



The University of Chicago
Department of Statistics

Seminars for Second Year Ph.D. Students

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Are a Set of Microarrays Independent of Each Other?

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ABSTRACT

In the study of microarrays, column independence is usually assumed; hence, it is important to test whether this is true. Having observed an $m \times n$ matrix X whose rows are correlated, this paper tries to develop methods to test the hypothesis that columns are independent of each other.