

Length-weight relationship of *Spicara flexuosa* from the Gulf of Trieste, sampled from 11.8.1998 to 19.3.2013 (n = 456, length range from 8.5 cm to 22.2 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Spicara flexuosa***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **11.8.1998**
 Sampled to: **19.3.2013**
 n: **456**
 L min: **8.5 cm**
 L max: **22.2 cm**
 Data transformation: **natural logarithm**
 a: **0.009517938**
 b: **3.044722278**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6059
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=994) 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	0.990157763
R Square	0.980412396
Adjusted R Square	0.980369252
Standard Error	0.07693768
Observations	456

ANOVA

	df	SS	MS	F	Significance F
Regression	1	134.512147	134.512147	22723.92431	0
Residual	454	2.687410585	0.005919407		
Total	455	137.1995576			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.654577053	0.05270678	-88.3107835	4.6628E-288	-4.758156569	-4.550997536	-4.758156569	-4.550997536
X Variable 1	3.044722278	0.020197891	150.7445664	0	3.005029325	3.084415231	3.005029325	3.084415231

