

Length-weight relationship of *Perca fluviatilis* from Slovenia, sampled from 12.7.2011 to 9.10.2014 (n = 2619, length range from 3.9 cm to 31.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **10.2.2015**
 Country: **SVN**
 Species: ***Perca fluviatilis***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **12.7.2011**
 Sampled to: **9.10.2014**
 n: **2619**
 L min: **3.9 cm**
 L max: **31.5 cm**
 Data transformation: **natural logarithm**
 a: **0.008469923**
 b: **3.146728915**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6398
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2651) 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	0.996668572
R Square	0.993348243
Adjusted R Square	0.993345701
Standard Error	0.089239642
Observations	2619

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	3112.321862	3112.321862	390812.8796	0
Residual	2617	20.84103861	0.007963714		
Total	2618	3133.162901			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.77123392	0.012373665	-385.595866	0	-4.795497078	-4.746970762	-4.795497078	-4.746970762
X Variable 1	3.146728915	0.005033556	625.1502856	0	3.136858762	3.156599068	3.136858762	3.156599068

