



RADLab
Regulation, Affect, and Development

“The first principle is that you must not fool yourself and you are the easiest person to fool.” – Richard Feynman

Open Science lessons for accelerating EMA/ESM research from a NIDA-funded study on alcohol and marijuana use

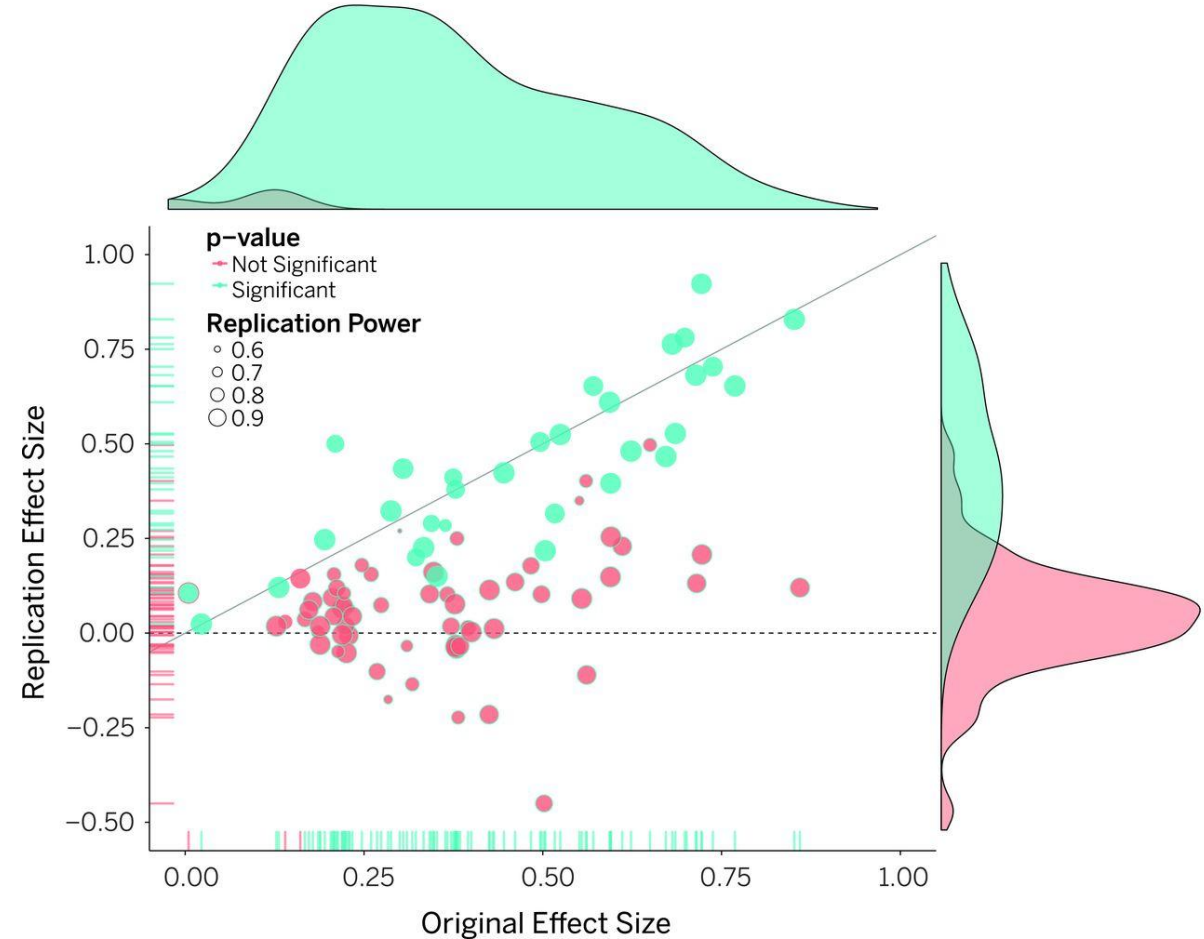
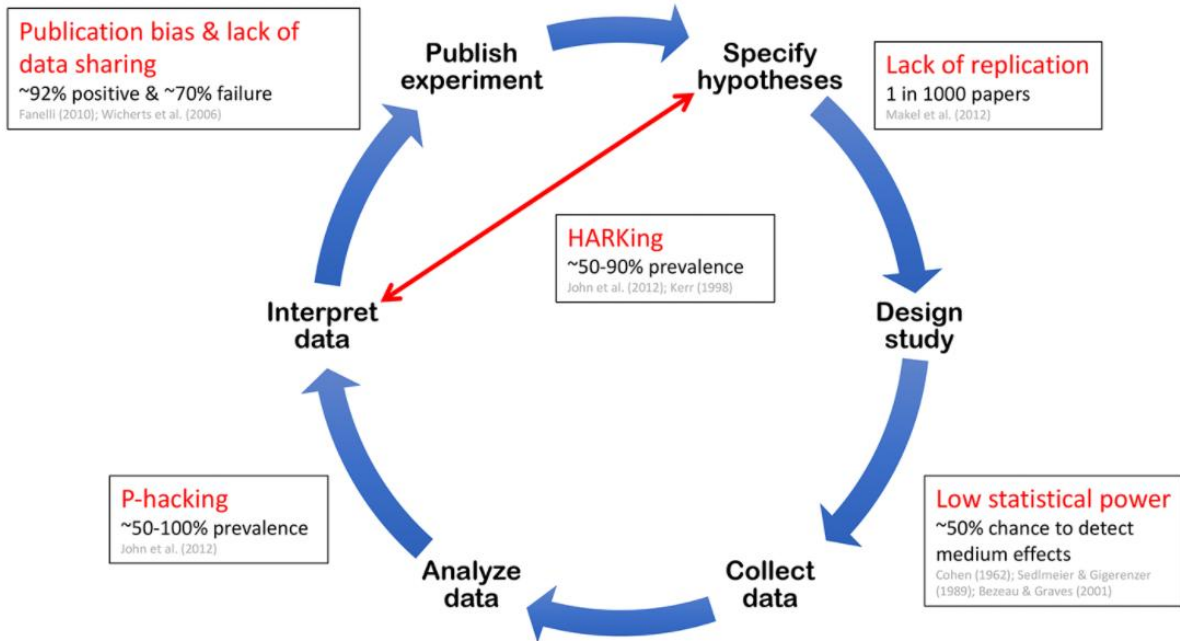
SAA conference 2023, Amsterdam

