Predicted Ranking V/s Actual Ranking on different performance measures

1. Accuracy

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| a1a.arff -> 4,3,6,5,10,2,11,9,7,1  ada\_agnostic.arff -> 11,9,7,0,8,12,10,4,1,3  ada\_prior.arff -> 4,11,9,5,6,7,2,0,8,3  agaricus-lepiota.arff -> 11,2,9,10,7,4,0,8,12,1  australian\_scale.arff -> 6,3,1,10,2,11,9,7,4,5  bands.arff -> 8,12,9,6,0,11,5,2,1,7  breast-cancer.arff -> 5,4,2,6,1,3,11,9,7,0  brest-cancer-wisconsin.arff -> 1,11,9,7,0,8,12,5,2,3  chess.arff -> 11,9,7,8,0,12,1,5,4,10  coil2000.arff -> 2,1,11,4,9,7,8,3,0,5  crx.arff -> 3,11,6,9,7,8,4,0,12,1  german.numer\_scale.arff -> 11,6,9,7,8,4,0,12,1,3  gina\_agnostic.arff -> 11,6,9,7,4,0,12,1,3,2  gina\_prior.arff -> 11,6,9,7,8,4,0,12,1,5  heart.arff -> 11,6,10,9,8,7,4,0,12,1  hepatitis.arff -> 11,6,9,7,0,12,1,3,2,8  hiva\_agnostic.arff -> 11,6,9,7,8,0,12,1,3,2  housevotes.arff -> 7,9,11,6,0,8,1,4,12,10  ijcnn1.arff -> 10,11,6,8,9,7,4,0,12,1  ionosphere.arff -> 11,6,9,7,4,0,12,1,8,2  jm1.arff -> 10,2,5,8,11,6,9,7,3,4  kc1-class-level-binary.arff -> 2,10,11,6,8,9,7,4,0,12  kc3.arff -> 11,6,9,8,7,4,0,1,12,5  labor.arff -> 11,6,9,8,7,4,0,1,12,2  mc1.arff -> 10,2,3,8,11,6,9,7,4,0  mc2.arff -> 2,11,6,9,7,4,0,1,12,5  mw1.arff -> 3,2,6,11,9,8,7,10,4,0  pc1.arff -> 2,5,6,11,9,8,7,4,0,1  pc3.arff -> 6,11,9,7,4,0,1,12,8,3  pc4.arff -> 10,2,3,5,6,11,9,8,7,4  pima-indians-diabetes.arff -> 11,9,8,7,4,0,1,12,2,3  ring.arff -> 5,10,11,9,8,7,4,0,1,12  ringnorm.arff -> 5,10,11,9,8,7,4,0,1,12  saheart.arff -> 11,9,8,7,4,0,1,12,2,6  sonar.arff -> 10,6,11,8,9,7,4,5,12,0  spambase.arff -> 6,5,10,11,8,9,7,4,12,0  spectfheart.arff -> 6,11,8,9,7,10,4,12,0,1  svmguide3.arff -> 5,11,8,9,7,4,6,12,0,1  sylva\_agnostic.arff -> 6,11,5,8,9,7,4,12,0,1  sylva\_prior.arff -> 10,6,5,11,8,9,7,4,12,0  twonorm.arff -> 5,11,8,9,7,4,12,0,1,2  unbalanced.arff -> 11,8,9,7,4,12,0,1,2,3  vote.arff -> 11,8,9,7,4,12,0,1,2,3  wdbc.arff -> 11,8,9,7,5,4,12,0,1,2 | a1a.arff -> 7,4,6,11,8,1,5,12,0,2  ada\_agnostic.arff -> 6,11,8,7,9,5,1,4,0,2  ada\_prior.arff -> 8,6,11,4,0,7,2,1,12,9  agaricus-lepiota.arff -> 10,9,0,4,7,1,11,2,12,6  australian\_scale.arff -> 8,6,5,3,12,1,2,4,11,9  bands.arff -> 6,10,5,11,12,2,3,7,8,1  breast-cancer.arff -> 6,5,0,12,8,7,9,3,2,1  brest-cancer-wisconsin.arff -> 3,4,7,0,1,2,6,8,9,11  chess.arff -> 10,9,7,11,4,0,1,6,12,2  coil2000.arff -> 0,1,2,3,4,8,12,11,6,7  crx.arff -> 7,6,12,4,2,0,8,11,1,9  german.numer\_scale.arff -> 6,7,5,11,12,4,2,0,9,8  gina\_agnostic.arff -> 11,7,6,8,9,4,1,0,5,10  gina\_prior.arff -> 7,11,9,10,0,4,1,6,8,2  heart.arff -> 8,5,6,4,12,11,7,1,2,3  hepatitis.arff -> 5,10,12,0,1,7,8,9,4,2  hiva\_agnostic.arff -> 4,7,9,2,6,0,1,3,8,12  housevotes.arff -> 6,11,8,9,10,5,12,7,3,4  ijcnn1.arff -> 10,9,7,0,4,11,1,2,3,6  ionosphere.arff -> 5,9,11,7,10,1,12,2,6,0  jm1.arff -> 1,7,11,6,4,0,12,9,2,3  kc1-class-level-binary.arff -> 6,9,11,2,3,5,4,10,7,0  kc3.arff -> 2,3,4,6,8,7,0,11,1,12  labor.arff -> 2,3,4,7,9,12,0,1,11,5  mc1.arff -> 9,0,7,10,4,1,2,11,12,3  mc2.arff -> 0,1,6,3,12,5,4,7,9,2  mw1.arff -> 7,8,3,6,12,0,4,1,2,11  pc1.arff -> 7,9,11,3,8,0,2,6,12,4  pc3.arff -> 3,4,8,1,2,9,6,7,12,11  pc4.arff -> 2,3,8,12,11,1,6,4,9,7  pima-indians-diabetes.arff -> 6,7,11,12,9,5,8,1,0,4  ring.arff -> 5,7,9,0,1,4,11,10,2,8  ringnorm.arff -> 5,7,9,1,4,0,10,11,2,8  saheart.arff -> 12,6,1,7,0,3,9,2,4,5  sonar.arff -> 10,11,9,1,4,7,0,5,6,12  spambase.arff -> 9,7,11,10,1,0,4,6,2,5  spectfheart.arff -> 6,7,11,9,2,3,8,12,0,1  svmguide3.arff -> 11,6,1,0,7,5,2,9,12,4  sylva\_agnostic.arff -> 7,9,11,4,8,2,6,0,1,5  sylva\_prior.arff -> 6,11,9,7,0,8,4,1,10,2  twonorm.arff -> 5,2,3,4,12,0,8,6,1,7  unbalanced.arff -> 0,1,2,3,4,5,6,7,8,11  vote.arff -> 6,11,8,7,0,9,10,1,5,12  wdbc.arff -> 11,6,9,7,0,1,10,4,12,5 |

