



Charité - Centrum für Neurologie, Neurochirurgie und Psychiatrie

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To the Editorial Board of
PLOS Biology

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Dear Sir or Madam,

We would be most grateful if you could consider our revised manuscript “**Bimodal inference in humans and mice**” authored by Veith Weilhhammer, Heiner Stuke, Kai Standvoß, and Philipp Sterzer for publication in *PLOS Biology*.

We would like to thank the editor and the reviewers for their very valuable comments on our manuscript. In response, we have substantially streamlined our manuscript. We have deleted section 5.8 and moved more peripheral results to the Supplement. We have also added further analyses that rule out alternative explanations for bimodal inference, including a formal model comparison against a normative model of evidence accumulation. We hope that the comprehensive revisions outlined in our response letter will render our manuscript suitable for publication in PLOS Biology.

All materials associated with this revised manuscript are available on an accompanying Github repository (<https://github.com/veithweilhhammer/Modes>). We included all relevant data and code for the generation of the manuscript in the R-Markdown® format. This ensures full transparency and reproducibility for the benefit of the reviewers and future readers of our work.

Please do not hesitate to contact us with any questions or concerns.

Yours sincerely,

Veith Weilhhammer on behalf of the authors