

LECTURE SERIES 2025

CAUSAL INFERENCE METHODS FOR REAL-WORLD DATA



LUXEMBOURG
INSTITUTE
OF HEALTH



LISER
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18 DEC 2025
Thursday

LECTURE

MEET & EAT *

Light lunch provided

Conference room – Maison des Sciences Humaines

11.00am - 12.00pm

12.00pm - 1.30pm



"Causal AI": Is causal inference from healthcare data about to be automated?

ABSTRACT

Decisions about the treatment and prevention of disease are guided by causal inference and health researchers often make causal inferences using healthcare databases. The emergence of tools referred to as "AI" may transform the way in which those databases are used for causal inference. However, for "AI" to speed up the causal learning for healthcare databases, we need a better understanding of what both "AI" and causal inference are. This talk dissects the components of "Causal AI" and discusses its potential to automate causal research in the health sciences.



SPEAKER

Miguel Hernán

Director of CAUSALab

Professor of Epidemiology and Biostatistics at Harvard

RESPONSIBLE SCIENTIST

Sophie Pilleron

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*Please note that registration for Meet and Eat is mandatory via the following link:

<https://survey.lih.lu/index.php/377683?lang=en>



Location:

Lecture:

Maison des Sciences Humaines

Room: Conference room

11 porte des Sciences

L-4366 Esch-sur-Alzette, Luxembourg

JOIN

Event number: 2790 257 8427

Event password: VYi3bjts5r6

<https://mylih.webex.com/mylih/j.php?MTID=md68b32d3f47b59edf3743d738bb62a80>

