The Center for Statistics in Oldenburg and Bremen (ZeSOB) organizes a

Methods Week in Statistics

from September 9th to 11th, 2026, at the University of Bremen, Mehrzweckhochhaus (MZH), first floor, Room No. MZH 1470, on the topic:

"Safe anytime-valid inference (SAVI)"

Safe anytime-valid inference (SAVI) refers to testing the same null hypothesis several times (with an increasing amount of data) without compromising type I error control. This is possible by utilizing as summary statistics so-called e-values (and e-processes) instead of the traditional p-values. This area of statistics has attracted enormous interest during the past 10 – 15 years, with many researchers contributing to the theoretical understanding of e-values, e-processes, and their relationships to game theory. Arguably, though, the literature on practical implementations and applications of SAVI has not kept up with that pace. Thus, the ZeSOB Methods Week in Statistics offers a unique possibility for learning about practical aspects of SAVI. During the Methods Week, applications of SAVI to real-life data from the fields of survival analysis, psychology, genetics, machine learning, and meta analysis will be presented.

The detailed program of the Methods Week can be found on the next page.

Join us to enhance your understanding of SAVI and to take your statistical data analysis skills to the next level.

Lecturer:
Dr. Alexander Ly, Centrum Wiskunde & Informatica, The Netherlands

Registration fees:

Bachelor and master students:	free of charge	
Participation type	*onsite*	*online*
Academic employees (including doctoral researchers):	65€	25€
Non-academic attendants:	130€	50€

The registration fee covers course material (slides in PDF format for password-protected download), as well as drinks and snacks during the coffee breaks.

Registration is now possible online via the website of the ZeSOB:
https://www.zesob.de/registration/

Program of the ZeSOB Methods Week in Statistics on Safe Anytime-Valid Inference:

Wednesday 9th of September 2026

09.00 – 10.30	Introduction to safe anytime-valid inference with e-values
10.30 – 10.45	**Coffee Break**
10.45 – 12.15	Practical
12.15 – 13.30	**Lunch break**
13.30 – 15.00	Meta-analysis with e-values
15.00 – 15.15	**Coffee Break**
15.15 – 16.45	Practical
17.00 – 17.30	Q&A

Thursday 10th of September 2026

09.00 – 10.30	Conditional independence testing
10.30 – 10.45	**Coffee Break**
10.45 – 12.15	Practical
12.15 – 13.30	**Lunch break**
13.30 – 15.00	Logrank testing
15.00 – 15.15	**Coffee Break**
15.15 – 16.45	Practical
17.00 – 17.30	Q&A

Friday 11th of September 2026

09.00 – 10.30	Multiple testing with e-values
10.30 – 10.45	**Coffee Break**
10.45 – 12.15	Practical
12.15 – 13.00	E-values in other settings and Q&A