1. Area under curve

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| a1a.arff -> 12,11,6,5,9,10,1,7,4,2  ada\_agnostic.arff -> 9,7,5,2,1,6,12,11,3,0  ada\_prior.arff -> 5,11,7,12,1,3,6,9,10,2  agaricus-lepiota.arff -> 10,7,5,3,9,6,11,12,2,1  australian\_scale.arff -> 5,9,11,12,0,7,10,4,6,1  bands.arff -> 7,6,5,11,0,1,2,8,4,12  breast-cancer.arff -> 11,6,5,4,12,9,7,2,0,1  brest-cancer-wisconsin.arff -> 11,12,7,3,1,6,5,10,9,8  chess.arff -> 7,5,10,12,2,9,1,8,11,6  coil2000.arff -> 5,1,7,6,0,2,11,4,12,10  crx.arff -> 10,6,3,11,5,9,7,2,4,0  german.numer\_scale.arff -> 9,0,6,10,7,11,3,12,1,4  gina\_agnostic.arff -> 1,7,0,11,4,9,12,10,2,6  gina\_prior.arff -> 9,10,5,3,11,12,1,4,7,6  heart.arff -> 6,11,12,5,4,7,8,10,0,1  hepatitis.arff -> 7,10,9,2,0,6,11,5,3,12  hiva\_agnostic.arff -> 9,0,7,12,1,6,3,5,8,11  housevotes.arff -> 4,11,5,12,7,1,2,10,6,9  ijcnn1.arff -> 7,1,12,2,4,11,5,6,9,0  ionosphere.arff -> 9,0,3,5,6,8,10,7,11,12  jm1.arff -> 9,7,11,0,6,10,5,12,3,8  kc1-class-level-binary.arff -> 10,5,12,7,9,6,0,1,11,3  kc3.arff -> 9,5,6,0,3,7,12,11,8,1  labor.arff -> 9,7,0,3,1,6,8,10,5,12  mc1.arff -> 9,7,11,0,5,6,3,1,12,8  mc2.arff -> 9,0,3,12,8,1,6,10,2,5  mw1.arff -> 12,6,7,5,1,2,9,11,0,10  pc1.arff -> 9,6,0,3,10,11,7,12,5,8  pc3.arff -> 7,1,6,12,5,2,9,0,3,8  pc4.arff -> 11,10,12,5,7,6,1,2,9,4  pima-indians-diabetes.arff -> 12,9,7,0,1,6,5,11,2,8  ring.arff -> 7,9,11,5,0,2,12,8,1,6  ringnorm.arff -> 7,2,9,11,5,0,12,1,6,8  saheart.arff -> 4,10,7,5,12,11,2,6,8,9  sonar.arff -> 11,6,9,12,5,7,0,1,8,4  spambase.arff -> 7,11,6,0,9,12,1,8,3,2  spectfheart.arff -> 9,6,0,11,7,1,12,2,4,5  svmguide3.arff -> 11,9,7,5,0,2,1,12,4,10  sylva\_agnostic.arff -> 7,12,6,11,9,2,1,0,5,4  sylva\_prior.arff -> 12,1,6,2,9,11,7,5,0,8  twonorm.arff -> 7,5,11,9,0,1,2,6,8,4  unbalanced.arff -> 9,6,7,4,1,12,10,11,0,3  vote.arff -> 3,12,6,7,4,1,5,0,9,10  wdbc.arff -> 7,9,5,12,4,1,6,10,11,3 | a1a.arff -> 6,7,11,5,12,9,2,1,0,4  ada\_agnostic.arff -> 6,11,7,5,2,1,9,12,0,4  ada\_prior.arff -> 6,11,7,5,2,12,1,0,9,4  agaricus-lepiota.arff -> 9,10,7,11,4,2,1,0,12,5  australian\_scale.arff -> 6,5,7,9,2,11,1,12,4,0  bands.arff -> 5,6,10,11,9,7,12,3,2,1  breast-cancer.arff -> 9,12,7,6,5,11,1,0,3,10  brest-cancer-wisconsin.arff -> 6,9,11,5,12,2,7,3,4,0  chess.arff -> 9,7,11,10,1,4,0,6,12,2  coil2000.arff -> 6,11,7,5,12,3,9,1,10,8  crx.arff -> 6,11,7,9,12,2,1,5,0,4  german.numer\_scale.arff -> 6,5,12,7,11,9,1,0,2,4  gina\_agnostic.arff -> 11,7,9,6,1,5,4,0,12,2  gina\_prior.arff -> 7,9,11,1,6,4,2,0,10,5  heart.arff -> 5,6,7,12,2,11,9,8,0,1  hepatitis.arff -> 9,12,11,7,6,5,0,3,10,1  hiva\_agnostic.arff -> 7,6,12,9,5,11,2,10,0,4  housevotes.arff -> 11,6,9,5,12,7,2,10,8,4  ijcnn1.arff -> 7,9,1,10,4,0,2,11,12,5  ionosphere.arff -> 9,5,7,11,1,12,6,2,0,10  jm1.arff -> 7,6,9,2,11,12,1,4,0,10  kc1-class-level-binary.arff -> 9,6,7,5,11,12,2,3,1,0  kc3.arff -> 6,7,9,12,5,11,10,3,0,1  labor.arff -> 9,12,7,11,2,3,4,5,6,0  mc1.arff -> 7,10,12,6,5,2,9,1,11,3  mc2.arff -> 7,6,5,12,9,0,11,1,4,3  mw1.arff -> 6,5,11,12,7,2,10,9,0,3  pc1.arff -> 7,12,9,6,11,1,0,3,10,5  pc3.arff -> 7,11,6,9,5,12,1,3,10,0  pc4.arff -> 7,6,11,12,9,1,5,3,0,10  pima-indians-diabetes.arff -> 6,7,5,11,9,12,1,0,2,4  ring.arff -> 5,7,9,1,11,4,0,2,10,12  ringnorm.arff -> 5,7,9,1,4,11,0,2,10,12  saheart.arff -> 6,5,7,12,9,1,2,0,11,4  sonar.arff -> 9,11,7,10,1,6,12,4,5,0  spambase.arff -> 7,9,11,1,6,4,2,5,12,0  spectfheart.arff -> 6,5,11,7,12,1,9,3,0,4  svmguide3.arff -> 6,11,7,5,9,2,12,1,0,4  sylva\_agnostic.arff -> 11,5,6,7,12,2,1,9,3,0  sylva\_prior.arff -> 6,11,7,12,2,9,5,4,1,0  twonorm.arff -> 5,6,7,2,12,11,9,1,0,8  unbalanced.arff -> 6,12,11,5,10,3,9,7,8,0  vote.arff -> 6,11,5,7,12,9,2,10,8,0  wdbc.arff -> 6,9,7,11,12,5,2,4,10,1 |

