

Length-weight relationship of *Ameiurus melas* from Slovenia, sampled from 12.7.2012 to 19.6.2018 (n = 137, length range from 8.6 cm to 24.0 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **28.08.2019**
 Country: **SVN**
 Species: ***Ameiurus melas***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **12.07.2012**
 Sampled to: **19.06.2018**
 n: **137**
 L min: **8.6 cm**
 L max: **24.0 cm**
 Data transformation: **natural logarithm**
 a: **0.012429391**
 b: **2.987644358**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6562
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.986014019
R Square	0.972223647
Adjusted R Square	0.972017896
Standard Error	0.140451574
Observations	137

ANOVA

	df	SS	MS	F	Significance F
Regression	1	93.21331225	93.21331225	4725.249229	6.167E-107
Residual	135	2.663097022	0.019726645		
Total	136	95.87640927			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.387691342	0.119744951	-36.6419735	5.10759E-72	-4.624510007	-4.150872676	-4.624510007	-4.150872676
X Variable 1	2.987644358	0.043462684	68.74044828	6.167E-107	2.901688544	3.073600172	2.901688544	3.073600172

