



The Chinese University of Hong Kong  
Department of Statistics

Seminar

Multiple Comparisons in Searching for Local Signals

By

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**Abstract**

Advances in ones ability to collect large amounts of data in biology/genetics and elsewhere lead to statistical problems that involve searching an indexed set of observations for signals that are manifested as peaks against a noisy background. I will describe a number of examples and discuss an approach to the problem of multiple comparisons, with applications to detection of copy number variations and paired end reads to detect insertions and deletions.

This is joint research with Benny Yakir and Nancy Zhang.

Date: December 30 (Thursday), 2010  
Time: 4:00 p.m. - 5:00 p.m.  
Place: Lady Shaw Building, Room C3  
The Chinese University of Hong Kong