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Predictive equation derived from 6,497 doubly labelled water measurements enables the detection of erroneous self-reported energy intake

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Article

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Author Correction: Predictive equation derived from 6,497 doubly labelled water measurements enables the detection of erroneous self-reported energy intake

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In the version of this article initially published, there was an error in the application of the equation used to predict the total energy expenditure of individuals in the NDNS and NHANES surveys. The output of the equation is in MJ, the two survey intake estimates are in kJ, and while the predicted values were converted to kJ, the value for total energy expenditure, using kJ, was mistakenly inserted into the equations used to derive the extent of over- and underreporting, resulting in an overestimation of underreporting. For instance, the original abstract reported that the level of misreporting was >50%, whereas it is now determined to be 27.4%.

The corrected calculations led to revisions throughout the text, Tables 2–4, Figs. 2 and 3, and the Supplementary Information. Other minor errors were also corrected in this new version. For transparent comparison, the original, uncorrected article is available alongside this amendment. The changes have been made in the HTML and PDF versions of the article. The authors sincerely apologise for these errors and any inconvenience caused. Please direct any correspondence to John R. Speakman.

Additional information

Supplementary information The online version contains supplementary material available at <https://doi.org/10.1038/s43016-025-01175-2>.

Corrections & amendments

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