

Length-weight relationship of *Blicca bjoerkna* from Slovenia, sampled from 7.8.2011 to 28.6.2018 (n = 215, length range from 5.6 cm to 32.1 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **28.08.2019**
 Country: **SVN**
 Species: ***Blicca bjoerkna***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **07.08.2011**
 Sampled to: **28.06.2018**
 n: **215**
 L min: **5.6 cm**
 L max: **32.1 cm**
 Data transformation: **natural logarithm**
 a: **0.005712345**
 b: **3.221008778**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6560
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.987990484
R Square	0.976125196
Adjusted R Square	0.976013107
Standard Error	0.142820969
Observations	215

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	177.6352936	177.6352936	8708.539108	9.8408E-175
Residual	213	4.344737628	0.020397829		
Total	214	181.9800313			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.165125728	0.093073405	-55.4951841	1.2721E-128	-5.348588661	-4.981662794	-5.348588661	-4.981662794
X Variable 1	3.221008778	0.034515904	93.31955373	9.8408E-175	3.152972274	3.289045282	3.152972274	3.289045282

