

Thinking Bayesian in Epidemiology: Your Intuition Was Right All Along

DES Summer meeting and workshop 2026

June 23rd Summer meeting & general assembly

Location: Auditorium 35.01.06, City Campus (CSS), Gammeltoftsgade 15, 1355 Copenhagen.

10:30-11:00: Arrival & coffee

11:00-11:05: Introduction and welcome

11:05-12:00: Introduction to Bayesian vs frequentist frameworks

Moderator: Terese Høj Jørgensen

- Claus Ekstrøm, Professor of Biostatistics, University of Copenhagen

12:00-13:00: Lunch

13:00-15:00: Working with Bayesian Methods

Moderator: Amalie Timmermann

- Anders Gorm Pedersen, Professor, Department of Health Technology, DTU
 - **Bayesian Inference**
- Benjamin Skov Kaas-Hansen, Registrar and researcher, Department of Radiology, Rigshospitalet
 - **From Question to Model: A Practical Introduction to Bayesian Methods in Epidemiology**

15:00-15:30: Coffee, cake and fruit

15:30-16:45: Beyond Null Hypothesis Testing – Evaluating Hypotheses the Way You Intuitively Want

Moderator: Frida Richter Hansen

- Rebecca Kuiper, Associate professor, Department of Methods and Statistics, University Utrecht

17:00-18:15: General assembly, snacks & drinks

The meeting is hosted together with Section of Social Medicine, Department of Public Health, University of Copenhagen

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June 24th Workshop (for members of the Danish Epidemiological Society)

Location: Auditorium Luftskebet, Statens Institut for Folkesundhed, Studiestræde 6, 1455 Copenhagen.

08:30-09:00: Arrival & coffee

09:00-11:00: Hands on experience with Bayesian Statistics

- Benjamin Skov Kaas-Hansen, Registrar and researcher, Department of Radiology, Rigshospitalet

This workshop session offers participants a practical, hands-on introduction to Bayesian methods. Through simple exercises, code examples, and small case activities, participants will explore core Bayesian concepts and approaches. The workshop is intended for researchers at all career stages who wish to develop applied skills in Bayesian statistics.

11:00-11:30: Walk & talk

11:30-12:45: Restaurant lunch

13:00-15:00: *Hands-on introduction to (one) approach for evaluating informative hypotheses*

- Rebecca Kuiper, Associate professor, Department of Methods and Statistics, University Utrecht

This workshop offers hands-on introduction to (one) approach for evaluating informative hypotheses, an alternative to null-hypothesis significance testing. GORIC(A) is a method to quantify the relative support for competing hypotheses by balancing model fit and complexity.

The workshop is hosted together with the National Institute of Public Health, University of Southern Denmark