

Length-weight relationship of *Trisopterus minutus* from Slovenia, sampled from 3.8.1995 to 13.1.2016 (n = 722, length range from 6.2 cm to 23.8 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: ***Trisopterus minutus***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **3.8.1995**
 Sampled to: **13.1.2016**
 n: **722**
 L min: **6.2 cm**
 L max: **23.8 cm**
 Data transformation: **natural logarithm**
 a: **0.006802149**
 b: **3.172869273**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6450
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1098) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (([bm1_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	0.990252802
R Square	0.980600612
Adjusted R Square	0.980573669
Standard Error	0.09397344
Observations	722

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	321.4007495	321.4007495	36394.5737	0
Residual	720	6.358325324	0.008831007		
Total	721	327.7590748			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.990516669	0.04098753	-121.756952	0	-5.070986019	-4.910047318	-5.070986019	-4.910047318
X Variable 1	3.172869273	0.016631593	190.773619	0	3.140217061	3.205521486	3.140217061	3.205521486

