

Analysis of complex censored data in medical research

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A half-day workshop

Monday 1st December 2014
2.00pm-6.00pm

Vernon Collins Lecture Theatre
Murdoch Childrens Research Institute,
Royal Children's Hospital, Melbourne



Censored data are common in medical studies. Survival time is a simple example. Recurrent events and paired interval-censored data (including detection limit as a special case) are more complex forms of censored data. The former include, for example, multiple disease episodes, hospitalisations, and injuries; the latter include laboratory measures at baseline and end-of-study. This workshop will discuss the key concepts and methods for handling such data, including practical demonstration of statistical analysis of recurrent events and paired interval-censored data.

Professor Yin Bun Cheung is a paediatric epidemiologist and medical statistician. He has held appointments at the London School of Hygiene and Tropical Medicine prior to his current appointment at Duke-NUS, Singapore. His research focuses on statistical methodology related to vaccine and nutrition research, and the impact and interplay of infection and under-nutrition on maternal and child health in developing countries. He has received multiple grants from the Singapore NMRC for projects to improve quantitative methods in clinical research. He has authored around 200 scientific publications and is the author of a recent book, *Statistical Analysis of Human Growth and Development* (CRC Press, 2014), as well as co-author of *Survival Analysis: A Practical Approach* (with Machin & Parmar: 2nd ed, Wiley, 2006).

STANDARD REGISTRATION FEE: \$99

STUDENTS (full time) : \$77 *GST inclusive

For further details and registration: www.vicbiostat.org.au/analysis-complex-censored-data-medical-research

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