

Length-weight relationship of *Barbatula barbatula* from Slovenia, sampled from 21.4.2010 to 25.9.2013 (n = 611, length range from 1.7 cm to 8.9 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Barbatula barbatula***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **from alcohol**
 Sampled from: **21.4.2010**
 Sampled to: **25.9.2013**
 n: **611**
 L min: **1.7 cm**
 L max: **8.9 cm**
 Data transformation: **natural logarithm**
 a: **0.011406293**
 b: **2.867247028**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6073
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5647) 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	0.982084778
R Square	0.96449051
Adjusted R Square	0.964432202
Standard Error	0.155385893
Observations	611

ANOVA

	df	SS	MS	F	Significance F
Regression	1	399.3870648	399.3870648	16541.34505	0
Residual	609	14.70416835	0.024144776		
Total	610	414.0912331			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.473590017	0.036696702	-121.907142	0	-4.545657453	-4.40152258	-4.545657453	-4.40152258
X Variable 1	2.867247028	0.022293574	128.6131605	0	2.823465416	2.91102864	2.823465416	2.91102864

