

Length-weight relationship of *Arnoglossus laterna* from the Gulf of Trieste, sampled from 2.2.2000 to 19.3.2013 (n = 116, length range from 7.2 cm to 16.0 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Arnoglossus laterna***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **2.2.2000**
 Sampled to: **19.3.2013**
 n: **116**
 L min: **7.2 cm**
 L max: **16.0 cm**
 Data transformation: **natural logarithm**
 a: **0.006297475**
 b: **3.153343057**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6031
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=180) AND ((public_vt_specimen.specimen_condition_id)=3) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) 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	0.980401193
R Square	0.961186499
Adjusted R Square	0.96084603
Standard Error	0.136032396
Observations	116

ANOVA

	df	SS	MS	F	Significance F
Regression	1	52.24135023	52.24135023	2823.122339	2.83792E-82
Residual	114	2.109548652	0.018504813		
Total	115	54.35089889			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.067606508	0.138437793	-36.605658	7.37551E-65	-5.341850701	-4.793362316	-5.341850701	-4.793362316
X Variable 1	3.153343057	0.059348039	53.13306258	2.83792E-82	3.035775053	3.270911061	3.035775053	3.270911061

