CORRECTION

Correction to: Comparison of a one- and two-stage mixed model analysis of Australia's National Variety Trial Southern Region wheat data

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Correction to: Euphytica (2018) 214:44
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This article has been published with an erroneous version of Eq. 15. Please find the correct Eq. 15 in this document.

Derivation of (11)

Let $T = [T_1 \ T_2]$ be an $(n \times n)$ non-singular transformation matrix such that T_1 and T_2 , of dimension $(n \times t)$ and $(n \times (n - t))$, satisfy

$$T_1^T X = I_t T_2^T \\ X = \mathbf{0} \Leftrightarrow \mathcal{R}(T_2) \perp \mathcal{R}(X).$$

Likewise, let $Q = [Q_1 \ Q_2]$ be an $((n - t) \times (n - t))$ non-singular transformation matrix such that Q_1 and Q_2 , of dimension $((n - t) \times d)$ and $((n - t) \times (n - t - d))$, satisfy

$$Q_1^T T_2^T X_g = I_d \\ Q_2^T T_2^T X_g = \mathbf{0} \Leftrightarrow \mathcal{R}(Q_2) \perp \mathcal{R}(T_2^T X_g). \quad (15)$$

Should read:

Derivation of (11)

Let $T = [T_1 \ T_2]$ be an $(n \times n)$ non-singular transformation matrix such that T_1 and T_2 , of dimension $(n \times t)$ and $(n \times (n - t))$, satisfy

$$T_1^T X = I_t \\ T_2^T X = \mathbf{0} \Leftrightarrow \mathcal{R}(T_2) \perp \mathcal{R}(X).$$

Likewise, let $Q = [Q_1 \ Q_2]$ be an $((n - t) \times (n - t))$ non-singular transformation matrix such that Q_1 and Q_2 , of dimension $((n - t) \times d)$ and $((n - t) \times (n - t - d))$, satisfy

$$Q_1^T T_2^T X_g = I_d \\ Q_2^T T_2^T X_g = \mathbf{0} \Leftrightarrow \mathcal{R}(Q_2) \perp \mathcal{R}(T_2^T X_g). \quad (15)$$

The original article can be found online at <https://doi.org/10.1007/s10681-018-2116-4>.

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