1. Precision

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| a1a.arff -> 8,3,10,5,2,11,9,7,4,0  ada\_agnostic.arff -> 11,9,7,4,0,1,12,10,6,5  ada\_prior.arff -> 11,9,7,5,4,0,6,1,8,12  agaricus-lepiota.arff -> 10,8,11,9,7,4,0,6,2,1  australian\_scale.arff -> 5,10,3,11,2,9,7,8,4,0  bands.arff -> 11,12,2,4,0,9,6,5,10,1  breast-cancer.arff -> 2,6,5,8,10,11,9,7,4,0  brest-cancer-wisconsin.arff -> 11,9,7,4,0,1,12,2,6,3  chess.arff -> 11,9,7,4,0,5,1,12,8,2  coil2000.arff -> 11,9,7,4,0,10,8,1,6,12  crx.arff -> 11,9,7,6,4,0,1,2,5,12  german.numer\_scale.arff -> 11,9,7,6,4,0,1,2,5,12  gina\_agnostic.arff -> 11,9,7,6,4,0,1,2,3,5  gina\_prior.arff -> 11,9,7,6,4,0,1,2,5,12  heart.arff -> 10,3,11,9,7,8,6,4,0,1  hepatitis.arff -> 11,9,7,6,4,0,1,2,12,3  hiva\_agnostic.arff -> 11,9,7,6,8,4,0,1,2,12  housevotes.arff -> 7,9,11,4,0,1,6,2,12,5  ijcnn1.arff -> 8,10,11,6,3,9,7,5,4,0  ionosphere.arff -> 11,6,9,7,4,0,1,2,5,3  jm1.arff -> 3,11,6,9,7,8,4,5,0,1  kc1-class-level-binary.arff -> 10,3,11,6,9,7,4,5,0,1  kc3.arff -> 11,6,9,7,4,5,0,1,2,12  labor.arff -> 11,6,9,4,5,1,2,7,10,12  mc1.arff -> 10,11,6,9,7,4,5,0,1,2  mc2.arff -> 11,6,9,7,4,5,0,1,2,12  mw1.arff -> 3,8,10,6,11,9,7,4,5,0  pc1.arff -> 10,6,11,9,7,4,5,0,1,2  pc3.arff -> 6,11,9,7,4,5,0,1,2,12  pc4.arff -> 10,8,3,6,11,9,7,4,5,0  pima-indians-diabetes.arff -> 2,11,1,8,0,6,4,7,5,12  ring.arff -> 2,7,0,10,9,1,5,8,4,11  ringnorm.arff -> 4,11,7,5,9,3,1,10,0,8  saheart.arff -> 3,11,7,2,8,6,9,4,5,10  sonar.arff -> 1,6,9,3,10,12,5,7,8,11  spambase.arff -> 7,5,9,4,1,10,6,12,11,2  spectfheart.arff -> 10,0,9,7,11,3,8,6,1,4  svmguide3.arff -> 4,1,9,7,3,5,8,12,11,0  sylva\_agnostic.arff -> 2,6,0,5,4,3,10,9,11,12  sylva\_prior.arff -> 2,6,3,5,7,10,8,9,12,11  twonorm.arff -> 5,7,9,10,11,0,1,4,2,8  unbalanced.arff -> 11,8,1,6,9,4,7,0,2,5  vote.arff -> 6,7,8,0,9,5,2,12,4,1  wdbc.arff -> 7,10,5,8,0,1,9,6,12,4 | a1a.arff -> 7,6,4,8,5,11,1,9,12,0  ada\_agnostic.arff -> 6,11,8,7,9,5,4,1,0,2  ada\_prior.arff -> 8,6,11,4,0,5,7,1,2,12  agaricus-lepiota.arff -> 10,9,0,4,7,1,11,2,12,5  australian\_scale.arff -> 8,5,3,12,6,1,2,4,11,9  bands.arff -> 6,10,5,11,9,7,12,3,2,1  breast-cancer.arff -> 8,6,5,12,0,7,1,11,9,10  brest-cancer-wisconsin.arff -> 3,4,7,2,0,1,6,8,9,11  chess.arff -> 10,9,7,11,4,0,1,6,12,2  coil2000.arff -> 6,9,5,10,7,0,1,2,3,4  crx.arff -> 7,6,12,4,8,2,3,0,11,1  german.numer\_scale.arff -> 8,6,7,11,5,12,0,4,9,1  gina\_agnostic.arff -> 11,7,8,6,9,4,5,1,0,10  gina\_prior.arff -> 7,11,9,10,0,4,1,6,8,2  heart.arff -> 8,5,6,4,12,11,7,1,2,3  hepatitis.arff -> 5,10,0,11,12,1,9,6,7,4  hiva\_agnostic.arff -> 7,4,9,2,6,0,1,11,10,5  housevotes.arff -> 6,11,8,9,10,5,12,3,7,4  ijcnn1.arff -> 10,9,7,0,4,11,1,2,3,6  ionosphere.arff -> 5,9,11,10,7,12,1,2,6,3  jm1.arff -> 1,7,12,9,11,6,4,0,10,2  kc1-class-level-binary.arff -> 2,3,8,9,6,11,4,5,10,7  kc3.arff -> 6,11,5,10,0,1,7,9,2,3  labor.arff -> 2,3,4,7,9,12,11,0,1,5  mc1.arff -> 9,10,7,0,12,4,2,1,11,6  mc2.arff -> 0,1,6,3,12,5,4,7,9,11  mw1.arff -> 7,5,6,12,0,11,1,10,9,4  pc1.arff -> 7,9,11,0,10,5,6,2,1,12  pc3.arff -> 10,9,7,6,0,5,11,3,4,8  pc4.arff -> 11,10,9,7,1,6,12,4,0,5  pima-indians-diabetes.arff -> 6,8,11,7,12,9,5,1,0,4  ring.arff -> 5,7,9,0,1,4,11,10,2,8  ringnorm.arff -> 5,7,9,1,4,0,10,11,8,2  saheart.arff -> 8,12,3,6,1,7,0,9,2,4  sonar.arff -> 10,11,3,9,1,0,7,4,5,12  spambase.arff -> 9,7,11,10,1,0,4,6,2,5  spectfheart.arff -> 6,5,11,7,9,1,10,0,12,4  svmguide3.arff -> 8,11,6,1,0,7,9,5,12,2  sylva\_agnostic.arff -> 7,9,11,4,8,2,6,0,1,5  sylva\_prior.arff -> 6,11,9,7,0,4,8,1,10,2  twonorm.arff -> 5,2,3,4,12,8,0,6,1,7  unbalanced.arff -> 10,0,1,2,3,4,5,6,7,8  vote.arff -> 6,11,8,7,0,9,10,5,1,12  wdbc.arff -> 11,6,9,7,1,10,0,12,4,8 |

