

Length-weight relationship of *Romanogobio vladkovi* from Slovenia, sampled from 20.4.2010 to 20.4.2016 (n = 275, length range from 5.1 cm to 14.0 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: ***Romanogobio vladkovi***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.4.2010**
 Sampled to: **20.4.2016**
 n: **275**
 L min: **5.1 cm**
 L max: **14.0 cm**
 Data transformation: **natural logarithm**
 a: **0.006832008**
 b: **3.102861311**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6447
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6589) 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	0.984094407
R Square	0.968441802
Adjusted R Square	0.968326204
Standard Error	0.128495843
Observations	275

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	138.3254629	138.3254629	8377.683997	6.5946E-207
Residual	273	4.507552612	0.016511182		
Total	274	142.8330156			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.986136583	0.078774926	-63.2959855	3.5511E-165	-5.141220115	-4.831053051	-5.141220115	-4.831053051
X Variable 1	3.102861311	0.033900053	91.52968916	6.5946E-207	3.036122563	3.169600059	3.036122563	3.169600059

