



OPEN ACCESS

EDITED AND REVIEWED BY
Zhenjiang Zhou,
Zhejiang University, China

*CORRESPONDENCE

Xinwei Li

✉ lixw@ahstu.edu.cn

Wenhui Wang

✉ 1172139@lfnu.edu.cn

[†]These authors have contributed equally to this work

RECEIVED 30 January 2024

ACCEPTED 15 February 2024

PUBLISHED 28 February 2024

CITATION

Liu J, Zhu Y, Song L, Su X, Li J, Zheng J, Zhu X, Ren L, Wang W and Li X (2024) Corrigendum: Optimizing window size and directional parameters of GLCM texture features for estimating rice AGB based on UAVs multispectral imagery. *Front. Plant Sci.* 15:1378628. doi: 10.3389/fpls.2024.1378628

COPYRIGHT

© 2024 Liu, Zhu, Song, Su, Li, Zheng, Zhu, Ren, Wang and Li. This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC BY\)](https://creativecommons.org/licenses/by/4.0/). 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: Optimizing window size and directional parameters of GLCM texture features for estimating rice AGB based on UAVs multispectral imagery

Jikai Liu^{1,2†}, Yongji Zhu^{1†}, Lijuan Song^{3,4}, Xiangxiang Su¹, Jun Li¹, Jing Zheng⁵, Xueqing Zhu¹, Lantian Ren^{2,6}, Wenhui Wang^{5*} and Xinwei Li^{1,2*}

¹College of Resource and Environment, Anhui Science and Technology University, Chuzhou, Anhui, China, ²Anhui Province Crop Intelligent Planting and Processing Technology Engineering Research Center, Anhui Science and Technology University, Chuzhou, Anhui, China, ³Institute of Agricultural Remote Sensing and Information, Heilongjiang Academy of Agricultural Sciences, Harbin, Heilongjiang, China, ⁴School of Management, Heilongjiang University of Science and Technology, Harbin, Heilongjiang, China, ⁵College of Life Science, Langfang Normal University, Langfang, Hebei, China, ⁶College of Agriculture, Anhui Science and Technology University, Chuzhou, Anhui, China

KEYWORDS

unmanned aerial vehicles (UAVs), aboveground biomass (AGB), multispectral imagery, texture features (TFs), grey level co-occurrence matrix (GLCM), rice

A Corrigendum on

Optimizing window size and directional parameters of GLCM texture features for estimating rice AGB based on UAVs multispectral imagery

by Liu J, Zhu Y, Song L, Su X, Li J, Zheng J, Zhu X, Ren L, Wang W and Li X (2023) *Front. Plant Sci.* 14:1284235. doi: 10.3389/fpls.2023.1284235

In the published article, there was an error in the UAVs data acquisition time of three rice phenological phase. **2 Materials and methods, 2.3.1 UAVs data acquisition and preprocessing**, Paragraph 1 previously stated: “The DJI Phantom 4 Multispectral RTK (P4M) UAVs (DJI, Shenzhen, Guangdong, China) was used to acquire multispectral images at four growth stages, including the late tillering stage (LT: 25/07/2020), booting stage (B: 23/08/2023), heading to flowering stage (HtF: 31/08/2023), and early filling stage (EF: 09/09/2023) (Table 1).”

The corrected sentence appears below:

“The DJI Phantom 4 Multispectral RTK (P4M) UAVs (DJI, Shenzhen, Guangdong, China) was used to acquire multispectral images at four growth stages, including the late tillering stage (LT: 25/07/2020), booting stage (B: 23/08/2020), heading to flowering stage (HtF: 31/08/2020), and early filling stage (EF: 09/09/2020) (Table 1).”

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.