Tester: weka.experiment.PairedCorrectedTTester

Analysing: Percent\_correct

Datasets: 48

Resultsets: 2

Confidence: 0.05 (two tailed)

Sorted by: -

Date: 2/12/14 9:56 AM

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

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output/ibol.species.seq150.k33.arff-weka (2) 41.66 | 42.87

output/ibol.species.seq150.k34.arff-weka (2) **47.58** | 49.61

output/ibol.species.seq150.k35.arff-weka (2) 42.17 | 53.54 v

output/ibol.species.seq150.k36.arff-weka (2) 32.84 | **55.76 v**

output/ibol.species.seq300.k33.arff-weka (2) 79.13 | 69.62 \*

output/ibol.species.seq300.k34.arff-weka (2) **88.05** | 80.00 \*

output/ibol.species.seq300.k35.arff-weka (2) 83.38 | 84.13

output/ibol.species.seq300.k36.arff-weka (2) 68.14 | **85.47 v**

output/ibol.species.seq450.k33.arff-weka (2) 95.91 | 88.34

output/ibol.species.seq450.k34.arff-weka (2) **98.44** | 95.20 \*

output/ibol.species.seq450.k35.arff-weka (2) 97.22 | 97.67

output/ibol.species.seq450.k36.arff-weka (2) 91.04 | **98.22 v**

output/ibol.species.seq600.k33.arff-weka (2) **99.12** | 98.62

output/ibol.species.seq600.k34.arff-weka (2) 98.62 | 98.99

output/ibol.species.seq600.k35.arff-weka (2) 93.22 | 99.12

output/ibol.species.seq600.k36.arff-weka (2) 70.10 |  **99.87** v

output/res50k.family.seq150.k33.arff-wek (2) 35.69 | 32.60

output/res50k.family.seq150.k34.arff-wek (2) 44.65 | 37.82

output/res50k.family.seq150.k35.arff-wek (2) 49.21 | 38.40

output/res50k.family.seq150.k36.arff-wek (2) **50.71** | **38.99** \*

output/res50k.family.seq300.k33.arff-wek (2) 52.41 | 46.70 \*

output/res50k.family.seq300.k34.arff-wek (2) 61.60 | 52.54 \*

output/res50k.family.seq300.k35.arff-wek (2) **64.74** | 53.46 \*

output/res50k.family.seq300.k36.arff-wek (2) 64.57 | **53.67 \***

output/res50k.family.seq450.k33.arff-wek (2) 62.08 | 57.13

output/res50k.family.seq450.k34.arff-wek (2) 70.28 | 62.86 \*

output/res50k.family.seq450.k35.arff-wek (2) **72.08** | **64.90 \***

output/res50k.family.seq450.k36.arff-wek (2) 71.02 | 63.94

output/res50k.family.seq600.k33.arff-wek (2) **66.18** | 70.80

output/res50k.family.seq600.k34.arff-wek (2) 60.17 | **74.63 v**

output/res50k.family.seq600.k35.arff-wek (2) 56.48 | 74.50

output/res50k.family.seq600.k36.arff-wek (2) 56.32 | 73.85 v

output/res50k.genus.seq150.k33.arff-weka (2) 23.63 | 21.08

output/res50k.genus.seq150.k34.arff-weka (2) 29.27 | 24.65

output/res50k.genus.seq150.k35.arff-weka (2) **29.43** | 26.21

output/res50k.genus.seq150.k36.arff-weka (2) 25.08 | **27.37**

output/res50k.genus.seq300.k33.arff-weka (2) 44.75 | 36.91 \*

output/res50k.genus.seq300.k34.arff-weka (2) **52.03** | 41.94 \*

output/res50k.genus.seq300.k35.arff-weka (2) 51.26 | 44.95 \*

output/res50k.genus.seq300.k36.arff-weka (2) 45.79 | **44.73**

output/res50k.genus.seq450.k33.arff-weka (2) 60.16 | 50.60

output/res50k.genus.seq450.k34.arff-weka (2) **66.50** | 58.47

output/res50k.genus.seq450.k35.arff-weka (2) 64.37 | **62.68**

output/res50k.genus.seq450.k36.arff-weka (2) 58.02 | 61.48

output/res50k.genus.seq600.k33.arff-weka (2) **75.67** | 71.78

output/res50k.genus.seq600.k34.arff-weka (2) 70.35 | 74.58

output/res50k.genus.seq600.k35.arff-weka (2) 58.33 | **76.04 v**

output/res50k.genus.seq600.k36.arff-weka (2) 42.87 | 74.21 v

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(v/ /\*) | (9/26/13)

