Tester: weka.experiment.PairedCorrectedTTester

Analysing: Percent\_correct

Datasets: 48

Resultsets: 2

Confidence: 0.05 (two tailed)

Sorted by: -

Date: 4/12/14 9:51 AM

Dataset (1) meta.Fil | (2) trees.

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output/ibol.species.seq150.k33.arff (3) 62.08 | 65.68 v

output/ibol.species.seq150.k34.arff (3) **72.86** | 74.06 v

output/ibol.species.seq150.k35.arff (3) 70.86 | 76.96 v

output/ibol.species.seq150.k36.arff (3) 59.84 | **78.88** v

output/ibol.species.seq300.k33.arff (3) 93.56 | 86.83 \*

output/ibol.species.seq300.k34.arff (3) 97.55 | 93.87 \*

output/ibol.species.seq300.k35.arff (3) **97.60** | 95.60 \*

output/ibol.species.seq300.k36.arff (3) 95.51 | **96.08**

output/ibol.species.seq450.k33.arff (3) 99.52 | 96.76 \*

output/ibol.species.seq450.k34.arff (3) **99.80** | 99.33

output/ibol.species.seq450.k35.arff (3) 99.67 | 99.72

output/ibol.species.seq450.k36.arff (3) 99.27 | **99.82** v

output/ibol.species.seq600.k33.arff (3) **99.81** | 99.69

output/ibol.species.seq600.k34.arff (3) 99.69 | 99.87

output/ibol.species.seq600.k35.arff (3) 99.50 | 99.94

output/ibol.species.seq600.k36.arff (3) 96.79 | **100.00** v

output/res50k.family.seq150.k33.arff (3) 38.44 | 42.07 v

output/res50k.family.seq150.k34.arff (3) 49.06 | 46.98

output/res50k.family.seq150.k35.arff (3) 56.03 | 49.44 \*

output/res50k.family.seq150.k36.arff (3) **59.45** | **49.75** \*

output/res50k.family.seq300.k33.arff (3) 56.98 | 55.85

output/res50k.family.seq300.k34.arff (3) 68.30 | 62.16 \*

output/res50k.family.seq300.k35.arff (3) 72.46 | **65.09** \*

output/res50k.family.seq300.k36.arff (3) **73.46** | 64.45 \*

output/res50k.family.seq450.k33.arff (3) 66.88 | 65.43

output/res50k.family.seq450.k34.arff (3) 76.60 | 71.70 \*

output/res50k.family.seq450.k35.arff (3) 79.54 | **74.39** \*

output/res50k.family.seq450.k36.arff (3) **79.71** | 74.12 \*

output/res50k.family.seq600.k33.arff (3) **69.37** | 79.46 v

output/res50k.family.seq600.k34.arff (3) 61.79 | 82.72 v

output/res50k.family.seq600.k35.arff (3) 60.82 | **83.70** v

output/res50k.family.seq600.k36.arff (3) 62.90 | 82.72 v

output/res50k.genus.seq150.k33.arff (3) 32.60 | 33.33

output/res50k.genus.seq150.k34.arff (3) 42.79 | 39.68 \*

output/res50k.genus.seq150.k35.arff (3) **45.71** | 41.74 \*

output/res50k.genus.seq150.k36.arff (3) 44.07 | **44.11**

output/res50k.genus.seq300.k33.arff (3) 58.13 | 50.61 \*

output/res50k.genus.seq300.k34.arff (3) 68.16 | 59.48 \*

output/res50k.genus.seq300.k35.arff (3) **69.42** | 62.32 \*

output/res50k.genus.seq300.k36.arff (3) 65.15 | **62.36** \*

output/res50k.genus.seq450.k33.arff (3) 74.46 | 64.98 \*

output/res50k.genus.seq450.k34.arff (3) 82.11 | **73.52** \*

output/res50k.genus.seq450.k35.arff (3) **82.14** | 77.26 \*

output/res50k.genus.seq450.k36.arff (3) 77.61 | 77.07

output/res50k.genus.seq600.k33.arff (3) **84.59** | 83.47

output/res50k.genus.seq600.k34.arff (3) 80.43 | 86.47 v

output/res50k.genus.seq600.k35.arff (3) 72.97 | **86.75** v

output/res50k.genus.seq600.k36.arff (3) 61.02 | 85.78 v

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(v/ /\*) | (14/13/21)

Key:

(1) meta.FilteredClassifier '-F \"unsupervised.attribute.Discretize -F -B 10 -M -1.0 -R first-last\" -W bayes.NaiveBayes' -4.5234506185387172E18

