PUBLISHER CORRECTION

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Correction to: A unified method of defuzzification for type-2 fuzzy numbers with its application to multiobjective decision making

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Correction to: Granular Computing
https://doi.org/10.1007/s41066-017-0068-z

Unfortunately there were several typesetting mistakes in the original article.

In Section 2.6, fourth line, the lower membership function has to read $\underline{\mu}_{\tilde{A}}$. This was also incorrect in the following equation. The correct equation is:

$$\bar{\mu}_{\tilde{A}}(x) = \begin{cases} \frac{x-a}{b-a} & \text{if} \quad a \leqslant x \leqslant b \\ 1 & \text{if} \quad b \leqslant x \leqslant c \\ \frac{d-x}{d-c} & \text{if} \quad c \leqslant x \leqslant d \\ 0 & \text{otherwise} \end{cases} \quad \text{and} \quad \underline{\mu}_{\tilde{A}}(x) = \begin{cases} \frac{x-e}{f-e}w & \text{if} \quad e \leqslant x \leqslant f \\ w & \text{if} \quad f \leqslant x \leqslant g \\ \frac{h-x}{h-g}w & \text{if} \quad g \leqslant x \leqslant h \\ 0 & \text{otherwise} \end{cases}.$$

In Table 2 the ranking values of Qin and Liu (2015) were incorrectly displayed. It is conformable with the previous presentations.

In Section 5.1, equation 5, the symbols "-" and "~" were wrongly placed. The correct equation reads:

Find $X(x_1, x_2, \ldots, x_n)$ so as to

$$\text{Maximize } DV\left(\tilde{\tilde{Z}}_k\right) = \sum_{j=1}^{n} DV\left(\tilde{\tilde{c}}_{kj}\right)x_j; \quad k = 1, 2, \ldots, K$$

$$\text{Subject to } \sum_{j=1}^{n} DV\left(\tilde{\tilde{a}}_{ij}\right)x_j \leqslant DV\left(\tilde{\tilde{b}}_i\right); \quad i = 1, 2, \ldots, m$$

$$x_j \geqslant 0; \qquad\qquad\qquad j = 1, 2, \ldots, n \tag{5}$$

In equation 6, the first line is to be replaced by Find $X(x\_1,x\_2,\ldots,x\_n)$ in place of $X(x\_1,-x\_2,-,\ldots,-x\_n)$. Also the sign '~' is to be deleted after '≤' sign in fourth line of equation 6.

The original article can be found online at https://doi.org/10.1007/s41066-017-0068-z.

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