

Length-weight relationship of *Alburnus arborella* from Slovenia, sampled from 5.7.2011 to 13.5.2015 (n = 376, length range from 4.7 cm to 16.5 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: ***Alburnus arborella***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **5.7.2011**
 Sampled to: **13.5.2015**
 n: **376**
 L min: **4.7 cm**
 L max: **16.5 cm**
 Data transformation: **natural logarithm**
 a: **0.006213698**
 b: **3.157129421**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6444
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6459) 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	0.990521939
R Square	0.981133712
Adjusted R Square	0.981083268
Standard Error	0.135060291
Observations	376

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	354.7878282	354.7878282	19449.71994	0
Residual	374	6.822239505	0.018241282		
Total	375	361.6100677			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.080999142	0.048111376	-105.6091	1.6084E-280	-5.175601845	-4.986396439	-5.175601845	-4.986396439
X Variable 1	3.157129421	0.022637878	139.4622527	0	3.112615948	3.201642894	3.112615948	3.201642894

