

Length-weight relationship of *Alburnus alburnus* from Slovenia, sampled from 20.4.2010 to 14.10.2014 (n = 4862, length range from 1.5 cm to 27.2 cm, specimen condition: mixed)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**
Analysed on: **11.11.2014**
Country: **SVN**
Species: ***Alburnus alburnus***
Length type: **TL (biometry_id = 76)**
Season: **combined**
Sex: **mixed**
Specimen condition: **mixed**
Sampled from: **20.4.2010**
Sampled to: **14.10.2014**
n: **4862**
L min: **1.5 cm**
L max: **27.2 cm**
Data transformation: **natural logarithm**
a: **0.005254746**
b: **3.136591376**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6356
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2783) 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 ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.993332356
R Square	0.986709169
Adjusted R Square	0.986706434
Standard Error	0.185659701
Observations	4862

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	12436.7979	12436.7979	360805.61	0
Residual	4860	167.5218902	0.034469525		
Total	4861	12604.31979			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.248623676	0.011872482	-442.083096	0	-5.271899109	-5.225348242	-5.271899109	-5.225348242
X Variable 1	3.136591376	0.005221813	600.6709665	0	3.126354261	3.14682849	3.126354261	3.14682849

