

UCL Statistical Workshop

Path analysis and SEM in Social Epidemiology

A workshop on the Structural Equation Modelling (SEM) will be held by two novel researchers from the University College London. The workshop focuses on the applicational aspects of SEM, rather than the theoretical aspects. Some example codes of applying SEM will be presented in the workshop. The workshop will be given in English.

Date & Time

Tuesday 10th August 2021 – Wednesday 11th August
(Session opens at 13:30 JPT)

Location

Center of Medical Innovation and Translational Research,
1st Floor Multi-media hall
(Hybrid workshop via Zoom and at the site)

Guest Speaker

Professor Hynek Pikhart (University College London)
Dr. Noriko Cable (University College London)

CVs of the guest speakers are on the back side of the page

Program

Tuesday 10th August 2021

- 14:00-14:45 Session1** Introduction to Path and regression analyses
15:00-15:45 Session2 Confirmatory Factor Analysis and latent variables
16:00-16:45 Session3 Research Application: SEM in ageing studies

Wednesday 11th August 2021

- 14:00-14:45 Session4** Mplus application with latent variables and CFA
15:00-15:45 Session5 Mplus application with SEM/Path analysis
16:00-16:40 Q&A (Guest speakers will attend the session online)

[Registration] <https://rdc01.dcc.med.osaka-u.ac.jp/redcap/surveys/>

The following code is required to complete your registration: 8CTDFXAF8

When your registration is confirmed, you will receive a Zoom link to attend the workshop.

[Contact] Osaka University
Graduate School of Medicine
Department of Biomedical Statistics
E-mail: seminar@biostat.med.osaka-u.ac.jp



【 QR code for the registration】

主催: 大阪大学大学院 医学系研究科 医学統計学教室

大阪大学大学院 医学系研究科 先進的学際研究の推進による新学術領域での世界最高水準の研究拠点形成事業「医学研究の高度化を支える疫学・統計学・生物情報科学・医療情報学の融合研究 – メディカルデータサイエンス研究拠点の形成 –」(研究代表者: 磯博康)

大阪大学大学院 医学系研究科 新研究分野創生事業「臨床疫学データの構築・解析からリバーストランスレーショナルリサーチへの展開とその担い手育成プロジェクト」(研究代表者: 磯博康)

CVs of the guest speakers

Professor Hynek Pikhart

Professor of Epidemiology and Medical Statistics

Co-director MSc Population Health

Research Department of Epidemiology and Public Health

University College London

Biography

2018 Professor of Epidemiology and Medical Statistics, University College London (UCL)

2015 Reader in Epidemiology and Medical Statistics, UCL

2009 Senior Lecturer in Epidemiology and Statistics, UCL

2004 Lecturer in Epidemiology and Statistics, UCL

1999 Research Fellow, UCL

Academic Background

1999 Doctorate, Doctor of Philosophy, UCL

1995 Other higher degree, Master of Science, London School of Hygiene and Tropical Medicine

1993 Other higher degree, Master of Science, Univerzita Karlova v Praze

1991 First Degree, Bachelor of Science, Univerzita Karlova v Praze

Dr. Noriko Cable

Senior Research Fellow

Epidemiology & Public Health

Institute of Epidemiology & Health

Faculty of Pop Health Sciences

Appointments

2007 Senior Research Fellow Epidemiology and Public Health UCL, United Kingdom

Academic Background

1998 Doctor of Philosophy Medical College of Georgia

1994 Master of Science Medical College of Georgia

1992 Bachelor of Science Georgia Southern University

1984 Advanced Diploma Tokyo Women's Medical University