

Invitation and Program:

Virtual Workshop of the Working Group “Bayes methods“ (International Biometric Society, German Region)

<http://www.biometrische-gesellschaft.de/arbeitsgruppen/bayes-methodik.html>

04/12/2020

07:30 - 12:15 UTC (08:30 - 13:15 CET)

“Copulas”

Workshop Objectives

The aim of the workshop is to provide an overview of the fundamental theory of copulas and of their use in Bayesian modelling.

Chair

Reinhard Vonthein, Universität zu Lübeck

Time-table

Time	Name	Title
08:30	R. Vonthein	Welcome
08:35	C. Czado	Analyzing dependent data with vine copulas (Part 1)
09:20	-	Break
09:35	C. Czado	Analyzing dependent data with vine copulas (Part 2)
10:20	-	Break
10:45	B. Kessel	Simulation of random variables with prescribed marginals and given Pearson's correlations
11:15	J. Rathjens et al.	Bayesian bivariate distributional copula regression of birth weight and gestational age
11:45	P. Wiemann, T. Kneib	Using a fully Bayesian approach to analyze multiple responses and their interrelation
12:15	C. Czado, A. Hanebeck	Bayesian approaches for vine copula models
12:45		Discussion
13:15		End

Abstracts

Abstracts will be available on the [website](#) of the IBS/DR Bayes working group.

Session format

The webinar language will be English.

Comments are possible through a chat function. At the end there will be a panel discussion where questions can be asked through audio.

All presentations but not the discussion will be recorded. The slides and recordings will later be made available, either to the participants only, or on the [website](#) of the IBS/DR Bayes working group.

Further Information

Please visit the [website](#) of the IBS/DR Bayes working group.

Registration

For registration for this webinar please send an email with your name and affiliation to christian.roever@med.uni-goettingen.de. There is no registration fee. You will be sent a link to the videoconference which will be held through BigBlueButton.