

Meta-analysis: Advanced methods using the STATA software

Lausanne, December 7 to 9, 2016
Salle séminaire 7, rue du Bugnon 21 04/114

This 2.5 days course is dedicated to the statistical meta-analysis method, which is the key to quantitative data synthesis within the framework of a systematic review.

Targeting primarily researchers and authors of systematic reviews, it will use the STATA software and tackle in detail the methodological and statistical elements which will enable the participants to deepen their knowledge of the meta-analysis technique. It will be preceded by a one-day optional training for participants wanting to renew their knowledge of STATA.

Objectives:

- Understand and carry out the meta-analysis statistical concepts.
- Master and apply the STATA software commands necessary to conduct a meta-analysis.

Target audience:

- Researcher, author (or future author) of systematic review 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 to a course on systematic reviews or equivalent (certificate).
- Command of the STATA software.
- Some knowledge of biostatistics (calculation of mean, variance, proportions; odds ratio, risk ratio; correlation, regression).
- Knowledge of research methodology (study designs, bias, risk measures).
- **Participants use their own computer. They will have downloaded the STATA software, Version 14, which is included in the course price and will be mailed to them once their registration is confirmed, prior to the course.**
- Good command of written English.

Contents:

Tuition includes exercises allowing the participants to practice the concepts presented during the course.

Course responsibility:

Dr. Patrick Taffé, Statistician, Institute of social and preventive medicine (IUMSP), CHUV and Lausanne University (Switzerland).

Duration: 2.5 days course, 7 December, 14h00-17h15, 8-9 December 2016, approx. 9h00 to 17h15
Refresher STATA: 1 day course: 1 December 2016, 8h15-17h00

Place: Salle séminaire 7, rue du Bugnon 21, 04/114
Refresher STATA: Salle de conférence Delachaux, Route de la Corniche 10/level 01/149,
1010 Lausanne

Participation fee:

Course: CHF 1100.00 (Cochrane authors CHF 600.00, students CHF 400.00), coffee breaks, course documentation and STATA software included.

Refresher STATA: CHF 200.00 (CHUV) or CHF 300.00 (non-CHUV).

The registration fee must be settled at **least three weeks prior to the course** by means of the invoice which will have been sent to all candidates having received a participation confirmation.

Any withdrawal within three weeks before the course is subject to a **cancellation charge** amounting to **50% of the registration fee**. The **entire fee remains due to Cochrane Switzerland** in the case of a withdrawal within a **week prior** to the course.

Deadline for registration : November 1, 2016.

Certificate:

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

Enquiries :

Mrs. Lucienne Boujon
Secretariat Cochrane Switzerland/IUMSP
Tél. +41 (0)21 314 72 62 (mornings)
lucienne.boujon@chuv.ch

Note:

Reference books:

- Introduction to Meta-Analysis ; M. Borenstein et al ; Wiley
- Cochrane Handbook for Systematic Reviews of Interventions ; Higgins, Green ; Wiley

Conditions:

Participants will receive a confirmation. We reserve the right to cancel the course in the case of insufficient registrations. We also reserve the right to refuse a registration if the candidate's profile does not match the prerequisites.