

Length-weight relationship of *Gobio obtusirostris* from Slovenia, sampled from 20.4.2010 to 16.10.2014 (n = 3599, length range from 2.3 cm to 15.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **11.11.2014**
 Country: **SVN**
 Species: ***Gobio obtusirostris***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.4.2010**
 Sampled to: **16.10.2014**
 n: **3599**
 L min: **2.3 cm**
 L max: **15.5 cm**
 Data transformation: **natural logarithm**
 a: **0.009412712**
 b: **3.060474568**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6355
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6587) 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	0.985658314
R Square	0.971522312
Adjusted R Square	0.971514395
Standard Error	0.162439284
Observations	3599

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	3237.953597	3237.953597	122712.4106	0
Residual	3597	94.91231599	0.026386521		
Total	3598	3332.865913			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.665694123	0.018519987	-251.92751	0	-4.702004847	-4.629383399	-4.702004847	-4.629383399
X Variable 1	3.060474568	0.008736642	350.3033123	0	3.043345301	3.077603835	3.043345301	3.077603835

