

What we've learnt from meta-analysis of SDT regulation types and how we can build a perpetually updating meta-analysis of our entire field

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Wouldn't it be nice if we could visit a website and instantly conduct a comprehensive meta-analysis containing whatever psychological variables we were interested in? In this presentation I'll be recapping meta-analytic studies I've conducted with colleagues on regulation types and outlining a path to achieve this new type of living, all-encompassing, and readily available meta-analysis. As a field we've assembled huge amounts of data and identified many interesting results. However, there's so much more we could achieve as a community by combining efforts. By compiling all of our existing data into a single, centralized database we would have assembled the history of SDT-related effects. From this, meta-analyses could be conducted containing any variables of interest in real time, and by anyone, via an online user interface. This idea is sometimes referred to as a "living" meta-analysis or a Community Augmented Meta-Analysis (CAMA). The key challenge to this idea is the scale of data being produced and ensuring that all newly collected datasets are being included. To solve this scaling issue, I'll be discussing a crowdsourcing approach in which we, as SDT researcher, code our own data as we collect and publish it. The end result of this collaborative effort would be a continually updating record of SDT findings that everyone is free to interact with. In time this practice may become a new aspect of open-science.