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D. Stephen Lindsay
Interim Editor in Chief
Psychological Science

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Dear Dr. Editor:

I am pleased to submit an original research article titled “Forgot what you like? Evidence for a hippocampal role in value-based decisions” by Bernd Weber, Iris Zweyer, Jan Wagner, Christian Elger, Elke Weber, Eric Johnson and myself for consideration for publication in the journal *Psychological Science*. Previous work by some of the coauthors implicated a role of memory related cognitions in value-based decisions. This paper builds on that notion by providing necessary neural correlates for this process.

In this manuscript, we show that patients with hippocampal lesions are selectively impaired when making value-based decisions and that their lesion size functions as an individual difference marker of the size of their impairment. These results have important implications for research both in judgment and decision-making as well as decision neuroscience. For work in judgment and decision-making our results pinpoint neural correlates for constructed preference models of decision-making evoking memory related processes. For decision neuroscience models it provides unique evidence illuminating necessary brain regions informing well-established regions involved in value-calculation.

We believe this manuscript is appropriate for publication by *Psychological Science* because it addresses issues at the interface of judgment and decision-making and neuroscience providing an interdisciplinary view of the psychological processes underlying decision-making. Our suggestions for reviewers reflect this cross-disciplinary expertise as well. Our manuscript utilizes a simple paradigm on a rare clinical neuropsychological sample to build on models in multiple literatures.

This manuscript has not been published and is not under consideration for publication elsewhere. We have no conflicts of interest to disclose. Thank you for your consideration!

Sincerely,



Ayşe Zeynep Enkavi
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