

Length-weight relationship of *Spicara flexuosa* from Slovenia, sampled from 24.4.1995 to 16.9.2014 (n = 4411, length range from 6.6 cm to 23.0 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Spicara flexuosa***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **24.4.1995**
 Sampled to: **16.9.2014**
 n: **4411**
 L min: **6.6 cm**
 L max: **23.0 cm**
 Data transformation: **natural logarithm**
 a: **0.009067219**
 b: **3.065124903**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6381
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=994) 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	0.989503449
R Square	0.979117076
Adjusted R Square	0.979112339
Standard Error	0.087909284
Observations	4411

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	1597.544242	1597.544242	206720.4365	0
Residual	4409	34.07293774	0.007728042		
Total	4410	1631.617179			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.703089677	0.017609393	-267.078462	0	-4.73761293	-4.668566424	-4.73761293	-4.668566424
X Variable 1	3.065124903	0.006741499	454.6651916	0	3.05190818	3.078341626	3.05190818	3.078341626

