

Length-weight relationship of *Leuciscus leuciscus* from Slovenia, sampled from 1.9.2011 to 5.8.2014 (n = 334, length range from 7.0 cm to 24.8 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **10.2.2015**
 Country: **SVN**
 Species: ***Leuciscus leuciscus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **1.9.2011**
 Sampled to: **5.8.2014**
 n: **334**
 L min: **7.0 cm**
 L max: **24.8 cm**
 Data transformation: **natural logarithm**
 a: **0.006272188**
 b: **3.148016975**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6396
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2660) 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	0.981990334
R Square	0.964305016
Adjusted R Square	0.964197501
Standard Error	0.125854239
Observations	334

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	142.0630122	142.0630122	8969.026801	2.4081E-242
Residual	332	5.25864412	0.01583929		
Total	333	147.3216563			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.071629981	0.095916498	-52.8754707	9.2077E-164	-5.26031068	-4.882949282	-5.26031068	-4.882949282
X Variable 1	3.148016975	0.033240259	94.70494602	2.4081E-242	3.082628898	3.213405053	3.082628898	3.213405053

