

Length-weight relationship of Zingel streber from Slovenia, sampled from 2.8.2011 to 6.10.2016 (n = 150, length range from 11.5 cm to 20.1 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 streber**
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **02.08.2011**
 Sampled to: **06.10.2016**
 n: **150**
 L min: **11.5 cm**
 L max: **20.1 cm**
 Data transformation: **natural logarithm**
 a: **0.004700692**
 b: **3.105177374**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6564
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.948555666
R Square	0.899757851
Adjusted R Square	0.89908054
Standard Error	0.121103784
Observations	150

ANOVA

	df	SS	MS	F	Significance F
Regression	1	19.48284715	19.48284715	1328.424857	8.24932E-76
Residual	148	2.170586739	0.014666127		
Total	149	21.65343389			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.360045621	0.226337592	-23.6816411	3.35638E-52	-5.807316427	-4.912774815	-5.807316427	-4.912774815
X Variable 1	3.105177374	0.085195747	36.44756312	8.24932E-76	2.936820142	3.273534607	2.936820142	3.273534607

