

Statistisches Kolloquium

Zeit: Mittwoch, 05.02.2020, 11.00 - 12.00

Ort: CARL - S01 (1385|201)

Vortragender: Prof. Elena Stanghellini
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Titel: On path analysis for binary random variables

Abstract

Given a recursive system of binary random variables modelled as a series of univariate logistic regressions, we propose a way to disentangle the total effect of a treatment X on a response Y into a direct effect and a number of path-specific indirect effects. This decomposition follows from the relationship between marginal and conditional parameters in logistic regression models, as studied by Stanghellini and Doretti (Biometrika, 2019). Reference to the causal framework based on counterfactual entities are also made.

References:

Stanghellini and Doretti (2019). On marginal and conditional parameters in logistic regression models. *Biometrika*, 106, 3, pp. 732-739.

Für weitere Informationen wenden Sie sich bitte an:

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