











<https://doi.org/10.1038/s41467-021-27561-5>

OPEN

Author Correction: A computational method for detection of ligand-binding proteins from dose range thermal proteome profiles

Nils Kurzawa , Isabelle Becher , Sindhuja Sridharan , Holger Franken, André Mateus , Simon Anders , Marcus Bantscheff , Wolfgang Huber  & Mikhail M. Savitski 

Correction to: *Nature Communications* <https://doi.org/10.1038/s41467-020-19529-8>, published online 13 November 2020.

The original version of this Article contained an error in Eq. (5) and the corresponding notation, and incorrectly read:

“Using the assumption that the residuals follow a normal distribution, Bayes' theorem and the scaled inverse χ^2 prior, it can be shown [20] that the expected value of the posterior of \tilde{s}_i^2 is

$$\tilde{s}_i^2 = \frac{d_0 s_0^2 + d_2 s_i^2}{d_0 + d_g}. \quad (5)$$

Here, the hyperparameters s_0^2 and d_0 are estimated by fitting a scaled F -distribution with $s^2 \sim s_0^2 F_{d, d_0}$ ”.

The correct form of Eq. (5) and the corresponding notation is:

“Using the assumption that the residuals follow a normal distribution, Bayes' theorem and the scaled inverse χ^2 prior, it can be shown [20] that the expected value of the posterior of σ_i^2 given s_i^2 is

$$\tilde{s}_i^2 = \frac{d_0 s_0^2 + d_2 s_i^2}{d_0 + d_2}. \quad (5)$$

Here, the hyperparameters s_0^2 and d_0 are estimated by fitting a scaled F -distribution with $s_i^2 \sim s_0^2 F_{d_2, d_0}$ ”.

In addition, the original version of this Article contained an error in Fig. 1a (step 2), in which the letters of the word “temperature” were scrambled in the gray-white gradient bar.

This has been corrected in the PDF and HTML versions of the Article.

Published online: 08 December 2021



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2021