

Amphibia-Reptilia

Short Note

Size-related boldness is not altered by stomach flushing in a terrestrial salamander

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Supplementary material

Table S1. Emergence time and individual features of the tested cave salamanders (n = 40).
Treatment: 0 = non-flushed, 1 = flushed.

Sal	Treatment	Age/sex	Time Trial 1 (sec)	Time Trail 2 (sec)	SVL (mm)	W (g)	Presence of prey 0/1
101	0	J	300	300	46	0.87	*
102	0	J	300	300	42	0.72	*
103	0	M	58	300	58	2.37	*
104	0	F	300	300	58	2.03	*
105	0	M	300	295	60	2.73	*
106	0	F	300	300	58	2.33	*
107	0	M	231	300	62	2.78	*
108	0	F	300	300	57	1.82	*
109	0	F	11	18	62	2.35	*
110	0	M	300	32	61	2.75	*
111	0	M	124	144	62	2.87	*
112	0	J	26	300	44	0.80	*
113	0	J	13	300	46	0.91	*
114	0	J	47	300	43	0.78	*
1	1	F	152	10	70	5.45	0
2	1	M	61	35	61	3.33	0
3	1	M	300	29	57	2.75	1
4	1	M	300	300	62	3.26	1
5	1	F	91	38	66	4.33	0
6	1	M	156	300	58	3.27	1
7	1	M	300	300	65	3.27	1
8	1	F	64	38	70	3.82	0
9	1	F	62	19	65	3.83	0
10	1	M	300	111	58	2.21	1
11	1	F	64	44	62	3.47	0
12	1	M	254	300	65	3.31	1
13	1	F	290	300	58	2.51	0
14	1	F	300	300	62	3.47	1
15	1	F	300	300	57	2.31	0
16	1	M	252	149	55	2.05	0
17	1	M	81	209	61	2.97	0
18	1	M	55	35	63	3.33	1
19	1	M	61	182	61	3.19	0
20	1	F	23	16	72	4.41	1
21	1	J	300	300	39	0.96	1
22	1	J	300	300	43	1.31	1
23	1	J	40	169	38	0.81	0

24	1	J	300	300	41	1.15	0
25	1	J	300	300	51	1.43	1
26	1	J	300	300	55	1.73	0

Table S2. Deviance table for logistic regression analysis of emergence time for fed and fasting salamanders (n = 26).

Source	DF	Adj Dev	Adj Mean	χ^2	P
Regression	5	5.9211	1.1842	5.92	0.314
Tmean score	1	1.7549	1.7549	1.75	0.185
BCI	1	0.5003	0.5003	0.50	0.479
Age/Sex	2	3.2831	1.6415	3.28	0.194
log(SVL)	1	1.1794	1.1794	1.18	0.277
Error	20	29.9685	1.4984		
Total	25	35.8897			

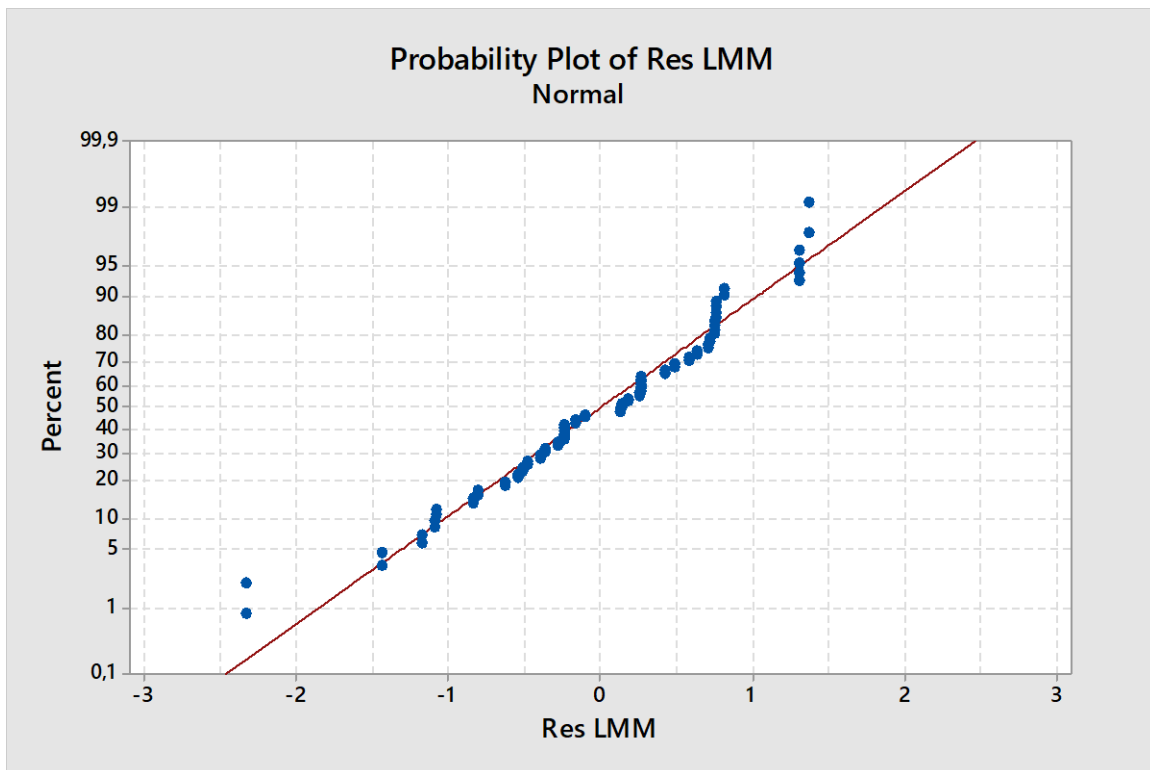


Figure S1. Normality plot for the residuals obtained from the LMM on emergence behaviour of the Cave Salamander *Speleomantes strinatii*. Anderson-Darling goodness-of-fit test = 0.695; n = 80; P = 0.067.