

Length-weight relationship of *Esox lucius* from Slovenia, sampled from 15.9.2010 to 15.10.2013 (n = 260, length range from 4.2 cm to 75.0 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **6.11.2013**
 Country: **SVN**
 Species: ***Esox lucius***
 Length type: **TL**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **alive**
 Sampled from: **15.9.2010**
 Sampled to: **15.10.2013**
 n: **260**
 L min: **4.2 cm**
 L max: **75.0 cm**
 Data transformation: **natural logarithm**
 a: **0.008075608**
 b: **2.932009457**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6083
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=388) AND ((public_vt_specimen.specimen_condition_id)=9) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) AND (((bm2_mm)/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.99484302
R Square	0.989712635
Adjusted R Square	0.989672761
Standard Error	0.190659528
Observations	260

ANOVA

	df	SS	MS	F	Significance F
Regression	1	902.2807236	902.2807236	24821.30737	1.9283E-258
Residual	258	9.378572339	0.036351056		
Total	259	911.659296			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.818907101	0.053466076	-90.1301807	4.9342E-197	-4.924192569	-4.713621633	-4.924192569	-4.713621633
X Variable 1	2.932009457	0.018610286	157.5477939	1.9283E-258	2.895362058	2.968656856	2.895362058	2.968656856

