

# Length-weight relationship of *Telestes muticellus* from Slovenia, sampled from 19.6.2012 to 13.4.2016 (n = 223, length range from 5.0 cm to 17.3 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 muticellus***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **19.6.2012**  
 Sampled to: **13.4.2016**  
 n: **223**  
 L min: **5.0 cm**  
 L max: **17.3 cm**  
 Data transformation: **natural logarithm**  
 a: **0.010286315**  
 b: **3.007208421**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6460</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=10922) 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	0.98037315
R Square	0.961131513
Adjusted R Square	0.960955638
Standard Error	0.113039498
Observations	223

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	69.82933366	69.82933366	5464.84007	7.7325E-158
Residual	221	2.823922117	0.012777928		
Total	222	72.65325578			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.576940948	0.098746736	-46.3503011	8.1119E-116	-4.771546692	-4.382335204	-4.771546692	-4.382335204
X Variable 1	3.007208421	0.040679425	73.92455661	7.7325E-158	2.927039192	3.08737765	2.927039192	3.08737765

