CORRECTION

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

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Correction to:
Radiological Physics and Technology (2024)
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In the original PDF of this article, the formula 5 was published with extraneous text as "* 20c".

Incorrect version:

$$* 20cL(\boldsymbol{y}|\boldsymbol{x}) = -\log P(\boldsymbol{y}|\boldsymbol{x})$$
$$= C - \sum_{i=1}^{I} \left\{ y_i \log\left(\sum_{j=1}^{J} a_{ij}x_j + \overline{b}_i \right) - \left(\sum_{j=1}^{J} a_{ij}x_j + \overline{b}_i \right) \right\}, \tag{5}$$

Correct version:

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

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:

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

Correct version:

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

The original article has been corrected.

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