

**CORRECTION**

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# Correction: Compatibility of pedigree-based and marker-based relationship matrices for single-step genetic evaluation

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## Correction

In our publication [1], a confusing sign error exists in Appendix A, page 9, first column, line 18, where it incorrectly says that matrix  $A(\gamma)$  is defined as  $A(\gamma)_{ii} = (1 + \gamma/2)A_{ii} + \gamma$ .

Instead it should have said that it is defined as  $A(\gamma)_{ii} = (1 - \gamma/2)A_{ii} + \gamma$ . Defined in this way, matrix  $A(\gamma)$  is an additive relationship matrix that satisfies the usual recursions but has the peculiar feature that base animals in the pedigree are related (with relationship coefficient  $\gamma$ ) and inbred (with inbreeding coefficient  $\gamma/2$ ) as mentioned in the main text of [1].

I apologise for any inconvenience.

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## Reference

1. Christensen OF: Compatibility of pedigree-based and marker-based relationship matrices for single-step genetic evaluation. *Genet Sel Evol* 2012, **44**:37.

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