Materials for the block on easymeta.org and AI in meta-analysis

meta-analysis.cz

MAER-Net Colloquium 2026, TU Chemnitz, 23–25 September 2026
Workshop "Meta-Analysis in Economics — Methods and Practice", Part 2
Wednesday 23 September 2026, 11:15–12:45 | Room C25.017
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Bring a laptop: most of the 90 minutes are hands-on. We work in easymeta.org, which runs MAIVE, RTMA, PET-PEESE, the endogenous kink and the standard models in the browser; start with the demo data, then bring your own. MAIVE is one of those models, and it is there for spurious precision: the standard error in observational research is estimated, so it can be p-hacked, and inverse-variance weighting is then misled. I then cover the two 2026 guidelines on AI use in meta-analysis, and finish by demonstrating the protocol we use to stress-test meta-research. Everything we touch sits on meta-analysis.cz, together with the papers, their data and code, and the datasets you can practise on.

Start here: meta-analysis.cz

`meta-analysis.cz/datasets/` 45 estimate-level datasets with codebooks and DOIs, plus a pooled table of 49,669 estimates.

`meta-analysis.cz/papers/` 54 meta-analyses in full, nearly all with their data and code. Open the one nearest your topic.

`meta-analysis.cz/results/` One answer per paper, with its caveat, and all of them in estimates.csv.

`meta-analysis.cz/notes/` Short notes on methods and tools, and on what is new.

Hands-on: easymeta.org

`easymeta.org` MAIVE, RTMA, PET-PEESE, the endogenous kink and standard models, with a demo dataset to start.

`meta-analysis.cz/maive/how-to/` What your file needs (effect, se, n_obs, study_id), plus a paste-in protocol for AI assistants.

`meta-analysis.cz/maive/how-to/alpha.csv` The worked example, ready to upload.

Try this. Take the dataset from `/datasets/` closest to your own literature, run it in easymeta, and compare what you get with that paper's number on `/results/`.

Behind one of the models, MAIVE:

`meta-analysis.cz/maive/` The paper in full, with supplement, slides and replication package.

`doi.org/10.1038/s41467-025-63261-0` Irsova, Bom, Havranek and Rachinger (2025), *Nature Communications* 16, 8454.

`cran.r-project.org/package=MAIVE` The R package, if you prefer R to the browser.

The 2026 guidelines on AI in meta-analysis

`doi.org/10.1111/joes.70105` Cook et al. (2026): Guidance for the Use of AI in the Meta-Analysis of Economics Research.

`doi.org/10.1111/joes.70116` Cook et al. (2026): Reporting Guidelines for Meta-Analysis in Economics, Updated for AI.

`meta-analysis.cz/guidelines/` The practitioner's guide (Irsova et al. 2024), in full.

AI stress-testing, demonstrated

`github.com/tjhavranek/mad-research` A Claude Code skill: Claude calls Codex and returns the trail.

`github.com/tjhavranek/paper-workshop` A referee panel that stress-tests a paper, then revises it in track changes.

`meta-analysis.cz/notes/maer-stress-testing/` How the protocol works, and why we automated it.

Everything on the site is CC BY 4.0. Cite the pooled data as Havranek and Irsova, doi.org/10.5281/zenodo.21773678.