

Length-weight relationship of *Leucos aula* from Slovenia, sampled from 2.7.2013 to 19.10.2017 (n = 43, length range from 5.5 cm to 15.0 cm, specimen condition: mixed)

Author: **Bojan Marčeta**

Data source: **BIOS, Fisheries Research Institute of Slovenia**

Analysed on: **21.12.2017**

Country: **SVN**

Species: ***Leucos aula***

Length type: **TL (biometry_id = 76)**

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **2.7.2013**

Sampled to: **19.10.2017**

n: **43**

L min: **5.5 cm**

L max: **15.0 cm**

Data transformation: **natural logarithm**

a: **0.004391259**

b: **3.405931583**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6517
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6601) 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 (((specimen_mass_g)/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.977172776
R Square	0.954866634
Adjusted R Square	0.95376582
Standard Error	0.179770857
Observations	43

ANOVA

	df	SS	MS	F	Significance F
Regression	1	28.03286113	28.03286113	867.4188388	3.30869E-29
Residual	41	1.325019996	0.032317561		
Total	42	29.35788113			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.428139411	0.267014904	-20.3289754	5.00759E-23	-5.967386943	-4.888891879	-5.967386943	-4.888891879
X Variable 1	3.405931583	0.115643571	29.45197513	3.30869E-29	3.172384655	3.63947851	3.172384655	3.63947851