Jonas Dora

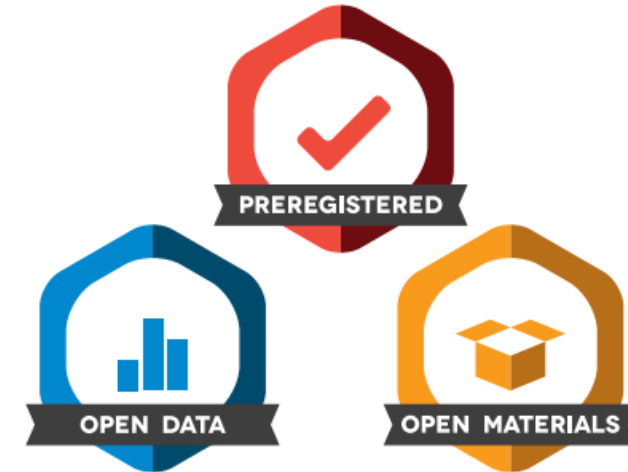
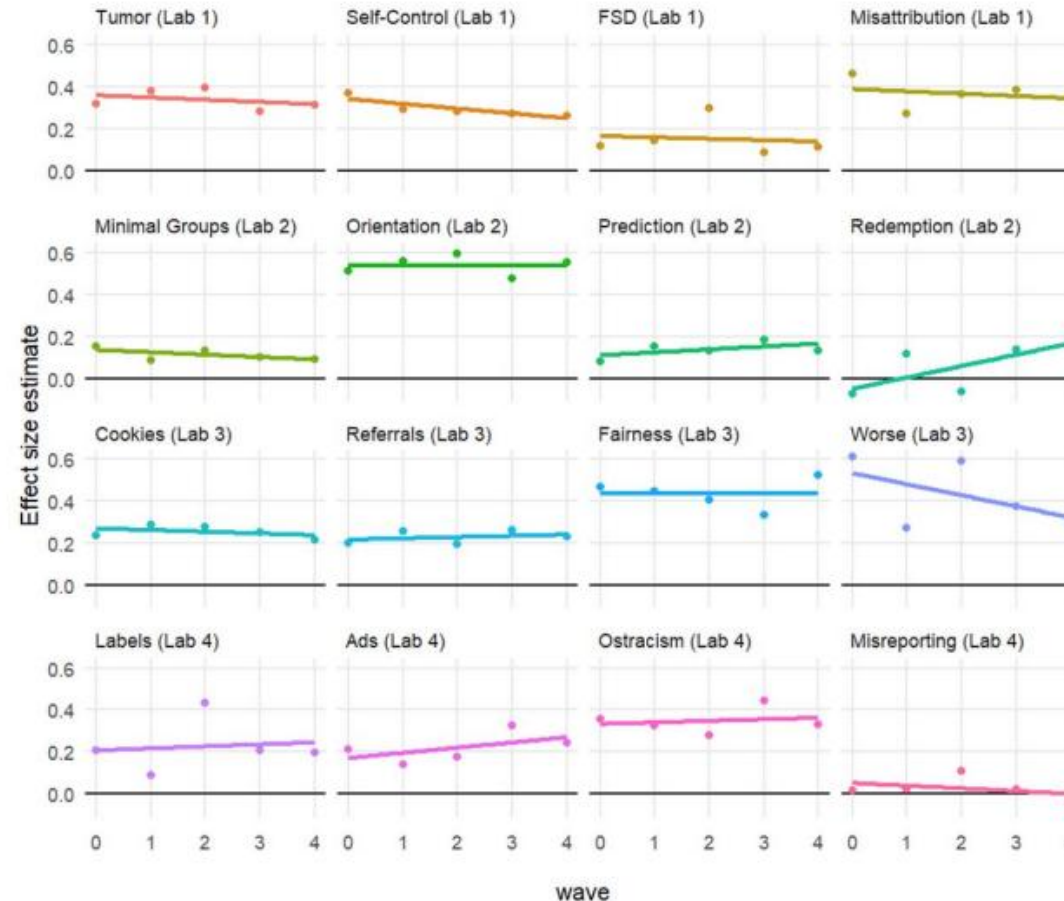
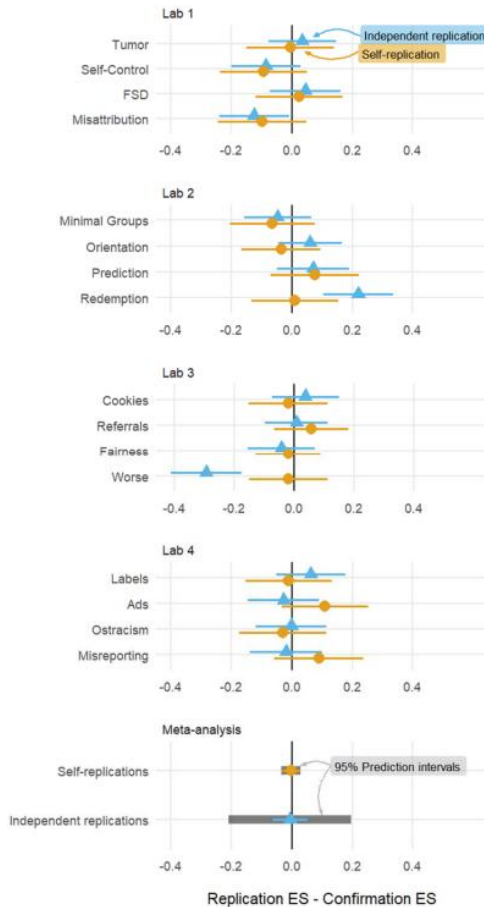
jdora@uw.edu



The record of published research in psychology *cannot* be trusted



The record of published research in psychology *could* be trusted



Open Science is *even more* important in EMA/ESM research

- EMA is a *fantastic* research design with many strengths (we all know this)

- EMA is also:

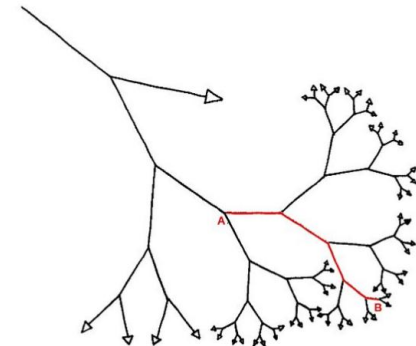
- Noisy
- High in complexity (e.g., data analytic decisions)

} = even more potential for bias!

- Expensive (money, time, effort)

- Difficult to replicate

} = even more important to get it right the first time!





How can we use Open Science to improve EMA/ESM research?

