

Length-weight relationship of *Padogobius bonelli* from Slovenia, sampled from 2.7.2013 to 20.5.2014 (n = 439, length range from 1.6 cm to 7.0 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **11.11.2014**
 Country: **SVN**
 Species: ***Padogobius bonelli***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **2.7.2013**
 Sampled to: **20.5.2014**
 n: **439**
 L min: **1.6 cm**
 L max: **7.0 cm**
 Data transformation: **natural logarithm**
 a: **0.009967444**
 b: **3.171673456**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6357
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5637) 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 ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.987269087
R Square	0.974700251
Adjusted R Square	0.974642357
Standard Error	0.180790962
Observations	439

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	550.2876045	550.2876045	16835.8985	0
Residual	437	14.28350754	0.032685372		
Total	438	564.571112			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.608431083	0.031382784	-146.845833	0	-4.670111035	-4.546751132	-4.670111035	-4.546751132
X Variable 1	3.171673456	0.02444389	129.7532216	0	3.123631257	3.219715654	3.123631257	3.219715654

