



OPEN ACCESS

EDITED AND REVIEWED BY

Feng Yang,
Georgia State University, United States

*CORRESPONDENCE

Christina Wapp,
✉ christina.wapp@unibe.ch

RECEIVED 06 June 2023

ACCEPTED 20 June 2023

PUBLISHED 06 July 2023

CITATION

Wapp C, Mittaz Hager A-G, Hilfiker R and Zysset P (2023), Corrigendum: History of falls and fear of falling are predictive of future falls: Outcome of a fall rate model applied to the Swiss CHEF trial cohort. *Front. Aging* 4:1235431. doi: 10.3389/fragi.2023.1235431

COPYRIGHT

© 2023 Wapp, Mittaz Hager, Hilfiker and Zysset. 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: History of falls and fear of falling are predictive of future falls: Outcome of a fall rate model applied to the Swiss CHEF trial cohort

Christina Wapp^{1*}, Anne-Gabrielle Mittaz Hager², Roger Hilfiker² and Philippe Zysset¹

¹ARTORG Center for Biomedical Engineering Research, University of Bern, Bern, Switzerland, ²HES-SO Valais-Wallis, School of Health Sciences of Physiotherapy, Leukerbad, Switzerland

KEYWORDS

older adults, falls, prediction, risk factors, count regression

A Corrigendum on

[History of falls and fear of falling are predictive of future falls: outcome of a fall rate model applied to the Swiss CHEF trial cohort](#)

by Wapp C, Mittaz Hager A-G, Hilfiker R and Zysset P (2022). *Front. Aging* 3:1056779. doi: [10.3389/fragi.2022.1056779](https://doi.org/10.3389/fragi.2022.1056779)

In the published article, there was an error in [Table 3](#) as published. The root mean squared error (RMSE) and its interquartile range (IQR) stated as 0.93 (0.58, 0.92, 1.06) is wrong. The corrected numbers are 2.02 (0.43, 0.72, 1.24). The mean absolute error (MAE) stated for the backward elimination model states as 0.84 is wrong. The corrected number is 1.15. The corrected [Table 3](#) and its caption “Coefficients, bootstrap inclusion frequency, and predictive performance for the backward elimination model.” appear below.

Accordingly, a correction has been made to **Results**, paragraph 5. This sentence previously stated:

“The RMSE and MAE were 0.93 and 0.84, respectively; internal cross-validation increased these values to 2.17 and 1.21, respectively.”

The corrected sentence appears below:

“The RMSE and MAE were 2.02 and 1.15, respectively; internal cross-validation increased these values to 2.17 and 1.21, respectively.”

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.

TABLE 3 Coefficients, bootstrap inclusion frequency, and predictive performance for the backward elimination model.

Final prediction model with backward elimination		
Variable	Coefficient estimates (95% CI) on log scale	Bootstrap inclusion frequency (%)
Intercept	-0.67 (-1.08, -0.27)	100
Prior fall number = [1]	0.12 (-0.32, 0.57)	80.8
Prior fall number = [2]	0.03 (-0.50, 0.56)	80.8
Prior fall number = [3]	0.58 (-0.10, 1.27)	80.8
Prior fall number = [4]	0.96 (0.07, 1.85)	80.8
Prior fall number = [5+]	1.83 (1.15, 2.52)	80.8
FES-I	0.04 (0.02, 0.06)	74.2
theta	0.71 (0.46, 0.95)	
Predictive performance		
Measure	Value (IQR)	
RMSE	2.02 (0.43, 0.72, 1.24)	
MAE	1.15	
CV RMSE	2.17 (0.51, 0.72, 1.17)	
CV MAE	1.21	

Abbreviations: CI, confidence interval; FES-I, falls efficacy scale international; RMSE, root mean squared error; MAE, mean absolute error; IQR, interquartile range with median; CV, cross-validated.