

Replication value - Outline manuscript

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Manuscript structure

- **Introduction to the idea**

NWO replication grants Rolf Zwaan 2018 Journals accepting replication studies Big replication projects like RP:P, Many Labs, and other ones (find examples on CurateScience).

Explain the rationale and usefulness of a quantifiable replication value. Explain the rationale behind an impact/evidence type ratio.

- **Literature review**

Show that impact and evidence are often used to justify replications in the literature. Show other metrics that are also often featured in justifications of replication value.

- **What makes a good formula?**

- Objectivity vs subjectivity
- Brevity vs easy of calculation
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- **Formula proposals**

Need to determine which formula would make sense to present. Alternatively, we could present one formula, then experiment with various additions. E.g. start with a citations/n formula, then consecutively add altmetrics, standard deviations, statcheck errors,

- **Formula updating**

- Adding evidence from replications
- Adding impact from replications?
- When to stop replicating?

- **Formula performance**

- Simulations
- Results when running

- **Discussion and limitations**

- Ideal use-cases
- Limitations
 - * Assumes everything is equally theoretically interesting. Bem might be edge case.
- Future directions (theoretical impact/experiment selection, assigning weight functions empirically with conjoint experiments)