

Length-weight relationship of *Barbus barbus* from Slovenia, sampled from 20.4.2010 to 16.10.2014 (n = 2900, length range from 2.6 cm to 80.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **21.11.2014**
 Country: **SVN**
 Species: ***Barbus barbus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.4.2010**
 Sampled to: **16.10.2014**
 n: **2900**
 L min: **2.6 cm**
 L max: **80.5 cm**
 Data transformation: **natural logarithm**
 a: **0.009160084**
 b: **2.996083281**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6364
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2818) 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	0.997624246
R Square	0.995254137
Adjusted R Square	0.995252499
Standard Error	0.147404621
Observations	2900

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	13205.02936	13205.02936	607739.0932	0
Residual	2898	62.96809852	0.021728122		
Total	2899	13267.99746			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.692899941	0.01157623	-405.391028	0	-4.715598415	-4.670201467	-4.715598415	-4.670201467
X Variable 1	2.996083281	0.00384322	779.5762267	0	2.98854756	3.003619002	2.98854756	3.003619002

