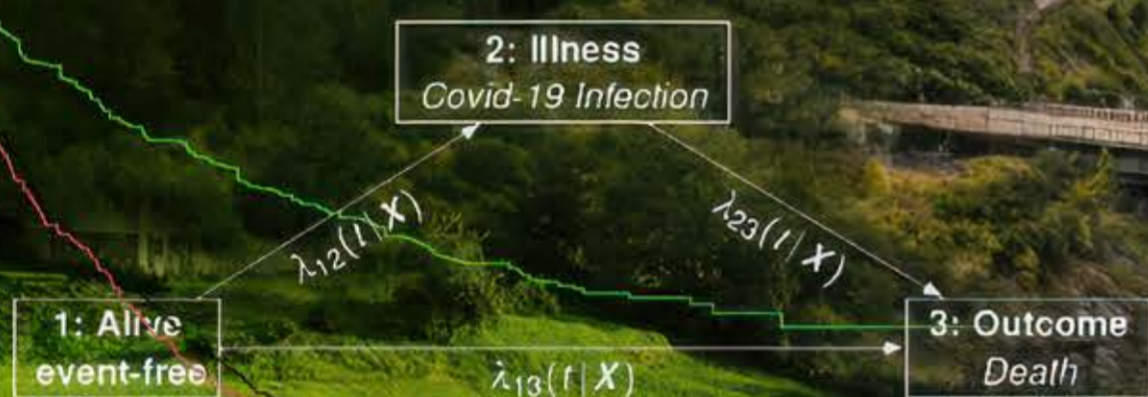


# Connecting Survival Analysis and Infectious Disease Modeling

15 - 19 June 2026, Leiden, the Netherlands @lambda



## Topics

- Survival analysis methods (multi-state models, frailty models, additive hazard models, competing risks)
- Infectious disease modelling (compartmental SIR/SEIRD models, reproduction number estimation)
- Estimating vaccine efficacy and time-dependent vaccine effectiveness
- Heterogeneity in susceptibility and infectiousness
- Handling incomplete data: censoring, reporting delays, and underreporting

## Scientific Organizers

- Liesbeth de Wreede, Leiden University Medical Center (LUMC)
- Hein Putter, LUMC
- Kylie Ainslie, University of Melbourne and University of Hong Kong
- Don Klinkenberg, National Institute for Public Health and the Environment (RIVM) and Wageningen University & Research
- Jacco Wallinga, RIVM and LUMC
- Steven Abrams, UHasselt and University of Antwerp

This workshop is part of the NIAS-Lorentz Program, which brings together perspectives from humanities & social sciences with natural & technological sciences.