

Length-weight relationship of Boops boops from Slovenia, sampled from 12.10.1995 to 13.1.2016 (n = 495, length range from 11.7 cm to 33.5 cm, specimen condition: mixed)

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

Analysed on: **13.5.2016**

Country: **SVN**

Species: **Boops boops**

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

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **12.10.1995**

Sampled to: **13.1.2016**

n: **495**

L min: **11.7 cm**

L max: **33.5 cm**

Data transformation: **natural logarithm**

a: **0.007653797**

b: **3.098037448**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6455
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=47) 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	0.98442047
R Square	0.969083661
Adjusted R Square	0.96902095
Standard Error	0.091223225
Observations	495

ANOVA

	df	SS	MS	F	Significance F
Regression	1	128.5970406	128.5970406	15453.26065	0
Residual	493	4.102586661	0.008321677		
Total	494	132.6996273			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.872553432	0.073194413	-66.5700186	1.5709E-248	-5.016364896	-4.728741969	-5.016364896	-4.728741969
X Variable 1	3.098037448	0.024921639	124.3111445	0	3.049071725	3.147003172	3.049071725	3.147003172

