

Length-weight relationship of *Squilla mantis* from Slovenia, sampled from 25.5.1999 to 21.6.2019 (n = 245, length range from 9.1 cm to 20.6 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **28.08.2019**
 Country: **SVN**
 Species: ***Squilla mantis***
 Length type: **TL (biometry_id = 88)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **25.05.1999**
 Sampled to: **21.06.2019**
 n: **245**
 L min: **9.1 cm**
 L max: **20.6 cm**
 Data transformation: **natural logarithm**
 a: **0.022120657**
 b: **2.80521612**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6557
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.92101892
R Square	0.848275852
Adjusted R Square	0.847651472
Standard Error	0.156535611
Observations	245

ANOVA

	df	SS	MS	F	Significance F
Regression	1	33.29009053	33.29009053	1358.590798	1.7468E-101
Residual	243	5.954325623	0.024503398		
Total	244	39.24441615			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.811243398	0.210022797	-18.1468081	4.23321E-47	-4.224940925	-3.397545871	-4.224940925	-3.397545871
X Variable 1	2.80521612	0.076106542	36.8590667	1.7468E-101	2.655303401	2.955128838	2.655303401	2.955128838

