

Length-weight relationship of *Salmo marmoratus* from Slovenia, sampled from 25.5.2011 to 18.9.2014 (n = 1045, length range from 4.5 cm to 60.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **10.2.2015**
 Country: **SVN**
 Species: ***Salmo marmoratus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **25.5.2011**
 Sampled to: **18.9.2014**
 n: **1045**
 L min: **4.5 cm**
 L max: **60.5 cm**
 Data transformation: **natural logarithm**
 a: **0.009831174**
 b: **3.002734106**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6400
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=905) 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	0.995519493
R Square	0.991059061
Adjusted R Square	0.991050489
Standard Error	0.151370448
Observations	1045

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	2649.005804	2649.005804	115611.4156	0
Residual	1043	23.89827198	0.022913012		
Total	1044	2672.904076			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.62219697	0.024634466	-187.631301	0	-4.67053573	-4.573858209	-4.67053573	-4.573858209
X Variable 1	3.002734106	0.008831135	340.0167872	0	2.985405291	3.020062921	2.985405291	3.020062921

