=== Run information ===

Scheme: weka.classifiers.rules.DecisionTable -X 1 -S "weka.attributeSelection.BestFirst -D 1 -N 5"

Relation: fsi1-2019-weka.filters.unsupervised.attribute.Discretize-B4-M-1.0-Rfirst-last-precision6

Instances: 2099

Attributes: 17

ï»¿Country

Year

Rank

Total

C1: Security Apparatus

C2: Factionalized Elites

C3: Group Grievance

E1: Economy

E2: Economic Inequality

E3: Human Flight and Brain Drain

P1: State Legitimacy

P2: Public Services

P3: Human Rights

S1: Demographic Pressures

S2: Refugees and IDPs

X1: External Intervention

Change from Previous Year

Test mode: 10-fold cross-validation

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

Decision Table:

Number of training instances: 178

Number of Rules : 13

Non matches covered by Majority class.

Best first.

Start set: no attributes

Search direction: forward

Stale search after 5 node expansions

Total number of subsets evaluated: 84

Merit of best subset found: 78.652

Evaluation (for feature selection): CV (leave one out)

Feature set: 5,12,4

Time taken to build model: 0.05 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 134 75.2809 %

Incorrectly Classified Instances 44 24.7191 %

Kappa statistic 0.6455

Mean absolute error 0.2014

Root mean squared error 0.2986

Relative absolute error 57.454 %

Root relative squared error 71.3624 %

Total Number of Instances 178

Ignored Class Unknown Instances 1921

=== Detailed Accuracy By Class ===

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

0.879 0.083 0.707 0.879 0.784 0.735 0.068 0.009 '(-inf-41.05]'

0.457 0.063 0.640 0.457 0.533 0.451 0.986 0.588 '(41.05-65.2]'

0.835 0.152 0.815 0.835 0.825 0.682 0.995 0.875 '(65.2-89.35]'

0.742 0.054 0.742 0.742 0.742 0.688 0.982 0.770 '(89.35-inf)'

Weighted Avg. 0.753 0.104 0.748 0.753 0.746 0.647 0.819 0.640

=== Confusion Matrix ===

a b c d <-- classified as

29 4 0 0 | a = '(-inf-41.05]'

11 16 8 0 | b = '(41.05-65.2]'

0 5 66 8 | c = '(65.2-89.35]'

1 0 7 23 | d = '(89.35-inf)'