

**Length-weight relationship of *Cobitis bilineata* from Slovenia, sampled from 14.8.2013 to 27.5.2015 (n = 46, length range from 5.2 cm to 11.5 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **21.12.2017**  
 Country: **SVN**  
 Species: ***Cobitis bilineata***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **14.8.2013**  
 Sampled to: **27.5.2015**  
 n: **46**  
 L min: **5.2 cm**  
 L max: **11.5 cm**  
 Data transformation: **natural logarithm**  
 a: **0.005922598**  
 b: **3.109751069**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6519</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6476) 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 (((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	0.97994809
R Square	0.96029826
Adjusted R Square	0.959395947
Standard Error	0.11934836
Observations	46

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	15.15940603	15.15940603	1064.263761	1.81955E-32
Residual	44	0.626737365	0.014244031		
Total	45	15.7861434			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.128980106	0.178738736	-28.6954033	4.01227E-30	-5.489204354	-4.768755859	-5.489204354	-4.768755859
X Variable 1	3.109751069	0.095323721	32.62305566	1.81955E-32	2.917638734	3.301863403	2.917638734	3.301863403

