Corrigendum to “On the value of the phenotypes in the genomic era” (J. Dairy Sci. 97:7905–7915)

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On page 7097, there is an error in the calculation of the derivative of the reliability, Rel . We unintentionally omitted $\frac{1}{2}$ in the calculation of $Rel' = \frac{\partial Rel}{\partial n}$; the correct formula should be $Rel' = \frac{\partial Rel}{\partial n} = \frac{h^2(4-h^2)}{2(4+(n-1)h^2)^2}$. This

error affects Figures 3a and 4a and the amended figures are shown below.

The authors regret the errors.

Figure 3. (a) Expected contribution to the increase in reliability of an additional phenotype given that cows have already been phenotyped in a traditional breeding program.

Figure 4. (a) Economic contribution (\$AU) to the total Australian Holstein population of an additional phenotype given the amount of daughters per sire that have already been phenotyped for different traits [protein, milk yield, calving interval, and residual feed intake (RFI)] in a (a) traditional breeding program.

REFERENCES

Gonzalez-Recio, O., M. P. Coffey, and J. E. Pryce. 2014. On the value of phenotypes in the genomic era. J. Dairy Sci. 97(12):7905–7915. <https://doi.org/10.3168/jds.2014-8125>.