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

Research

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Abstract 15

One or two sentences providing a basic introduction to the field, comprehensible to a 16

scientist in any discipline.

Two to three sentences of more detailed background, comprehensible to scientists 18

in related disciplines.

One sentence clearly stating the **general problem** being addressed by this particular 20

study. 21

One sentence summarizing the main result (with the words "here we show" or their 22

equivalent).

Two or three sentences explaining what the main result reveals in direct comparison 24

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**. 27

Two or three sentences to provide a **broader perspective**, readily comprehensible to 28

a scientist in any discipline.

Keywords: keywords 30

Word count: X 31

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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.

## SQLight Data Base

- 44 Data Base Structure
- 45 Included Data

43

46

Accessing the Data Base

- 47 R-Package
- 48 Queries and Output
- Example Analysis
- 50 Reliability of Experimental Tasks
- 51 A Closer Look at the Stroop Task
- Discussion

References

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