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: 2/12/14 9:58 AM

Dataset (1) meta.Filte | (2) trees.R

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output/ibol.species.seq150.k33.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq150.k34.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq150.k35.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq150.k36.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq300.k33.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq300.k34.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq300.k35.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq300.k36.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq450.k33.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq450.k34.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq450.k35.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq450.k36.arff-weka (2) 5227.50 | 5227.50

output/ibol.species.seq600.k33.arff-weka (2) 398.00 | 398.00

output/ibol.species.seq600.k34.arff-weka (2) 398.00 | 398.00

output/ibol.species.seq600.k35.arff-weka (2) 398.00 | 398.00

output/ibol.species.seq600.k36.arff-weka (2) 398.00 | 398.00

output/res50k.family.seq150.k33.arff-wek (2) 6981.00 | 6981.00

output/res50k.family.seq150.k34.arff-wek (2) 6981.00 | 6981.00

output/res50k.family.seq150.k35.arff-wek (2) 6981.00 | 6981.00

output/res50k.family.seq150.k36.arff-wek (2) 6981.00 | 6981.00

output/res50k.family.seq300.k33.arff-wek (2) 6930.50 | 6930.50

output/res50k.family.seq300.k34.arff-wek (2) 6930.50 | 6930.50

output/res50k.family.seq300.k35.arff-wek (2) 6930.50 | 6930.50

output/res50k.family.seq300.k36.arff-wek (2) 6930.50 | 6930.50

output/res50k.family.seq450.k33.arff-wek (2) 6596.00 | 6596.00

output/res50k.family.seq450.k34.arff-wek (2) 6596.00 | 6596.00

output/res50k.family.seq450.k35.arff-wek (2) 6596.00 | 6596.00

output/res50k.family.seq450.k36.arff-wek (2) 6596.00 | 6596.00

output/res50k.family.seq600.k33.arff-wek (2) 5920.00 | 5920.00

output/res50k.family.seq600.k34.arff-wek (2) 5920.00 | 5920.00

output/res50k.family.seq600.k35.arff-wek (2) 5920.00 | 5920.00

output/res50k.family.seq600.k36.arff-wek (2) 5920.00 | 5920.00

output/res50k.genus.seq150.k33.arff-weka (2) 4894.00 | 4894.00

output/res50k.genus.seq150.k34.arff-weka (2) 4894.00 | 4894.00

output/res50k.genus.seq150.k35.arff-weka (2) 4894.00 | 4894.00

output/res50k.genus.seq150.k36.arff-weka (2) 4894.00 | 4894.00

output/res50k.genus.seq300.k33.arff-weka (2) 4855.50 | 4855.50

output/res50k.genus.seq300.k34.arff-weka (2) 4855.50 | 4855.50

output/res50k.genus.seq300.k35.arff-weka (2) 4855.50 | 4855.50

output/res50k.genus.seq300.k36.arff-weka (2) 4855.50 | 4855.50

output/res50k.genus.seq450.k33.arff-weka (2) 4610.00 | 4610.00

output/res50k.genus.seq450.k34.arff-weka (2) 4610.00 | 4610.00

output/res50k.genus.seq450.k35.arff-weka (2) 4610.00 | 4610.00

output/res50k.genus.seq450.k36.arff-weka (2) 4610.00 | 4610.00

output/res50k.genus.seq600.k33.arff-weka (2) 4038.50 | 4038.50

output/res50k.genus.seq600.k34.arff-weka (2) 4038.50 | 4038.50

output/res50k.genus.seq600.k35.arff-weka (2) 4038.50 | 4038.50

output/res50k.genus.seq600.k36.arff-weka (2) 4038.50 | 4038.50

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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