

Length-weight relationship of *Arnoglossus laterna* from Slovenia, sampled from 24.4.1995 to 16.9.2014 (n = 641, length range from 5.0 cm to 18.1 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Arnoglossus laterna***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **24.4.1995**
 Sampled to: **16.9.2014**
 n: **641**
 L min: **5.0 cm**
 L max: **18.1 cm**
 Data transformation: **natural logarithm**
 a: **0.006835484**
 b: **3.111468707**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6377
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=180) 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	0.980126909
R Square	0.960648758
Adjusted R Square	0.960587175
Standard Error	0.135496802
Observations	641

ANOVA

	df	SS	MS	F	Significance F
Regression	1	286.3947975	286.3947975	15599.36922	0
Residual	639	11.73164588	0.018359383		
Total	640	298.1264434			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.985628038	0.057982485	-85.9850708	0	-5.099487277	-4.871768799	-5.099487277	-4.871768799
X Variable 1	3.111468707	0.024912191	124.8974348	0	3.062549053	3.16038836	3.062549053	3.16038836

