

Length-weight relationship of *Rhodeus amarus* from Slovenia, sampled from 14.10.2010 to 29.10.2014 (n = 2249, length range from 1.5 cm to 8.9 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **11.11.2014**
 Country: **SVN**
 Species: ***Rhodeus amarus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **14.10.2010**
 Sampled to: **29.10.2014**
 n: **2249**
 L min: **1.5 cm**
 L max: **8.9 cm**
 Data transformation: **natural logarithm**
 a: **0.009174084**
 b: **3.195224322**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6352
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5118) 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	0.965902381
R Square	0.93296741
Adjusted R Square	0.932937578
Standard Error	0.268906774
Observations	2249

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	2261.450217	2261.450217	31274.00825	0
Residual	2247	162.4824869	0.072310853		
Total	2248	2423.932704			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.691372747	0.026704645	-175.676281	0	-4.743741097	-4.639004398	-4.743741097	-4.639004398
X Variable 1	3.195224322	0.018067979	176.8445878	0	3.15979265	3.230655995	3.15979265	3.230655995

