

# ON THE JACKKNIFE STATISTICS FOR EIGENVALUES AND EIGENVECTORS OF A CORRELATION MATRIX

HISAO NAGAO\*

*University of Tsukuba, Tsukuba, Ibaraki 305, Japan*

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**Abstract.** This paper deals with some problems of eigenvalues and eigenvectors of a sample correlation matrix and derives the limiting distributions of their jackknife statistics with some numerical examples.

*Key words and phrases:* Jackknife statistics, eigenvalue, eigenvector, correlation matrix, nonnormal, limiting distribution.