BRIGHAM AND WOMEN'S HOSPITAL
HARVARD MEDICAL SCHOOL

181 Longwood Avenue
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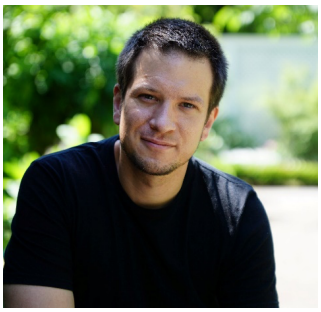
Department of Medicine
Channing Division of Network Medicine

Channing Methods Meeting

October 11 (Tuesday), 2022, 11AM (ET)

MCP 5th-floor large conference room
https://us02web.zoom.us/j/579497999?pwd=cHNlWHMzWUlFUUVJTG1EeVJmY05aQT09
Meeting ID: 579 497 999
Passcode: 844168



Julian Hecker, Ph.D.

Instructor in Medicine, Harvard Medical School
Associate Biostatistician, Brigham and Women's Hospital

Using machine learning in statistics: doubly robust inference

Abstract: Machine learning show remarkable success in specific prediction tasks. Recently, researchers utilized flexible machine learning approaches to adjust for confounders in classical statistical tasks without requiring parametric restrictions. We will discuss the concept of one of these approaches that combines machine learning and statistics. The discussion will be based on simulations and theoretical considerations.

Bio: Julian Hecker is an Instructor in Medicine at Harvard Medical School and an Associate Statistician at CDNM. He has a PhD in Epidemiology and a master's degree in mathematics. His methodological research interests include family-based association methodology and, more recently, adopting causal inference techniques in statistical genetics.