



THE UNIVERSITY OF
MELBOURNE

Recent developments in the statistical inference from partially observed data

Date:	Friday, 10 December 2021
Time:	9:00 AM – 12:30 PM AEDT
Bookings:	<u>Free Registration at Eventbrite</u>
Venue:	Online
Host department:	School of Mathematics and Statistics

Summary:

Statistical analysis relies on the availability of data. However, data are not always fully observable. Nowadays, partially observed data can arise in many applications and bring a lot of challenges to statistics. In this half-day free online workshop, we focus on recent developments in the statistical inference from partially observed data, especially on handling incomplete data and causal inference.

Speaker	Organisation	Topic
Prof Jae-Kwang Kim	Iowa State University	Propensity Score Estimation Using Density Ratio Model under Item Nonresponse
Dr Jingshen Wang	University of California, Berkeley	Breaking the Winner's Curse in Mendelian Randomization
Dr Andrew Zammit Mangion	University of Wollongong	Deep learning for statistical forecasting from incomplete spatio-temporal data
Dr LuKang Huang	Naikai University, China	Nonparametric Estimation of General Mediation Effects by Calibration Weighting

Questions? Contact:

Wei Huang – wei.huang@unimelb.edu.au

Liu Hua Peng – liuhua.peng@unimelb.edu.au



This workshop is sponsored by Australian Mathematical Sciences Institute (AMSI) and Australian Mathematical Society INC. (Aust MS).