

Erratum to: Bodyweight, gender, and quality of life: a population-based longitudinal study

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In the original article, the two equations appearing in the Appendix were reversed. The correct version of the Appendix is as follows:

As noted in the main text of the paper, overall HUI3 scores were highly skewed and were transformed using the arcsine transformation to achieve normally distributed residuals.

The methods are explained in detail in Bernier et al. [52]. The formula used to adjust HUI3 values is given below:

$$\arcsin \text{HUI3}_{\text{adj}} = \arcsin \left[2 \left(\frac{\text{HUI3} + 0.36}{1.36} \right) - 1 \right]$$

Due to this adjustment and transformation, coefficients from growth curve models cannot be interpreted directly as changes in HUI3. Therefore, it was necessary to back-transform the predicted values to the original metric prior to graphing the results.

$$\text{HUI3} = \left[\left(\sin(\arcsin \text{HUI3}_{\text{adj}}) + 1 \right) \times \left(\frac{1.36}{2} \right) \right] - 0.36$$

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