CORRECTION



Correction to: Deep learning-based PET image denoising and reconstruction: a review

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Correction to:

Radiological Physics and Technology (2024) 17:24–46

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In the original PDF of this article, the formula 5 was published with extraneous text as "* 20c".

Incorrect version:

$$* 20cL(\mathbf{y}|\mathbf{x}) = -\log P(\mathbf{y}|\mathbf{x})$$

$$= C - \sum_{i=1}^{I} \left\{ y_i \log \left(\sum_{j=1}^{J} a_{ij} x_j + \overline{b}_i \right) - \left(\sum_{j=1}^{J} a_{ij} x_j + \overline{b}_i \right) \right\}, \tag{5}$$

Correct version:

$$L(\mathbf{y}|\mathbf{x}) = -\log P(\mathbf{y}|\mathbf{x})$$

$$= C - \sum_{i=1}^{I} \left\{ y_i \log \left(\sum_{j=1}^{J} a_{ij} x_j + \overline{b}_i \right) - \left(\sum_{j=1}^{J} a_{ij} x_j + \overline{b}_i \right) \right\}, \tag{5}$$

The original article can be found online at https://doi.org/10.1007/s12194-024-00780-3.

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The HTML version was unaffected.

In this article the formula 13 was incorrectly published with a minus (-) symbol in the denominator instead of plus (+) symbol.

Incorrect version:

$$x_{j}^{(k+1)} = \frac{x_{j}^{(k)}}{\sum_{i=1}^{I} a_{ij} - \beta \frac{\partial U(x)}{\partial x_{j}} \Big|_{x=x^{(k)}}} \sum_{i=1}^{I} \frac{a_{ij} y_{i}}{\sum_{j'=1}^{J} a_{ij'} x_{j'}^{(k)} + \overline{b}_{i}}.$$
(13)

Correct version:

$$x_{j}^{(k+1)} = \frac{x_{j}^{(k)}}{\sum_{i=1}^{I} a_{ij} + \beta \frac{\partial U(x)}{\partial x_{j}} \Big|_{x=x^{(k)}}} \sum_{i=1}^{I} \frac{a_{ij} y_{i}}{\sum_{j'=1}^{J} a_{ij'} x_{j'}^{(k)} + \overline{b}_{i}}.$$
(13)

The original article has been corrected.

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