

Length-weight relationship of *Chelidonichthys lucerna* from Slovenia, sampled from 15.7.1997 to 21.6.2019 (n = 176, length range from 7.9 cm to 41.0 cm, specimen condition: mixed)

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

Analysed on: **28.08.2019**

Country: **SVN**

Species: ***Chelidonichthys lucerna***

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

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **15.07.1997**

Sampled to: **21.06.2019**

n: **176**

L min: **7.9 cm**

L max: **41.0 cm**

Data transformation: **natural logarithm**

a: **0.008500653**

b: **3.021703983**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6558
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.996943352
R Square	0.993896047
Adjusted R Square	0.993860967
Standard Error	0.098219149
Observations	176

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	273.31999	273.31999	28332.11931	1.3506E-194
Residual	174	1.678578215	0.009647001		
Total	175	274.9985682			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.767612272	0.055695047	-85.6020876	3.7574E-144	-4.877537109	-4.657687435	-4.877537109	-4.657687435
X Variable 1	3.021703983	0.017951981	168.3214761	1.3506E-194	2.986272311	3.057135655	2.986272311	3.057135655

