

Length-weight relationship of Zingel streber from Slovenia, sampled from 14.6.2010 to 9.10.2013 (n = 155, length range from 4.6 cm to 18.5 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.11.2013**
 Country: **SVN**
 Species: **Zingel streber**
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **alive**
 Sampled from: **14.6.2010**
 Sampled to: **9.10.2013**
 n: **155**
 L min: **4.6 cm**
 L max: **18.5 cm**
 Data transformation: **natural logarithm**
 a: **0.005718193**
 b: **3.030006164**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6094
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5643) 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	0.937682017
R Square	0.879247565
Adjusted R Square	0.878458334
Standard Error	0.20531402
Observations	155

ANOVA

	df	SS	MS	F	Significance F
Regression	1	46.96171221	46.96171221	1114.055198	3.99467E-72
Residual	153	6.449538567	0.042153847		
Total	154	53.41125078			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.164102508	0.234930772	-21.9813797	3.33201E-49	-5.628229458	-4.699975558	-5.628229458	-4.699975558
X Variable 1	3.030006164	0.090779996	33.37746543	3.99467E-72	2.850662087	3.209350241	2.850662087	3.209350241

