SSL Statistikot Suomen Lääketeollisuudessa ry

FMS Föreningen för Medicinsk Statistik

ORION

Bayesian Data Analysis Workshop

6 - 7 May 2013 at Orion Pharma

Orionintie 1A, Espoo

Monday 6 May

9:00 – 9:15	Coffee + sandwich	
9:15 – 11:30	*Bayesian statistics: What, and Why?*[1]	Elja Arjas, University of Helsinki
11:30 – 12:30	Lunch Break	
12:30 – 14:30	Case Stories of Bayesian Data Analysis:	
	In project Violent Crime: Bayesian Logistic Regression anything else than Lasso Regression?	Bodil Svennblad, Uppsala Clinical Research Center (UCR)
	Bayesian ADEPT – Preclinical Data used for Human Dose Prediction	John Aspegren, Orion Pharma
14:30 – 14:45	Break	
14:45 – 16:45	Case Stories of Bayesian Data Analysis:	
	Bayesian Meta Analysis	Marie Göthberg, Søren Andersen; Novo Nordisk
	Campylobacter Risk Assessment: Bayesian Inference, Predictive Microbiology and Uncertainty	Jukka Ranta, Finnish Food Safety Authority Evira
16:45 – 17:00	Break	
17:00 – 18:00	SSL Annual General Meeting	
18:30 –	Dinner	Ravintola Saaga, Bulevardi 34, Helsinki

Tuesday 7 May

9:00 – 9:15	Coffee + something to bite	
9:15 – 12:00	Hands-on OpenBUGS Demonstration based on Case *Campylobacter Risk Assessment*	Jukka Ranta, Finnish Food Safety Authority Evira

The 90€ registration fee will include the scientific sessions plus catering on both days as detailed above.
Register by email to Marie Göthberg (magg@novonordisk.com) by 20 April. Payment details and other relevant information will be given upon registration. Note that it is possible to register multiple participants by one email. For each registrant, please give name, organisation, and email address.

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1 General lecture focusing on following topics:

- Understanding the concepts of randomness and probability: Does it make a difference?
- Considering directions: From parameters to data, or from data to parameters?
- Distinguishing between physical and logical independence
- Understanding the concept of exchangeability and its role in statistical modeling
- What is more useful: Testing statistical hypotheses, or making predictions