



Erratum: Pixel-Based Machine Learning and Image Reconstitution for Dot-ELISA Pathogen Diagnosis in Biological Samples

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An Erratum on

Pixel-Based Machine Learning and Image Reconstitution for Dot-ELISA Pathogen Diagnosis in Biological Samples

by Anastassopoulou, C., Tsakris, A., Patrinos, G. P., and Manoussopoulos, Y. (2021). *Front. Microbiol.* 12:562199. doi: 10.3389/fmicb.2021.562199

Due to a production error, two formulas were incorrectly published in the **Materials and Methods** section, subsection **Step 2: Model Selection and Supervised Training of the Classifier Algorithm**. The correct formulas are provided below.

$$\ln \left[\frac{\pi(x)}{1-\pi(x)} \right] = \alpha + \beta_1 x_R + \beta_2 x_G + \beta_3 x_B + \beta_4 x_{Dil}$$

$$\pi(x) = \frac{e^{\alpha + \beta_1 x_R + \beta_2 x_G + \beta_3 x_B + \beta_4 x_{Dil}}}{1 + e^{\alpha + \beta_1 x_R + \beta_2 x_G + \beta_3 x_B + \beta_4 x_{Dil}}}$$

The publisher apologizes for this mistake. The original article has been updated.

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