

# Length-weight relationship of *Misgurnus fossilis* from Slovenia, sampled from 8.9.2011 to 13.6.2019 (n = 291, length range from 12.1 cm to 26.9 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **28.08.2019**  
 Country: **SVN**  
 Species: ***Misgurnus fossilis***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **08.09.2011**  
 Sampled to: **13.06.2019**  
 n: **291**  
 L min: **12.1 cm**  
 L max: **26.9 cm**  
 Data transformation: **natural logarithm**  
 a: **0.007775037**  
 b: **2.839594138**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6565</b>
SELECT CONDITIONS	NOTES

## SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.966318708
R Square	0.933771845
Adjusted R Square	0.933542682
Standard Error	0.140167035
Observations	291

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	80.05486657	80.05486657	4074.703024	2.1211E-172
Residual	289	5.677924576	0.019646798		
Total	290	85.73279115			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.856837047	0.126104882	-38.5142666	7.8318E-116	-5.105037488	-4.608636607	-5.105037488	-4.608636607
X Variable 1	2.839594138	0.044484457	63.83340054	2.1211E-172	2.752039544	2.927148732	2.752039544	2.927148732

