

: SimRoeMetz

Arrays : Arrays

Integer : Integer

Double : Double

InputFileStat : InputFile

DBRecordStat : DBRecord

1: doSim(tempDBRecord : DBRecord) : void

1.1: fillGaussian(scalar : double = Math.sqrt(scoreVariances[0]), Nreader2 : long = Nreader) : double[]

1.2: fillGaussian(scalar : double = Math.sqrt(scoreVariances[1]), Nreader2 : long = Nnormal) : double[]

1.3: fillGaussian(scalar : double = Math.sqrt(scoreVariances[2]), Nreader2 : long = Nreader, Nnormal2 : long = Nnormal) : double[][]

1.4: fillGaussian(scalar : double = Math.sqrt(scoreVariances[3]), Nreader2 : long = Nreader) : double[]

1.5: fillGaussian(scalar : double = Math.sqrt(scoreVariances[4]), Nreader2 : long = Ndisease) : double[]

1.6: fillGaussian(scalar : double = Math.sqrt(scoreVariances[5]), Nreader2 : long = Nreader, Nnormal2 : long = Ndisease) : double[][]

1.7: fillGaussian(scalar : double = Math.sqrt(scoreVariances[6]), Nreader2 : long = Nreader) : double[]

1.8: fillGaussian(scalar : double = Math.sqrt(scoreVariances[7]), Nreader2 : long = Nnormal) : double[]

1.9: fillGaussian(scalar : double = Math.sqrt(scoreVariances[8]), Nreader2 : long = Nreader, Nnormal2 : long = Nnormal) : double[][]

1.10: fillGaussian(scalar : double = Math.sqrt(scoreVariances[9]), Nreader2 : long = Nreader) : double[]

1.11: fillGaussian(scalar : double = Math.sqrt(scoreVariances[10]), Nreader2 : long = Ndisease) : double[]

1.12: fillGaussian(scalar : double = Math.sqrt(scoreVariances[11]), Nreader2 : long = Nreader, Nnormal2 : long = Ndisease) : double[][]

1.13: fillGaussian(scalar : double = Math.sqrt(scoreVariances[12]), Nreader2 : long = Nreader) : double[]

1.14: fillGaussian(scalar : double = Math.sqrt(scoreVariances[13]), Nreader2 : long = Nnormal) : double[]

1.15: fillGaussian(scalar : double = Math.sqrt(scoreVariances[14]), Nreader2 : long = Nreader, Nnormal2 : long = Nnormal) : double[][]

1.16: fillGaussian(scalar : double = Math.sqrt(scoreVariances[15]), Nreader2 : long = Nreader) : double[]

1.17: fillGaussian(scalar : double = Math.sqrt(scoreVariances[16]), Nreader2 : long = Ndisease) : double[]

1.18: fillGaussian(scalar : double = Math.sqrt(scoreVariances[17]), Nreader2 : long = Nreader, Nnormal2 : long = Ndisease) : double[][]

loop

[i < Nreader]

1.19: fill(tA1[i], scoreMeans[0])

1.20: fill(tB1[i], scoreMeans[1])

loop

[normalID < Nnormal]

1.21: toString(0)

loop

[diseaseID < Ndisease]

1.22: toString(1)

loop

[readerID < Nreader]

loop

[normalID < Nnormal]

opt

[dA0[readerID][normalID] ==

1.23: toString(tA0[readerID][normalID])

opt

[dB0[readerID][normalID] ==

1.24: toString(tB0[readerID][normalID])

loop

[diseaseID < Ndisease]

opt

[dA1[readerID][diseaseID] ==

1.25: toString(tA1[readerID][diseaseID])

opt

[dB1[readerID][diseaseID] ==

1.26: toString(tB1[readerID][diseaseID])

1.27: resetIDs() : void

1.28: verifySizesAndGetIDs(verbose : boolean = VerboseFalse) : void

1.29: processScoresAndTruth(verbose : boolean = VerboseFalse) : void

1.30: DBRecordStatFill(InputFileTemp : InputFile = InputFileStat, DBRecordStatTemp : DBRecord = DBRecordStat) : void

1.31: