SYSTEMATIC REVIEW AND META-ANALYSIS WORKSHOP

iGHP and Department of Global Health Policy, University of Tokyo will organize a two-day systematic review and meta-analysis workshop. Prof. Shahjahan Khan, University of Southern Queensland and Dr. Mizanur Rahman, assistant professor from the dept of Global Health Policy at the University of Tokyo will facilitate this workshop. Due to exponentially growing scientific literature, it is critical to synthesize reliable research for evidence-based decision making. Systematic reviews play a vital role for providing updated and reliable synthesis of established evidence. This two-day workshop covers from fundamental understanding to providing a step-by-step guidance on how to independently conduct a systematic review and meta-analysis. You are all encouraged to attend.

Date & Time	September 27 and 28, 2018, 10:00-16:30
Venue	Seminar room, 3rd Floor, Ito International research center, University of Tokyo 7-3-1, Hongo, Bunkyo-ku, Tokyo https://www.u-tokyo.ac.jp/adm/iirc/en/access.html
Access	http://kyokuhp.ncgm.go.jp/eng/aboutus/access.html
Language	English
Fee	Free (pre-registration is required)

Please bring laptop and writing materials with you.

Programs (tentative)

Day 1) Overview and literature search

10:00-12:00: Overview of systematic reviews
Search strategy and screening   Endnote

12:00-13:00 Lunch break (Lunch will be provided. Please let us know any food restriction if you have)

13:00-16:30 Introduction to meta-analysis
Data extraction, input and cleaning   Meta-analysis using Stata (basic)
Assignment (data entry)

Day 2) Advanced meta-analysis

10:00-12:15 Meta-analysis using Stata (advance)   Publication bias assessment
Sub-group and meta-regression analysis

12:15-13:30 Lunch break

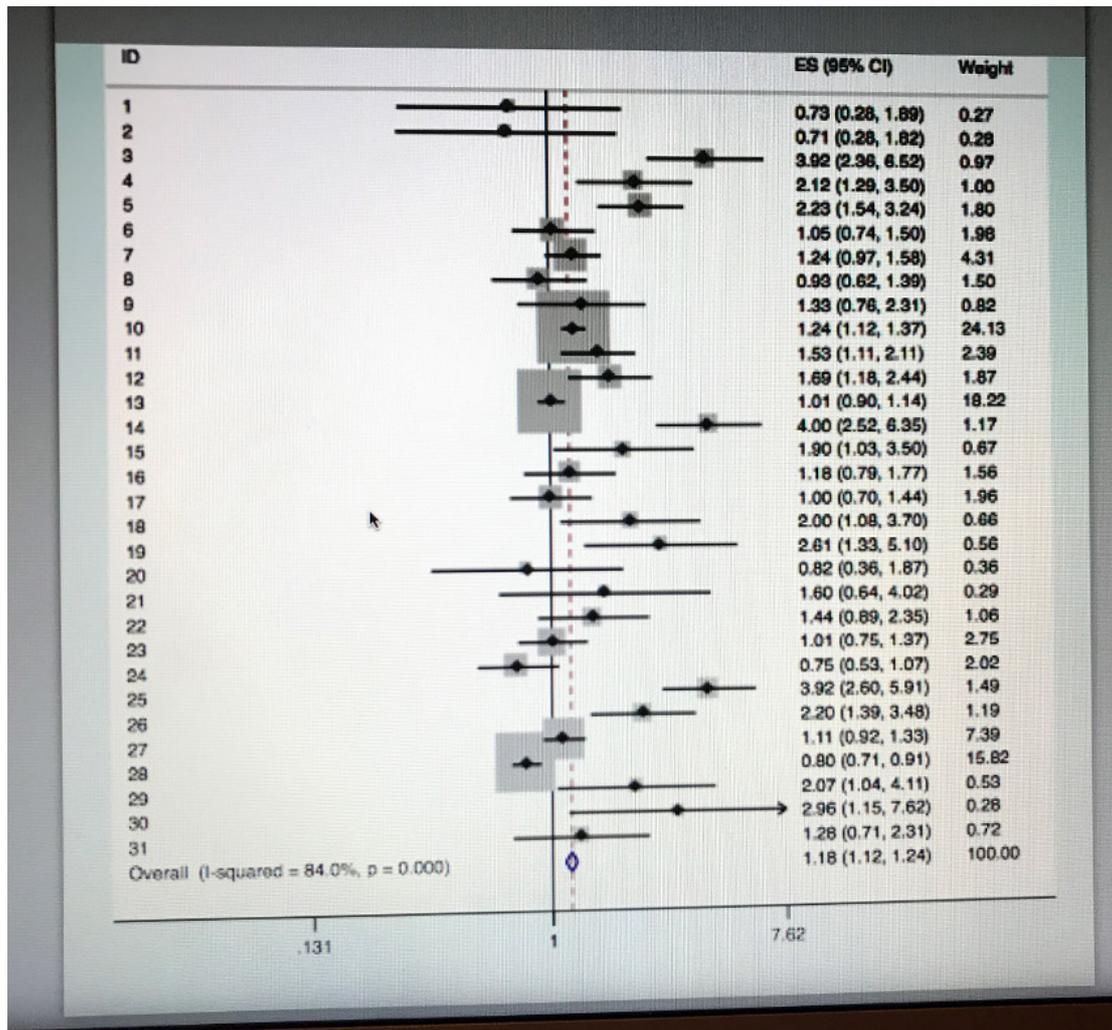13:30-16:45 Dose-response meta-analysis
Quality assessment
Reporting system

Report on "Systematic review and Meta-analysis Workshop" (September 27 – 28, 2018)

The Workshop on Systematic Review and Meta-analysis, organized by iGHP and Department of Global Health Policy (GHP) of the University of Tokyo, was held from 27 to 28th of September 2018. The workshop had over 40 participants from academia and research institutes, NGOs and the private sector.

This hands-on workshop, which was held at the beautiful Ito International Research Center of the University of Tokyo campus, introduced methods on systematic review and meta-analysis from how to conduct your search strategies all the way to an introduction on various statistical models.
With a special guest lecturer, Professor Shahjahan Khan of the University of Southern Queensland in Australia, the participants received an easy to understand lectures on the statistical concepts used behind systematic review and meta-analysis.

In addition, Dr Mizanur Rahman of Tokyo University provided step-by-step instructions on how to conduct analysis through his interactive sessions. The participants conducted their own analysis on Stata using a practice dataset. With the clear instructions by Dr. Rahman, even first-time users of Stata were able to perform meta-analysis and meta-regression to create a graph such as the one pictured below.

The workshop was highly received by all the participants. Some even left comments of how they couldn't believe such high-quality workshop could possibly be offered for free.