1. Recall

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| a1a.arff -> 3,6,5,10,4,2,11,9,7,0  ada\_agnostic.arff -> 11,9,7,0,8,4,12,10,1,3  ada\_prior.arff -> 4,6,5,11,2,9,1,7,0,8  agaricus-lepiota.arff -> 2,4,11,9,10,7,6,0,8,12  australian\_scale.arff -> 2,3,6,1,10,11,9,7,5,0  bands.arff -> 8,12,9,0,5,6,1,2,11,3  breast-cancer.arff -> 5,4,2,6,3,11,9,7,0,8  brest-cancer-wisconsin.arff -> 11,9,7,0,8,12,5,1,2,3  chess.arff -> 11,9,7,8,0,12,5,4,1,6  coil2000.arff -> 2,4,1,11,9,7,8,0,12,5  crx.arff -> 11,6,9,7,8,4,0,12,1,3  german.numer\_scale.arff -> 11,6,9,7,8,4,0,12,1,5  gina\_agnostic.arff -> 11,6,9,7,4,0,12,1,3,5  gina\_prior.arff -> 11,6,9,7,8,4,0,12,1,5  heart.arff -> 11,6,9,7,4,0,3,12,1,10  hepatitis.arff -> 11,6,9,7,0,12,1,5,2,3  hiva\_agnostic.arff -> 11,6,9,7,8,0,12,1,4,2  housevotes.arff -> 7,9,11,6,0,8,1,4,12,10  ijcnn1.arff -> 10,11,6,8,9,7,4,0,12,1  ionosphere.arff -> 11,6,9,7,4,0,12,1,8,2  jm1.arff -> 8,2,5,11,6,9,7,4,3,0  kc1-class-level-binary.arff -> 2,11,6,10,5,8,9,7,4,0  kc3.arff -> 11,6,9,8,7,4,0,1,12,2  labor.arff -> 11,6,9,8,7,4,0,1,12,2  mc1.arff -> 8,11,5,6,9,7,2,4,3,0  mc2.arff -> 2,11,6,9,7,4,0,1,12,10  mw1.arff -> 2,3,5,10,6,11,9,8,7,4  pc1.arff -> 2,5,6,11,9,8,7,4,0,1  pc3.arff -> 6,11,9,7,4,0,1,12,8,3  pc4.arff -> 10,3,5,2,6,11,9,8,7,4  pima-indians-diabetes.arff -> 11,9,8,7,4,0,1,12,2,3  ring.arff -> 5,10,11,9,8,7,4,0,1,12  ringnorm.arff -> 5,10,11,9,8,7,4,0,1,12  saheart.arff -> 11,9,8,7,4,0,1,12,2,3  sonar.arff -> 10,6,5,11,8,9,7,4,12,0  spambase.arff -> 6,10,5,11,8,9,7,4,12,0  spectfheart.arff -> 11,8,9,7,4,10,12,0,1,2  svmguide3.arff -> 5,11,8,9,7,10,4,12,0,1  sylva\_agnostic.arff -> 6,5,11,8,9,7,4,12,0,1  sylva\_prior.arff -> 6,10,5,11,8,9,7,4,12,0  twonorm.arff -> 5,11,8,9,7,4,12,0,1,2  unbalanced.arff -> 11,8,9,7,4,12,0,1,2,3  vote.arff -> 11,8,9,7,4,12,0,1,2,3  wdbc.arff -> 11,8,9,7,5,4,12,0,1,2 | a1a.arff -> 7,4,6,11,8,1,5,12,0,2  ada\_agnostic.arff -> 6,11,8,7,9,5,1,4,0,2  ada\_prior.arff -> 8,6,11,4,0,7,2,1,12,9  agaricus-lepiota.arff -> 10,9,0,4,7,1,11,2,12,6  australian\_scale.arff -> 8,6,5,3,12,1,2,4,11,9  bands.arff -> 6,10,5,11,12,2,3,7,8,1  breast-cancer.arff -> 6,5,0,12,8,7,9,3,2,1  brest-cancer-wisconsin.arff -> 3,4,7,0,1,2,6,8,9,11  chess.arff -> 10,9,7,11,4,0,1,6,12,2  coil2000.arff -> 0,1,2,3,4,8,12,11,6,7  crx.arff -> 7,6,12,4,2,0,8,11,1,9  german.numer\_scale.arff -> 6,7,5,11,12,4,2,0,9,8  gina\_agnostic.arff -> 11,7,6,8,9,4,1,0,5,10  gina\_prior.arff -> 7,11,9,10,0,4,1,6,8,2  heart.arff -> 8,5,6,4,12,11,7,1,2,3  hepatitis.arff -> 5,10,12,0,1,7,8,9,4,2  hiva\_agnostic.arff -> 4,7,9,2,6,0,1,3,8,12  housevotes.arff -> 6,11,8,9,10,5,12,7,3,4  ijcnn1.arff -> 10,9,7,0,4,11,1,2,3,6  ionosphere.arff -> 5,9,11,7,10,1,12,2,6,0  jm1.arff -> 1,7,11,6,4,0,12,9,2,3  kc1-class-level-binary.arff -> 6,9,11,2,3,5,4,10,7,0  kc3.arff -> 2,3,4,6,8,7,0,11,1,12  labor.arff -> 2,3,4,7,9,12,0,1,11,5  mc1.arff -> 9,0,7,10,4,1,2,11,12,3  mc2.arff -> 0,1,6,3,12,5,4,7,9,2  mw1.arff -> 7,8,3,6,12,0,4,1,2,11  pc1.arff -> 7,9,11,3,8,0,2,6,12,4  pc3.arff -> 3,4,8,1,2,9,6,7,12,11  pc4.arff -> 2,3,8,12,11,1,6,4,9,7  pima-indians-diabetes.arff -> 6,7,11,12,9,5,8,1,0,4  ring.arff -> 5,7,9,0,1,4,11,10,2,8  ringnorm.arff -> 5,7,9,1,4,0,10,11,2,8  saheart.arff -> 12,6,1,7,0,3,9,2,4,5  sonar.arff -> 10,11,9,1,4,7,0,5,6,12  spambase.arff -> 9,7,11,10,1,0,4,6,2,5  spectfheart.arff -> 6,7,11,9,2,3,8,12,0,1  svmguide3.arff -> 11,6,1,0,7,5,2,9,12,4  sylva\_agnostic.arff -> 7,9,11,4,8,2,6,0,1,5  sylva\_prior.arff -> 6,11,9,7,0,8,4,1,10,2  twonorm.arff -> 5,2,3,4,12,0,8,6,1,7  unbalanced.arff -> 0,1,2,3,4,5,6,7,8,11  vote.arff -> 6,11,8,7,0,9,10,1,5,12  wdbc.arff -> 11,6,9,7,0,1,10,4,12,5 |

1. FMeasure

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| a1a.arff -> 8,10,5,11,9,7,4,6,0,1  ada\_agnostic.arff -> 11,9,7,4,6,0,1,5,12,2  ada\_prior.arff -> 11,9,7,6,4,0,1,5,12,2  agaricus-lepiota.arff -> 10,8,5,11,9,7,6,4,0,1  australian\_scale.arff -> 8,10,3,5,11,9,7,6,4,0  bands.arff -> 11,12,6,5,7,2,10,9,4,0  breast-cancer.arff -> 8,11,9,7,5,6,4,0,3,1  brest-cancer-wisconsin.arff -> 11,9,7,6,4,0,1,12,2,10  chess.arff -> 11,9,6,7,4,0,1,2,12,8  coil2000.arff -> 11,9,6,7,4,0,1,2,12,8  crx.arff -> 11,9,6,7,4,0,1,5,2,12  german.numer\_scale.arff -> 11,9,6,7,4,0,1,5,2,12  gina\_agnostic.arff -> 11,9,6,7,4,0,1,5,2,12  gina\_prior.arff -> 11,9,6,7,4,0,1,5,2,12  heart.arff -> 11,9,10,6,7,4,0,1,5,2  hepatitis.arff -> 8,11,9,6,7,4,0,5,2,3  hiva\_agnostic.arff -> 11,9,6,7,4,0,5,2,3,1  housevotes.arff -> 9,7,11,4,0,6,2,5,3,10  ijcnn1.arff -> 12,8,10,1,11,6,9,7,4,0  ionosphere.arff -> 11,6,9,7,4,5,2,3,1,8  jm1.arff -> 10,12,8,1,11,6,9,7,4,0  kc1-class-level-binary.arff -> 1,10,12,11,6,8,9,7,4,0  kc3.arff -> 11,6,9,7,4,0,5,2,3,1  labor.arff -> 11,6,9,4,5,2,3,7,0,10  mc1.arff -> 10,11,6,1,9,7,4,0,5,2  mc2.arff -> 11,6,9,7,4,0,12,5,2,3  mw1.arff -> 12,1,8,10,11,6,9,7,4,0  pc1.arff -> 8,1,12,6,11,10,9,7,4,0  pc3.arff -> 6,11,8,9,7,4,0,5,2,3  pc4.arff -> 8,10,1,12,6,11,9,7,4,0  pima-indians-diabetes.arff -> 6,11,4,1,8,5,7,9,2,0  ring.arff -> 2,7,10,0,9,6,11,4,1,8  ringnorm.arff -> 7,4,9,10,0,11,1,8,5,2  saheart.arff -> 11,0,1,8,5,3,7,6,9,4  sonar.arff -> 9,10,2,4,12,6,7,0,3,11  spambase.arff -> 2,9,6,4,0,12,7,11,3,10  spectfheart.arff -> 7,6,4,11,0,1,5,8,12,9  svmguide3.arff -> 0,6,10,7,11,12,4,1,5,8  sylva\_agnostic.arff -> 4,6,12,0,2,9,7,11,10,1  sylva\_prior.arff -> 10,9,4,7,3,6,12,0,2,5  twonorm.arff -> 10,9,5,4,7,11,0,1,8,2  unbalanced.arff -> 11,0,1,8,7,6,4,10,3,12  vote.arff -> 11,1,8,9,7,4,2,3,5,6  wdbc.arff -> 11,1,8,9,5,2,7,6,4,12 | a1a.arff -> 7,6,11,5,4,1,9,0,12,8  ada\_agnostic.arff -> 6,11,7,9,4,5,0,8,1,12  ada\_prior.arff -> 6,11,8,4,7,0,1,5,2,12  agaricus-lepiota.arff -> 10,9,0,7,4,1,11,2,12,6  australian\_scale.arff -> 6,8,3,12,5,1,2,4,11,9  bands.arff -> 10,6,5,11,9,7,3,12,1,0  breast-cancer.arff -> 6,5,12,7,0,1,11,9,10,2  brest-cancer-wisconsin.arff -> 3,4,7,2,0,1,6,8,9,11  chess.arff -> 10,9,7,11,4,0,1,6,12,2  coil2000.arff -> 9,6,0,1,2,3,4,8,12,7  crx.arff -> 7,6,12,4,2,0,11,1,9,8  german.numer\_scale.arff -> 6,11,7,5,12,0,4,9,2,1  gina\_agnostic.arff -> 11,7,6,8,9,4,1,0,5,10  gina\_prior.arff -> 7,11,9,10,0,4,1,6,8,2  heart.arff -> 8,6,5,4,12,11,7,1,9,2  hepatitis.arff -> 5,10,12,0,1,9,11,7,6,4  hiva\_agnostic.arff -> 9,4,7,11,0,1,2,6,10,3  housevotes.arff -> 6,11,8,9,10,5,12,7,3,4  ijcnn1.arff -> 10,9,7,0,4,1,11,2,3,6  ionosphere.arff -> 5,9,11,7,10,1,12,2,6,0  jm1.arff -> 9,7,5,10,4,11,1,2,6,0  kc1-class-level-binary.arff -> 9,6,11,2,3,4,10,7,5,0  kc3.arff -> 11,6,5,0,10,1,7,2,3,4  labor.arff -> 2,3,4,7,9,12,11,0,1,5  mc1.arff -> 9,10,0,7,1,4,2,11,12,6  mc2.arff -> 0,1,6,3,12,5,4,7,9,11  mw1.arff -> 7,5,6,12,0,11,1,9,4,8  pc1.arff -> 9,11,0,7,10,6,5,1,12,2  pc3.arff -> 9,10,7,0,5,6,11,3,4,8  pc4.arff -> 11,10,9,7,1,6,0,4,5,12  pima-indians-diabetes.arff -> 6,7,11,12,5,9,1,0,4,3  ring.arff -> 5,7,9,0,1,4,11,10,2,8  ringnorm.arff -> 5,7,9,1,4,0,10,11,2,8  saheart.arff -> 12,6,3,1,7,0,2,4,5,9  sonar.arff -> 10,11,9,7,1,4,0,5,6,12  spambase.arff -> 9,7,11,10,1,0,4,6,2,5  spectfheart.arff -> 6,11,7,9,1,0,10,5,12,4  svmguide3.arff -> 11,9,5,0,7,1,6,2,4,12  sylva\_agnostic.arff -> 7,9,11,4,8,2,6,0,1,5  sylva\_prior.arff -> 6,11,9,7,0,8,4,1,10,2  twonorm.arff -> 5,2,3,4,12,0,8,6,1,7  unbalanced.arff -> 0,1,2,3,4,5,6,7,8,11  vote.arff -> 6,11,8,7,0,9,10,5,1,12  wdbc.arff -> 11,6,9,7,1,0,10,4,12,5 |

