

**Length-weight relationship of *Mullus surmuletus* from Slovenia, sampled from 10.4.1996 to 18.12.2018 (n = 164, length range from 10.4 cm to 24.5 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **28.08.2019**  
 Country: **SVN**  
 Species: ***Mullus surmuletus***  
 Length type: **TLmax (biometry\_id = 78)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **10.04.1996**  
 Sampled to: **18.12.2018**  
 n: **164**  
 L min: **10.4 cm**  
 L max: **24.5 cm**  
 Data transformation: **natural logarithm**  
 a: **0.009909766**  
 b: **3.097489287**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6555</b>
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.980299161
R Square	0.960986445
Adjusted R Square	0.960745621
Standard Error	0.087676617
Observations	164

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	30.67498242	30.67498242	3990.402929	4.9375E-116
Residual	162	1.245324655	0.007687189		
Total	163	31.92030708			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.614234568	0.138711133	-33.2650629	2.68037E-74	-4.888149633	-4.340319504	-4.888149633	-4.340319504
X Variable 1	3.097489287	0.049034465	63.16963613	4.9375E-116	3.000660155	3.194318418	3.000660155	3.194318418

