

Length-weight relationship of *Eudontomyzon vladykovi* from Slovenia, sampled from 25.5.2010 to 10.5.2017 (n = 105, length range from 8.5 cm to 24.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **21.12.2017**
 Country: **SVN**
 Species: ***Eudontomyzon vladykovi***
 Length type: **TL (biometry_id = 205)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **25.5.2010**
 Sampled to: **10.5.2017**
 n: **105**
 L min: **8.5 cm**
 L max: **24.5 cm**
 Data transformation: **natural logarithm**
 a: **0.004092828**
 b: **2.710006387**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6520
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6586) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (- 1,1,2,74)) AND (((bm2_mm)/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND (((specimen_mass_g)/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.974454608
R Square	0.949561782
Adjusted R Square	0.949072091
Standard Error	0.125435027
Observations	105

ANOVA

	df	SS	MS	F	Significance F
Regression	1	30.5097308	30.5097308	1939.1023	1.25202E-68
Residual	103	1.620596434	0.015733946		
Total	104	32.13032724			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.498519224	0.179052601	-30.7089603	1.17734E-53	-5.853627818	-5.14341063	-5.853627818	-5.14341063
X Variable 1	2.710006387	0.061541766	44.0352393	1.25202E-68	2.587952813	2.832059961	2.587952813	2.832059961

