

Length-weight relationship of *Buglossidium luteum* from the Gulf of Trieste, sampled from 4.3.2004 to 18.3.2013 (n = 34, length range from 4.7 cm to 10.7 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Buglossidium luteum***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **4.3.2004**
 Sampled to: **18.3.2013**
 n: **34**
 L min: **4.7 cm**
 L max: **10.7 cm**
 Data transformation: **natural logarithm**
 a: **0.006194723**
 b: **3.224388777**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6034
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=59) 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	0.97598671
R Square	0.952550058
Adjusted R Square	0.951067248
Standard Error	0.165598895
Observations	34

ANOVA

	df	SS	MS	F	Significance F
Regression	1	17.61639216	17.61639216	642.3949274	9.45509E-23
Residual	32	0.877535804	0.027422994		
Total	33	18.49392796			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.084057492	0.256125661	-19.849856	1.49097E-19	-5.605768388	-4.562346595	-5.605768388	-4.562346595
X Variable 1	3.224388777	0.127217351	25.34551099	9.45509E-23	2.965255513	3.48352204	2.965255513	3.48352204

