

Title: Many-Analysts Projects in Cognitive Psychology: A Practical Workshop

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Abstract:

In psychology, neuroscience, economics, epidemiology, and physics, researchers are beginning to appreciate the benefits of multi-analyst projects. Multi-analyst projects are research projects in which multiple independent analysis teams answer the same research questions using the same data. These projects aim to counter two common misconceptions, namely (1) that there is only one appropriate analysis pipeline to answer a given research question and (2) that given the same data and the same research question multiple teams will reach the same conclusions.

In this workshop, I will introduce multi-analyst studies and discuss how they can be realized in the field of cognitive psychology. The main part of the workshop will consist of a practical component: Participants will prepare (first workshop day), conduct (within the semester), and present (second workshop day) their own multi-analyst study using either their own data or data provided during the workshop. The goal is to gain practical experience on conducting multi-analyst studies - both as project-leaders and as analysts.

Assignment: Participants will prepare (first workshop day), conduct (within the semester), and present (second workshop day) their own multi-analyst study. Thus, for this workshop it is necessary to work on the projects also outside the depicted meeting days. The workload within the semester depends on the motivation of each team.

Credits: 3 workshop days