Date of Resubmission: February 14, 2021

To whom this may concern:

Please accept our manuscript entitled **“Transcranial Direct Current Stimulation with the Halo Sport Does Not Improve Performance on a 3-minute High Intensity Cycling Test”** as an original research study. This manuscript is an investigation into the effects of transcranial direct current stimulation (tDCS) on performance during a 3-minute aerobic cycling test (3mAT). Both experimental and sham conditions were utilized. Mean HR was higher in the experimental condition (p = .038; otherwise there were no differences between conditions on any of the variables (mean RPE, cadence and speed, mean and peak HR, power, root mean square EMG). With the popularity of this device, future studies are warranted in order to fully understand the possible ergogenic benefits involved.

The authors have made adjustments and revisions to the manuscript. In addition to addressing the minor grammatical and punctuation errors, the authors have added many details to improve the overall manuscript:

* An omitted citation Huang and colleagues was inserted into the manuscript
* Extraneous words were removed and statements were restructured throughout the manuscript to improve clarity and sentence structure
* Statements of the author’s conclusion were adapted within the abstract and conclusion sections of the manuscript to better communicate the conclusions drawn from the results of this study
* The required statement “This research was carried out fully in accordance to the ethical standards of the International Journal of Exercise Science” with its appropriate citation was added to the methods section of the manuscript
* The IRB project number was added to the statement communicating that this study was approved by the university’s Human Subject’s Institutional Review board

This manuscript is original and not previously published in any form including on preprint servers, nor is it being considered elsewhere until a decision is made as to its acceptability by the International Journal of Exercise Science board. All authors included have participated in the design, analysis and interpretation of data, as well as the drafting, revising and final approval of the manuscript. All authors have read and approved the manuscript and meet the requirements of co-authorship. To the knowledge of the authors, there are no potential conflicts of interest. The study was approved by the Human Subjects Institutional Review Board of the university’s Office of the Vice President for Research and all rights of the subjects were protected.

Thank you very much for your time and consideration for an additional review.

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