

Length-weight relationship of *Dicentrarchus labrax* from Slovenia, sampled from 20.12.1995 to 23.12.2018 (n = 188, length range from 14.6 cm to 84.2 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **28.08.2019**
 Country: **SVN**
 Species: ***Dicentrarchus labrax***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.12.1995**
 Sampled to: **23.12.2018**
 n: **188**
 L min: **14.6 cm**
 L max: **84.2 cm**
 Data transformation: **natural logarithm**
 a: **0.008234287**
 b: **3.068503924**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6554
SELECT CONDITIONS	NOTES

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.984985509
R Square	0.970196453
Adjusted R Square	0.970036219
Standard Error	0.124975049
Observations	188

ANOVA

	df	SS	MS	F	Significance F
Regression	1	94.56954601	94.56954601	6054.867912	7.5861E-144
Residual	186	2.90508989	0.015618763		
Total	187	97.4746359			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.799448525	0.140547446	-34.1482442	4.77722E-82	-5.076720543	-4.522176506	-5.076720543	-4.522176506
X Variable 1	3.068503924	0.039434319	77.81303176	7.5861E-144	2.990707895	3.146299953	2.990707895	3.146299953

