Global Network Meta-analysis workshop

28 March 2022 to 2 May 2022

What is a network meta-analysis?
Network meta-analysis is a statistical method that enables the comparison of three or more interventions simultaneously and goes beyond simple pair-wise comparisons. It tells us which treatment option is the best.
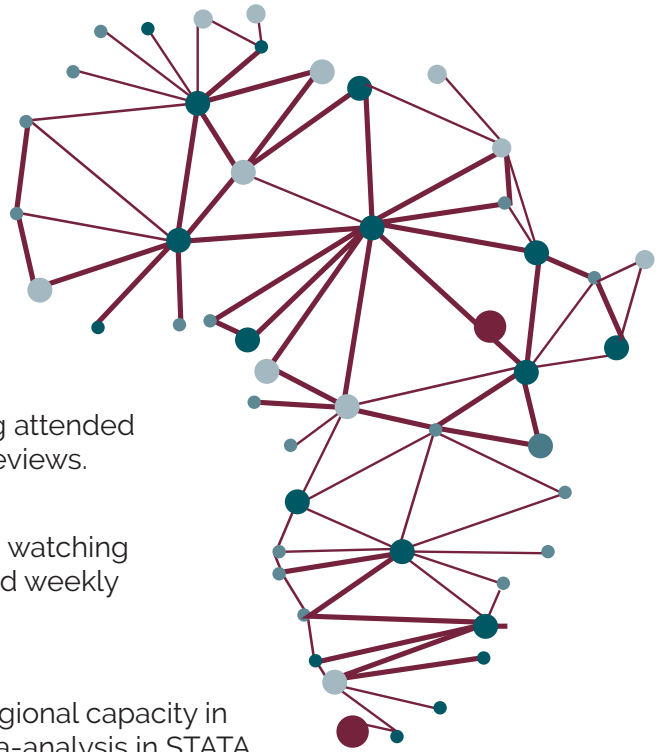
Who is this for?
Clinicians, students and researchers who have basic knowledge of biostatistics and epidemiology and are interested in conducting network meta-analysis. Experience in conducting systematic reviews will be advantageous, or having attended the Primer in Network Meta-analysis Systematic Reviews.

Format:
Online workshop: 4-5 hours of self-study per week: watching recorded lectures, hands-on exercises in STATA and weekly synchronous Q&A sessions.

Aims and Objectives:
The aim of the workshop is to develop local and regional capacity in conducting systematic reviews using network meta-analysis in STATA for health researchers, decision makers and students in HIV/AIDs.

At the end of the course, participants will be able to:

1. Understand and apply pairwise and network meta-analysis (NMA) in STATA
2. Evaluate NMA assumptions and confidence in NMA results
3. Appropriately report NMA results

TIMELINE

Week 01
Online orientation, welcome and pre-reading
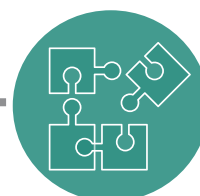
Introduction to STATA

Introduction to STATA practical

Week 02
Overview of pairwise meta-analysis, meta-regression and small study effect

Pairwise meta-analysis and meta-regression practical

Week 03
Planning for NMA

NMA theory

Week 04
NMA practical in STATA

Week 05
Evaluating NMA assumptions

Ranking of interventions

Evaluating confidence and certainty of NMA results

Post course content

Duration: 5 weeks

Dates: 28 March 2022 to 2 May 2022

If interested, please contact: Liesel Floor: lieselfloor@sun.ac.za

Cost: Bursaries available for 20 participants, STATA licenses will be provided

Application deadline: 24 March 2022

Centre for Evidence Based Health Care

UNIVERSITEIT iYUNIVESITHI STELLENBOSCH UNIVERSITY

100
1918 · 2018

STELLENBOSCH · 1956