

Abstract

One or two sentences providing a **basic introduction** to the field, comprehensible to a scientist in any discipline.

Two to three sentences of **more detailed background**, comprehensible to scientists in related disciplines.

One sentence clearly stating the **general problem** being addressed by this particular study.

One sentence summarizing the main result (with the words “**here we show**” or their equivalent).

Two or three sentences explaining what the **main result** reveals in direct comparison to what was thought to be the case previously, or how the main result adds to previous knowledge.

One or two sentences to put the results into a more **general context**.

Two or three sentences to provide a **broader perspective**, readily comprehensible to a scientist in any discipline.

Keywords: keywords

Word count: X

Attentional Control Data Collection: An Open Data Resource for Attentional Control Research

Making data openly available has been a central demand by reformers since the start of the reproducibility crisis in psychology [REFS]. Fortunately, this demand has lead to a considerable increase in data availability. While only about 25% of data were shared after request in 2006 (Wicherts, Borsboom, Kats, & Molenaar, 2006), publicly sharing data upon publication is now more and more the norm. This cultural shift becomes more and more institutionalized. Universities and funding agencies prioritize open data, and some journals even mandate the publication of data with every published article (Sloman, 2015). In addition, technology like the Open Science Framework and other data sharing facilities enable an easy process for researchers, further reducing barriers to share data.

SQLite Data Base

Data Base Structure

Included Data

Accessing the Data Base

R-Package

Queries and Output

Example Analysis

Reliability of Experimental Tasks

A Closer Look at the Stroop Task

Discussion

References

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54 Sloman, S. A. (2015). Opening editorial: The changing face of cognition. *Cognition*, 135, 1–3.

55 Wicherts, J. M., Borsboom, D., Kats, J., & Molenaar, D. (2006). The poor availability of

56 psychological research data for reanalysis. *American Psychologist*, 61(7), 726–728.

57 Retrieved from <http://wicherts.socsci.uva.nl/datasharing.pdf>