

**Length-weight relationship of *Telestes souffia* from Slovenia, sampled from 25.5.2010 to 5.5.2016 (n = 1271, length range from 4.0 cm to 18.8 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **13.5.2016**  
 Country: **SVN**  
 Species: ***Telestes souffia***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **25.5.2010**  
 Sampled to: **5.5.2016**  
 n: **1271**  
 L min: **4.0 cm**  
 L max: **18.8 cm**  
 Data transformation: **natural logarithm**  
 a: **0.008804158**  
 b: **3.037784412**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6449</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5638) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (([bm2_mm]/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND (([specimen_mass_g]/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.993601078
R Square	0.987243102
Adjusted R Square	0.987233049
Standard Error	0.112068147
Observations	1271

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	1233.403086	1233.403086	98206.59384	0
Residual	1269	15.93771309	0.01255927		
Total	1270	1249.340799			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.732531196	0.022955684	-206.159454	0	-4.777566462	-4.687495931	-4.777566462	-4.687495931
X Variable 1	3.037784412	0.009693634	313.379313	0	3.0187671	3.056801724	3.0187671	3.056801724

