Workshop (Via Zoom)

Practical meta-analysis workshop: Conducting open and reproducible correlational and experimental meta-analyses

3:00 p.m. – 6:00 p.m. │February 15, 2021 (Monday)

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Abstract

In this 3-hour workshop, I will introduce practical procedures, methods, and hands-on tools to conduct a meta-analysis incorporating some of the latest advancements in psychological science and open-science (e.g., meta-analysis pre-registrations/Registered Reports, transparency and disclosures, advanced bias estimates with p/z-curves, etc.). I'll also cover and demonstrate how to do a mini meta-analysis on your own findings (internal meta analysis).

I will cover both experimental and correlational metas and will be demonstrating meta tools such as the Shiny webapps (MAVIS), JAMOVI click-n-run software with the wonderful MAJOR extension, JASP, R Markdown code for automated meta-analysis outputs. I will also be going over recent standards and templates for achieving open reproducible meta-analyses (e.g., Registered Reports templates, OSF meta pre-reg template, NIRO, etc.).

To get you started before the workshop…
Tools:
Download and install R/RStudio, here's a quick how to video: https://www.youtube.com/watch?v=d-u_7vdag-0
Download and install JAMOVI (open it afterwards to make sure it loads well): https://www.jamovi.org/download.html
MAJOR JAMOVI extension: https://github.com/kylehamilton/MAJOR (built in when you install JAMOVI)
Download and install JASP: https://jasp-stats.org/download/
Link for MAVIS (just open it in your browser, maybe look around a bit): http://kylehamilton.net/shiny/MAVIS/
* R proficiency is NOT a must for this workshop, it's also not a workshop about R. You do not need to know R to gain from this workshop, but I will demonstrate some R tools that will hopefully get you to also consider transitioning to R.

Resources:
On registered reports: https://cos.io/rr/ (over 250 journal now support Registered Reports!)
Previous workshops on Registered Reports and on R/JAMOVI/JASP:
https://www.youtube.com/playlist?list=PLRAF6P3W1K4cvLnkXXHb0jFUR-OwVcJ9k
Our HKU experimental Meta-Analysis Registered Report main manuscript Template: https://mgto.org/exp-ma-rr-template-main
Our HKU experimental Meta-Analysis Registered Report supplementary Template: https://mgto.org/exp-ma-rr-template-supp
Non-Interventional, Reproducible, and Open Evidence Synthesis (NIRO): https://osf.io/erkwa/
OSF meta pre-reg template: https://osf.io/preprints/metaarxiv/3nbea/

Please do go over the resources and prepare questions you'd like me to address in the workshop.
Feel free to email me in advance at gfeldman@hku.hk if there's a specific concern or practicality you'd like me to address.

Register in advance for this meeting: https://hku.zoom.us/meeting/register/tJcsc-mvqTgoE903Ql088L8-tpF0yk10eG5Z

After registering, you will receive a confirmation email containing information about joining the meeting.

~All are Welcome~

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