

SUMMER RESEARCH METHODS WORKSHOP 2023

Longitudinal Data Analysis: Multilevel Modeling Approach

6 – 9 June, 2023

Speaker: Professor Hsiu-Ting YU
Department of Psychology
National Chengchi University, Taiwan

Biography

Hsiu-Ting Yu is a Professor in the Department of Psychology at National Chengchi University in Taiwan. She received her PhD in Quantitative Psychology from the University of Illinois at Urbana-Champaign and completed her post-doctoral research at Leiden University between 2007 and 2009. From 2009 to 2016, she worked at McGill University. Professor Yu's research interests center on the development and fields of psychology and education. Her recent research includes multilevel modeling, latent class analysis, psychological network modeling, and various methodological issues in data science.



Brief description of the workshop

This workshop provides an in-depth overview of analyzing longitudinal data, with a particular focus on utilizing multilevel modeling techniques. Participants will gain an understanding of the unique features of longitudinal data and the types of research questions that can be addressed using this data type. The course is structured into several sections that explore various methods and techniques for conducting both between-person and within-person analyses. Additional topics covered in the workshop include modeling within-person fluctuation and change over time. Theoretical foundations are combined with practical applications, and the course includes a range of empirical examples to reinforce learning. The goal of this workshop is to equip participants with the knowledge and skills needed to effectively analyze longitudinal data in their own research projects.

Details

Date: 6 – 9 June, 2023

Time: 9:00 am - 12:00 noon

Venue: Rm 1106, Li Dak Sum Yip Yio Chin Academic Building

Fee: Free of Charge

Mode of Learning: Face-to-face

Quota: 30

Application Deadline: 12 May, 2023

Eligibility: Full-time academic staff and research students in the College of Liberal Arts & Social Sciences

Selection Criteria: Applications will be selected by lot. Applicants will be notified whether or not they can enroll successfully.

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Schedules

Session	Date	Content
1	June 6 (Tuesday)	Features and Analytical Frameworks for Longitudinal Data
2	June 7 (Wednesday)	Multilevel Modeling: Introduction and Advanced Topics
3	June 8 (Thursday)	Level of Analysis: Between-Person Analysis and Within-Person Analysis
4	June 9 (Friday)	Modeling Within-Person Fluctuation and Within-Person Change