The Hong Kong Polytechnic University
Department of Applied Mathematics

Colloquium

On

Analysis Methods of Survival Data with Covariate Measurement Error

by

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Abstract

Covariate measurement error has attracted extensive interest in survival analysis. Since Prentice (1982), a large number of inference methods have been developed to handle error-contaminated data, and most methods are addressed to proportional hazards models. In contrast to proportional hazards models, additive hazards models offer a flexible alternative to delineate survival data. However, there is relatively less research on measurement error effects under such models, although some authors investigated this problem. In this talk, I will discuss several methods to correct for measurement error effects under additive hazards models. These methods will be justified both theoretically and empirically.

Date : 26 August, 2013 (Monday)
Time : 4:30p.m. – 5:30 p.m.
Venue : HJ610, The Hong Kong Polytechnic University

* * *   ALL ARE WELCOME   * * *