

# Doubly Robust Estimators in Causal Inference

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the why, how  
and when

講者:

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領域:

因果推論、證據整合

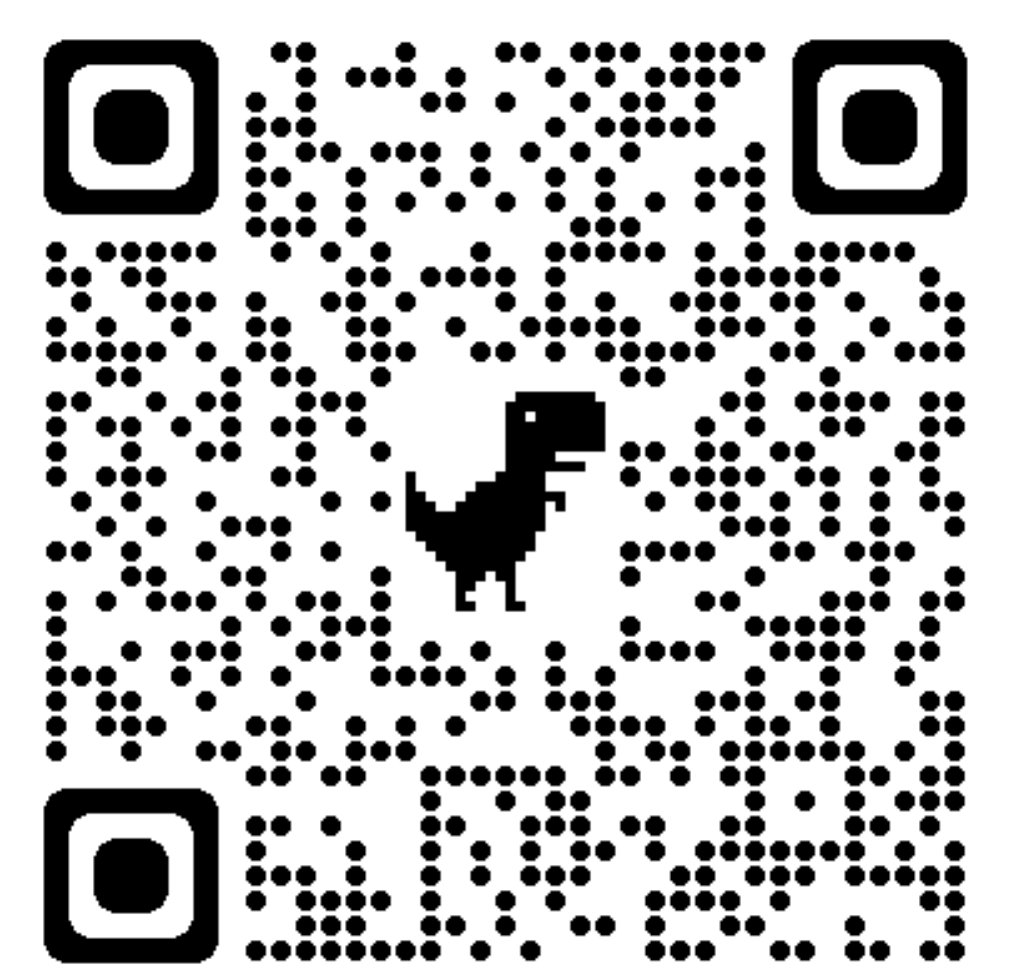
演講摘要:

The causal inference framework has risen to be a widely accepted framework for evidence generation in the field of epidemiology and public health. Under the framework, response surface modeling (i.e., outcome regression) and propensity score methods are two mainstay approaches to causal effect estimation. However, the assumptions underpinning the validity of these two approaches are often overlooked. In this talk, we will give a brief overview to both approaches, how they can be combined into doubly robustness estimators aiming for robustness to model misspecification and slow convergence rates. We will also discuss the large-sample and finite-sample properties of these estimators and provide suggestions for how to choose between them in practical analysis.

時間: 2024年3月18日(Mon.)中午12點入場

12:20PM-13:20PM 演講

地點: 公共衛生學院1樓拱北講堂  
(台北市中正區徐州路17號)



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