

Length-weight relationship of *Vimba vimba* from Slovenia, sampled from 21.4.2010 to 14.10.2014 (n = 140, length range from 4.0 cm to 38.1 cm, specimen condition: alive)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2014**
 Country: **SVN**
 Species: ***Vimba vimba***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **alive**
 Sampled from: **21.4.2010**
 Sampled to: **14.10.2014**
 n: **140**
 L min: **4.0 cm**
 L max: **38.1 cm**
 Data transformation: **natural logarithm**
 a: **0.006060792**
 b: **3.12009132**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6338
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2657) AND ((public_vt_specimen.specimen_condition_id)=9) 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	0.99459519
R Square	0.989219593
Adjusted R Square	0.989141474
Standard Error	0.144557822
Observations	140

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	264.6182626	264.6182626	12663.00045	1.2172E-137
Residual	138	2.883781011	0.020896964		
Total	139	267.5020436			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.105914768	0.075673689	-67.4727881	1.495E-107	-5.255544618	-4.956284917	-5.255544618	-4.956284917
X Variable 1	3.12009132	0.027726752	112.529998	1.2172E-137	3.065267116	3.174915524	3.065267116	3.174915524

