

Length-weight relationship of *Blicca bjoerkna* from Slovenia, sampled from 14.10.2010 to 23.5.2013 (n = 83, length range from 4.1 cm to 19.9 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **6.11.2013**
 Country: **SVN**
 Species: ***Blicca bjoerkna***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **alive**
 Sampled from: **14.10.2010**
 Sampled to: **23.5.2013**
 n: **83**
 L min: **4.1 cm**
 L max: **19.9 cm**
 Data transformation: **natural logarithm**
 a: **0.00620708**
 b: **3.165227867**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6078
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2656) 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	0.972369143
R Square	0.945501751
Adjusted R Square	0.944828933
Standard Error	0.184147313
Observations	83

ANOVA

	df	SS	MS	F	Significance F
Regression	1	47.65358508	47.65358508	1405.286288	6.04948E-53
Residual	81	2.74672885	0.033910233		
Total	82	50.40031393			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.082064685	0.19505596	-26.0543932	3.93376E-41	-5.470164854	-4.693964515	-5.470164854	-4.693964515
X Variable 1	3.165227867	0.084435013	37.48714831	6.04948E-53	2.997228679	3.333227055	2.997228679	3.333227055

