

Length-weight relationship of *Barbus plebejus* from Slovenia, sampled from 19.6.2012 to 23.9.2013 (n = 147, length range from 2.3 cm to 9.1 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **6.11.2013**
 Country: **SVN**
 Species: ***Barbus plebejus***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **preserved in alcohol**
 Sampled from: **19.6.2012**
 Sampled to: **23.9.2013**
 n: **147**
 L min: **2.3 cm**
 L max: **9.1 cm**
 Data transformation: **natural logarithm**
 a: **0.014211252**
 b: **2.832877562**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6076
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2662) AND ((public_vt_specimen.specimen_condition_id)=1) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) 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	0.960173773
R Square	0.921933674
Adjusted R Square	0.921395286
Standard Error	0.218589774
Observations	147

ANOVA

	df	SS	MS	F	Significance F
Regression	1	81.82078132	81.82078132	1712.394965	3.47959E-82
Residual	145	6.928315917	0.047781489		
Total	146	88.74909724			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.253721222	0.10923446	-38.9412024	1.13378E-78	-4.469618712	-4.037823732	-4.469618712	-4.037823732
X Variable 1	2.832877562	0.068458256	41.38109429	3.47959E-82	2.697572588	2.968182535	2.697572588	2.968182535

