

Length-weight relationship of *Romanogobio benacensis* from Slovenia, sampled from 19.9.2013 to 5.10.2017 (n = 38, length range from 6.1 cm to 14.0 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **21.12.2017**
 Country: **SVN**
 Species: ***Romanogobio benacensis***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **19.9.2013**
 Sampled to: **5.10.2017**
 n: **38**
 L min: **6.1 cm**
 L max: **14.0 cm**
 Data transformation: **natural logarithm**
 a: **0.006136787**
 b: **3.282121208**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6518
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6588) 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	0.973774497
R Square	0.948236771
Adjusted R Square	0.946798903
Standard Error	0.128636134
Observations	38

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	10.91249077	10.91249077	659.4743871	9.64001E-25
Residual	36	0.595701175	0.016547255		
Total	37	11.50819194			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.093453975	0.291875991	-17.4507467	3.7877E-19	-5.685405917	-4.501502033	-5.685405917	-4.501502033
X Variable 1	3.282121208	0.127807297	25.68023339	9.64001E-25	3.022915998	3.541326417	3.022915998	3.541326417

