Animal Biotelemetry

CORRECTION

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Correction: Maximising the value of transmitted data from PSATs tracking marine fish: a case study on Atlantic bluefin tuna

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Following publication of the original article [1], the author noticed the errors in Table 2.

The data in the column "Short distance" has tab errors and needs a line space after each row of "Grand mean" to differentiate the categories. The corrected Table 2 is presented in this erratum.

The original article has been corrected.

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Table 2 Comparative statistics for comparisons between partial and complete GPE3 datasets for differing data volumes and movement characteristics

Metric	Data, %	Short distance ($n=3$)	Long distance ($n=9$)
Spatial similarity	5	0.8 ± 0.05	0.09 ± 0.17
	10	0.85 ± 0.03	0.54 ± 0.15
	20	0.84 ± 0.01	0.67 ± 0.09
	30	0.86 ± 0.02	0.79 ± 0.04
	40	0.87 ± 0.01	0.83 ± 0.06
Grand mean ($\chi^2 = 19.4$, $P \leq 0.001$)		**0.84 ± 0.03**	**0.42 ± 0.32**
12-hourly 99% area (km^2)	5	148,069 ± 19,613	337,311 ± 44,715
	10	132,179 ± 14,525	271,913 ± 35,282
	20	97,091 ± 11,247	189,168 ± 27,064
	30	81,775 ± 9,873	131,732 ± 30,656
	40	71,399 ± 10,639	111,589 ± 15,713
Grand mean ($t = -9.9$, $P \leq 0.001$)		**106,265 ± 4,010**	**208,343 ± 10,668**
Distance from complete data location (km; RMSE)	5	267 ± 86 (345 ± 114)	2213 ± 647 (2358 ± 633)
	10	183 ± 129 (232 ± 176)	696 ± 526 (947 ± 582)
	20	106 ± 8 (137 ± 9)	302 ± 109 (471 ± 210)
	30	88 ± 31 (111 ± 44)	157 ± 15 (221 ± 16)
	40	94 ± 38 (117 ± 51)	144 ± 6 (205 ± 30)
Grand mean ($t = -7.6$, $P \leq 0.001$)		**148 ± 48 (188 ± 100)**	**703 ± 303 (840 ± 900)**
SST difference (°C)	5	1.07 ± 1.16 °C	8.92 ± 3.9 °C
	10	0.35 ± 0.11 °C	1.74 ± 1.95 °C
	20	0.44 ± 0.08 °C	0.38 ± 0.03 °C
	30	0.37 ± 0.09 °C	0.3 ± 0.07 °C
	40	0.3 ± 0.01 °C	0.3 ± 0.07 °C
Grand mean ($t = -2.5$, $P = 0.03$)		**0.54 ± 0.59 °C**	**4.29 ± 4.76 °C**

Values provided are grand means calculated first at the dataset level and secondly at the data volume level. Data in the 5% group are highlighted as this is the group where the largest errors occurred. Test statistics are provided for Kruskal Wallis (Spatial Similarity) and generalised linear mixed models (other variables). For distance to complete data location, values are summarised both as mean great circle distance and root mean squared distance (RMSE) in parentheses.

Reference

1. Horton TW, Birch S, Block BA, Hawkes LA, van der Kooij J, Witt MJ, Righton D. Maximising the value of transmitted data from PSATs tracking marine fish: a case study on Atlantic bluefin tuna. Anim Biotelem. 2024;12:2. https://doi.org/10.1186/s40317-023-00356-9.

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