

CORRECTION

# Correction: Linear-In-The-Parameters Oblique Least Squares (LOLS) Provides More Accurate Estimates of Density-Dependent Survival

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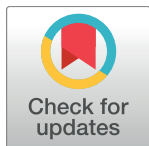
In the section titled “The density-dependent survival ( $s$ ),” there is an error in equation (2b). Please see the correct equation (2b) here:

$$\left\{ \begin{array}{l} V_{\text{opt}} = \frac{x_{\text{opt}}(V_{\text{max}} - V_{\text{min}}) + V_{\text{max}} + V_{\text{min}}}{2} \\ b_0 = \frac{4\dot{b}_0}{(V_{\text{max}} - V_{\text{min}})^2} \\ b_1 = \frac{2\dot{b}_1}{V_{\text{max}} - V_{\text{min}}} \end{array} \right.$$

In the section titled “Maximum Likelihood Estimation (MLE),” there are errors in equation (6) and equation (13). Please see the correct equation (6) and equation (13) here:

$$\mathcal{L}(0, \sigma^2 | \varepsilon_p) = \prod_{p=1}^n \frac{1}{\sqrt{2\pi\sigma^2}} \exp\left[\frac{-\varepsilon_p^2}{2\sigma^2}\right]$$

$$\ell(0, \sigma^2 | \varepsilon_p) = \frac{-n}{2} \log(2\pi\sigma^2) - \frac{1}{2\sigma^2} \sum (B^T \cdot B \otimes M)$$



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**Reference**

1. Vieira VMNCS, Engelen AH, Huanel OR, Guillemain M-L (2016) Linear-In-The-Parameters Oblique Least Squares (LOLS) Provides More Accurate Estimates of Density-Dependent Survival. PLoS ONE 11(12): e0167418. <https://doi.org/10.1371/journal.pone.0167418> PMID: 27936048