CORRECTION



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Correction to: Development of a genetic evaluation for hair shedding in American Angus cattle to improve thermotolerance

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Correction: Genet Sel Evol (2020) 52:63 https://doi.org/10.1186/s12711-020-00584-0

In Durbin et al. [1], the correlation between partial and full breeding values, $\rho_{p,w}^{\nu}$, was reported as a measure of prediction accuracy, which is not correct; the metric $\rho_{p,w}^{\nu}$ is the ratio between prediction accuracy in the partial dataset and prediction accuracy in the whole dataset. We have now calculated accuracy as follows:

$$\widehat{acc}_{LR} = \sqrt{\frac{cov(\hat{u}_w, \hat{u}_p)}{(1 - \bar{F})\hat{\sigma}_u^2}},$$

where *cov* is the covariance and \overline{F} is the average inbreeding coefficient of the animals in the partial dataset. The equation for \widehat{acc}_{LR} is adapted from [2].

Across the 10 cross-validation iterations, the average accuracy was $\hat{acc}_{LR} = 0.547$ (minimum = 0.539, maximum = 0.554).

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- 1. Durbin HJ, Lu D, Yampara-Iguise H, Miller SP, Decker JE. Development of a genetic evaluation for hair shedding in American Angus cattle to improve thermotolerance. Genet Sel Evol. 2020;52:63. https://doi.org/10. 1186/s12711-020-00584-0.
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