

國立中山大學應用數學系

學術演講

講者：Professor Kai Fun Yu

Division of Science and Technology, United
International College, BNU-HKBU

講題：From Directed Graph to Partial Likelihood

時間：2015/10/01（星期四）14：10 ~ 15：00

地點：理學院四樓理 SC 4009-1 室

茶會：15:00 於理 SC 4010 室（系辦公室）

摘要

In the classical paper (Cox, JRSSB, 1972) the conditional likelihood function was derived for the survival data. In the discussion of the paper, questions about the conditional likelihood function were raised by some. Clarifications were subsequently proposed in Cox (Biometrika, 1975) and the term partial likelihood function was used to replace the conditional likelihood function. Since then the Cox Proportional Hazard Regression models have been widely used and the applications thereof have found their ways into many substantive investigations. In this talk, we shall derive the partial likelihood function from directed graph and give another interpretation and meaning of partial likelihood.

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