

Correction

Correction: Kurpas et al. Genomic Analysis of SARS-CoV-2 Alpha, Beta and Delta Variants of Concern Uncovers Signatures of Neutral and Non-Neutral Evolution. *Viruses* 2022, 14, 2375

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Missing Funding

In the original publication [1], the funder Polish National Science Center, 2021/41/B/NZ2/04134 to Marek Kimmel (MK) was not included. The correct funding should be as follows:

“This research was funded by a subsidy for the maintenance and development of research potential BKM-538/RAU1/2022 (02/040/BKM22/1031) granted by the Polish Ministry of Science and Higher Education (M.K.K), the Polish National Science Center grant 2018/29/B/ST7/02550 (R.J.), the European Union through the European Social Fund grant POWR.03.02.00-00-I029 (P.K.), the NSF/DMS Rapid Collaborative grant NSF/DMS-2030577 to Marek Kimmel and Simon Tavaré (M.K.), and the Polish National Science Center grant 2021/41/B/NZ2/04134 to Marek Kimmel (M.K.).”

Text Correction

There was an error in the original publication. Practical computations of the SFS based on Tung–Durrett model were carried out using notation $\alpha = 1 + \lambda_0/\lambda_1$. However, this is inconsistent with the original notation $\alpha = \lambda_0/\lambda_1$. The correction makes expressions (6) and (7) consistent with the original notation.

A correction has been made to Materials and Methods, SFS under Birth-and-Death Process Model with Mutation and Selection, paragraph 1:

Under these hypotheses, if the fitnesses of the two types are $\lambda_0 < \lambda_1$, then the site frequency spectrum approximately follows the power curve, in our notation

$$S(x) = Cx^{-(1+\alpha)}, x = 1, \dots, n \quad (6)$$

hence the tail $T(x) = \sum_{\xi > x} S(\xi)$ follows the law

$$T(x) = \frac{C}{\alpha} (n^{-\alpha} - x^{-\alpha}), x = 1, \dots, n \quad (7)$$

where $\alpha = \lambda_0/\lambda_1$.

The authors state that the scientific conclusions are unaffected. These corrections were approved by the Academic Editor. The original publication has also been updated.

Reference

1. Kurpas, M.K.; Jaksik, R.; Kuś, P.; Kimmel, M. Genomic Analysis of SARS-CoV-2 Alpha, Beta and Delta Variants of Concern Uncovers Signatures of Neutral and Non-Neutral Evolution. *Viruses* 2022, 14, 2375. [[CrossRef](#)] [[PubMed](#)]

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