

Length-weight relationship of *Cobitis elongatoides* from Slovenia, sampled from 30.6.2010 to 29.10.2014 (n = 1470, length range from 4.0 cm to 14.3 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **21.11.2014**
 Country: **SVN**
 Species: ***Cobitis elongatoides***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **30.6.2010**
 Sampled to: **29.10.2014**
 n: **1470**
 L min: **4.0 cm**
 L max: **14.3 cm**
 Data transformation: **natural logarithm**
 a: **0.009069503**
 b: **2.771127278**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6362
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6475) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm2_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	0.909373359
R Square	0.826959907
Adjusted R Square	0.826842032
Standard Error	0.259453248
Observations	1470

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	472.2609023	472.2609023	7015.583033	0
Residual	1468	98.81987019	0.067315988		
Total	1469	571.0807725			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.702837792	0.070271868	-66.9234773	0	-4.84068177	-4.564993813	-4.84068177	-4.564993813
X Variable 1	2.771127278	0.033084501	83.75907732	0	2.706229342	2.836025215	2.706229342	2.836025215

