

Length-weight relationship of *Lepidotrigla cavillone* from the Gulf of Trieste, sampled from 27.8.1999 to 1.8.2013 (n = 92, length range from 6.0 cm to 17.6 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Lepidotrigla cavillone***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **defrosted**
 Sampled from: **27.8.1999**
 Sampled to: **1.8.2013**
 n: **92**
 L min: **6.0 cm**
 L max: **17.6 cm**
 Data transformation: **natural logarithm**
 a: **0.013414829**
 b: **2.966190863**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6044
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=567) AND ((public_vt_specimen.specimen_condition_id)=2) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) AND (((bm1_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	0.972316008
R Square	0.945398419
Adjusted R Square	0.944791735
Standard Error	0.102773519
Observations	92

ANOVA

	df	SS	MS	F	Significance F
Regression	1	16.45942342	16.45942342	1558.303921	1.28756E-58
Residual	90	0.950615658	0.010562396		
Total	91	17.41003908			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.311394509	0.171809651	-25.0940182	2.09305E-42	-4.65272436	-3.970064657	-4.65272436	-3.970064657
X Variable 1	2.966190863	0.075140315	39.4753584	1.28756E-58	2.816911516	3.115470211	2.816911516	3.115470211

