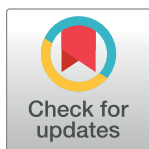


CORRECTION

Correction: Estimating the efficacy of community-wide use of systemic insecticides in dogs to control zoonotic visceral leishmaniasis: A modelling study in a Brazilian scenario

Sonia A. Gomez, Lloyd A. C. Chapman, Erin Dilger, Orin Courtenay, Albert Picado

There is an error in [Table 1](#). The value in line 3 read “Death rate of infected dogs” currently reads 0.003006/day and the reference reads [42]. The correct vales in line 3 "Death rate of infected dogs" should be 0.0018/day and the reference should be [38]. A copy of the correct table is below.



OPEN ACCESS

Citation: Gomez SA, Chapman LAC, Dilger E, Courtenay O, Picado A (2019) Correction: Estimating the efficacy of community-wide use of systemic insecticides in dogs to control zoonotic visceral leishmaniasis: A modelling study in a Brazilian scenario. *PLoS Negl Trop Dis* 13(5): e0007452. <https://doi.org/10.1371/journal.pntd.0007452>

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Table 1. Parameters in the model and their sources.

Parameter	Definition	Value	Reference
ρ	Proportion of highly infectious dogs	0.17	[15]
i	Incubation rate in dogs	0.005/day	[41]
δ	Death rate in non-infectious dogs	0.0011/day	[15]
δ_i	Death rate of infected dogs	0.0018/day	[38]
a_D	Biting rate on dogs	0.333/day	[43]
a_H	Biting rate on humans	0.125/day	[36]
τ	Latent period of <i>L. infantum</i> in sand flies	7 days	[39]
μ	Sand fly mortality rate	0.42/day (57%)	[39]
μ_T	Sand fly mortality rate under treatment	Variable (57–100%)	-
V	Number of sand flies	12000	Fixed
H	Number of humans	1000	Fixed
N	Number of dogs	1000	Fixed
p_v^{hi}	Probability of a highly infectious dog transmitting to a sand fly	0.39	[15]
p_v^{li}	Probability of a low-infectious dog transmitting to a sand fly	0.017	[15]
p_D	Probability of an infected sand fly transmitting to a dog	0.321	[16]
P_T	Proportion of dogs treated with systemic insecticide	Variable (60, 70, 80%)	-
Δ	Decay/day in insecticide efficacy after the administration	Variable (-0.0001 --0.05)	-

<https://doi.org/10.1371/journal.pntd.0007452.t001>

Reference

1. Gomez SA, Chapman LAC, Dilger E, Courtenay O, Picado A (2018) Estimating the efficacy of community-wide use of systemic insecticides in dogs to control zoonotic visceral leishmaniasis: A modelling study in a Brazilian scenario. *PLoS Negl Trop Dis* 12(9): e0006797. <https://doi.org/10.1371/journal.pntd.0006797> PMID: 30222756