=== Run information ===

Scheme: weka.classifiers.trees.RandomForest -P 100 -I 100 -num-slots 1 -K 0 -M 1.0 -V 0.001 -S 1

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) ===

RandomForest

Bagging with 100 iterations and base learner

weka.classifiers.trees.RandomTree -K 0 -M 1.0 -V 0.001 -S 1 -do-not-check-capabilities

Time taken to build model: 0.09 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 128 71.9101 %

Incorrectly Classified Instances 50 28.0899 %

Kappa statistic 0.5599

Mean absolute error 0.2675

Root mean squared error 0.3295

Relative absolute error 76.2989 %

Root relative squared error 78.7665 %

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

0.848 0.034 0.848 0.848 0.848 0.814 0.999 0.955 '(-inf-41.05]'

0.086 0.014 0.600 0.086 0.150 0.173 0.956 0.743 '(41.05-65.2]'

1.000 0.434 0.648 1.000 0.786 0.605 0.997 0.957 '(65.2-89.35]'

0.581 0.000 1.000 0.581 0.735 0.730 0.999 0.952 '(89.35-inf)'

Weighted Avg. 0.719 0.202 0.737 0.719 0.664 0.581 0.990 0.914

=== Confusion Matrix ===

a b c d <-- classified as

28 2 3 0 | a = '(-inf-41.05]'

5 3 27 0 | b = '(41.05-65.2]'

0 0 79 0 | c = '(65.2-89.35]'

0 0 13 18 | d = '(89.35-inf)'