

Length-weight relationship of *Scomber scombrus* from Slovenia, sampled from 21.8.1996 to 27.8.2014 (n = 188, length range from 11.1 cm to 34.2 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: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **21.8.1996**
 Sampled to: **27.8.2014**
 n: **188**
 L min: **11.1 cm**
 L max: **34.2 cm**
 Data transformation: **natural logarithm**
 a: **0.002635856**
 b: **3.36546243**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6415
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 (((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	0.995842743
R Square	0.991702769
Adjusted R Square	0.991658161
Standard Error	0.091812396
Observations	188

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	187.3975682	187.3975682	22231.11832	1.695E-195
Residual	186	1.567889981	0.008429516		
Total	187	188.9654582			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.938547232	0.068314714	-86.9292556	1.4776E-152	-6.073318504	-5.803775959	-6.073318504	-5.803775959
X Variable 1	3.36546243	0.022571691	149.1010339	1.695E-195	3.320932997	3.409991863	3.320932997	3.409991863

