



CORRECTION

Open Access



Correction: Federated recognition mechanism based on enhanced temporal-spatial learning using mobile edge sensors for firefighters

Harun Jamil^{1*}, Khan Murad Ali^{1,2} and Do-Hyeun Kim²

Correction: *Fire Ecol* 19, 44 (2023)

<https://doi.org/10.1186/s42408-023-00203-5>

Following publication of this article (Jamil et al. 2023), the authors identified some errors in Eqs. 4, 6, and 9.

The correct equations are given below:

$$c(t) = \sum [e(t) * h(t)] \quad (4)$$

$$x_{(\text{norm})} = \frac{(x - \mu)}{\sqrt{\sigma^2 + \varepsilon}} \quad (6)$$

$$\alpha_{(\text{norm})} = \frac{(\alpha - \mu)}{\sqrt{\sigma^2 + \varepsilon}} \quad (9)$$

The original article has been corrected.

Reference

Jamil, H., K.M. Ali, and D.H. Kim. 2023. Federated recognition mechanism based on enhanced temporal-spatial learning using mobile edge sensors for firefighters. *Fire Ecol.* 19: 44. <https://doi.org/10.1186/s42408-023-00203-5>.

Published online: 14 August 2023

The original article can be found online at <https://doi.org/10.1186/s42408-023-00203-5>.

*Correspondence:

Harun Jamil
harunjamil@hotmail.com

¹ Department of Electronic Engineering, Jeju National University, Jeju-si, Republic of Korea

² Department of Computer Engineering, Jeju National University, Jeju-si, Republic of Korea



© The Author(s) 2023. **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 licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence 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 licence, visit <http://creativecommons.org/licenses/by/4.0/>.