

Metascience of Consciousness

Motivation:

Both the science and philosophy of consciousness have been growing rapidly in recent years. However, given the amount of resources put into this research program, we do not see the progress one would might be lead to expect. This we think is an intestesting avenue to apply the tools of metascience.

Hypothesis:

Using computational tools, we will attempt to test the hypothesis that both the science and philosophy of consciousness have remained stagnant because of the circularity and flawed methodology of many debates within the research project.

Metascience Explanation:

Hoping to find evidence for our hypothesis, we would like to provide explanation(s) of why the science and philosophy of consciousness is appears to be trapped in such circles. It is here that we will draw on recent metascience work on the evolution and persistence of *bad* science:

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The natural selection of bad science

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Poor research design and data analysis encourage false-positive findings. Such poor methods persist despite perennial calls for improvement, suggesting that they result from something more than just misunderstanding. The persistence of poor methods



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