

Length-weight relationship of *Scomber scombrus* from Slovenia, sampled from 22.3.2002 to 9.6.2014 (n = 110, length range from 10.3 cm to 31.8 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **18.5.2015**
 Country: **SVN**
 Species: ***Scomber scombrus***
 Length type: **FL (biometry_id = 79)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **22.3.2002**
 Sampled to: **9.6.2014**
 n: **110**
 L min: **10.3 cm**
 L max: **31.8 cm**
 Data transformation: **natural logarithm**
 a: **0.002637434**
 b: **3.463919294**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6416
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=926) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm3_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	0.995771271
R Square	0.991560425
Adjusted R Square	0.99148228
Standard Error	0.079982118
Observations	110

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	81.17235455	81.17235455	12688.85246	8.0787E-114
Residual	108	0.690891026	0.006397139		
Total	109	81.86324558			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.937948897	0.086274346	-68.8263567	4.87215E-91	-6.108959612	-5.766938181	-6.108959612	-5.766938181
X Variable 1	3.463919294	0.030750812	112.6448066	8.0787E-114	3.402965851	3.524872737	3.402965851	3.524872737

