

School of Public Health & Family Medicine

University of Cape Town

2-Day Workshop: 29-30 September 2014; 8.45am-5pm

Hosted by *leDEA-SA, Centre for Infectious Disease Epidemiology and Research (CIDER) and the Division of Epidemiology and Biostatistics*



Convenors:

Professor Jonathan Sterne & Dr Margaret May
*School of Social and Community Medicine
University of Bristol, UK*

Causal inference from observational cohort studies

What will the workshop cover? The workshop will cover causal definitions of confounding and causal modelling. It will include practical sessions working in Stata on causal modelling methods such as inverse probability weighting. By the end of the workshop participants will be able to implement causal modelling approaches in Stata and present results.

Who should attend? Anyone with an interest in causal inference in epidemiology, especially those interested in approaches to estimating causal effects from observational data.

What background knowledge/skills are needed? Participants should be comfortable working in Stata and should as a minimum be familiar with Cox regression models and have experience setting up and running survival analyses in Stata.

Where: UCT Faculty of Health Sciences

How to register: Places are limited – to register or find out more, contact Amy Bustamam by 12 September 2014. (bstamy001@myuct.ac.za). Note: There is no charge for the workshop.

About the convenors:

Jonathan Sterne is Professor of Medical Statistics and Epidemiology and Head of the School of Social and Community Medicine at the University of Bristol. His research interests include meta-analysis and systematic reviews, causal inference and methodology for epidemiology and health services research.

Margaret May is a Reader in Medical Statistics with a PhD in prognostic modelling. Her research interests include methods for modelling missing data, longitudinal data analysis, survival analysis with competing risks, life expectancy and joint modelling of biomarkers and time to event data.

Both convenors are interested in the clinical epidemiology of HIV and AIDS in the era of antiretroviral therapy.