

Length-weight relationship of *Pagellus erythrinus* from the Gulf of Trieste, sampled from 22.6.1998 to 19.3.2013 (n = 488, length range from 4.6 cm to 38.8 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Pagellus erythrinus***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **22.6.1998**
 Sampled to: **19.3.2013**
 n: **488**
 L min: **4.6 cm**
 L max: **38.8 cm**
 Data transformation: **natural logarithm**
 a: **0.016276429**
 b: **2.912189716**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6053
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=731) 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	0.994783391
R Square	0.989593994
Adjusted R Square	0.989572583
Standard Error	0.094269256
Observations	488

ANOVA

	df	SS	MS	F	Significance F
Regression	1	410.7233671	410.7233671	46217.79845	0
Residual	486	4.3189326	0.008886693		
Total	487	415.0422997			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.118037281	0.038623872	-106.618967	0	-4.193927669	-4.042146893	-4.193927669	-4.042146893
X Variable 1	2.912189716	0.013546124	214.9832516	0	2.885573519	2.938805913	2.885573519	2.938805913

