

CORRECTION

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Correction to: A software tool for applying Bayes' theorem in medical diagnostics

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Correction to: Chatzimichail and Hatjimihail BMC Medical Informatics and Decision Making (2024) 24:399

<https://doi.org/10.1186/s12911-024-02721-x>.

Following the publication of the Original Article, the authors reported an error concerning the Supplementary Material, specifically in a file titled: BayesianDiagnosticInsightsInterface.pdf.

Regarding Subsection 5.4 (page 3), there was an error in the enumeration, as follows:

Each of the above modules allows users to define:

- e) The size, mean, and standard deviation of the measurements of a diseased and a nondiseased population sample.
- a) The univariate distribution of the measurements of each population (normal, lognormal, gamma).

A linear [$u_m(x) \cong b_0 + b_1t$] or nonlinear [$u_m(x) = \sqrt{b_0^2 + b_1^2t^2}$] equation of the measurement uncertainty versus the measurement value t and the number of the quality control (QC) measurements used to derive it.

- b) The measurement value t .
- c) The confidence level p of confidence intervals.

The correct enumeration is as follows:

Each of the above modules allows users to define:

- a) The size, mean, and standard deviation of the measurements of a diseased and a nondiseased population sample.
- b) The univariate distribution of the measurements of each population (normal, lognormal, gamma).
- c) A linear [$u_m(x) \cong b_0 + b_1t$] or nonlinear [$u_m(x) = \sqrt{b_0^2 + b_1^2t^2}$] equation of the measurement uncertainty versus the measurement value t , and the number of the quality control (QC) measurements used to derive it.
- d) The measurement value t .
- e) The confidence level p of confidence intervals.

The correct Supplementary file is attached in this Correction. The Original Article has been corrected.

Supplementary Information

The online version contains supplementary material available at <https://doi.org/10.1186/s12911-025-02863-6>.

Supplementary Material 1

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