

ERRATUM TO:

Chapter 3 Predictive Models: Foundation, Types, and Development

F. Pérez-Rodríguez and A. Valero, *Predictive Microbiology in Foods*,
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The publisher regrets the following errors:

The presentation of Equation 3.8 is incorrect:

$$h_0 = \ln\left(1 + \frac{1}{q_0}\right) = \mu_{\max}\lambda \quad (3.8)$$

The correct equation is:

$$h_0 = \ln\left(1 + \frac{1}{q_0}\right) = \mu_{\max}t_{lag} \quad (3.8)$$

The presentation of Equation 3.9 is incorrect:

$$\begin{cases} \ln(N) = \ln(N_0), & t \leq lag \\ \ln(N) = \ln(N_{\max}) - \ln \left[1 + \left(\frac{N_{\max}}{N_0} - 1 \right) \exp(-\mu \max(tlag - lag)) \right], & t > lag. \end{cases} \quad (3.9)$$

The corrected equation is:

$$\begin{cases} \ln(N) = \ln(N_0), & t \leq t_{lag} \\ \ln(N) = \ln(N_{\max}) - \ln \left[1 + \left(\frac{N_{\max}}{N_0} - 1 \right) \exp(-\mu_{\max}(t - t_{lag})) \right], & t > t_{lag} \end{cases} \quad (3.9)$$

The presentation of Equation 3.40 is incorrect:

$$LnK_{\max} = C_0 + \frac{C_1}{T} + C_2pH + C_3pH^2 + C_4a_w^2 \quad (3.40)$$

The corrected equation is:

$$Ln k_{\max} = C_0 + \frac{C_1}{T} + C_2pH + C_3pH^2 + C_4a_w^2 \quad (3.40)$$

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