1. TPRate

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| a1a.arff -> 3,6,5,10,4,2,11,9,7,0  ada\_agnostic.arff -> 11,9,7,0,8,4,12,10,1,3  ada\_prior.arff -> 4,6,5,11,2,9,1,7,0,8  agaricus-lepiota.arff -> 2,4,11,9,10,7,6,0,8,12  australian\_scale.arff -> 2,3,6,1,10,11,9,7,5,0  bands.arff -> 8,12,9,0,5,6,1,2,11,3  breast-cancer.arff -> 5,4,2,6,3,11,9,7,0,8  brest-cancer-wisconsin.arff -> 11,9,7,0,8,12,5,1,2,3  chess.arff -> 11,9,7,8,0,12,5,4,1,6  coil2000.arff -> 2,4,1,11,9,7,8,0,12,5  crx.arff -> 11,6,9,7,8,4,0,12,1,3  german.numer\_scale.arff -> 11,6,9,7,8,4,0,12,1,5  gina\_agnostic.arff -> 11,6,9,7,4,0,12,1,3,5  gina\_prior.arff -> 11,6,9,7,8,4,0,12,1,5  heart.arff -> 11,6,9,7,4,0,3,12,1,10  hepatitis.arff -> 11,6,9,7,0,12,1,5,2,3  hiva\_agnostic.arff -> 11,6,9,7,8,0,12,1,4,2  housevotes.arff -> 7,9,11,6,0,8,1,4,12,10  ijcnn1.arff -> 10,11,6,8,9,7,4,0,12,1  ionosphere.arff -> 11,6,9,7,4,0,12,1,8,2  jm1.arff -> 8,2,5,11,6,9,7,4,3,0  kc1-class-level-binary.arff -> 2,11,6,10,5,8,9,7,4,0  kc3.arff -> 11,6,9,8,7,4,0,1,12,2  labor.arff -> 11,6,9,8,7,4,0,1,12,2  mc1.arff -> 8,11,5,6,9,7,2,4,3,0  mc2.arff -> 2,11,6,9,7,4,0,1,12,10  mw1.arff -> 2,3,5,10,6,11,9,8,7,4  pc1.arff -> 2,5,6,11,9,8,7,4,0,1  pc3.arff -> 6,11,9,7,4,0,1,12,8,3  pc4.arff -> 10,3,5,2,6,11,9,8,7,4  pima-indians-diabetes.arff -> 11,9,8,7,4,0,1,12,2,3  ring.arff -> 5,10,11,9,8,7,4,0,1,12  ringnorm.arff -> 5,10,11,9,8,7,4,0,1,12  saheart.arff -> 11,9,8,7,4,0,1,12,2,3  sonar.arff -> 10,6,5,11,8,9,7,4,12,0  spambase.arff -> 6,10,5,11,8,9,7,4,12,0  spectfheart.arff -> 11,8,9,7,4,10,12,0,1,2  svmguide3.arff -> 5,11,8,9,7,10,4,12,0,1  sylva\_agnostic.arff -> 6,5,11,8,9,7,4,12,0,1  sylva\_prior.arff -> 6,10,5,11,8,9,7,4,12,0  twonorm.arff -> 5,11,8,9,7,4,12,0,1,2  unbalanced.arff -> 11,8,9,7,4,12,0,1,2,3  vote.arff -> 11,8,9,7,4,12,0,1,2,3  wdbc.arff -> 11,8,9,7,5,4,12,0,1,2 | a1a.arff -> 7,4,6,11,8,1,5,12,0,2  ada\_agnostic.arff -> 6,11,8,7,9,5,1,4,0,2  ada\_prior.arff -> 8,6,11,4,0,7,2,1,12,9  agaricus-lepiota.arff -> 10,9,0,4,7,1,11,2,12,6  australian\_scale.arff -> 8,6,5,3,12,1,2,4,11,9  bands.arff -> 6,10,5,11,12,2,3,7,8,1  breast-cancer.arff -> 6,5,0,12,8,7,9,3,2,1  brest-cancer-wisconsin.arff -> 3,4,7,0,1,2,6,8,9,11  chess.arff -> 10,9,7,11,4,0,1,6,12,2  coil2000.arff -> 0,1,2,3,4,8,12,11,6,7  crx.arff -> 7,6,12,4,2,0,8,11,1,9  german.numer\_scale.arff -> 6,7,5,11,12,4,2,0,9,8  gina\_agnostic.arff -> 11,7,6,8,9,4,1,0,5,10  gina\_prior.arff -> 7,11,9,10,0,4,1,6,8,2  heart.arff -> 8,5,6,4,12,11,7,1,2,3  hepatitis.arff -> 5,10,12,0,1,7,8,9,4,2  hiva\_agnostic.arff -> 4,7,9,2,6,0,1,3,8,12  housevotes.arff -> 6,11,8,9,10,5,12,7,3,4  ijcnn1.arff -> 10,9,7,0,4,11,1,2,3,6  ionosphere.arff -> 5,9,11,7,10,1,12,2,6,0  jm1.arff -> 1,7,11,6,4,0,12,9,2,3  kc1-class-level-binary.arff -> 6,9,11,2,3,5,4,10,7,0  kc3.arff -> 2,3,4,6,8,7,0,11,1,12  labor.arff -> 2,3,4,7,9,12,0,1,11,5  mc1.arff -> 9,0,7,10,4,1,2,11,12,3  mc2.arff -> 0,1,6,3,12,5,4,7,9,2  mw1.arff -> 7,8,3,6,12,0,4,1,2,11  pc1.arff -> 7,9,11,3,8,0,2,6,12,4  pc3.arff -> 3,4,8,1,2,9,6,7,12,11  pc4.arff -> 2,3,8,12,11,1,6,4,9,7  pima-indians-diabetes.arff -> 6,7,11,12,9,5,8,1,0,4  ring.arff -> 5,7,9,0,1,4,11,10,2,8  ringnorm.arff -> 5,7,9,1,4,0,10,11,2,8  saheart.arff -> 12,6,1,7,0,3,9,2,4,5  sonar.arff -> 10,11,9,1,4,7,0,5,6,12  spambase.arff -> 9,7,11,10,1,0,4,6,2,5  spectfheart.arff -> 6,7,11,9,2,3,8,12,0,1  svmguide3.arff -> 11,6,1,0,7,5,2,9,12,4  sylva\_agnostic.arff -> 7,9,11,4,8,2,6,0,1,5  sylva\_prior.arff -> 6,11,9,7,0,8,4,1,10,2  twonorm.arff -> 5,2,3,4,12,0,8,6,1,7  unbalanced.arff -> 0,1,2,3,4,5,6,7,8,11  vote.arff -> 6,11,8,7,0,9,10,1,5,12  wdbc.arff -> 11,6,9,7,0,1,10,4,12,5 |

