

Length-weight relationship of *Alburnus arborella* from Slovenia, sampled from 5.7.2011 to 23.9.2013 (n = 334, length range from .5 cm to 10.2 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: **from alcohol**
 Sampled from: **5.7.2011**
 Sampled to: **23.9.2013**
 n: **334**
 L min: **.5 cm**
 L max: **10.2 cm**
 Data transformation: **natural logarithm**
 a: **0.009724051**
 b: **2.868655071**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6071
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6459) AND ((public_vt_specimen.specimen_condition_id)=1) 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	0.97119239
R Square	0.943214658
Adjusted R Square	0.943043618
Standard Error	0.329597465
Observations	334

ANOVA

	df	SS	MS	F	Significance F
Regression	1	599.0734936	599.0734936	5514.579192	7.1925E-209
Residual	332	36.06665041	0.108634489		
Total	333	635.1401441			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.633152935	0.057580034	-80.4645742	7.8504E-220	-4.746420634	-4.519885235	-4.746420634	-4.519885235
X Variable 1	2.868655071	0.038629772	74.26021271	7.1925E-209	2.792665095	2.944645047	2.792665095	2.944645047

