

Length-weight relationship of *Arnoglossus thori* from Slovenia, sampled from 27.8.1999 to 13.1.2016 (n = 198, length range from 6.8 cm to 17.7 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: ***Arnoglossus thori***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **27.8.1999**
 Sampled to: **13.1.2016**
 n: **198**
 L min: **6.8 cm**
 L max: **17.7 cm**
 Data transformation: **natural logarithm**
 a: **0.007155856**
 b: **3.179331338**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6458
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=183) 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 (((specimen_mass_g)/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.950771455
R Square	0.903966359
Adjusted R Square	0.903476391
Standard Error	0.131961779
Observations	198

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	32.12782087	32.12782087	1844.951461	1.1336E-101
Residual	196	3.413126592	0.017413911		
Total	197	35.54094747			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.939824224	0.180877917	-27.3102672	9.91292E-69	-5.296541011	-4.583107437	-5.296541011	-4.583107437
X Variable 1	3.179331338	0.074019018	42.95289816	1.1336E-101	3.033355385	3.325307291	3.033355385	3.325307291

