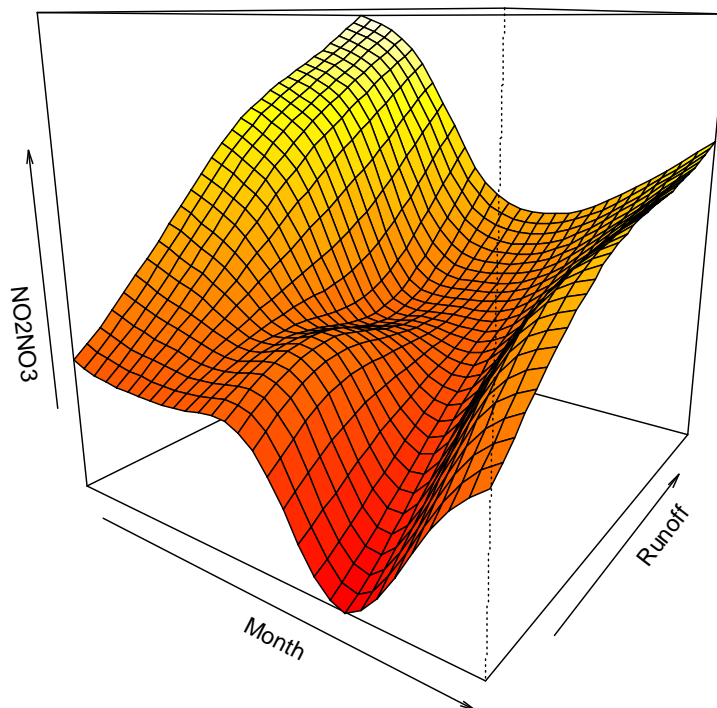


Workshop in Generalized Additive Models (GAM)

The Centre for Statistics at SLU (Biostatistikum) is happy to invite all researchers and PhD-students at SLU to a two-day workshop in Generalized Additive Models in Uppsala **August 23-24, 2016**.



GAM models allow a flexible estimation of smooth relations between explanatory and response variables in the sense that the user does not need to determine the functional form (e.g. linear or exponential) of the relationship beforehand. Instead the relation is completely determined by data. This flexibility is especially useful in the analysis of long time series or for spatial data, but also increases the risk of typical regression problems like overfitting.

The main purpose of this workshop is to bring scientists from various subjects, who have some experience or interest in Generalized Additive Models, together with statistical experts for fruitful discussions. We particularly invite participants to give case-study presentations of their experiences of using GAMs.

The workshop is free of charge, including coffee and dinner, for all employees and PhD-students at SLU.

Preliminary schedule:

Tuesday August 23	
13.00-13.15	Jan-Eric Englund: Welcome and presentation of the Centre for Statistics at SLU (Biostokastikum)
13.15-14.30	Claudia von Brömssen: Introduction to General Additive Models
14.30-15.00	Coffee break
15.00-17.00	Contributed case-study presentations¹
17.00 -	Dinner

Wednesday August 24	
9.00-10.00	Claudia von Brömssen: Generalized and mixed models in the GAM context
10.00-10.30	Coffee break
10.30-12.30	Contributed case-study presentations¹

¹ A preliminary list of contributed case studies will be published on the workshop's webpage during April.

Location:

Lecture room MVM60 at the ground floor of the MVM building, SLU, Lennart Hjelms väg 9, Uppsala

Registration:

To benefit from the workshop, all participants should have a good background in statistics (courses corresponding to 10 ECTS credits are advised) with some experiences of regression models.

Register to mikael.franko@slu.se no later than June 12, 2016. Please indicate if you will join for dinner and if you want to give a case-study presentation. Note that the number of participants is limited so register as soon as possible to ensure your participation.

Welcome!

For updated information see: <http://www.slu.se/GAMworkshop2016>