1. TNRate

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| a1a.arff -> 11,4,3,7,12,0,5,10,6,1  ada\_agnostic.arff -> 10,9,11,5,7,0,6,8,3,12  ada\_prior.arff -> 5,11,10,9,0,7,2,6,3,1  agaricus-lepiota.arff -> 10,6,5,0,1,11,9,4,3,8  australian\_scale.arff -> 10,11,9,1,2,4,12,0,8,7  bands.arff -> 7,6,4,2,9,1,11,12,0,8  breast-cancer.arff -> 7,9,6,3,10,5,12,0,4,11  brest-cancer-wisconsin.arff -> 6,9,11,12,10,1,8,5,2,7  chess.arff -> 9,6,2,10,4,3,11,7,12,0  coil2000.arff -> 6,10,11,3,5,2,1,8,9,7  crx.arff -> 7,9,6,10,12,11,1,5,3,4  german.numer\_scale.arff -> 9,2,11,10,1,12,5,7,0,6  gina\_agnostic.arff -> 2,4,8,11,5,7,12,9,10,1  gina\_prior.arff -> 10,4,1,11,5,12,9,7,0,6  heart.arff -> 9,4,10,2,0,1,11,7,5,12  hepatitis.arff -> 4,2,3,9,5,12,10,6,1,7  hiva\_agnostic.arff -> 7,4,0,1,10,9,5,8,2,3  housevotes.arff -> 7,11,6,0,10,9,1,3,8,2  ijcnn1.arff -> 9,3,5,0,1,7,12,11,6,4  ionosphere.arff -> 0,10,9,5,7,1,12,11,2,6  jm1.arff -> 9,5,6,7,11,0,10,4,2,1  kc1-class-level-binary.arff -> 5,7,0,1,11,10,2,9,12,6  kc3.arff -> 9,7,12,6,3,0,4,11,1,2  labor.arff -> 11,1,9,0,7,12,6,5,3,10  mc1.arff -> 10,11,6,0,5,1,7,9,12,3  mc2.arff -> 10,9,6,4,3,0,7,2,5,8  mw1.arff -> 4,2,9,8,7,3,1,0,11,6  pc1.arff -> 10,8,9,0,5,2,11,7,4,6  pc3.arff -> 10,9,5,4,0,11,2,1,3,7  pc4.arff -> 2,12,4,0,10,9,8,11,1,5  pima-indians-diabetes.arff -> 1,4,5,8,3,2,12,10,11,9  ring.arff -> 1,5,4,12,2,3,8,10,11,9  ringnorm.arff -> 0,4,5,2,1,8,12,6,3,10  saheart.arff -> 6,3,10,11,9,7,0,12,2,8  sonar.arff -> 5,12,4,10,8,11,9,6,7,1  spambase.arff -> 3,8,5,12,4,2,10,11,9,6  spectfheart.arff -> 1,4,12,2,8,10,11,9,6,5  svmguide3.arff -> 5,4,8,6,12,1,2,3,10,11  sylva\_agnostic.arff -> 5,8,12,1,2,4,10,11,9,6  sylva\_prior.arff -> 6,5,4,3,0,12,2,1,8,10  twonorm.arff -> 5,4,12,8,1,2,3,10,11,9  unbalanced.arff -> 1,10,5,11,4,12,2,9,6,3  vote.arff -> 3,5,1,4,12,10,2,11,9,6  wdbc.arff -> 5,10,11,9,7,0,6,4,12,1 | a1a.arff -> 5,9,6,7,11,10,0,1,4,12  ada\_agnostic.arff -> 6,7,10,11,4,5,9,0,12,1  ada\_prior.arff -> 5,1,12,7,6,4,11,0,2,10  agaricus-lepiota.arff -> 10,9,0,7,4,1,11,2,12,6  australian\_scale.arff -> 3,1,12,2,6,4,8,5,9,11  bands.arff -> 10,6,9,11,5,7,3,12,0,1  breast-cancer.arff -> 12,6,5,1,11,7,10,0,9,2  brest-cancer-wisconsin.arff -> 3,4,7,2,0,1,11,9,6,5  chess.arff -> 10,9,11,7,4,0,1,6,12,2  coil2000.arff -> 10,5,9,6,7,0,1,2,3,4  crx.arff -> 6,7,2,4,12,1,9,11,0,8  german.numer\_scale.arff -> 1,0,9,6,11,7,10,12,5,4  gina\_agnostic.arff -> 11,7,6,8,9,4,1,0,5,10  gina\_prior.arff -> 7,11,9,10,0,4,1,6,8,2  heart.arff -> 8,6,5,4,12,11,1,7,9,2  hepatitis.arff -> 11,10,0,5,12,1,6,9,7,4  hiva\_agnostic.arff -> 5,10,9,4,11,7,0,1,2,6  housevotes.arff -> 6,11,8,9,10,5,12,3,7,4  ijcnn1.arff -> 10,9,0,4,7,1,11,2,3,6  ionosphere.arff -> 5,9,11,7,1,0,2,10,12,4  jm1.arff -> 10,9,5,7,4,11,2,1,6,0  kc1-class-level-binary.arff -> 2,3,9,4,11,6,0,1,10,7  kc3.arff -> 5,10,11,6,9,0,1,7,2,3  labor.arff -> 2,3,4,7,9,12,11,0,1,5  mc1.arff -> 10,5,9,0,1,7,4,2,11,12  mc2.arff -> 0,1,3,6,12,11,5,7,4,9  mw1.arff -> 5,10,11,7,6,12,0,1,9,4  pc1.arff -> 10,5,9,0,11,1,7,12,6,4  pc3.arff -> 10,9,5,7,0,6,11,3,4,8  pc4.arff -> 10,11,7,9,0,6,1,4,5,12  pima-indians-diabetes.arff -> 11,6,7,1,12,5,0,3,9,10  ring.arff -> 5,7,9,0,1,4,11,10,2,8  ringnorm.arff -> 5,7,9,1,4,0,10,11,2,8  saheart.arff -> 3,12,6,0,7,1,2,5,4,9  sonar.arff -> 10,11,9,1,7,0,4,3,5,12  spambase.arff -> 9,7,10,11,1,0,4,5,6,2  spectfheart.arff -> 5,11,6,10,1,9,7,0,4,12  svmguide3.arff -> 9,11,5,10,7,0,2,1,4,6  sylva\_agnostic.arff -> 3,5,11,12,7,1,9,4,2,6  sylva\_prior.arff -> 6,11,7,0,9,3,4,10,8,1  twonorm.arff -> 5,2,3,4,12,0,8,6,1,7  unbalanced.arff -> 10,0,1,2,3,4,5,6,7,8  vote.arff -> 6,8,11,7,0,10,5,9,3,12  wdbc.arff -> 11,6,9,7,1,0,10,4,12,5 |

