

Length-weight relationship of *Salvelinus umbla* from Slovenia, sampled from 1.9.2014 to 10.9.2018 (n = 229, length range from 11.2 cm to 42.9 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **28.08.2019**
 Country: **SVN**
 Species: ***Salvelinus umbla***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **01.09.2014**
 Sampled to: **10.09.2018**
 n: **229**
 L min: **11.2 cm**
 L max: **42.9 cm**
 Data transformation: **natural logarithm**
 a: **0.006179383**
 b: **3.097077132**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6561
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.994117275
R Square	0.988269157
Adjusted R Square	0.988217479
Standard Error	0.07884744
Observations	229

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	118.8904722	118.8904722	19123.69717	3.9342E-221
Residual	227	1.411240564	0.006216919		
Total	228	120.3017128			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.086536851	0.069962415	-72.7038484	3.1278E-159	-5.224395658	-4.948678044	-5.224395658	-4.948678044
X Variable 1	3.097077132	0.022395775	138.2884564	3.9342E-221	3.052946941	3.141207324	3.052946941	3.141207324

