

Length-weight relationship of *Squilla mantis* from Slovenia, sampled from 25.5.1999 to 16.9.2014 (n = 153, length range from 2.0 cm to 4.9 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Squilla mantis***
 Length type: **CL (biometry_id = 89)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **25.5.1999**
 Sampled to: **16.9.2014**
 n: **153**
 L min: **2.0 cm**
 L max: **4.9 cm**
 Data transformation: **natural logarithm**
 a: **4.799710894**
 b: **2.00826753**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6386
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1011) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (- 1,1,2,74)) AND (((bm4_mm)/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.850132953
R Square	0.722726038
Adjusted R Square	0.720889787
Standard Error	0.19620372
Observations	153

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	15.15151415	15.15151415	393.5877391	6.61911E-44
Residual	151	5.812880865	0.0384959		
Total	152	20.96439502			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.568555686	0.116757948	13.43425185	1.44451E-27	1.337865461	1.799245911	1.337865461	1.799245911
X Variable 1	2.00826753	0.10122803	19.83904582	6.61911E-44	1.8082613	2.20827376	1.8082613	2.20827376

