

Length-weight relationship of *Trachurus trachurus* from Slovenia, sampled from 22.8.1995 to 16.9.2014 (n = 307, length range from 4.9 cm to 30.8 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: ***Trachurus trachurus***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **22.8.1995**
 Sampled to: **16.9.2014**
 n: **307**
 L min: **4.9 cm**
 L max: **30.8 cm**
 Data transformation: **natural logarithm**
 a: **0.009887886**
 b: **2.945428941**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6454
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1077) 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 (([specimen_mass_g]/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.989856224
R Square	0.979815343
Adjusted R Square	0.979749164
Standard Error	0.093085647
Observations	307

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	128.2886261	128.2886261	14805.48737	1.5121E-260
Residual	305	2.642806007	0.008664938		
Total	306	130.9314321			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.616444931	0.05890236	-78.3745325	3.9151E-204	-4.732351363	-4.5005385	-4.732351363	-4.5005385
X Variable 1	2.945428941	0.02420679	121.6778015	1.5121E-260	2.897795491	2.993062391	2.897795491	2.993062391

