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Corrigendum

Corrigendum to "Mixing Dyadic and Deliberative Opinion Dynamics in an Agent-Based Model of Group Decision-Making"

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In the article titled "Mixing dyadic and deliberative opinion dynamics in an agent-based model of group decision-making" [1], there are a few typographical errors and wording mistakes to be revised, more specifically in Equations (5) and (7):

(1) In Section 2, "agents have agency" is a pleonasm. The authors wanted to put emphasis on the fact that agents in the model have the ability to observe, interpret, and analyse the information they are provided with and, eventually, act accordingly.

(2) In Equation (5), "$o_{it} - o_{it}$" should be corrected to "$o_i{}^t - o_j{}^t$":

$$o_i^{t+1} = \begin{cases} o_i^t + \mu_i\left(o_j^t - o_i^t\right), & \text{if } \left|o_i^t - o_j^t\right| < U_i, \\ o_i^t - \mu_i\left(o_j^t - o_i^t\right), & \text{if } \left|o_i^t - o_j^t\right| > T_i, \\ o_i^t, \quad \text{otherwise.} \end{cases} \tag{5}$$

(3) In Equation (7), Section 2.4.1 points (ii) and (iii), and line 12, "modt_D" should be corrected to "mod$(1 + t_D)$" and should look, respectively, as follows:

$$o_i^{t+1} = \begin{cases} \text{Equation (5)} & \text{if } t \not\equiv 0 \left(\text{mod } t_D\right) \wedge \text{sr}(\cdot) = \text{false}, \\ \text{Equation (6)} & \text{if } t \equiv 0 \left(\text{mod } \left(1 + t_D\right)\right) \wedge \text{sr}(\cdot) = \text{true}, \\ o_i^t, & \text{otherwise.} \end{cases} \tag{7}$$

(ii) If $t\,(\text{mod}\,(1 + t_D)) \equiv 0$, then $z_t = d$, and $\overline{d}$, otherwise;

(iii) ... such that $t\,(\text{mod}\,(1 + t_D)) \equiv 0$ is a deliberation process with $|N'| = n_D \times |N|$; In Algorithm 4, if $t \equiv 0\,(\text{mod}\,(1 + t_D))$, then;

(4) In Figure 8 and in Section 3.2.1, line 2 of the second paragraph, the word "dyamics" should be "dynamics";

(5) In the legend to Table 6, "with respect to to its factors" should be "with respect to its factors."

References

[1] G. Butler, G. Pigozzi, and J. Rouchier, "Mixing dyadic and deliberative opinion dynamics in an agent-based model of group decision-making," *Complexity*, vol. 2019, Article ID 3758159, 31 pages, 2019.