ONLINE COURSE – Introduction to Bayesian modelling with INLA (BMIN01)

por webadmin - sábado, octubre 24, 2020

http://www.biometricsociety.net/2020/10/24/online-course-introduction-to-bayesian-modelling-with-inla-bmin01/

ONLINE COURSE – Introduction to Bayesian modelling with INLA (BMIN01)

This course will be delivered live

https://www.prstatistics.com/course/introduction-to-bayesian-modelling-with-inla-bmin01/

TIME ZONE – Central European Standard Time (CEST) – however all sessions will be recorded and made available allowing attendees from different time zones to follow a day behind (please email oliverhooker@prstatistics.com for full details or to discuss how we can accommodate you).

Course Overview:

The aim of the course is to introduce you to Bayesian inference using the integrated nested Laplace approximation (INLA) method and its associated R-INLA package. This course will cover the basics on the INLA methodology as well as practical modelling of different types of data.

By the end of the course participants should:

Understand the basics of Bayesian inference.
Understand how the INLA method works and its main differences with MCMC methods.
Be able to fit models with the R-INLA package.
Know how to interpret the output from model fitting.
Be confident with the use of INLA for data analysis.
Understand the different models that can be fit with INLA.
Know how to define the different parts of a model with INLA.
Be able to develop new latent effects not implemented in the R-INLA package.
Know how to define new priors not included in the R-INLA package.
Have the confidence to use INLA for their own projects.

Please email oliverhooker@prstatistics.com with any enquiries.