

Fifth Annual JAGS and WinBUGS workshop Bayesian Modeling for Cognitive Science August 10 - August 14, 2015

por webadmin - Martes, diciembre 16, 2014

<http://www.biometricsociety.net/2014/12/16/fifth-annual-jags-and-winbugs-workshop-bayesian-modeling-for-cognitive-science-august-10-august-14-2015/>

Target audience

This workshop is meant for researchers who want to learn how to apply Bayesian inference in practice. Most applications we discuss are taken from the field of cognitive science. Because the workshop is based on a set of book chapters and concrete exercises of varying difficulty, the course material is appropriate for researchers with a wide range of prior knowledge and interests.

Although some basic knowledge of Bayesian inference is an advantage, this is not a prerequisite. In the course we use WinBUGS in combination with R or Matlab (the choice is yours), and therefore some basic knowledge of either R or Matlab is also an advantage.

Summary

In this workshop, plenary lectures provide the theoretical background of Bayesian statistics, and practical computer exercises teach you how to use the popular WinBUGS program and apply it to a wide range of different statistical models. After completing this workshop, you will have gained not only a new understanding of statistics, but also the technical skills to implement models that are appropriate for the substantive hypotheses that you seek to test.

Course materials

The workshop is based on the book *Bayesian Cognitive Modeling: A practical course* written by Michael Lee and Eric-Jan Wagenmakers. The book has been recently published by Cambridge University Press and is used to teach graphical modeling courses at UCI, OSU, UW, and UvA. At the start of the workshop, you will receive a version of the book, a memory stick with all the computer code, and a printed copy of the solutions to the exercises.

Costs

Early birds (completed registration before March 1st, 2015)

(PhD-)student: 450 euro

Non-student: 550 euro

Normal (completed registration before August 3rd, 2015)

(PhD-)student: 550 euro

Non-student: 650 euro

More information can be found at the following website:

<http://bayescourse.socsci.uva.nl/>

Bayesian Modeling for Cognitive Science
Annual JAGS and WinBUGS Workshop
University of Amsterdam

Department of Psychological Methods
University of Amsterdam
Weesperplein 4
1018 XA Amsterdam
The Netherlands

Contact: Alexander Ly
Email: bayescourse@gmail.com
Phone: (+31) 20 525 6748
Web: bayescourse.socsci.uva.nl/
Stats package: jasp-stats.org
Book: www.bayesmodels.com

PDF generado por unlimioo para la Asociación Española de Biometría