1. FPRate

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| a1a.arff -> 3,6,9,7,11,8,5,1,12,4  ada\_agnostic.arff -> 2,8,1,4,12,3,6,0,11,10  ada\_prior.arff -> 2,4,8,0,1,12,11,10,3,9  agaricus-lepiota.arff -> 8,0,9,10,3,12,5,2,6,1  australian\_scale.arff -> 12,3,4,5,6,7,8,2,11,1  bands.arff -> 5,3,8,6,0,7,1,10,12,4  breast-cancer.arff -> 3,8,5,2,6,9,12,7,0,4  brest-cancer-wisconsin.arff -> 2,4,1,8,10,12,11,3,9,6  chess.arff -> 3,6,7,12,8,4,11,5,1,10  coil2000.arff -> 8,0,12,3,10,6,1,7,5,4  crx.arff -> 8,4,0,9,3,10,12,5,2,6  german.numer\_scale.arff -> 3,8,5,6,2,1,11,7,10,12  gina\_agnostic.arff -> 3,5,2,6,1,11,7,10,0,8  gina\_prior.arff -> 8,3,9,12,4,5,0,2,6,1  heart.arff -> 3,5,2,6,1,11,7,9,8,0  hepatitis.arff -> 3,9,0,8,2,11,10,5,4,7  hiva\_agnostic.arff -> 7,5,1,6,3,2,0,4,9,11  housevotes.arff -> 8,4,12,6,2,9,3,7,5,10  ijcnn1.arff -> 8,10,7,11,6,1  ionosphere.arff -> 3,7,11,4,0,1,9,2,10,6  jm1.arff -> 3,2,12,4,7,0,1,11,5,10  kc1-class-level-binary.arff -> 2,7,1,12,4,8,3,6,11,0  kc3.arff -> 11,8,3,6,0,12,10,5,2,1  labor.arff -> 4,2,5,8,3,12,0,7,11,1  mc1.arff -> 4,3,2,0,6,1,12,11,7,9  mc2.arff -> 9,2,4,12,6,7,1,10,11,3  mw1.arff -> 7,11,12,6,4,2,1,8,0,9  pc1.arff -> 3,12,6,7,1,4,2,11,0,5  pc3.arff -> 0,6,2,9,11,12,3,4,10,7  pc4.arff -> 3,12,0,11,9,6,5,1,8,7  pima-indians-diabetes.arff -> 0,7,6,9,11,10,12,5,3,8  ring.arff -> 0,7,6,9,11,10,3,2,8,12  ringnorm.arff -> 0,7,6,9,11,10,1,12,3,8  saheart.arff -> 1,2,4,5,0,8,12,7,6,9  sonar.arff -> 5,3,1,0,7,6,9,11,4,10  spambase.arff -> 3,5,0,7,6,9,2,11,10,4  spectfheart.arff -> 5,3,0,7,6,9,11,10,2,8  svmguide3.arff -> 3,0,7,6,9,11,10,2,12,8  sylva\_agnostic.arff -> 3,0,8,7,6,9,11,5,12,10  sylva\_prior.arff -> 0,7,6,9,11,10,1,8,12,2  twonorm.arff -> 0,7,6,9,11,10,12,8,3,4  unbalanced.arff -> 3,8,9,10,4,2,0,12,7,11  vote.arff -> 8,0,7,6,9,4,12,2,10,5  wdbc.arff -> 3,2,1,4,8,12,11,5,0,7 | a1a.arff -> 3,8,2,12,4,1,0,10,11,7  ada\_agnostic.arff -> 3,8,2,1,12,0,9,5,4,11  ada\_prior.arff -> 3,8,9,10,2,0,11,4,6,7  agaricus-lepiota.arff -> 3,8,5,6,12,2,11,1,4,7  australian\_scale.arff -> 10,7,0,11,9,5,8,4,6,2  bands.arff -> 8,4,2,1,0,12,3,7,5,11  breast-cancer.arff -> 8,3,4,2,9,0,10,7,11,1  brest-cancer-wisconsin.arff -> 10,12,8,5,6,9,11,0,1,2  chess.arff -> 3,5,8,2,12,6,1,0,4,7  coil2000.arff -> 11,0,1,2,3,4,8,12,7,6  crx.arff -> 10,5,3,8,0,11,1,9,12,4  german.numer\_scale.arff -> 3,8,2,4,5,12,10,7,11,6  gina\_agnostic.arff -> 3,2,12,10,5,0,1,4,9,8  gina\_prior.arff -> 3,12,5,2,8,6,1,4,0,10  heart.arff -> 10,0,2,3,9,7,1,11,12,4  hepatitis.arff -> 2,3,8,4,7,9,6,1,12,5  hiva\_agnostic.arff -> 3,8,12,6,2,1,0,7,11,4  housevotes.arff -> 1,0,2,4,7,3,5,12,10,9  ijcnn1.arff -> 5,3,6,8,12,2,11,1,7,4  ionosphere.arff -> 8,3,6,4,12,10,2,0,1,7  jm1.arff -> 3,8,12,0,6,1,2,11,4,7  kc1-class-level-binary.arff -> 8,12,5,7,10,0,1,6,11,4  kc3.arff -> 12,2,3,4,8,7,1,0,9,6  labor.arff -> 8,10,6,5,0,1,11,12,2,3  mc1.arff -> 3,8,6,12,11,2,4,7,1,0  mc2.arff -> 8,2,10,9,4,7,5,11,12,6  mw1.arff -> 2,3,8,4,9,1,0,6,12,7  pc1.arff -> 3,8,2,4,6,12,7,1,11,0  pc3.arff -> 12,2,1,3,4,8,11,6,0,7  pc4.arff -> 2,3,8,12,5,4,1,6,0,9  pima-indians-diabetes.arff -> 8,2,4,10,9,3,0,5,12,1  ring.arff -> 3,6,12,8,2,10,11,4,1,0  ringnorm.arff -> 3,6,12,8,2,11,10,0,4,1  saheart.arff -> 8,11,10,9,4,5,2,1,7,0  sonar.arff -> 8,2,6,12,5,3,4,0,7,1  spambase.arff -> 8,3,12,2,6,5,4,0,1,11  spectfheart.arff -> 2,3,8,12,4,0,7,9,1,10  svmguide3.arff -> 8,3,12,6,4,1,2,0,7,10  sylva\_agnostic.arff -> 8,10,0,6,2,4,9,1,7,12  sylva\_prior.arff -> 12,2,5,1,8,10,4,3,9,0  twonorm.arff -> 10,11,9,7,1,6,8,0,2,3  unbalanced.arff -> 9,0,1,2,3,4,5,6,7,8  vote.arff -> 4,2,1,12,3,9,5,10,0,7  wdbc.arff -> 8,2,3,5,12,4,10,0,1,7 |

