

## Length-weight relationship of *Trisopterus minutus* from the Gulf of Trieste, sampled from 11.5.1998 to 16.5.2001 (n = 43, length range from 4.8 cm to 9.9 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **5.11.2013**  
 Country: **SVN**  
 Species: ***Trisopterus minutus***  
 Length type: **TLmax**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **from formaldehyde**  
 Sampled from: **11.5.1998**  
 Sampled to: **16.5.2001**  
 n: **43**  
 L min: **4.8 cm**  
 L max: **9.9 cm**  
 Data transformation: **natural logarithm**  
 a: **0.005998413**  
 b: **3.294430817**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	<b>6066</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1098) AND ((public_vt_specimen.specimen_condition_id)=5) 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	0.989891865
R Square	0.979885904
Adjusted R Square	0.979395317
Standard Error	0.084969354
Observations	43

### ANOVA

	df	SS	MS	F	Significance F
Regression	1	14.42060545	14.42060545	1997.371537	2.08385E-36
Residual	41	0.296011439	0.007219791		
Total	42	14.71661689			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.116260341	0.150999285	-33.8826793	1.32048E-31	-5.42120958	-4.811311102	-5.42120958	-4.811311102
X Variable 1	3.294430817	0.073714167	44.69196278	2.08385E-36	3.145562038	3.443299596	3.145562038	3.443299596

