

**Length-weight relationship of *Atherina boyeri* from the Gulf of Trieste, sampled from 16.1.1997 to 22.3.2002  
(n = 36, length range from 5.7 cm to 10.9 cm)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **5.11.2013**  
 Country: **SVN**  
 Species: ***Atherina boyeri***  
 Length type: **TLmax**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **from formaldehyde**  
 Sampled from: **16.1.1997**  
 Sampled to: **22.3.2002**  
 n: **36**  
 L min: **5.7 cm**  
 L max: **10.9 cm**  
 Data transformation: **natural logarithm**  
 a: **0.004871917**  
 b: **3.144356242**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	<b>6033</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=196) 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	0.984287782
R Square	0.968822438
Adjusted R Square	0.967905451
Standard Error	0.083634814
Observations	36

ANOVA

	df	SS	MS	F	Significance F
Regression	1	7.390182252	7.390182252	1056.527871	3.42622E-27
Residual	34	0.237822592	0.006994782		
Total	35	7.628004844			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.324267747	0.205578142	-25.8989974	5.77558E-24	-5.742052795	-4.9064827	-5.742052795	-4.9064827
X Variable 1	3.144356242	0.096736699	32.50427466	3.42622E-27	2.947763618	3.340948867	2.947763618	3.340948867

