

Length-weight relationship of Zingel zingel from Slovenia, sampled from 1.9.2011 to 16.10.2017 (n = 212, length range from 13.8 cm to 41.0 cm, specimen condition: mixed)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**
Analysed on: **28.08.2019**
Country: **SVN**
Species: **Zingel zingel**
Length type: **TL (biometry_id = 76)**
Season: **combined**
Sex: **mixed**
Specimen condition: **mixed**
Sampled from: **01.09.2011**
Sampled to: **16.10.2017**
n: **212**
L min: **13.8 cm**
L max: **41.0 cm**
Data transformation: **natural logarithm**
a: **0.002848539**
b: **3.304422411**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6563
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.988258845
R Square	0.976655545
Adjusted R Square	0.976544381
Standard Error	0.100518871
Observations	212

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	88.77121912	88.77121912	8785.712303	2.5391E-173
Residual	210	2.121849131	0.010104043		
Total	211	90.89306825			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.860949027	0.106690077	-54.9343404	1.4219E-126	-6.071269821	-5.650628232	-6.071269821	-5.650628232
X Variable 1	3.304422411	0.035253892	93.73213058	2.5391E-173	3.23492554	3.373919282	3.23492554	3.373919282

