

**Table S3.** Epidemiological data for wild turtles captured in the Bellinger River as a single assemblage, November 2015–November 2020 – univariate analysis and multivariate logistic regression model

Inferential test (X <sup>2</sup> , Fisher's exact test or Mann Whitney test)					Univariate Logistic Model		Multivariate Logistic Model			
Factors	Categories	Negative	Positive (Prevalence %)	<i>p</i>	OR (95% CI)	<i>p</i>	AIC	Corrected OR (95% CI)	<i>p</i>	AIC
Species	<i>Emydura macquarii</i>	310	3 (0.96%)	<0.001^	11.97 (4.01-51.48)	<0.001	159.88	62.60 (12.93-410.06)	<0.001	139.1
	<i>Myuchelys georgesi</i>	164	19 (10.38%)							
Sex	Unknown	225	10 (4.26%)	0.469^	0.71 (0.19-2.17)	0.567	184.60	Excluded		
	Female	127	4 (3.05%)							
	Male	122	8 (6.15%)							
Size	SCL	474	22 (4.44%)	0.469#	1.00 (0.99-1.01)	0.538	183.71	1.03 (1.01-1.04)	0.001	
Location	Bellingen	279	11 (3.79%)	0.001*	2.85 (1.18-6.85)	0.018	170.87	0.87 (0.28-2.51)	0.801	
	Thora	98	11 (10.09%)							
	Darkwood	97	0 (0%)							
Year	2015	68	10 (12.82%)	0.016*	0.28 (0.10-0.74)	0.010	176.83	0.30 (0.09-0.94)	0.036	
	2016	193	8 (3.98%)							
	2017	100	3 (2.91%)							
	2018	77	1 (1.28%)							
	2019	34	0 (0%)							
	2020	2	0 (0%)							

A subset (n=496) of the 507 records were included for univariate and multivariate analysis. Statistically significant = **BOLD**, \* Fisher's Exact Test, ^ Chi-Square Test, #Mann-Whitney test.