Meta-analysis:
Advanced methods using the Stata software

Lausanne, 3-6 September 2019

Registration deadline: 1 July 2019

This four-day 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.

The first day (3 September 2019) is entirely dedicated to using Stata, which is a very convenient and powerful software for carrying out meta-analyses.

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 15, 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:
Day 1: *A Stata crash course* (3 September 2019, 9h00-17h00)
Day 2-4: *Meta-analysis methods* (4-6 September 2019, 9h00-17h00)

Place:
Days 1, 3 & 4: *Room EST, La Ferme, Epalinges*
Day 2: *Salle Delachaux, IUMSP, Route de la Corniche 10, 01/149*

Participation fee:
CHF 1700.00 (Cochrane review authors CHF 1000.00, students CHF 700.00), including coffee breaks, course documentation, one evening meal and one licence to Stata 15.
Participants already using Stata 15 on their laptop will benefit from a discount of CHF 200.00.

Please note:
Candidates will receive a participation confirmation after 1 July 2019. 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.

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

Enquiries :
Mrs. Lucienne Boujon
Secretariat Cochrane Switzerland/Unisanté
Tél. +41 (0)21 314 72 62 (mornings)
swiss.cochrane@chuv.ch