

Length-weight relationship of *Sardina pilchardus* from Slovenia, sampled from 11.5.1998 to 25.2.2014 (n = 22671, length range from 9.0 cm to 21.2 cm, specimen condition: mixed)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**

Analysed on: **7.1.2015**

Country: **SVN**

Species: ***Sardina pilchardus***

Length type: **TLmax (biometry_id = 78)**

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **11.5.1998**

Sampled to: **25.2.2014**

n: **22671**

L min: **9.0 cm**

L max: **21.2 cm**

Data transformation: **natural logarithm**

a: **0.013208249**

b: **2.814048824**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6368
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=910) 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	0.956123783
R Square	0.914172689
Adjusted R Square	0.914168903
Standard Error	0.087255484
Observations	22671

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	1838.317661	1838.317661	241454.3855	0
Residual	22669	172.5908725	0.007613519		
Total	22670	2010.908534			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.326913753	0.015284843	-283.085266	0	-4.356873093	-4.296954413	-4.356873093	-4.296954413
X Variable 1	2.814048824	0.005726827	491.3800825	0	2.80282385	2.825273798	2.80282385	2.825273798

