

Introduction to the Statistical Software Stata®

Description

This course is a practical introduction to Stata®, a statistical analysis software (www.stata.com). The following topics will be covered: data import and export, data manipulation, statistical analysis, graphical representation and an introduction on loops (repetitive tasks). We will also show how to use additional user written commands that are not “official Stata”. Students should bring their own laptop for the practical work.

Participants should have basic statistical knowledge. Programming skills are not required.

As Stata is a commercial software product, we will make a temporary licence available for the course. We will also help to get a permanent student licence.

Objectives

By the end of this 2 day course, students will be able to run a typical STATA project: import data from text or Excel files, perform data manipulation (including using labels), save manipulated data, perform simple statistical analysis and graphical representation of the data.

Dates

23 / 24 October 2017

Eligibility

Open to PhD students of SSPH+ public health program, to other students and other interested people (with preference for the PhD students in case of limited places).

Participants must bring their own laptops.

Course Structure

Lessons and practical exercises.

Assessment

A little project (exam) will have to be completed after the course. The exam will be similar in scope and difficulty to the practical exercises of the course.

SSPH+PhD Program:

Program Coordination Ann Walser

Academic Lead Prof. Matthias Egger
Prof. Thomas Abel

Contact:

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PhD Program in Public Health

Credits	<p>0.75 ECTS</p> <p>Preliminary Work: 1 h, Contact: 14 h, Wrap-Up Work: 7 h</p> <p>(1 ECTS corresponds to appr. 30 hours' work)</p>												
Facilitator	<p>Dr. Adrian Spoerri, Institute of Social and Preventive Medicine (ISPM) Bern</p>												
Location	<p>University of Bern, Room: tba</p>												
Course Fees	<table border="0"> <tr> <td>SSPH+ PhD Students</td> <td>0.- CHF</td> </tr> <tr> <td>Applying SSPH+ Students</td> <td></td> </tr> <tr> <td>External PhDs</td> <td>225.- CHF</td> </tr> <tr> <td>MD Students</td> <td></td> </tr> <tr> <td>Other Academics</td> <td>637.50 CHF</td> </tr> <tr> <td>Industry</td> <td>937.50 CHF</td> </tr> </table> <p>(Participants are asked to pay 300.- CHF, 850.- CHF or 1250.-CHF per ECTS.)</p>	SSPH+ PhD Students	0.- CHF	Applying SSPH+ Students		External PhDs	225.- CHF	MD Students		Other Academics	637.50 CHF	Industry	937.50 CHF
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Registration	<p>Please register online on our website</p>												
Deadline	<p>23 September 2017</p>												
Max. Attendance	<p>18</p> <p>(preference is given to SSPH+ PhD Students)</p>												

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