

Systematic Reviews 2.0: New reviews tools in town and make your Meta-Analysis... Bayesian!

Gian Luca Di Tanna, PhD, MPhil

Department of Innovative Technology
SUPSI, Lugano, CH



Systematic Reviews and Meta-Analysis are the cornerstone of evidence synthesis, and hence evidence-based decision making in healthcare. Given the current biomedical infodemic (accelerated by the spread of COVID-19 and the need of immediate collections of evidence), they are essential for clinicians to keep up with accumulating evidence from primary studies. New types of reviews and pooling processes have been developed and proposed in recent years such as living systematic reviews (LSR) and prospective meta-analysis (PMA). Bayesian Meta Analysis (BMA) is particularly appealing - actually, natural - for these designs as it clearly reflects the process of learning, defined as new evidence coming to update the previous knowledge, that is intrinsic to LSRs and PMAs.

Gian Luca Di Tanna is an international expert on statistical methods in randomized clinical trials and observational research with a specific interest on Bayesian methods, evidence synthesis/meta-analysis and their use to inform new studies and health economic evaluations. He is Professor of Biostatistics & Health Economics and Head of Research of the Department of Business Economics, Health and Social Care (DEASS) at the University of Applied Sciences and Arts of Southern Switzerland (SUPSI).

The seminar will be also available on ZOOM:
MEETING ID: 651 0002 8770
PWD: 490973

Friday, 17 March 2023 | 2:30-3:30 pm

Aula De Lillo, 2 floor, Building 7, Via Bicocca degli Arcimboldi 8, Milano