1. FNRate

|  |  |
| --- | --- |
| a1a.arff -> 12,1,0,7,9,11,8,4,5,6  ada\_agnostic.arff -> 1,5,2,3,8,12,0,7,4,9  ada\_prior.arff -> 10,12,1,0,7,9,2,11,8,5  agaricus-lepiota.arff -> 3,12,1,0,7,5,9,11,8,2  australian\_scale.arff -> 12,5,0,2,4,7,9,11,1,8  bands.arff -> 4,0,3,9,11,1,8,10,2,7  breast-cancer.arff -> 6,12,0,7,1,9,11,4,10,3  brest-cancer-wisconsin.arff -> 5,10,8,6,4,3,2,12,0,1  chess.arff -> 3,6,4,8,2,10,1,5,12,0  coil2000.arff -> 10,3,12,0,2,7,9,5,1,11  crx.arff -> 10,8,5,3,2,1,12,0,4,7  german.numer\_scale.arff -> 10,8,5,6,3,2,1,12,0,4  gina\_agnostic.arff -> 10,5,6,8,3,2,1,12,0,4  gina\_prior.arff -> 8,5,10,3,2,1,12,0,4,7  heart.arff -> 5,3,2,8,1,12,0,4,7,9  hepatitis.arff -> 10,8,5,2,3,6,1,12,0,4  hiva\_agnostic.arff -> 8,10,2,5,3,1,12,0,4,7  housevotes.arff -> 8,6,10,3,5,2,12,1,0,4  ijcnn1.arff -> 3,5,2,12,1,0,10,4,7,9  ionosphere.arff -> 10,3,5,8,6,2,1,12,0,4  jm1.arff -> 3,10,5,2,1,12,0,4,7,9  kc1-class-level-binary.arff -> 2,1,12,0,4,7,9,10,11,5  kc3.arff -> 8,10,12,3,6,5,2,1,0,4  labor.arff -> 9,12,7,10,8,3,5,2,1,0  mc1.arff -> 5,12,6,2,1,0,4,7,9,10  mc2.arff -> 3,10,8,5,2,12,1,0,4,7  mw1.arff -> 2,12,1,0,4,7,9,8,11,6  pc1.arff -> 10,2,12,1,0,4,7,9,11,6  pc3.arff -> 10,8,3,2,12,1,0,4,7,9  pc4.arff -> 2,12,1,0,4,7,9,11,5,3  pima-indians-diabetes.arff -> 10,3,5,2,12,1,0,4,7,8  ring.arff -> 10,3,2,12,1,0,4,7,8,9  ringnorm.arff -> 3,2,5,12,1,0,4,7,8,9  saheart.arff -> 10,3,5,2,12,1,0,4,7,8  sonar.arff -> 3,2,1,0,12,4,7,9,8,11  spambase.arff -> 3,10,2,1,0,12,4,7,9,8  spectfheart.arff -> 10,3,5,2,1,0,12,4,7,9  svmguide3.arff -> 3,5,2,1,0,12,4,7,9,8  sylva\_agnostic.arff -> 3,5,2,1,0,12,4,7,9,8  sylva\_prior.arff -> 3,5,2,1,0,12,4,7,9,8  twonorm.arff -> 3,5,2,1,0,12,4,10,7,9  unbalanced.arff -> 10,3,5,2,1,0,12,4,7,9  vote.arff -> 10,3,5,2,1,0,12,4,7,9  wdbc.arff -> 10,3,5,2,1,0,12,4,7,9 | a1a.arff -> 3,10,9,2,0,12,5,1,8,11  ada\_agnostic.arff -> 3,10,12,2,0,4,1,5,9,7  ada\_prior.arff -> 3,10,5,9,12,1,2,7,0,4  agaricus-lepiota.arff -> 3,8,5,6,12,2,11,1,4,7  australian\_scale.arff -> 10,7,0,9,11,4,2,1,3,12  bands.arff -> 0,4,9,1,2,3,7,8,12,11  breast-cancer.arff -> 10,4,11,1,2,3,9,7,8,12  brest-cancer-wisconsin.arff -> 5,12,10,11,9,0,1,2,6,8  chess.arff -> 3,5,8,2,12,6,1,0,4,11  coil2000.arff -> 10,5,9,7,6,11,0,1,2,3  crx.arff -> 10,5,3,1,9,8,11,0,2,4  german.numer\_scale.arff -> 10,1,3,8,9,0,2,4,12,5  gina\_agnostic.arff -> 3,12,2,10,0,5,1,4,9,8  gina\_prior.arff -> 3,12,5,2,8,6,1,4,0,10  heart.arff -> 10,0,2,3,9,1,7,11,12,4  hepatitis.arff -> 2,3,6,11,4,0,1,7,8,9  hiva\_agnostic.arff -> 5,10,11,3,8,12,1,0,6,2  housevotes.arff -> 1,0,2,4,3,7,5,12,10,9  ijcnn1.arff -> 5,3,6,8,12,2,1,11,4,0  ionosphere.arff -> 8,3,4,0,6,2,12,1,7,10  jm1.arff -> 10,5,3,8,2,9,0,12,4,6  kc1-class-level-binary.arff -> 8,12,0,1,7,4,10,2,3,5  kc3.arff -> 10,5,9,12,1,0,11,7,2,3  labor.arff -> 8,10,6,5,0,1,11,2,3,4  mc1.arff -> 5,3,6,8,12,11,1,2,4,10  mc2.arff -> 10,11,8,2,9,7,4,5,3,12  mw1.arff -> 10,9,5,11,1,2,0,4,3,6  pc1.arff -> 5,10,1,4,12,6,2,0,3,8  pc3.arff -> 5,10,0,11,12,6,7,2,9,1  pc4.arff -> 10,0,5,7,4,9,6,1,11,12  pima-indians-diabetes.arff -> 3,10,2,4,0,1,8,5,9,12  ring.arff -> 3,6,12,8,2,10,11,4,1,0  ringnorm.arff -> 3,6,12,8,2,11,10,0,4,1  saheart.arff -> 10,11,8,5,2,4,3,9,0,7  sonar.arff -> 2,3,8,12,5,6,0,1,4,7  spambase.arff -> 8,3,12,5,2,6,4,0,1,10  spectfheart.arff -> 5,10,4,1,0,12,2,3,8,9  svmguide3.arff -> 10,3,8,4,12,2,9,5,7,0  sylva\_agnostic.arff -> 3,12,10,5,1,0,6,2,8,4  sylva\_prior.arff -> 5,3,12,2,10,1,4,8,0,7  twonorm.arff -> 10,11,9,1,7,6,0,8,2,3  unbalanced.arff -> 10,9,0,1,2,3,4,5,6,7  vote.arff -> 3,4,2,12,1,5,10,9,0,7  wdbc.arff -> 2,3,8,5,4,12,0,1,10,7 |

Total 13 algorithms ( 0-12 ) top 10 ranking presented and compared on different performance measures.