

Length-weight relationship of *Aphanius fasciatus* from the Gulf of Trieste, sampled from 2.2.1997 to 30.11.2001 (n = 32, length range from 2.1 cm to 5.1 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Aphanius fasciatus***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **from formaldehyde**
 Sampled from: **2.2.1997**
 Sampled to: **30.11.2001**
 n: **32**
 L min: **2.1 cm**
 L max: **5.1 cm**
 Data transformation: **natural logarithm**
 a: **0.010842614**
 b: **3.182748402**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6032
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=149) 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	0.991002471
R Square	0.982085898
Adjusted R Square	0.981488761
Standard Error	0.083336626
Observations	32

ANOVA

	df	SS	MS	F	Significance F
Regression	1	11.42214098	11.42214098	1644.658332	9.14881E-28
Residual	30	0.208349797	0.006944993		
Total	31	11.63049077			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.524271149	0.091759356	-49.3058296	2.83289E-30	-4.711668753	-4.336873545	-4.711668753	-4.336873545
X Variable 1	3.182748402	0.078480988	40.55438733	9.14881E-28	3.022468841	3.343027962	3.022468841	3.343027962

