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Erratum to: Statistical methodology for age-adjustment of the GH-2000 score detecting growth hormone misuse

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Erratum

After publication of the original article [1], it came to the authors' attention that there was an error affecting equation (7). A correction to this equation was submitted by the authors during proofing, but was not implemented correctly by the Production team.

The correct version of equation (7) is as follows:

$$
\begin{aligned}
\widehat{\beta^*} &= \frac{\sum_{i=1}^{n}\left(Y_i^*-\overline{Y^*}\right)(x_i-\overline{x})}{\sum_{i=1}^{n}(x_i-\overline{x})^2} = \frac{\sum_{i=1}^{n}\left(Y_i-\hat{\beta}x_i-\left(\overline{Y}-\hat{\beta}\overline{x}\right)\right)(x_i-\overline{x})}{\sum_{i=1}^{n}(x_i-\overline{x})^2} \\[2ex]
&= \frac{\sum_{i=1}^{n}\left(Y_i-\overline{Y}\right)(x_i-\overline{x})-\hat{\beta}\sum_{i=1}^{n}(x_i-\overline{x})^2}{\sum_{i=1}^{n}(x_i-\overline{x})^2} \\[2ex]
&= \frac{\sum_{i=1}^{n}\left(Y_i-\overline{Y}\right)(x_i-\overline{x})}{\sum_{i=1}^{n}(x_i-\overline{x})^2}-\hat{\beta}\frac{\sum_{i=1}^{n}(x_i-\overline{x})^2}{\sum_{i=1}^{n}(x_i-\overline{x})^2} = 0.
\end{aligned}
$$

(7)

Equation (7) has also been updated in the original article in order to rectify this publisher's error.

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Reference
1. Böhning D, Böhning W, Guha N, Cowan DA, Sönksen PH, Holt RI. Statistical methodology for age-adjustment of the GH-2000 score detecting growth hormone misuse. BMC Med Res Methodol. 2016;16:147. doi:10.1186/s12874-016-0246-8.

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