

Length-weight relationship of *Arnoglossus laterna* from the Gulf of Trieste, sampled from 11.5.1998 to 1.7.1999 (n = 33, length range from 6.6 cm to 18.1 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: **from formaldehyde**
 Sampled from: **11.5.1998**
 Sampled to: **1.7.1999**
 n: **33**
 L min: **6.6 cm**
 L max: **18.1 cm**
 Data transformation: **natural logarithm**
 a: **0.004356926**
 b: **3.334045019**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6029
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=180) AND ((public_vt_specimen.specimen_condition_id)=5) 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	0.993271221
R Square	0.986587719
Adjusted R Square	0.986155065
Standard Error	0.097966446
Observations	33

ANOVA

	df	SS	MS	F	Significance F
Regression	1	21.88514638	21.88514638	2280.314526	1.35457E-30
Residual	31	0.297520158	0.009597424		
Total	32	22.18266654			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.435988597	0.156083401	-34.8274612	2.01628E-26	-5.754322791	-5.117654403	-5.754322791	-5.117654403
X Variable 1	3.334045019	0.069819074	47.75263894	1.35457E-30	3.19164808	3.476441958	3.19164808	3.476441958

