



Quantitative Methods for Causal Inference



Prof. Jose Eos Trinidad
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About the speaker

Prof. Jose Eos Trinidad is Assistant Professor of Education Policy at the University of California, Berkeley. He is a sociologist focused on the study of organizations outside schools and the study of schools as organizations. He received his Joint PhD in Sociology and Comparative Human Development from the University of Chicago.

Research

Bringing together the sociologies of organizations and education, his research interrogates education policy, civil society, and institutional change. He is author of *Subtle Webs: How Local Organizations Shape US Education* (Oxford, 2025) and of more than 40 peer-reviewed articles in journals like *Educational Evaluation and Policy Analysis*; *Educational Researcher*; *Socius*; *Sociology of Education*; *Sociology Compass*; and *Social Science & Medicine*. His research primarily investigates the interaction between schools and "outside" research, philanthropic, and nonprofit organizations — with consequences for our understanding of public policy implementation, school improvement, and civil society. He is a **multi-method researcher** using quantitative causal inference strategies, qualitative interviews, and network analysis.

He is also the current Chair, Organizational Theory Special Interest Group of the American Educational Research Association.

- 10 October 2025 (Fri)
- 10:30 a.m. - 12:00 n.n.
- Room 107, Ho Tim Building, CUHK

Abstract

Although correlation does not mean causation, there are ways to infer causation with proper research design, clear assumptions, and robust quantitative tools. This talk introduces various experimental and quasi-experimental methods for causal inference. It centers the potential outcomes framework and directed acyclic graphs. It introduces notation for causal inference, its translation into regression models, and its application to real-world data. The talk highlights experimental methods, difference-in-differences, regression discontinuity, and instrumental variable research designs.



Online registration:

<https://cloud.itsc.cuhk.edu.hk/webform/view.php?id=13714979>

Registration deadline: 9 October 2025 (Thu)

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