

Length-weight relationship of *Barbus barbus* from Slovenia, sampled from 20.4.2010 to 28.10.2010 (n = 23, length range from 3.0 cm to 6.9 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **6.11.2013**
 Country: **SVN**
 Species: ***Barbus barbus***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **preserved in alcohol**
 Sampled from: **20.4.2010**
 Sampled to: **28.10.2010**
 n: **23**
 L min: **3.0 cm**
 L max: **6.9 cm**
 Data transformation: **natural logarithm**
 a: **0.023180574**
 b: **2.470474246**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6075
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2818) 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	0.954262481
R Square	0.910616882
Adjusted R Square	0.906360543
Standard Error	0.170190322
Observations	23

ANOVA

	df	SS	MS	F	Significance F
Regression	1	6.19682472	6.19682472	213.9436956	1.74719E-12
Residual	21	0.608259658	0.028964746		
Total	22	6.805084378			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.764440695	0.260265088	-14.4638711	2.16612E-12	-4.305691574	-3.223189815	-4.305691574	-3.223189815
X Variable 1	2.470474246	0.168900363	14.62681427	1.74719E-12	2.119226713	2.821721778	2.119226713	2.821721778