(2) trees.RandomForest '-I 10 -K 0 -S 1 -num-slots 2' 1.11683947075142874E18

Tester: weka.experiment.PairedCorrectedTTester

Analysing: Number\_of\_training\_instances

Datasets: 48

Resultsets: 2

Confidence: 0.05 (two tailed)

Sorted by: -

Date: 4/12/14 10:03 AM

Dataset (1) meta.Filter | (2) trees.Ra

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output/ibol.species.seq150.k33.arff (3) 13939.33 | 13939.33

output/ibol.species.seq150.k34.arff (3) 13939.33 | 13939.33

output/ibol.species.seq150.k35.arff (3) 13939.33 | 13939.33

output/ibol.species.seq150.k36.arff (3) 13939.33 | 13939.33

output/ibol.species.seq300.k33.arff (3) 13939.33 | 13939.33

output/ibol.species.seq300.k34.arff (3) 13939.33 | 13939.33

output/ibol.species.seq300.k35.arff (3) 13939.33 | 13939.33

output/ibol.species.seq300.k36.arff (3) 13939.33 | 13939.33

output/ibol.species.seq450.k33.arff (3) 13939.33 | 13939.33

output/ibol.species.seq450.k34.arff (3) 13939.33 | 13939.33

output/ibol.species.seq450.k35.arff (3) 13939.33 | 13939.33

output/ibol.species.seq450.k36.arff (3) 13939.33 | 13939.33

output/ibol.species.seq600.k33.arff (3) 1060.67 | 1060.67

output/ibol.species.seq600.k34.arff (3) 1060.67 | 1060.67

output/ibol.species.seq600.k35.arff (3) 1060.67 | 1060.67

output/ibol.species.seq600.k36.arff (3) 1060.67 | 1060.67

output/res50k.family.seq150.k33.arff (3) 18615.33 | 18615.33

output/res50k.family.seq150.k34.arff (3) 18615.33 | 18615.33

output/res50k.family.seq150.k35.arff (3) 18615.33 | 18615.33

output/res50k.family.seq150.k36.arff (3) 18615.33 | 18615.33

output/res50k.family.seq300.k33.arff (3) 18481.33 | 18481.33

output/res50k.family.seq300.k34.arff (3) 18481.33 | 18481.33

output/res50k.family.seq300.k35.arff (3) 18481.33 | 18481.33

output/res50k.family.seq300.k36.arff (3) 18481.33 | 18481.33

output/res50k.family.seq450.k33.arff (3) 17589.33 | 17589.33

output/res50k.family.seq450.k34.arff (3) 17589.33 | 17589.33

output/res50k.family.seq450.k35.arff (3) 17589.33 | 17589.33

output/res50k.family.seq450.k36.arff (3) 17589.33 | 17589.33

output/res50k.family.seq600.k33.arff (3) 15786.67 | 15786.67

output/res50k.family.seq600.k34.arff (3) 15786.67 | 15786.67

output/res50k.family.seq600.k35.arff (3) 15786.67 | 15786.67

output/res50k.family.seq600.k36.arff (3) 15786.67 | 15786.67

output/res50k.genus.seq150.k33.arff (3) 13050.00 | 13050.00

output/res50k.genus.seq150.k34.arff (3) 13050.00 | 13050.00

output/res50k.genus.seq150.k35.arff (3) 13050.00 | 13050.00

output/res50k.genus.seq150.k36.arff (3) 13050.00 | 13050.00

output/res50k.genus.seq300.k33.arff (3) 12948.00 | 12948.00

output/res50k.genus.seq300.k34.arff (3) 12948.00 | 12948.00

output/res50k.genus.seq300.k35.arff (3) 12948.00 | 12948.00

output/res50k.genus.seq300.k36.arff (3) 12948.00 | 12948.00

output/res50k.genus.seq450.k33.arff (3) 12293.33 | 12293.33

output/res50k.genus.seq450.k34.arff (3) 12293.33 | 12293.33

output/res50k.genus.seq450.k35.arff (3) 12293.33 | 12293.33

output/res50k.genus.seq450.k36.arff (3) 12293.33 | 12293.33

output/res50k.genus.seq600.k33.arff (3) 10769.33 | 10769.33

output/res50k.genus.seq600.k34.arff (3) 10769.33 | 10769.33

output/res50k.genus.seq600.k35.arff (3) 10769.33 | 10769.33

output/res50k.genus.seq600.k36.arff (3) 10769.33 | 10769.33

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(v/ /\*) | (0/48/0)

Key:

(1) meta.FilteredClassifier '-F \"unsupervised.attribute.Discretize -F -B 10 -M -1.0 -R first-last\" -W bayes.NaiveBayes' -4.5234506185387172E18

(2) trees.RandomForest '-I 10 -K 0 -S 1 -num-slots 2' 1.11683947075142874E18