

Associated costs of mitigation-driven translocation in small lizards

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Supplementary material

Table S1. The set of best models ($\Delta AIC \leq 4$) that best explained the distance moved.

	Df	logLik	AICc	$\Delta AICc$	Weight
Elapsed days + Mites + Treatment	5	-10.23	32.2	0	0.12
Elapsed days + Treatment	4	-11.58	32.3	0.09	0.11
Elapsed days + Treatment + Area	5	-10.68	33.1	0.90	0.07
Elapsed days + Mites + Treatment + Area	6	-9.55	33.6	1.44	0.06
Body condition + Elapsed days + Treatment	5	-11.19	34.1	1.92	0.04
Body condition + Elapsed days + Mites + Treatment	6	-10.02	34.6	2.37	0.04
Date + Elapsed days + Treatment	5	-11.43	34.6	2.42	0.03
Elapsed days + Body size + Treatment	5	-11.54	34.8	2.62	0.03
Elapsed days + Mites + Body size + Treatment	6	-10.19	34.9	2.70	0.03
Date + Elapsed days + Mites + Treatment	6	-10.20	35.0	2.74	0.03
Elapsed days + Treatment + Area + Treatment:Area	6	-10.43	35.4	3.18	0.02
Body condition + Elapsed days + Treatment + Area	6	-10.43	35.4	3.19	0.02
Elapsed days + Body size + Treatment + Area	6	-10.50	35.5	3.33	0.02
Elapsed days + Mites + Treatment + Area + Treatment:Area	7	-9.08	35.7	3.45	0.02
Date + Elapsed days + Treatment + Area	6	-10.56	35.7	3.45	0.02
Mites + Treatment	4	-13.4	35.9	3.72	0.02

Table S2. The set of best models ($\Delta AIC \leq 4$) that best explained the change in body condition.

	df	logLik	AICc	$\Delta AICc$	Weight
Elapsed days + Distance moved + Treatment	5	104.2	-197	0	0.13
Elapsed days + Treatment	4	102.2	-195	1.40	0.06
Elapsed days + Distance moved	4	102.0	-195	1.75	0.05
Elapsed days + Distance moved + Body size + Treatment	6	104.7	-195	1.81	0.05
Elapsed days + Distance moved + Mites + Treatment	6	104.4	-194	2.33	0.04
Body condition + Elapsed days + Distance moved + Treatment	6	104.2	-194	2.65	0.03
Elapsed days + Distance moved + Treatment + Area	6	104.2	-194	2.66	0.03
Date + Elapsed days + Distance moved + Treatment	6	104.2	-194	2.73	0.03
Body condition + Elapsed days + Treatment	5	102.7	-194	2.99	0.03
Elapsed days + Distance moved + Body size	5	102.6	-193	3.19	0.03
Elapsed days + Body size + Treatment	5	102.4	-193	3.53	0.02
Elapsed days + Treatment + Area	5	102.4	-193	3.55	0.02
Elapsed days + Distance moved + Mites	5	102.3	-193	3.83	0.02

Table S3. The set of best models ($\Delta AIC \leq 4$) that best explained the change in parasitization by mites.

	df	logLik	AICc	$\Delta AICc$	Weight
Distance moved + Mites	4	-164	336	0	0.15
Date + Distance moved + Mites	5	-163	337	0.71	0.10
Date + Distance moved + Mites + Treatment	6	-162	338	1.75	0.06
Distance moved + Mites + Treatment	5	-163	338	1.76	0.06
Distance moved + Mites + Area	5	-163	339	2.51	0.04
Body condition + Distance moved + Mites	5	-163	339	2.56	0.04
Distance moved + Mites + Body size	5	-164	339	2.60	0.04
Elapsed days + Distance moved + Mites	5	-164	339	2.62	0.04
Date + Elapsed days + Distance moved + Mites	6	-162	339	2.64	0.04
Date + Distance moved + Mites + Area	6	-162	339	3.23	0.03
Body condition + Date + Distance moved + Mites	6	-162	340	3.39	0.03
Date + Distance moved + Mites + Body size	6	-163	340	3.47	0.03

