

## CORRECTION

# Correction: Cows painted with zebra-like striping can avoid biting fly attack

Tomoki Kojima, Kazato Oishi, Yasushi Matsubara, Yuki Uchiyama, Yoshihiko Fukushima, Naoto Aoki, Say Sato, Tatsuaki Masuda, Junichi Ueda, Hiroyuki Hirooka, Katsutoshi Kino

There are errors in the mean values in [Table 1](#). The correct values are:

Row “Head throws” of column “CONT”: Original “1.94”, Corrected “2.53”

Row “Head throws” of column “B&W”: Original “0.72”, Corrected “0.89”

Row “Head throws” of column “B”: Original “1.89”, Corrected “2.14”

Row “Eat beats” of column “CONT”: Original “14.8”, Corrected “13.2”

Please see the correct [Table 1](#) here.



## OPEN ACCESS

**Citation:** Kojima T, Oishi K, Matsubara Y, Uchiyama Y, Fukushima Y, Aoki N, et al. (2020) Correction: Cows painted with zebra-like striping can avoid biting fly attack. PLoS ONE 15(3): e0231183. <https://doi.org/10.1371/journal.pone.0231183>

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**Table 1. Numbers of biting flies on the experimental cows and the frequencies of fly-repelling behaviors.**

	Treatment <sup>a</sup>				Probabilities		
	CONT	B&W	B	s.e.	CONT VS B&W	CONT VS B	B&W VS B
Numbers of biting flies (heads) <sup>b</sup>							
On legs <sup>c</sup>	86.7	40.2	73.1	11.1	<0.0001	0.12	<0.0001
On body <sup>c</sup>	42.1	15.3	38.6	8.0	<0.0001	0.82	<0.001
Frequencies of fly-repelling behaviors (times/30 min.)							
Head throws	2.53	0.89	2.14	0.72	<0.001	0.63	<0.05
Ear beats	13.2	9.0	14.1	1.6	<0.0001	0.66	<0.0001
Leg stamps	7.9	5.1	8.3	1.3	<0.001	0.83	<0.0001
Skin twitches	2.36	3.58	2.44	1.22	<0.05	0.98	<0.05
Tail flicks	27.0	21.2	27.4	1.0	<0.0001	0.92	<0.0001

<sup>a</sup> CONT: no stripe cattle, B&W: black-and-white striped cattle with white lacquer, which indicates “striped-cattle” indicates “striped-horse (zebra)” in Japanese, B: black-striped cattle with black lacquer.

<sup>b</sup> Biting flies trapped by the sticky plastic boards were mainly stable flies (*Stomoxys calcitrans*), a few horn flies (*Haematobia irritans*), and horse flies (*Tabanus sapporoensis*). These flies are popular in Japan [21–24]. The relative abundance of these biting flies were *Stomoxys calcitrans* (77.9%), *Haematobia irritans* (21.5%), and *Tabanus sapporoensis* (0.5%).

<sup>c</sup> See Fig 2 in Text.

<https://doi.org/10.1371/journal.pone.0231183.t001>

There are also errors in the Supporting Information, [S1 File](#). Some of “5” in the column of “Animal ID” are incorrect and should be appear as “6”. Please view the correct [S1 File](#) below.

## Supporting information

### S1 File. Original data.

(XLSX)

## Reference

1. Kojima T, Oishi K, Matsubara Y, Uchiyama Y, Fukushima Y, Aoki N, et al. (2019) Cows painted with zebra-like striping can avoid biting fly attack. PLoS ONE 14(10): e0223447. <https://doi.org/10.1371/journal.pone.0223447> PMID: 31581218