

Length-weight relationship of *Citharus linguatula* from Slovenia, sampled from 2.8.2007 to 7.12.2011 (n = 17, length range from 7.3 cm to 15.5 cm, specimen condition: mixed)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**

Analysed on: **7.1.2015**

Country: **SVN**

Species: ***Citharus linguatula***

Length type: **TLmax (biometry_id = 78)**

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **2.8.2007**

Sampled to: **7.12.2011**

n: **17**

L min: **7.3 cm**

L max: **15.5 cm**

Data transformation: **natural logarithm**

a: **0.006353006**

b: **3.141568522**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6375
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=267) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm1_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	0.99039754
R Square	0.980887287
Adjusted R Square	0.979613106
Standard Error	0.086038413
Observations	17

ANOVA

	df	SS	MS	F	Significance F
Regression	1	5.698660854	5.698660854	769.8179401	2.63192E-14
Residual	15	0.111039128	0.007402609		
Total	16	5.809699982			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.058827263	0.261246387	-19.3641999	5.03609E-12	-5.615660753	-4.501993773	-5.615660753	-4.501993773
X Variable 1	3.141568522	0.113227658	27.74559317	2.63192E-14	2.900229484	3.38290756	2.900229484	3.38290756

