

Meta-analysis: Advanced methods using the Stata software

This is a provisional description of the course

Lausanne, 8 – 11 September 2020

Registration deadline: 15 July 2020

This course is dedicated to the learning of statistical methods of meta-analysis and their implementation in the Stata software. Meta-analysis is key to the synthesis of quantitative data within the framework of a systematic review.

Participants will get a deep understanding of the statistical concepts of meta-analysis, and learn how to carry out meta-analyses with the Stata software.

One day is entirely dedicated to using Stata, which is a very convenient and powerful software for carrying out meta-analyses.

The Meta-analysis course is preceded (7 September) by a one-day course: Introduction to **Systematic Reviews**, which can be booked together with the Meta-analysis workshop.

Objectives:

- Get a thorough understanding of the statistical concepts of meta-analysis.
- Apply the Stata software commands necessary to conduct meta-analyses with confidence.

Target audience:

- Researchers, authors (or future authors) of systematic reviews in medicine and healthcare, with prior basic knowledge in the fields of systematic reviews, clinical epidemiology, evidence-based medicine and healthcare, and statistics.
- Group of maximum 20 participants.

Prerequisites:

- Participation in a course on systematic reviews or equivalent (certificate).
- Some knowledge of biostatistics (calculation of means, variance, proportion, odds ratio, risk ratio, correlation, linear regression).
- Knowledge of research methodology (study designs, bias, risk measures).
- **Participants use their own computer. They will have downloaded the Stata software, Version 16, which is included in the participation fee. They will receive the link to their access code per email, once their registration is confirmed, prior to the course.**
- Good command of written English.

Contents:

Tuition includes interactive sessions allowing the participants to practise the theoretical concepts and methods presented during the course.

Course responsibility:

Dr PD Patrick Taffé, Senior Statistician, University center of primary care and public health (Unisanté), Lausanne University, Switzerland.

Duration: 4 days

Expected participation fee:

Course	Fees (CHF)	Student fees (CHF)	Cochrane author fees (CHF)
Systematic Reviews one-day course	300.-	250.-	250.-
Systematic Reviews + Meta-analysis (5days)	1'900.-	900.-	1'200.-
Meta-analysis (4 days)	1'700.-	700.-	1'000.-

The fees include coffee breaks, lunch and course documentation

For participants of the meta-analysis course alone or in combination with the systematic review course the fees include coffee breaks and lunch, course documentation and one Stata 16 licence.

Participants already using Stata 16 on their laptop will benefit from a discount of CHF 200.00.

Please note:

If the candidate's profile does not match the prerequisites mentioned above, we might refuse registration. The participation fee must be settled at least three weeks prior to the course by means of the invoice that will be sent to all candidates having received a participation confirmation. We reserve the right to cancel the course if there are too few registrations.

Any withdrawal within three weeks before the course is subject to a cancellation charge amounting to 50% of the participation fee. The entire fee remains due to Cochrane Switzerland in the case of a withdrawal within one week prior to the course. Participants who are unable to attend due to imposed travel restrictions at the time of the course will be refunded.

Certificate:

A certificate of attendance will be issued to participants having completed the course.

Enquiries :

Secretariat Cochrane Switzerland/Unisanté
Tél. +41 (0)21 314 72 62 (mornings)
suisse.cochrane@unisante.ch