



Robert Thibault

Postdoctoral Scholar, SCRDP/ Heart Disease Prevention

Bio

BIO

Dr. Thibault studies how to increase the rigour and reproducibility of scientific research. His work focuses on developing and evaluating solutions to shortcomings in the research ecosystem. He completed a PhD in cognitive neuroscience at McGill University in 2019. His doctoral work focused on brain imaging, including neurofeedback, placebos, and suggestion. This work is outlined in his book, *Casting Light on The Dark Side of Brain Imaging*, co-edited with Dr. Amir Raz. He then worked as a postdoctoral researcher at the University of Bristol before joining the Meta-Research Innovation Center at Stanford University (METRICS) in 2021. His publications are available at <https://scholar.google.ca/citations?user=zI1x2UYAAAAJ&hl=en&oi=ao>

STANFORD ADVISORS

- John Ioannidis, Postdoctoral Research Mentor
- John Ioannidis, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Excess significance and power miscalculations in neurofeedback research.** *NeuroImage. Clinical*
Thibault, R. T., Pedder, H.
2022; 103008
- **Rigour and reproducibility in Canadian research: call for a coordinated approach** *FACETS*
Thibault, R. T., Munafo, M. R., Moher, D.
2022; 7: 18-24
- **Citation Patterns Following a Strongly Contradictory Replication Result: Four Case Studies From Psychology** *ADVANCES IN METHODS AND PRACTICES IN PSYCHOLOGICAL SCIENCE*
Hardwicke, T. E., Szucs, D., Thibault, R. T., Cruwell, S., van den Akker, O. R., Nuijten, M. B., Ioannidis, J. A.
2021; 4 (3)
- **Estimating the Prevalence of Transparency and Reproducibility-Related Research Practices in Psychology (2014-2017).** *Perspectives on psychological science : a journal of the Association for Psychological Science*
Hardwicke, T. E., Thibault, R. T., Kosie, J. E., Wallach, J. D., Kidwell, M. C., Ioannidis, J. P.
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