NAME

eqmeandisp – test for simultaneous equality of mean vectors and dispersion matrices

SYNOPSIS

eqmeandisp [-s signif] [-b] [-v] < incov 2> ASCII-text

DESCRIPTION

eqmeandisp reads means and dispersion matrices as written by disc or maf and performs a Wishart distribution based test for simultaneous equality of mean vectors and dispersion matrices for all class pairs. The output consists of ASCII text on pairwise comparisons written to stderr. Nothing is written to stdout. Low values of ln(Q) rejects the hypothesis of simultaneous equality of mean vectors and dispersion matrices.

OPTIONS

-s signif
  signif is the significance level, defaults to 0.95
-b
  use Bonferroni method for multiple comparisons
-v
  verbose output to stderr on all class pairs

SEE ALSO

disc(1), maf(1), eqdisp(1), wishart(1)

REFERENCES


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