BBS Workshop
on the
False Discovery Rate

In person only
@ D-BSSE, Basel

When: November 24, 10:15 – 16:00
Where: Department of Biosystems Science and Engineering, ETH Zurich
Building BSS, Klingelbergstrasse 48, Basel

This BBS workshop will focus on the false discovery rate (FDR). It will consist of two components: a course taught by Nicholas Galwey and a presentation by Wolfgang Huber.

Topic

The course will include material from Nick Galwey's book on FDR, which was recently published at Wiley Blackwell. The course will comprise two parts and three sections:

1. Introduction to the FDR
2. Introduction to shrunk estimates
3. Application of both methods to a simple multiplicity situation, and exploration of the relationship between the two sets of results produced.

In between the two course sections, Wolfgang Huber will talk about data-driven hypothesis weighting and will review the following papers:
doi:10.1111/rssb.12411 and doi:10.1038/nmeth.3885

Agenda

10:15-10:30 Arrival on site
10:30-12:00 FDR course part 1 (Nicholas Galwey)
12:00-13:00 Lunch break (lunch not included)
13:00-14:00 Data-adaptive hypothesis weighting in multiple testing (Wolfgang Huber)
14:00-14:30 Coffee break (coffee included)
14:30-16:00 FDR course part 2 (Nicholas Galwey)

Presenters

Nicholas Galwey (former Statistical Geneticist at GlaxoSmithKline in Stevenage, UK, now retired)
Wolfgang Huber (Group Leader and Senior Scientist in Quantitative Biology and Statistics, European Molecular Biology Laboratory (EMBL), Heidelberg)

Registration and registration fee

The course has a capacity of 40 attendees. Registration is mandatory, and a nominal registration fee of CHF 50 will be charged. Please register at https://forms.gle/j1EnwYEkYcRjN67X9. Payment details will be shared after registration.