

**Length-weight relationship of *Abramis brama* from Slovenia, sampled from 20.4.2010 to 5.8.2014 (n = 212, length range from 3.6 cm to 61.0 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **10.2.2015**  
 Country: **SVN**  
 Species: ***Abramis brama***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **20.4.2010**  
 Sampled to: **5.8.2014**  
 n: **212**  
 L min: **3.6 cm**  
 L max: **61.0 cm**  
 Data transformation: **natural logarithm**  
 a: **0.006586476**  
 b: **3.138779264**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6397</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2770) 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	0.997696149
R Square	0.995397606
Adjusted R Square	0.99537569
Standard Error	0.111575804
Observations	212

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	565.4212994	565.4212994	45418.43004	2.2626E-247
Residual	210	2.614323585	0.01244916		
Total	211	568.035623			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.022736845	0.04238319	-118.507758	2.5875E-194	-5.106287876	-4.939185813	-5.106287876	-4.939185813
X Variable 1	3.138779264	0.014728032	213.1160014	2.2626E-247	3.10974553	3.167812998	3.10974553	3.167812998

