

Length-weight relationship of *Sander lucioperca* from Slovenia, sampled from 20.4.2010 to 10.9.2014 (n = 172, length range from 4.7 cm to 80.5 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **10.2.2015**
 Country: **SVN**
 Species: ***Sander lucioperca***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.4.2010**
 Sampled to: **10.9.2014**
 n: **172**
 L min: **4.7 cm**
 L max: **80.5 cm**
 Data transformation: **natural logarithm**
 a: **0.005521005**
 b: **3.106888602**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6393
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2675) 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	0.998519328
R Square	0.997040849
Adjusted R Square	0.997023443
Standard Error	0.094492382
Observations	172

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	511.4325772	511.4325772	57278.9164	6.8535E-217
Residual	170	1.517897746	0.00892881		
Total	171	512.9504749			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.199195357	0.040605222	-128.042531	5.5645E-171	-5.279350742	-5.119039973	-5.279350742	-5.119039973
X Variable 1	3.106888602	0.012981602	239.330141	6.8535E-217	3.081262703	3.1325145	3.081262703	3.1325145

