

Length-weight relationship of *Squalius cephalus* from Slovenia, sampled from 12.9.2011 to 9.9.2014 (n = 315, length range from 3.7 cm to 51.8 cm, specimen condition: fresh)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2014**
 Country: **SVN**
 Species: ***Squalius cephalus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **12.9.2011**
 Sampled to: **9.9.2014**
 n: **315**
 L min: **3.7 cm**
 L max: **51.8 cm**
 Data transformation: **natural logarithm**
 a: **0.008718665**
 b: **3.0493524**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6346
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5609) AND ((public_vt_specimen.specimen_condition_id)=3) 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	0.995650988
R Square	0.99132089
Adjusted R Square	0.991293162
Standard Error	0.121700093
Observations	315

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	529.4991192	529.4991192	35750.60744	0
Residual	313	4.635815617	0.014810913		
Total	314	534.1349348			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.742289195	0.046767777	-101.400782	1.9227E-241	-4.834308162	-4.650270228	-4.834308162	-4.650270228
X Variable 1	3.0493524	0.016127457	189.0783103	0	3.017620467	3.081084333	3.017620467	3.081084333

