

Length-weight relationship of *Squalius squalus* from Slovenia, sampled from 15.5.2012 to 23.9.2013 (n = 264, length range from 2.0 cm to 9.0 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: **preserved in alcohol**

Sampled from: **15.5.2012**

Sampled to: **23.9.2013**

n: **264**

L min: **2.0 cm**

L max: **9.0 cm**

Data transformation: **natural logarithm**

a: **0.008687467**

b: **3.005094576**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6091
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6593) 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	0.979063304
R Square	0.958564953
Adjusted R Square	0.958406804
Standard Error	0.177010579
Observations	264

ANOVA

	df	SS	MS	F	Significance F
Regression	1	189.9124552	189.9124552	6061.149574	3.7729E-183
Residual	262	8.20917924	0.031332745		
Total	263	198.1216344			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.745873887	0.05596141	-84.8061884	1.6363E-192	-4.856065241	-4.635682532	-4.856065241	-4.635682532
X Variable 1	3.005094576	0.038599408	77.85338512	3.7729E-183	2.929090039	3.081099113	2.929090039	3.081099113

