



香港中文大學理學院
FACULTY OF SCIENCE
THE CHINESE UNIVERSITY OF HONG KONG

**ZOOM
INTO
SCIENCE**

Online Lectures

因果推論： 平行世界中的另一個你

Causal Inference: Another You in a Parallel Universe

人工智能可以改善交易嗎？吸煙會導致肺癌嗎？人類活動會引致全球暖化嗎？除非平行世界中的另一個你不採取這些行動，否則我們並不知道答案。這講座將證明人們對這些因果問題所給的直觀答案一般是錯誤的，我們還會利用嚴格的統計框架，為這個不可能的任務提供解決方法。

Does artificial intelligence improve trading? Does smoking lead to lung cancer? Do human activities cause global warming? It is impossible to know the answers unless there is another you without taking these actions in a parallel universe. We will prove that intuitive answers to some real-life causal questions are in general wrong and discuss a rigorous statistical framework to give a “viable” solution to this “impossible” task.



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統計系

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Department of Statistics

27 · 4 · 2020
星期一 Monday
4:00 - 4:30 p.m.

廣東話主講
Conducted in Cantonese

zoom 網上直播
Live

講座後設問答環節
Q&A session afterwards

免費講座，先到先得
講座片段可於活動網頁重溫

Free Lecture on First-come, First-served Basis
Video available on event webpage after lecture



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