

Length-weight relationship of *Squalius squalus* from Slovenia, sampled from 15.5.2012 to 20.5.2014 (n = 1645, length range from 2.0 cm to 52.5 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **11.11.2014**
 Country: **SVN**
 Species: ***Squalius squalus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **15.5.2012**
 Sampled to: **20.5.2014**
 n: **1645**
 L min: **2.0 cm**
 L max: **52.5 cm**
 Data transformation: **natural logarithm**
 a: **0.007683293**
 b: **3.104608619**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6358
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6593) 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	0.996645222
R Square	0.993301699
Adjusted R Square	0.993297622
Standard Error	0.153343567
Observations	1645

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	5729.084364	5729.084364	243643.0875	0
Residual	1643	38.63391203	0.02351425		
Total	1644	5767.718276			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.868707054	0.015713967	-309.833104	0	-4.899528567	-4.837885541	-4.899528567	-4.837885541
X Variable 1	3.104608619	0.006289698	493.6021551	0	3.092271949	3.116945289	3.092271949	3.116945289

