OPEN Publisher Correction: Parkinson's disease prognostic scores for progression of cognitive decline

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-019-54029-w>, published online 25 November 2019

In the original PDF version of this Article, there were typesetting errors in Equations 1 and 2 where dash signs were incorrectly typeset as minus signs. As a result, the symbols 't-tau', 'p-tau', 'α-syn' and '1-3' were incorrectly typeset as 't - tau', 'p - tau', 'α - syn' and '1 - 3' respectively. Secondly, in Equation 2 the notation for amyloid was incorrectly typeset as Ab₄₂. The incorrect versions of Equations 1 and 2 appear below:

Equation (1)

$$\begin{aligned}
 M_m = & -0.00559 \times A\beta_{42} + 1.05(\text{if } \alpha - \text{syn} < 1950 \text{ pg/ml}) \\
 & + 1.17(\text{if } t - \text{tau} > 60 \text{ pg/ml}) - 8.89 \times \frac{p - \text{tau}}{t - \text{tau}} + 7.63 \times \left(\frac{p - \text{tau}}{t - \text{tau}} \right)^2 \\
 & + 0.257 \times \text{MoCA}_b + 0.0302 \times \text{UPDRS}_{1-3} + 0.161 \times \text{RBD} \\
 & + 0.132 \times \text{GDS} - 0.151 \times \text{Education} - 13.53937 \times \text{Age} \\
 & + 0.3564239 \times \text{Age}^2 - 0.0040239 \times \text{Age}^3 + 0.0000166 \times \text{Age}^4 \\
 & + 0.758 \times \text{GRS}
 \end{aligned}$$

Equation (2)

$$\begin{aligned}
 M_s = & -0.0156 \times \text{Ab}_{42} - 0.00363 \times \alpha - \text{syn} + 0.150 \times t - \text{tau} \\
 & + 2.66(\text{if } p - \text{tau} \geq 17 \text{ pg/ml}) + 0.0633 \times \text{UPDRS}_{1-3} + 0.339 \times \text{RBD} \\
 & + 0.457 \times \text{GDS} + 0.109 \times \text{STAI} - 3.64(\text{if female}) \\
 & + 2.94 \times \text{DaT}_p.
 \end{aligned}$$

Furthermore, in the original HTML and PDF versions of this Article there were errors in the $(PDCD_m)_1$ column of Table 4. In the row "Maximum total",

"12¹¹"

now reads:

"12 [11]"

In the row "Cut-off",

"6⁵"

now reads:

"6 [5]"

These errors have now been corrected in the PDF and HTML versions of the Article.

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