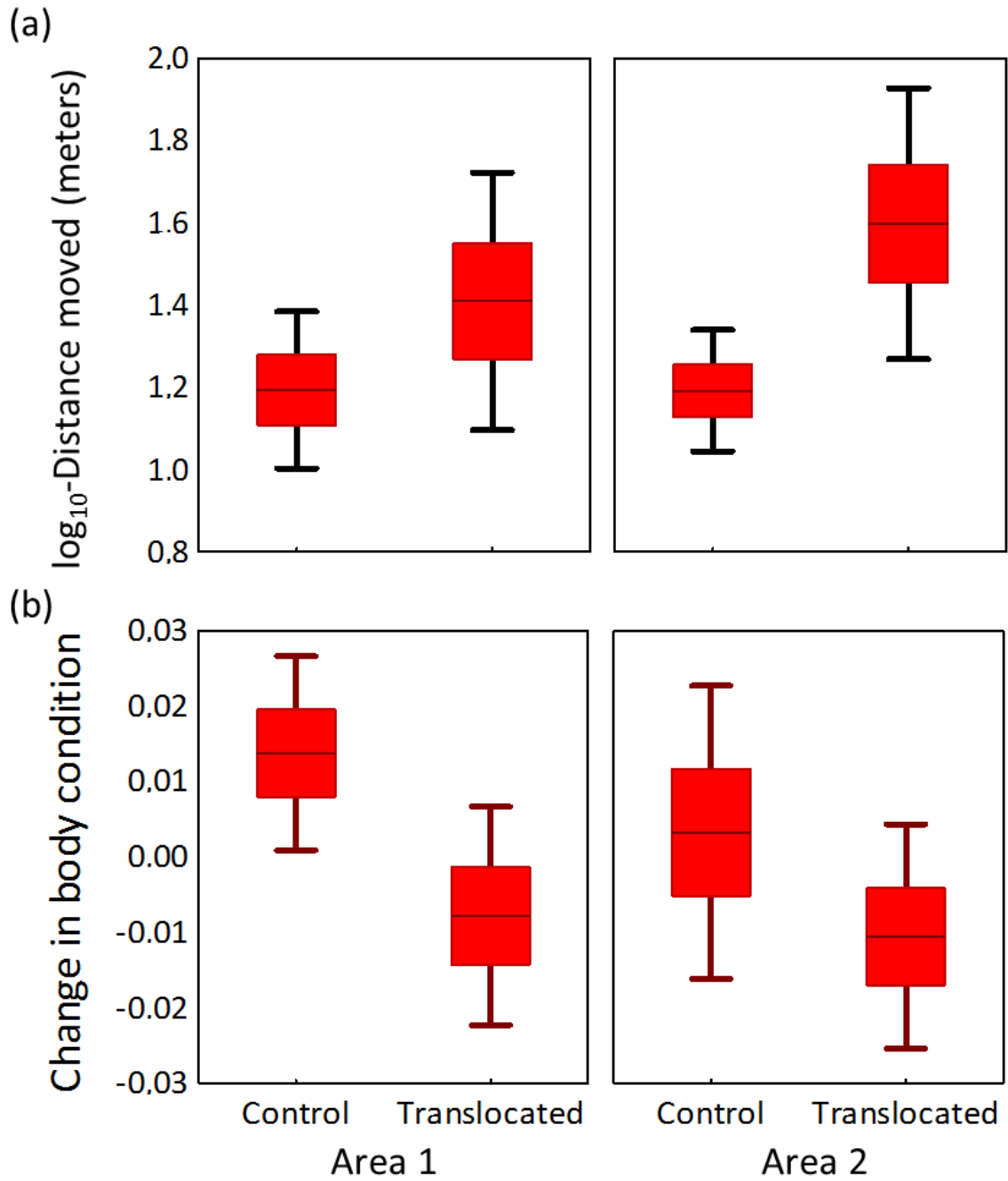


Figure S1. Effect of the translocation experiment on the distance moved and on the change in body condition by areas. Box shows mean \pm SE and whisker confidence intervals (95%).