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Author Correction: Spatiotemporal dynamics and risk factors for human Leptospirosis in Brazil

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-33381-3>, published online 11 October 2018

This Article contains an incomplete equation in the Methods section, under the subheading ‘Statistical models’.

“The proportion of marginal variance explained by each component of the RR and lethality models was given by:

$$f_i = 1/n (\tau_i^{-1}/(\tau_\zeta^{-1} + \tau_\gamma^{-1} + \tau_\omega^{-1})), i = \{\zeta, \gamma, \omega\},$$

where n was the size (10,000) of samples drawn from the marginal posteriors τ_ζ , τ_γ and τ_ω . f_ζ was further multiplied by φ and $1 - \varphi$ to obtain the proportion of variance explained by v and v , respectively”.

“The proportion of marginal variance explained by each component of the RR and lethality models was given by:

$$f_i = \frac{1}{n} \sum_{k=1}^n \left(\frac{\tau_{ki}^{-1}}{\tau_{k\zeta}^{-1} + \tau_{k\gamma}^{-1} + \tau_{k\omega}^{-1}} \right), i = \{\zeta, \gamma, \omega\},$$

where n was the sample size (10,000) of samples drawn from the marginal posteriors τ_ζ , τ_γ and τ_ω . f_ζ was further multiplied by φ and $1 - \varphi$ to obtain the proportion of variance explained by v and v , respectively”.

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