Kea - Machine Learning in Marsyas ala Weka

Mode = train\_evaluate

Training classifier using .arff file: MARSYAS\_EMPTYmulti.arff

Classifier type : SVM

=== Non-Stratified cross-validation (10 folds) ===

[MRS\_MESSAGE] === ClassificationReport ===

Correctly Classified Instances 18724 68.9904 %

Incorrectly Classified Instances 8416 31.0096 %

Kappa statistic 0.458789

Mean absolute error 0.310096

Root mean squared error 0.556862

Relative absolute error 62.0192

Root relative squared error 111.372

Total Number of Instances 27140

=== Confusion Matrix ===

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

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209 0 8 41 125 0 5 526 | a = 0 Vocals, Drums, Claps

0 0 31 3 2 0 0 1 | b = 1 Drums, Claps

0 1 1490 398 67 0 10 152 | c = 2 Drums

12 1 170 2314 64 0 15 913 | d = 3 None

78 0 157 166 489 0 32 1752 | e = 4 Vocals, Drums

0 0 1 5 0 0 0 3 | f = 5 Claps

30 0 3 58 50 0 329 2678 | g = 6 Vocals, Claps

24 0 44 539 145 0 106 13893 | h = 7 Vocals

68% classified correctly (18724/27140)

F1 Measure:

a: 0.3299

b: 0

c: 0.7409

d: 0.6599

e: 0.2705

f: 0

g: 0.1805

h: 0.8015