



Corrigendum: The Biological Basis of Mathematical Beauty

Semir Zeki^{1*}, Oliver Y. Chén^{2*} and John Paul Romaya¹

The Biological Basis of Mathematical Beauty

¹ Laboratory of Neurobiology, University College London, London, United Kingdom, ² Department of Psychology, Yale University, New Haven, CT, United States

Keywords: mathematical beauty, biological beauty, artifactual beauty, deductive logic, neuroesthetics

A Corrigendum on

doi: 10.3389/fnhum.2018.00467

OPEN ACCESS

Edited and reviewed by:

Mikhail Lebedev, Duke University, United States

*Correspondence:

Semir Zeki s.zeki@ucl.ac.uk Oliver Y. Chén yibing.chen@yale.edu

Specialty section:

This article was submitted to Cognitive Neuroscience, a section of the journal Frontiers in Human Neuroscience

Received: 07 August 2019 Accepted: 04 September 2019 Published: 20 September 2019

Citation:

Zeki S, Chén OY and Romaya JP (2019) Corrigendum: The Biological Basis of Mathematical Beauty. Front. Hum. Neurosci. 13:325. doi: 10.3389/fnhum.2019.00325 In the original article, there was an error. The square root symbol is missing from our description of the results.

by Zeki, S., Chén, O. Y., and Romaya, J. P. (2018). Front. Hum. Neurosci. 12:467.

A correction has been made to the **Results** section, subsection **Primary Finding**, paragraph two: "Let r_{ij} denote the **beauty rating** that the *i*th subject gives to the *j*th formula; let u_{ij} denote individual *i*'s **understanding** of the *j*th formula; let *N* denote the total number of subjects; let $x_j := \sum_{i=1}^N r_{ij}/N$ and $y_j := \sqrt{\sum_{i=1}^N (r_{ij} - x_j)^2/(N-1)}$ be the mean beauty rating (**m-BR**) and standard deviation of beauty ratings (**sd-BR**), given to the *j*th formula across subjects, respectively; let $\mu_j := \sum_{i=1}^N u_{ij}/N$ and $\sigma_j := \sqrt{\sum_{i=1}^N (u_{ij} - \mu_j)^2/(N-1)}$ be the mean understanding rating of the formula (**m-UR**) and standard deviation of the understanding rating (**sd-UR**), given to the *j*th formula across subjects, respectively."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Copyright © 2019 Zeki, Chén and Romaya. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.