

Length-weight relationship of *Trachurus mediterraneus* from Slovenia, sampled from 16.6.1996 to 10.6.2014 (n = 1756, length range from 2.2 cm to 48.8 cm, specimen condition: mixed)

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

Analysed on: **7.1.2015**

Country: **SVN**

Species: ***Trachurus mediterraneus***

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

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **16.6.1996**

Sampled to: **10.6.2014**

n: **1756**

L min: **2.2 cm**

L max: **48.8 cm**

Data transformation: **natural logarithm**

a: **0.009118633**

b: **2.95914423**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6370
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1074) 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	0.996839464
R Square	0.993688916
Adjusted R Square	0.993685318
Standard Error	0.092482182
Observations	1756

ANOVA

	df	SS	MS	F	Significance F
Regression	1	2362.067053	2362.067053	276169.7384	0
Residual	1754	15.00188122	0.008552954		
Total	1755	2377.068934			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.697435387	0.014998194	-313.200075	0	-4.726851604	-4.668019169	-4.726851604	-4.668019169
X Variable 1	2.95914423	0.005630904	525.5185424	0	2.948100242	2.970188219	2.948100242	2.970188219

