



Workshop

How to make them effective, revealing, and beautiful

Summary:

Sometimes the health of an institution or the lives of the ones we love depend on a good graph. If good graphs had been made, the space shuttle Challenger would not have exploded, the financial crises may have been averted, and we might have found out earlier from our lab values that we were running a risk of a heart attack ...

This full day workshop is about making good graphs. It introduces the participants to a systematic way to construct, look at, and present graphs of statistical content in order to reveal structure in data and to tell others about it.

The course is based on a theory of perception as described in the works of E. Tufte, L. Wilkinson, S. Kosslyn, and B. Cleveland combined with more general ideas on exploring data and on communication about statistical content.

Presenters:

Antje Christensen holds a Master Black Belt position at the pharmaceutical company Novo Nordisk. She has 15 years of experience with industrial statistics and application of data analysis to business decisions. She holds a PhD in mathematics, and has published on effective communication of data and analysis results.

Christian Ritter has worked for 20 years as a statistical consultant on a wide mix of projects including R&D, production, forensics, assisted procreation, media ratings, and wine tastings. He also teaches statistical consulting at the Université Catholique de Louvain, Belgium. Statistical graphics is one of his favorite interests.

Workshop type:

Full day.

Date:

September 04, 2011.

Registration and further information:

http://www.enbis.org/events/current/173_Statistical_Graphics__How_to_Make_Them_Effective__Revealing__and_Beautiful/