

CORRECTION

Open Access



# Correction: Validation of reaction norm breeding values for robustness in Australian sheep

Dominic L. Waters<sup>1,2\*</sup> , Sam A. Clark<sup>1</sup>, Daniel J. Brown<sup>2</sup>, Samuel F. Walkom<sup>2</sup> and Julius H. J. van der Werf<sup>1</sup>

**Correction:** *Genetics Selection Evolution* (2024) 56:4  
<https://doi.org/10.1186/s12711-023-00872-5>

## Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

After publication of this original article [1], we noticed that an error was introduced in Eq. (2) page 3 which should be:

$$\mathbf{y} = \mathbf{Xb} + \mathbf{Z}_1\mathbf{a}_0 + \mathbf{Z}_2\mathbf{a}_1 + \mathbf{Z}_3\mathbf{c} + \mathbf{Qg} + \mathbf{e}, \quad (2)$$

instead of :

$$\mathbf{y} = \mathbf{Xb} + P\mathbf{Z}_1\mathbf{a}_0 + \mathbf{Z}_2\mathbf{a}_1 + \mathbf{Z}_3\mathbf{c} + \mathbf{Qg} + \mathbf{e}.$$

Published online: 25 January 2024

## Reference

1. Waters DL, Clark SA, Brown DJ, Walkom SF, van der Werf HJ. Validation of reaction norm breeding values for robustness in Australian sheep. *Genet Sel Evol.* 2024;56:4. <https://doi.org/10.1186/s12711-023-00872-5>.

The online version of the original article can be found at <https://doi.org/10.1186/s12711-023-00872-5>.

\*Correspondence:

Dominic L. Waters  
dwater21@une.edu.au

<sup>1</sup> School of Environmental and Rural Science, University of New England, Armidale, NSW 2351, Australia

<sup>2</sup> Animal Genetics and Breeding Unit, University of New England, Armidale, NSW 2351, Australia



© The Author(s) 2024. **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/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.