Personal data

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Formal courses on teaching and advising

Half day course on holding MUS with PhD students, September 2013.
Participated in the 'Educational Lounge' seminar series
Holds certificate 'Teaching in English at SDU', 2016
Half day course on holding MUS, October 2019.
PhD supervisor course at SDU, January 2020

Administrative tasks related to education

Member of the Natural Sciences PhD Study Board (and chairman of local PhD committee), 2008-2014
Committee member for the Mathematics-Economics education, 2006-present
Member of IMADA's teaching committee, 2013-present
Member of the 'Censorkorps' in statistics, 2018-present

Some courses I have taught

Undergraduate:
Statistical modelling, Multivariate statistics, Prediction and classification, Multivariate statistics and chemometrics, Generalised linear models, Statistical design and analysis of experiments, Computational statistics, Probability theory

Graduate:
Probability theory, Asymptotic statistics, Extreme value statistics, Survival analysis, Order statistics, Seminar in statistics for master studies (at University of Vienna)

These are courses I developed myself

Supervision

PhD students: 3 completed and one ongoing
Chairman of PhD evaluation committee for 2 students
Master students: 4
Bachelor students: 8
Supervision of first year projects on regular basis

Methods and materials

While teaching I try to activate students by giving them small problems on which they can work for a couple of minutes, individually or in small groups, followed by a discussion. This approach gives students during class time to reflect about the course material, and get immediate feedback about their progress and understanding, and communication with peers, and actually having to explain concepts, also often contributes through reflection to a deeper understanding. Besides the classical lectures the statistics courses also consist of exercise sessions and computer labs, where active participation is required. In these the students can train themselves – in presence of a teaching assistant, who helps in case they get stuck, and also gives feedback– in solving problems of various levels of difficulty, sometimes routine calculations, but also assignments that require insight and that go slightly beyond the scope of what they have seen, though that can be solved by a creative use of their current knowledge.

To facilitate this approach I use the e-learning system to announce the topics and reading for the next lecture, so students can prepare.

Educational development

Participated in the 'Educational Lounge' seminar series
As member of the teaching committee I am involved in discussions of various topics related to teaching and education