

Corrigendum to “Analytical bias accounts for some of the reported effects of tACS on auditory perception” [Brain Stimul. 12 (4) (2019) 1001–1009]



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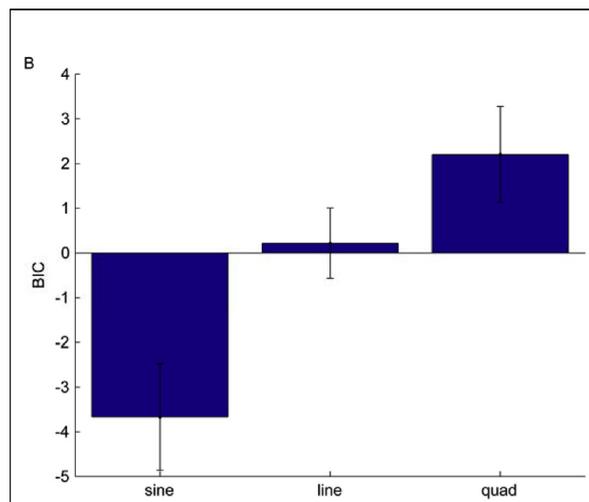
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In the calculation of the Bayesian information criterion (BIC) in this publication we inadvertently swapped the variables n and k in the text as well as in the published code (SimWilsch2018.m) which was used to calculate and plot (Fig. 3B) the BIC.

Thus, in the results section under ‘Wilsch et al., 2018 under the null hypothesis’ we write the following: “We calculated BIC based on the residual (R) of the fits, using the formula.

$BIC = n \ln \frac{R}{n} + k \ln(n)$ where n is the number of parameters in the fit and k is the number of conditions”. n and k have however been mixed up here and as such the corrected sentence should be: “We calculated BIC based on the residual (R) of the fits, using the formula $BIC = n \ln \frac{R}{n} + k \ln(n)$ where k is the number of parameters in the fit and n is the number of conditions”.

We have now updated the published code as SimWilsch2018update.m. Using the correct BIC equation an updated Figure 3B is shown below. The correction has no consequences for the results or the conclusions of this publication. We thank Dr. Philipp Ruhnau for spotting this error and making us aware of it.



Appendix A. Supplementary data

Supplementary data to this article can be found online at <https://doi.org/10.1016/j.brs.2019.06.025>.

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