

Length-weight relationship of *Oncorhynchus mykiss* from Slovenia, sampled from 5.7.2011 to 23.9.2014 (n = 2198, length range from 3.8 cm to 68.0 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **10.2.2015**
 Country: **SVN**
 Species: ***Oncorhynchus mykiss***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **5.7.2011**
 Sampled to: **23.9.2014**
 n: **2198**
 L min: **3.8 cm**
 L max: **68.0 cm**
 Data transformation: **natural logarithm**
 a: **0.011783765**
 b: **2.96202476**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6399
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=704) 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	0.99700001
R Square	0.99400902
Adjusted R Square	0.994006292
Standard Error	0.134669127
Observations	2198

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	6607.861169	6607.861169	364355.0746	0
Residual	2196	39.82615899	0.018135774		
Total	2197	6647.687328			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.441032531	0.013940522	-318.570023	0	-4.468370519	-4.413694542	-4.468370519	-4.413694542
X Variable 1	2.96202476	0.004907115	603.6183186	0	2.952401686	2.971647833	2.952401686	2.971647833

