**PhD course on statistics**

– Data analysis for the humanities without (much) maths

NTNU, Trondheim. Spring 2014.

This spring the Norwegian Graduate Researcher School in Linguistics and Philology will offer a PhD course on statistics. The course will take place at NTNU Dragvoll March 5-7, 2014. The course can be taken as the full 10 ECTS requirement in theory or a reduced 5 ECTS variant. The 10 ECTS version requires a paper in addition to attending the course.

**General description:**

This course is for any student in the social sciences or humanities that anticipates the need to analyse their own quantitative data set. It is appropriate for those with little to no background knowledge of statistics or someone who wants a refresher course at the introductory level. The course explores the different types of variables that one might measure in a typical study, outlines the decisions that need to be made when choosing appropriate statistical test, and how output are interpreted. The emphasis of the course is to understand the logic and rationale of the statistical tests and their assumptions rather than on their mathematical calculations. At the end of the course, students should feel comfortable that they have appropriate background knowledge to choose and apply statistics within their own field of research.

**Schedule:**

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| **Wednesday** | **March 5th** |
| 12:00-14:15 | Lunch, Bare Bambus, Dragvoll Cafeteria |
| 14:15-16:00 | Joel B. Talcott, Psychology Department, Aston UniversityRoom D7 |
| **Thursday** | **March 6th** |
| 10:15-12:00 | Joel B. Talcott, Psychology Department, Aston UniversityRoom D2 |
| 12:00-13:15 | Lunch, Bare Bambus, Dragvoll Cafeteria |
| 13:15-15:00 | Joel B. Talcott, Psychology Department, Aston UniversityRoom D154 |
| 19:00 | Conference dinner |
| **Friday** | **March 7th** |
| 10:15-12:00 | Joel B. Talcott, Psychology Department, Aston UniversityRoom D2 |

**Literature:**

Tabachnick, Barbara G. (2007). Using multivariate statistics London : Pearson.

Pett, Marjorie A.(1997). Nonparametric statistics for health care research : statistics for small samples and unusual distributions. Thousand Oaks, Calif. : Sage Publications.

Langdridge, D. (2009). Introduction to Research Methods and Data Analysis in Psychology (2ndedition).Harlow, UK: Prentice Hall.

Dancey, C. P. (2007). Statistics without Maths for Psychology (4thedition). Harlow, UK: Pearson Education.

To sign up for the course you should send an email to Maria F. Asbjørnsen by February 21st.

For more information, please contact the course coordinator Associate Professor Terje Lohndal.