

Length-weight relationship of *Deltentosteus quadrimaculatus* from the Gulf of Trieste, sampled from 2.2.2000 to 7.12.2011 (n = 53, length range from 6.4 cm to 9.6 cm)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Deltentosteus quadrimaculatus***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **2.2.2000**
 Sampled to: **7.12.2011**
 n: **53**
 L min: **6.4 cm**
 L max: **9.6 cm**
 Data transformation: **natural logarithm**
 a: **0.007165289**
 b: **3.129492264**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6036
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=455) AND ((public_vt_specimen.specimen_condition_id)=3) 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	0.959108702
R Square	0.919889503
Adjusted R Square	0.918318708
Standard Error	0.087987745
Observations	53

ANOVA

	df	SS	MS	F	Significance F
Regression	1	4.533783631	4.533783631	585.6206878	1.28094E-29
Residual	51	0.394834011	0.007741843		
Total	52	4.928617642			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.938506925	0.26687751	-18.50477	2.81177E-24	-5.474285871	-4.402727979	-5.474285871	-4.402727979
X Variable 1	3.129492264	0.129319994	24.19960098	1.28094E-29	2.869871548	3.389112981	2.869871548	3.389112981

