

Length-weight relationship of *Rutilus rutilus* from Slovenia, sampled from 20.4.2010 to 10.9.2014 (n = 3509, length range from 2.0 cm to 33.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **11.11.2014**
 Country: **SVN**
 Species: ***Rutilus rutilus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.4.2010**
 Sampled to: **10.9.2014**
 n: **3509**
 L min: **2.0 cm**
 L max: **33.5 cm**
 Data transformation: **natural logarithm**
 a: **0.006685885**
 b: **3.200040184**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6353
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2652) 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	0.995590273
R Square	0.991199992
Adjusted R Square	0.991197483
Standard Error	0.161942366
Observations	3509

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	10359.40847	10359.40847	395015.3748	0
Residual	3507	91.97223152	0.02622533		
Total	3508	10451.3807			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.007756664	0.012132709	-412.748432	0	-5.031544546	-4.983968782	-5.031544546	-4.983968782
X Variable 1	3.200040184	0.005091531	628.5024859	0	3.190057521	3.210022847	3.190057521	3.210022847

