

Corrigendum: Modeling habits as self-sustaining patterns of sensorimotor behavior

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A corrigendum on

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In this article, Equation 8 is incorrectly written:

$$\Gamma(a, N_{\nu}) = a - a \cdot \frac{N_{\nu}}{||N_{\nu}||},\tag{1}$$

The correct equation is:

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$$\Gamma(a, N_{\nu}) = a - \left(a \cdot \frac{N_{\nu}}{||N_{\nu}||}\right) \frac{N_{\nu}}{||N_{\nu}||},\tag{2}$$

where the right-hand-side of the equation represents the vector *a* with its component parallel to N_{ν} removed.

In the paper, this function is used to calculate the "attraction" influence of nodes. The vector a is the difference between the node's position (N_p) and the current sensorimotor state (x), and Γ removes the component of a that is parallel to N_v .

All of the simulations presented in the original paper were performed with the correct evaluation of $\Gamma(a, N_v)$. This was only a typo in the manuscript.

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