

Sommersemester 2026

Einladung zum ZeSOB Kolloquium

Am Dienstag, den 22. September 2026, ab 16:30h spricht

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über

MaxT procedure using spurious correlations and incorporation of selective inference

We consider a multiple testing problem that compares expectations of multivariate data among several groups. Using conventional (approximate) t-statistics, we determine the rejection region by a common rejection limit. When correlations among the test statistics are unknown, multiplicity-adjusted p-values depend on these unknown correlations, which are usually replaced by estimates that are consistent under any hypothesis. We propose instead the use of estimates that are not necessarily consistent, referred to as spurious correlations, in order to improve statistical power. Now we are trying to incorporate selective inference into this procedure, and I will report on the progress of this ongoing work. I will also take this opportunity to spend some time introducing myself and some of my research.

Der Vortrag findet statt am Dienstag, den 22. September 2026, ab 16:30 Uhr in Raum MZH 5600 auf der Ebene 5 des Mehrzweckhochhauses (MZH) der Universität Bremen, Bibliothekstraße 5, 28359 Bremen.

Alle Interessierten sind herzlich willkommen!

(Einladungsvorschlag von Prof. Dr. Thorsten Dickhaus)