

Length-weight relationship of *Squalius squalus* from Slovenia, sampled from 15.5.2012 to 17.10.2013 (n = 606, length range from 4.7 cm to 52.5 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.11.2013**
 Country: **SVN**
 Species: ***Squalius squalus***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **alive**
 Sampled from: **15.5.2012**
 Sampled to: **17.10.2013**
 n: **606**
 L min: **4.7 cm**
 L max: **52.5 cm**
 Data transformation: **natural logarithm**
 a: **0.008483769**
 b: **3.052708829**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6092
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6593) AND ((public_vt_specimen.specimen_condition_id)=9) 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	0.990123279
R Square	0.980344108
Adjusted R Square	0.980311565
Standard Error	0.203924265
Observations	606

ANOVA

	df	SS	MS	F	Significance F
Regression	1	1252.738832	1252.738832	30124.69971	0
Residual	604	25.11740405	0.041585106		
Total	605	1277.856236			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.76960043	0.045986557	-103.717275	0	-4.859913396	-4.679287465	-4.859913396	-4.679287465
X Variable 1	3.052708829	0.017588306	173.5646845	0	3.018167167	3.08725049	3.018167167	3.08725049

