



Bayesian methods in the development and assessment of new therapies

Workshop of the IBS-DR working group “Bayes Methods”

Department of Medical Statistics, University Medical Center Göttingen

Göttingen, December 6–7, 2018

Thursday, December 6th	
08:45	Welcome
09:00	Tutorial: Sebastian Weber, Heinz Schmidli (Novartis AG, Basel): <i>Use of historical data: Methods, applications and implementation with the R package RBesT</i>
10:30	☕ Coffee break
11:00	Tutorial continued
12:00	🍴 Lunch break
13:00	Heinz Schmidli (Novartis AG, Basel): <i>Bayesian applications in drug development</i>
14:00	Ralf Bender (IQWiG, Köln): <i>Applications of Bayesian methods in health technology assessment</i>
14:20	☕ Coffee break
14:50	Sibylle Sturtz (IQWiG, Köln): <i>Meta-analysis using Bayesian methods: Applications in systematic reviews</i>
15:30	Norbert Benda (BfArM, Bonn): <i>Introduction to panel discussion</i>
15:40	<i>Panel discussion</i>
16:10	☕ Coffee break
16:40	Christian Röver (UMG, Göttingen): <i>Model averaging for robust extrapolation in evidence synthesis</i>
17:10	Manuel Wiesenfarth (DKFZ, Heidelberg): <i>Quantification of prior impact in terms of prior effective historical and current sample size</i>

Friday, December 7th	
08:30	Thomas Jaki (Lancaster University): <i>Multi-objective dose-finding</i>
10:00	☕ Coffee break
10:30	Burak K. Günhan (UMG, Göttingen): <i>Phase I dose-escalation trials with more than one dosing regimen</i>
11:00	Stefan Klein (Bayer AG, Berlin): <i>Bayesian concept for combined phase 2a/b trials</i>
11:30	Frank Fleischer (Boehringer Ingelheim, Biberach): <i>Bayesian MCPMod</i>
12:00	🍴 Lunch break
13:00	Working group business meeting
13:30	Eleni Vradi (Bayer AG, Berlin): <i>Bayesian variable selection and classification with control of predictive values</i>
14:00	Arne Ring (Medac, Wedel): <i>Planning crossover bioequivalence trials: Systematic review and application of assurance</i>
14:30	☕ Coffee break
15:00	Annette Kopp-Schneider (DKFZ, Heidelberg): <i>Bayesian dynamic borrowing of external information: What can be gained in terms of frequentist power?</i>
15:30	Arne Ring (Medac, Wedel): <i>Scientific collaboration with African students in mathematics, exemplified for a project to determine the assurance during project planning of clinical development programs</i>

Workshop venue:

Niedersächsische Staats- und Universitätsbibliothek (SUB)

Zentralbibliothek

Großer Seminarraum (1st floor)

Platz der Göttinger Sieben 1

51° 32' 23.2" N 9° 56' 07.8" E

(The workshop venue is within walking distance from the train station and city centre)