

Length-weight relationship of *Pagellus erythrinus* from Slovenia, sampled from 24.4.1995 to 12.12.2014 (n = 2117, length range from 4.5 cm to 39.3 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Pagellus erythrinus***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **24.4.1995**
 Sampled to: **12.12.2014**
 n: **2117**
 L min: **4.5 cm**
 L max: **39.3 cm**
 Data transformation: **natural logarithm**
 a: **0.015488815**
 b: **2.933999443**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6379
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=731) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) 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	0.994626185
R Square	0.989281248
Adjusted R Square	0.98927618
Standard Error	0.077758917
Observations	2117

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	1180.283464	1180.283464	195202.7405	0
Residual	2115	12.78824016	0.006046449		
Total	2116	1193.071704			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.167637122	0.018345347	-227.176795	0	-4.203613928	-4.131660315	-4.203613928	-4.131660315
X Variable 1	2.933999443	0.006640749	441.8175421	0	2.920976361	2.947022524	2.920976361	2.947022524

