

Causal inference in a time of Covid: How do we learn what works during a pandemic

Miguel Hernán

Harvard T.H. Chan School of Public Health

Welcome to the **Epidemiology Methods Series** at the Institute of Environmental Medicine, Karolinska Institutet. We're pleased to be joined by **Miguel Hernán** from Harvard T.H. Chan School of Public Health and Guest Professor at the Institute of Environmental Medicine, Karolinska Institutet. Miguel will give a talk titled: "**Causal inference in a time of Covid: How do we learn what works during a pandemic**".

A natural first step for the prevention and treatment of a new disease is trying to repurpose existing drugs. During the Covid-19 pandemic both observational studies and randomized trials have been used to study whether repurposed drugs worked for prophylaxis and treatment. The existing system for causal inference of repurposing drugs resulted in several success stories, but also revealed serious failures in the selection of drugs for study, design of randomized trials, misinterpretation of findings from both randomized trials and observational studies, and publication of results. This talk reviews some of those failures and describes lessons learned for the next pandemic.



Register: https://survey.ki.se/epimethods_mar22

Date: Tuesday 22th March

Time: 16.30–17.30 (Stockholm)

Place: [Samuelssonsalen](#), Campus Solna **AND** Online via Zoom

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