

**International Biometric Society, German Region**  
Working Groups "Bayes Methods" and "Non-Clinical Statistics"

**Invitation and Program:  
Workshop of the  
Working Groups "Non-Clinical Statistics" and "Bayes Methods"**

**Hierarchical Models in Preclinical Research**

**05-06/12/2024  
Göttingen and online**

All times are CET (UTC+1)

**Thursday, 05. 12. 2024**

14:00–14:05 [Welcome](#)

14:05–14:45 Lea Vaas (Bayer AG, Berlin): Virtual control groups in toxicity studies

14:45–15:30 Sebastian Weber, Lukas Widmer (Novartis AG, Basel): Tutorial: Part 1: Historical controls

15:45–16:10 Jonathan Rathjens (Chrestos, Essen): Prediction intervals based on historical controls for the micronucleus test

16:10–16:30 [Coffee Break](#)

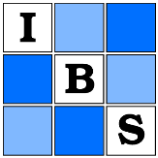
16:30–17:15 Sebastian Weber, Lukas Widmer (Novartis AG, Basel): Tutorial Part 2: Dose finding (nonlinear Emax models, model averaging)

17:15–17:55 Reinhard Vonthein (Universität zu Lübeck): A study in which I could not help, not even with Bayesian hierarchical models

17:55–18:05 [Short Break](#)

18:05–18:30 Meeting: WG Bayes Methods

19:45 [Informal get-together and dinner \(Bullerjahn\)](#)



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## Friday, 06. 12. 2024

- 08:30–09:15 Sebastian Weber, Lukas Widmer (Novartis AG, Basel): Tutorial Part 3: Mixed models with repeated measurements
- 09:15–09:55 Renato Panaro (UMG, Göttingen): Assessing the relative effect in hierarchical binomial models for meta-analysis
- 09:55–10:35 Christian Röver (UMG, Göttingen): Prior distributions from meta-analytic predictions
- 10:35–11:00 *Coffee Break*
- 11:00–11:45 Sebastian Weber, Lukas Widmer (Novartis AG, Basel): Tutorial Part 4: Longitudinal data
- 11:45–12:25 Matthias Kloft (Philipps-Universität Marburg): The interval truth model: A cultural consensus model for continuous bounded interval responses
- 12:25–12:30 *Farewell*

The Working Groups thank the Göttingen University for providing the workshop venue and technical support and the German Region for Tutors’ travel and for refreshments.

## Registration

Participation is free. Registration of participants – if not done already – is requested no later than **November 30, 2024**. Please mention explicitly participation in the get-together (at own cost), so that a sufficient number of places may be reserved. All participants will receive the link to the Zoom meeting.

Address for Registration: Dr. Christian Röver ([christian.roever@med.uni-goettingen.de](mailto:christian.roever@med.uni-goettingen.de))

## Organisational details

### *Workshop venue:*

Staats- und Universitäts-Bibliothek (SUB), Großer Seminarraum  
Platz der Göttinger Sieben 1, 37073 Göttingen.  
From the train station, follow *Berliner Straße* to the Campus.

Contact at the workshop site: Dr. Christian Röver ([christian.roever@med.uni-goettingen.de](mailto:christian.roever@med.uni-goettingen.de))

### *Publication, recording:*

Speakers are asked to provide their slide sets for inclusion on the Working Group’s webpage. These may be enriched with program code. Recording of presentations, the upcoming questions/chats and/or the discussions is still under discussion.