

Length-weight relationship of *Barbus plebejus* from Slovenia, sampled from 15.5.2012 to 23.9.2013 (n = 708, length range from 4.3 cm to 79.2 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: **alive**
 Sampled from: **15.5.2012**
 Sampled to: **23.9.2013**
 n: **708**
 L min: **4.3 cm**
 L max: **79.2 cm**
 Data transformation: **natural logarithm**
 a: **0.011802271**
 b: **2.956343327**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6077
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2662) AND ((public_vt_specimen.specimen_condition_id)=9) 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	0.98880187
R Square	0.977729138
Adjusted R Square	0.977697593
Standard Error	0.214550548
Observations	708

ANOVA

	df	SS	MS	F	Significance F
Regression	1	1426.742127	1426.742127	30994.61371	0
Residual	706	32.49854801	0.046031938		
Total	707	1459.240675			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.439463274	0.048653714	-91.2461338	0	-4.534986559	-4.343939989	-4.534986559	-4.343939989
X Variable 1	2.956343327	0.016792361	176.0528719	0	2.923374385	2.989312269	2.923374385	2.989312269

