

Length-weight relationship of *Alburnus alburnus* from Slovenia, sampled from 13.9.2011 to 15.10.2013 (n = 1239, length range from 4.8 cm to 17.3 cm)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**
Analysed on: **5.11.2013**
Country: **SVN**
Species: ***Alburnus alburnus***
Length type: **TL**
Season: **combined**
Sex: **mixed**
Specimen condition: **fresh**
Sampled from: **13.9.2011**
Sampled to: **15.10.2013**
n: **1239**
L min: **4.8 cm**
L max: **17.3 cm**
Data transformation: **natural logarithm**
a: **0.005231114**
b: **3.153969902**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6070
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2783) AND ((public_vt_specimen.specimen_condition_id)=3) 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	0.994069659
R Square	0.988174486
Adjusted R Square	0.988164926
Standard Error	0.133225532
Observations	1239

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	1834.671207	1834.671207	103367.3354	0
Residual	1237	21.95556532	0.017749042		
Total	1238	1856.626773			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.253130976	0.022994009	-228.456509	0	-5.298242543	-5.208019409	-5.298242543	-5.208019409
X Variable 1	3.153969902	0.009809929	321.5079087	0	3.134723963	3.173215841	3.134723963	3.173215841

