean squared error 0.1529

Relative absolute error 52.275 %

Root relative squared error 80.1885 %

Total Number of Instances 113

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 0.000 0.000 0.000 0.000 0.321 0.009 acoustic\_neuroma

0.000 0.000 0.000 0.000 0.000 0.000 0.321 0.009 bells\_palsy

0.862 0.131 0.694 0.862 0.769 0.685 0.896 0.814 cochlear\_age

0.909 0.020 0.833 0.909 0.870 0.856 0.934 0.721 cochlear\_age\_and\_noise

0.000 0.000 0.000 0.000 0.000 0.000 ? ? cochlear\_age\_plus\_poss\_menieres

0.000 0.000 0.000 0.000 0.000 0.000 0.362 0.009 cochlear\_noise\_and\_heredity

0.700 0.029 0.700 0.700 0.700 0.671 0.902 0.552 cochlear\_poss\_noise

0.708 0.157 0.548 0.708 0.618 0.505 0.837 0.591 cochlear\_unknown

0.000 0.000 0.000 0.000 0.000 0.000 0.326 0.009 conductive\_discontinuity

0.333 0.000 1.000 0.333 0.500 0.572 1.000 1.000 conductive\_fixation

0.000 0.000 0.000 0.000 0.000 0.000 0.451 0.009 mixed\_cochlear\_age\_fixation

0.000 0.009 0.000 0.000 0.000 -0.013 0.901 0.154 mixed\_cochlear\_age\_otitis\_media

0.000 0.000 0.000 0.000 0.000 0.000 0.402 0.009 mixed\_cochlear\_age\_s\_om

0.000 0.000 0.000 0.000 0.000 0.000 0.388 0.009 mixed\_cochlear\_unk\_discontinuity

1.000 0.009 0.833 1.000 0.909 0.909 0.993 0.753 mixed\_cochlear\_unk\_fixation

0.000 0.000 0.000 0.000 0.000 0.000 0.330 0.009 mixed\_cochlear\_unk\_ser\_om

0.000 0.000 0.000 0.000 0.000 0.000 ? ? mixed\_poss\_central\_om

0.000 0.000 0.000 0.000 0.000 0.000 0.321 0.009 mixed\_poss\_noise\_om

0.545 0.049 0.545 0.545 0.545 0.496 0.862 0.410 normal\_ear

0.000 0.000 0.000 0.000 0.000 0.000 0.297 0.018 otitis\_media

0.000 0.000 0.000 0.000 0.000 0.000 ? ? poss\_central

0.000 0.009 0.000 0.000 0.000 -0.013 0.829 0.073 possible\_brainstem\_disorder

1.000 0.000 1.000 1.000 1.000 1.000 1.000 1.000 possible\_menieres

0.000 0.000 0.000 0.000 0.000 0.000 0.446 0.009 retrocochlear\_unknown

Weighted Avg. 0.664 0.077 0.590 0.664 0.617 0.565 0.836 0.594

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x <-- classified as

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = acoustic\_neuroma

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = bells\_palsy

0 0 25 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 | c = cochlear\_age

0 0 0 10 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 | d = cochlear\_age\_and\_noise

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = cochlear\_age\_plus\_poss\_menieres

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = cochlear\_noise\_and\_heredity

0 0 0 0 0 0 7 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = cochlear\_poss\_noise

0 0 4 0 0 0 0 17 0 0 0 0 0 0 0 0 0 0 2 0 0 1 0 0 | h = cochlear\_unknown

0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = conductive\_discontinuity

0 0 2 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = conductive\_fixation

0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 | k = mixed\_cochlear\_age\_fixation

0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | l = mixed\_cochlear\_age\_otitis\_media

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 | m = mixed\_cochlear\_age\_s\_om

0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = mixed\_cochlear\_unk\_discontinuity

0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0 0 0 0 0 0 | o = mixed\_cochlear\_unk\_fixation

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | p = mixed\_cochlear\_unk\_ser\_om

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = mixed\_poss\_central\_om

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = mixed\_poss\_noise\_om

0 0 2 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 | s = normal\_ear

0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = otitis\_media

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = poss\_central

0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = possible\_brainstem\_disorder

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 | w = possible\_menieres

0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | x = retrocochlear\_unknown

Autos:

=== Run information ===

Scheme: weka.classifiers.rules.JRip -F 3 -N 2.0 -O 2 -S 1

Relation: autos-weka.filters.supervised.instance.StratifiedRemoveFolds-S0-N2-F1

Instances: 103

Attributes: 26

normalized-losses

make

fuel-type

aspiration

num-of-doors

body-style

drive-wheels

engine-location

wheel-base

length

width

height

curb-weight

engine-type

num-of-cylinders

engine-size

fuel-system

bore

stroke

compression-ratio

horsepower

peak-rpm

city-mpg

highway-mpg

price

symboling

Test mode: 103-fold cross-validation

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

JRIP rules:

===========

(make = volvo) and (normalized-losses >= 103) => symboling=-2 (2.0/0.0)

(wheel-base >= 102.4) and (normalized-losses <= 110) => symboling=-1 (12.0/1.0)

(height <= 50.2) => symboling=3 (11.0/2.0)

(normalized-losses >= 197) => symboling=3 (2.0/0.0)

(stroke >= 3.4) and (compression-ratio >= 9.3) => symboling=2 (8.0/1.0)

(bore <= 3.15) and (peak-rpm <= 5500) => symboling=1 (24.0/5.0)

=> symboling=0 (44.0/17.0)

Number of Rules : 7

Time taken to build model: 0.04 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 62 60.1942 %

Incorrectly Classified Instances 41 39.8058 %

Kappa statistic 0.4751

Mean absolute error 0.1417

Root mean squared error 0.2984

Relative absolute error 63.031 %

Root relative squared error 88.8839 %

Total Number of Instances 103

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 0.000 0.000 0.000 0.000 ? ? -3

0.000 0.000 0.000 0.000 0.000 0.000 1.000 1.000 -2

0.909 0.022 0.833 0.909 0.870 0.854 0.942 0.829 -1

0.758 0.243 0.595 0.758 0.667 0.489 0.773 0.640 0

0.556 0.145 0.577 0.556 0.566 0.416 0.701 0.569 1

0.313 0.069 0.455 0.313 0.370 0.286 0.761 0.405 2

0.500 0.056 0.583 0.500 0.538 0.474 0.766 0.407 3

Weighted Avg. 0.602 0.136 0.581 0.602 0.586 0.466 0.774 0.580

=== Confusion Matrix ===

a b c d e f g <-- classified as

0 0 0 0 0 0 0 | a = -3

0 0 1 1 0 0 0 | b = -2

0 0 10 0 0 1 0 | c = -1

0 0 1 25 3 3 1 | d = 0

0 0 0 7 15 2 3 | e = 1

0 0 0 6 4 5 1 | f = 2

0 0 0 3 4 0 7 | g = 3