



香港教育大學

The Education University
of Hong Kong



Department of
PSYCHOLOGY
心理學系

Supported by FEHD Targeted Research Exchange Scheme
EdUHK PS Psychological Science Seminar Series:

THE USE OF MACHINE LEARNING IN PSYCHOLOGICAL RESEARCH



4 July 2024



14:30 - 15:30



D2-LP-03



English

Abstract

Machine learning techniques, from basic linear regression to deep neural networks, have attracted much attention in psychological research for their advantages in terms of multivariate analyses, individual-level predictability, and generalizability. In this seminar, we would like to introduce a promising pipeline for applying machine learning techniques to modeling and interpreting data that addressed psychological research questions. Two studies with different research focuses will be presented as illustrative examples to elucidate the potential benefits and risks when using machine learning to decode findings in psychological research.

About the speaker

Dr Lin is currently an associate professor in the Department of Psychology, Sun Yat-sen University. Her research takes an interdisciplinary approach that integrates psychology and computational science, including but not limited to computational social psychology, computational neuroscience, and cognitive computation. She has published over 50 journal papers and secured several national & provincial research grants. She is a member of the Big Data committee in China Graphic Association.



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Registration