



<https://doi.org/10.1038/s42003-021-01679-0>

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## Publisher Correction: Estimating and explaining the spread of COVID-19 at the county level in the USA

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Correction to: *Communications Biology* <https://doi.org/10.1038/s42003-020-01609-6>, published online 5 January 2021.

In the original version of the published manuscript, there was an error in Eq. 2 in which the tau was misplaced and denoted as a multiplier of the distribution of the proportion of secondary infections caused by a primary infection that occurred  $\tau$  days previously (1) rather than as a power to which  $r(t)$  is raised (2)

(1) Original version  $R(t) = 1 / \sum_{\tau} e^{-r(t)} \tau p(\tau)$

(2) Corrected version  $R(t) = 1 / \sum_{\tau} e^{-r(t)\tau} p(\tau)$

Published online: 20 January 2021



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