



Correction

Correction: Bourahmah et al. Error Function Optimization to Compare Neural Activity and Train Blended Rhythmic Networks. *Brain Sci.* 2024, 14, 468

Jassem Bourahmah ^{1,}, Akira Sakurai ¹, Paul S. Katz ² and Andrey L. Shilnikov ^{,3,*}

- Neuroscience Institute, Georgia State University, 100 Piedmont Ave., Atlanta, GA 30303, USA; bour8727@gmail.com (J.B.); akira@gsu.edu (A.S.)
- Neuroscience & Behavior Graduate Program, Department of Biology, University of Massachusetts Amherst, Amherst, MA 01003-9297, USA; pkatz@umass.edu
- ³ Department of Mathematics & Statistics, Neuroscience Institute, Georgia State University, 100 Piedmont Ave., Atlanta, GA 30303, USA
- * Correspondence: ashilnikov@gsu.edu

Addition of an Author

Paul S. Katz was not included as an author in the original publication [1]. The corrected Author Contributions statement appears here:

Author Contributions: Conceptualization, A.L.S.; Methodology, J.B., A.S., and A.L.S.; Software, A.S.; Validation, J.B. and A.S.; Investigation, J.B., A.S., and A.L.S.; Data curation, A.S. and P.S.K.; Writing—original draft, J.B. and A.L.S.; Visualization, J.B.; Supervision, A.L.S.; Funding acquisition, A.L.S. and P.S.K. All authors have read and agreed to the published version of the manuscript.

Additional Affiliation

Affiliation 2 was newly added for Paul S. Katz. The updated affiliation(s) should include the following: 2. Neuroscience & Behavior Graduate Program, Department of Biology, University of Massachusetts, Amherst, MA 01003-9297, USA. The author Akira Sakurai's affiliation has been changed to affiliation 1.

Funding Update

Updated Funding as below:

Funding: We thank the Brains & Behavior Initiative at Georgia State University for their support through the Brains & Behavior pilot grant, as well as for the B&B graduate fellowship awarded to J. Bourahmah. The authors thank the current and former members of the Shilnikov NeurDS (Neuro-Dynamical Systems) lab: J. Scully, D. Bloom, C. Hinsley, Y. Keleta, H. Ju, D. Alacam, and K. Pusuluri. This paper was partially funded by the National Science Foundation award, no. IOS-1455527.

Text Correction

There was an error in the original publication [1]. No methods for the electrophysiology were included in the original manuscript. A correction has been made to Section 2. Methods. Prior to Section 2.1, a new paragraph was added.

Experimental methodology: The methods for the electrophysiological experiments are the same as those reported in Ref. [54].

Citation: Bourahmah, J.; Sakurai, A.; Katz, P.S.; Shilnikov, A.L.
Correction: Bourahmah et al. Error Function Optimization to Compare Neural Activity and Train Blended Rhythmic Networks. *Brain Sci.* 2024, 14, 468. *Brain Sci.* 2024, 14, x. https://doi.org/10.3390/xxxxx

Received: 27 September 2024 Revised: date Accepted: 29 September 2024 Published: date



Copyright: © 2024 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (https://creativecommons.org/licenses/by/4.0/).

References

Ref. [54] was added as follows:

54. Sakurai, A.; Katz, P.S. Command or Obey? Homologous neurons differ in hierarchical position for the generation of homologous behaviors. *J. Neurosci.* **2019**, *39*, 6460–6471. https://doi.org/10.1523/JNEUROSCI.3229-18.2019

With this correction, the order of some of the references has been adjusted accordingly. The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

1. Bourahmah, J.; Sakurai, A.; Shilnikov, A.L. Error Function Optimization to Compare Neural Activity and Train Blended Rhythmic Networks. *Brain Sci.* **2024**, *14*, 468. https://doi.org/10.3390/brainsci14050468

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.