

Length-weight relationship of *Loligo vulgaris* from Slovenia, sampled from 22.11.1995 to 16.9.2014 (n = 3043, length range from 1.7 cm to 44.6 cm, specimen condition: mixed)

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

Analysed on: **7.1.2015**

Country: **SVN**

Species: ***Loligo vulgaris***

Length type: **ML (biometry_id = 184)**

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **22.11.1995**

Sampled to: **16.9.2014**

n: **3043**

L min: **1.7 cm**

L max: **44.6 cm**

Data transformation: **natural logarithm**

a: **0.122471443**

b: **2.481568722**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6385
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=585) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm4_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	0.993109946
R Square	0.986267366
Adjusted R Square	0.98626285
Standard Error	0.155254167
Observations	3043

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	5264.337982	5264.337982	218402.3117	0
Residual	3041	73.29982764	0.024103857		
Total	3042	5337.63781			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-2.099877398	0.011849176	-177.217162	0	-2.123110603	-2.076644193	-2.123110603	-2.076644193
X Variable 1	2.481568722	0.005310039	467.3353311	0	2.471157094	2.491980351	2.471157094	2.491980351

