

Length-weight relationship of *Romanogobio vladkovi* from Slovenia, sampled from 20.4.2010 to 26.9.2013 (n = 118, length range from 2.2 cm to 10.5 cm)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.11.2013**
 Country: **SVN**
 Species: ***Romanogobio vladkovi***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **preserved in alcohol**
 Sampled from: **20.4.2010**
 Sampled to: **26.9.2013**
 n: **118**
 L min: **2.2 cm**
 L max: **10.5 cm**
 Data transformation: **natural logarithm**
 a: **0.005845837**
 b: **3.126836413**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6086
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6589) 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	0.974186089
R Square	0.949038536
Adjusted R Square	0.948599213
Standard Error	0.221253453
Observations	118

ANOVA

	df	SS	MS	F	Significance F
Regression	1	105.749923	105.749923	2160.229759	7.94265E-77
Residual	116	5.678558507	0.048953091		
Total	117	111.4284816			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.142025433	0.105280718	-48.841094	3.32904E-79	-5.350547153	-4.933503713	-5.350547153	-4.933503713
X Variable 1	3.126836413	0.06727523	46.4782719	7.94265E-77	2.993589348	3.260083477	2.993589348	3.260083477

