

**Length-weight relationship of *Scardinius erythrophthalmus* from Slovenia, sampled from 17.5.2011 to 18.4.2016  
(n = 415, length range from 4.2 cm to 35.9 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **13.5.2016**  
 Country: **SVN**  
 Species: ***Scardinius erythrophthalmus***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **17.5.2011**  
 Sampled to: **18.4.2016**  
 n: **415**  
 L min: **4.2 cm**  
 L max: **35.9 cm**  
 Data transformation: **natural logarithm**  
 a: **0.005865463**  
 b: **3.276710803**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6448</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=917) 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 (([specimen_mass_g]/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.996673889
R Square	0.993358841
Adjusted R Square	0.993342761
Standard Error	0.117130878
Observations	415

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	847.5300794	847.5300794	61774.93919	0
Residual	413	5.666212341	0.013719642		
Total	414	853.1962917			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.138673926	0.034534305	-148.799114	0	-5.206558855	-5.070788998	-5.206558855	-5.070788998
X Variable 1	3.276710803	0.013183537	248.5456481	0	3.250795601	3.302626005	3.250795601	3.302626005

