

META-ANALYSIS

Larry Hedges

Northwestern University Chicago

SYSTEMATIC REVIEWS

Andranik Tumasjan

JGU Mainz

Date

Content

Location

Monday

January 15th 2024
09:00 a.m. – 05:30 p.m.

Systematic reviews

with Prof. Andranik Tumasjan
& University library Mainz

Dekanatssaal

Dep. 03, JGU
Jakob-Welder-Weg 9
55128 Mainz

Tuesday

January 16th 2024
09:00 a.m. – 05:30 p.m.

Meta-analysis

with Prof. Dr. Larry Hedges

META-ANALYSIS session

with Larry Hedges



The instructor for the meta-analysis session will be **Prof. Dr. Larry Hedges** from Northwestern University Chicago. Prof. Hedges is one of the world's most prominent experts in meta-analysis. He has been a key figure in developing the statistical methodology of meta-analysis as it is now being used across scientific disciplines. His work, which includes some of the standard textbooks on meta-analysis, has been cited over 130,000 times throughout the social, medical and biological sciences. Prof. Hedges has received numerous awards, including the Yidan Prize for Education Research, the world's most prestigious and largest education prize.

Prof. Hedges will introduce you into the concepts and statistical methodology of meta-analyses. He will teach you how to conduct meta-analyses yourself using hands-on examples and exercises (in STATA). After this workshop, participants will be able to understand and conduct meta-analyses in their future research. This workshop offers young researchers a unique opportunity to interact with and learn from the world's leading expert in the statistical methodology & application of meta-analysis.

[Larry Hedges: Department of Statistics and Data Science - Northwestern University](#)



[Prof. Dr. Andranik Tumasjan](#)
(uni-mainz.de)

Our workshop offers a comprehensive journey through the landscape of **systematic literature reviews**, emphasizing **synthesis over mere summarization**. You will learn the critical steps for creating solid and valuable reviews based on best-practice guidelines, including the 'Ten Commandments' for crafting literature reviews. We will also focus on common pitfalls that researchers encounter and advise you on how to sidestep them. At the end of the workshop, you will have a holistic understanding of the entire process of creating systematic literature reviews and will be equipped with the knowledge and skills needed to **craft your own high-quality review**.

A dedicated team of subject librarians from Mainz University Library will provide valuable guidance on the careful structuring of an appropriate search strategy for systematic reviews. You will master advanced search techniques such as truncation, phrase searching and controlled vocabulary terms, and gain a thorough understanding of the nuanced use of **Boolean operators** to combine keywords and phrases. Databases such as **PsycINFO**, **Web of Science** and search engines such as **Google Scholar** will be introduced. Lecturers will also cover the use of forward and backward citation searches, artificial intelligence search aids, and the sophisticated features of reference management software, all essential components for conducting a rigorous systematic review.



[UB Mainz](#)
(uni-mainz.de)

Target audience & goals of this workshop

This workshop is designed for **researchers & students** from disciplines of the **social sciences**. The main goal of the workshop is to introduce participants into systematic reviews & meta-analyses and enable them to conduct those independently in their **future research projects**.

Application & participation fee

You may participate in both sessions independently.

The participation fee is **€ 15 per day** (€ 7.50 per day for Bachelor/Master students).

Please apply using this form:

[Workshop registration form](#)
by **November 24th 2023**

IPP members will be prioritized. Upon acceptance, you will be asked to transfer the participation fee.

The workshop is organized by the [Chair of Statistics and Econometrics](#) (Prof. Dr. Reyn van Ewijk) and the [Chair of Social Stratification Research](#) (Prof. Dr. Gunnar Otte) and supported by the [JGU Research Unit Interdisciplinary Public Policy \(IPP\)](#).