

Corrigendum to 'An agent-based model of the 2020 international policy diffusion in response to the COVID-19 pandemic with particle filter, 27 (2) 3, 2024'

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Abstract: This corrigendum refers to 'An agent-based model of the 2020 international policy diffusion in response to the COVID-19 pandemic with particle filter', *Journal of Artificial Societies and Social Simulation*, 27 (2) 3, 2024.

Keywords: Agent-Based Modelling, Policy Diffusion, Peer Mimicry, Data Assimilation, Particle Filter, COVID-19

● Corrections Summary

- 1.1** An error occurred in Equation 1 of the article's text in Oswald et al. (2024) but not in the model code, so the study's results are unaffected.

Error: A correction to Equation 1 of the original article

- 1.2** The error was that the first two numerator terms in the similarity metric (income similarity and political similarity) should have been taken as absolute values rather than signed differences; otherwise, the equation does not measure distance correctly. The third term is positive by definition, and hence no absolute value is required.

References

Oswald, Y., Malleson, N. & Suchak, K. (2024). An agent-based model of the 2020 international policy diffusion in response to the COVID-19 pandemic with particle filter. *Journal of Artificial Societies and Social Simulation*, 27(2), 3