

Length-weight relationship of *Silurus glanis* from Slovenia, sampled from 20.4.2010 to 7.10.2014 (n = 58, length range from 8.0 cm to 150.0 cm, specimen condition: mixed)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**

Analysed on: **10.2.2015**

Country: **SVN**

Species: ***Silurus glanis***

Length type: **TL (biometry_id = 76)**

Season: **combined**

Sex: **mixed**

Specimen condition: **mixed**

Sampled from: **20.4.2010**

Sampled to: **7.10.2014**

n: **58**

L min: **8.0 cm**

L max: **150.0 cm**

Data transformation: **natural logarithm**

a: **0.00931294**

b: **2.889530374**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6394
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=3481) 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 ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.995998797
R Square	0.992013604
Adjusted R Square	0.99187099
Standard Error	0.204321811
Observations	58

ANOVA

	df	SS	MS	F	Significance F
Regression	1	290.3917644	290.3917644	6955.924129	1.96522E-60
Residual	56	2.33785454	0.041747402		
Total	57	292.7296189			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.676350485	0.118924103	-39.3221423	1.77961E-42	-4.914584088	-4.438116882	-4.914584088	-4.438116882
X Variable 1	2.889530374	0.03464574	83.402183	1.96522E-60	2.820126617	2.958934132	2.820126617	2.958934132

