

Length-weight relationship of *Alburnus arborella* from Slovenia, sampled from 5.7.2011 to 17.10.2013 (n = 337, length range from 5.0 cm to 16.5 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Alburnus arborella***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **alive**
 Sampled from: **5.7.2011**
 Sampled to: **17.10.2013**
 n: **337**
 L min: **5.0 cm**
 L max: **16.5 cm**
 Data transformation: **natural logarithm**
 a: **0.010979575**
 b: **2.901914943**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6072
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6459) AND ((public_vt_specimen.specimen_condition_id)=9) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) 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	0.952347054
R Square	0.906964912
Adjusted R Square	0.906687195
Standard Error	0.172788349
Observations	337

ANOVA

	df	SS	MS	F	Significance F
Regression	1	97.50287715	97.50287715	3265.791998	8.1003E-175
Residual	335	10.00169756	0.029855814		
Total	336	107.5045747			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.511718516	0.111907731	-40.3164148	1.4332E-130	-4.731848918	-4.291588114	-4.731848918	-4.291588114
X Variable 1	2.901914943	0.050779734	57.1471084	8.1003E-175	2.802027625	3.001802261	2.802027625	3.001802261

