Check for updates

OPEN ACCESS

APPROVED BY Frontiers Editorial Office, Frontiers Media SA, Switzerland

*CORRESPONDENCE Abdelkader Nasreddine Belkacem ⊠ belkacem@uaeu.ac.ae

RECEIVED 15 December 2024 ACCEPTED 16 December 2024 PUBLISHED 07 January 2025

CITATION

Zulfiqar R, Majeed F, Irfan R, Rauf HT, Benkhelifa E and Belkacem AN (2025) Corrigendum: Abnormal respiratory sounds classification using deep CNN through artificial noise addition. *Front. Med.* 11:1545847. doi: 10.3389/fmed.2024.1545847

COPYRIGHT

© 2025 Zulfiqar, Majeed, Irfan, Rauf, Benkhelifa and Belkacem. 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.

Corrigendum: Abnormal respiratory sounds classification using deep CNN through artificial noise addition

Rizwana Zulfiqar¹, Fiaz Majeed¹, Rizwana Irfan², Hafiz Tayyab Rauf³, Elhadj Benkhelifa⁴ and Abdelkader Nasreddine Belkacem⁵*

¹Faculty of Computing and Information Technology, University of Gujrat, Gujrat, Pakistan, ²Department of Information Technology, College of Computing and Information Technology at Khulais, University of Jeddah, Jeddah, Saudi Arabia, ³Independent Researcher, Bradford, United Kingdom, ⁴Cloud Computing and Applications Reseach Lab, Staffordshire University, Stoke-on-Trent, United Kingdom, ⁵Department of Computer and Network Engineering, College of Information Technology, UAE University, Al Ain, United Arab Emirates

KEYWORDS

respiratory sounds, abnormal respiratory sounds, continuous adventitious sounds (CAS), discontinuous adventitious sounds (DAS), deep CNN

A Corrigendum on

Abnormal respiratory sounds classification using deep CNN through artificial noise addition

by Zulfiqar, R., Majeed, F., Irfan, R., Rauf H. T., Benkhelifa, E., and Belkacem, A. N. (2021). *Front. Med.* 8:714811. doi: 10.3389/fmed.2021.714811

In the published article, there was an error in affiliation(s) [3]. Instead of "[Centre for Smart Systems, AI and Cybersecurity, Staffordshire University, Stoke-on-Trent, United Kingdom]", it should be "[Independent Researcher, Bradford, United Kingdom]".

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.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.