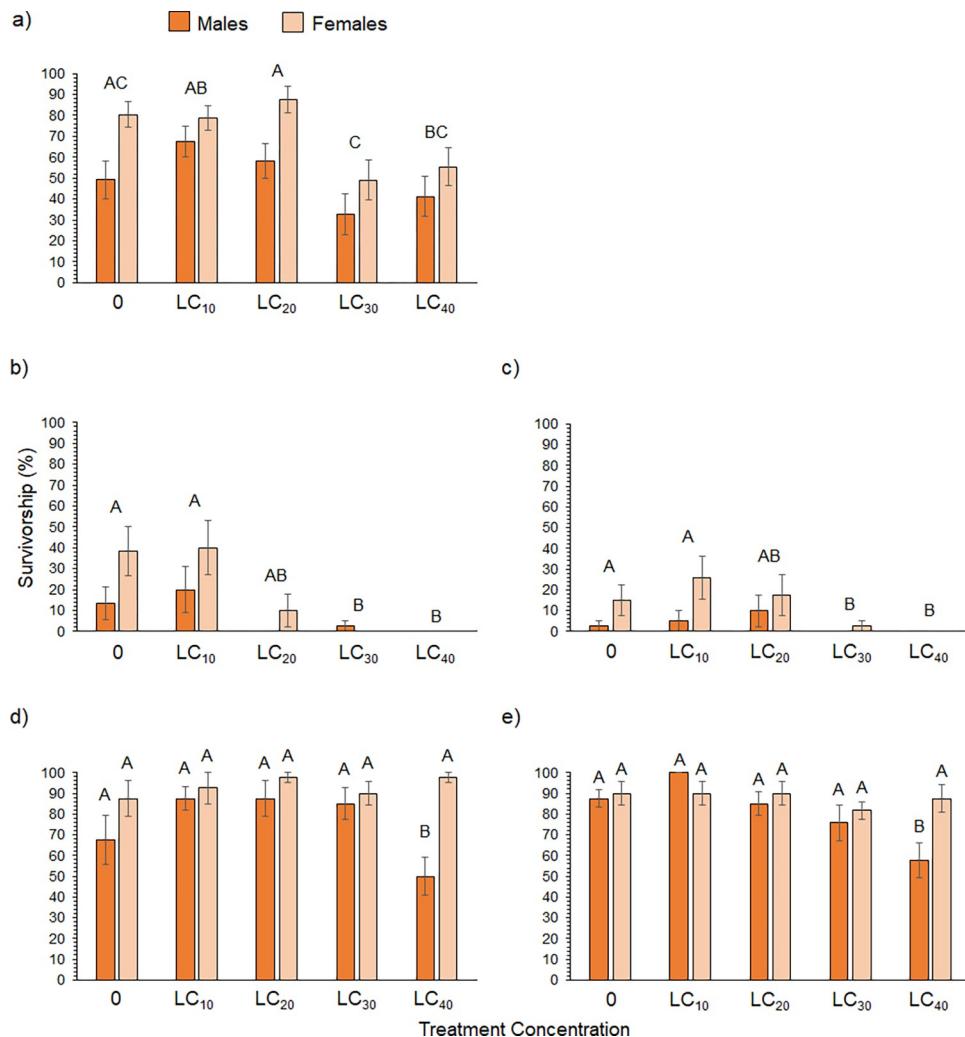


## CORRECTION

# Correction: Hormetic and transgenerational effects in spotted-wing Drosophila (Diptera: Drosophilidae) in response to three commonly-used insecticides

Carrie Deans, William D. Hutchison

[Fig 2](#) is incorrect. Figs 2 and 3 are the same. Please see the corrected version of [Fig 2](#) here.



**Fig 2. Survivorship.** Average survivorship for male and female flies across sub-lethal concentrations of (a) zeta-cypermethrin, (b) single-exposure and (c) double-exposure to spinetoram, (d) single-exposure and (d) double-exposure to pyrethrin (N = 10). Different letters indicate significant post-hoc differences between treatments or sex where significant main effects or interactions were found (S1 and S2 Tables; Tukey's Test, P ≤ 0.05).

<https://doi.org/10.1371/journal.pone.0317051.g001>

**Table 1. Statistics for the initial dose-response probit analysis for each insecticide.**

Insecticide	X <sup>2</sup>	df	P-value	slope	intercept	R <sup>2</sup>
zeta-cypermethrin	0.141	2	0.932	0.444	4.702	0.842
spinetoram	0.231	3	0.972	0.549	4.370	0.812
pyrethrin	0.700	2	0.705	0.725	5.817	0.972

<https://doi.org/10.1371/journal.pone.0317051.t001>

Consequently, in [Table 1](#), the value in R<sup>2</sup> (last column) of Insecticide zeta- cypermethrin (first row) is incorrect. It should have been 0.842. Please see the correct [Table 1](#) here.

Moreover, in the Hormetic effects subsection of Results, there is an error in the second sentence of the first paragraph. The correct sentence is: Overall, female survivorship was 1.4 times higher than that of male flies.

## Reference

1. Deans C, Hutchison WD (2022) Hormetic and transgenerational effects in spotted-wing Drosophila (Diptera: Drosophilidae) in response to three commonly-used insecticides. PLOS ONE 17(7): e0271417. <https://doi.org/10.1371/journal.pone.0271417> PMID: 35862486