

Length-weight relationship of *Sprattus sprattus* from Slovenia, sampled from 20.12.1995 to 16.9.2014 (n = 2716, length range from 5.7 cm to 15.3 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Sprattus sprattus***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.12.1995**
 Sampled to: **16.9.2014**
 n: **2716**
 L min: **5.7 cm**
 L max: **15.3 cm**
 Data transformation: **natural logarithm**
 a: **0.006167165**
 b: **3.049293159**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6388
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1006) 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	0.97721279
R Square	0.954944838
Adjusted R Square	0.954928237
Standard Error	0.100165878
Observations	2716

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	577.1426607	577.1426607	57523.27056	0
Residual	2714	27.23011341	0.010033203		
Total	2715	604.3727741			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.088516005	0.030294632	-167.967582	0	-5.147918882	-5.029113128	-5.147918882	-5.029113128
X Variable 1	3.049293159	0.012713859	239.8400937	0	3.024363336	3.074222983	3.024363336	3.074222983

