

Length-weight relationship of *Rutilus virgo* from Slovenia, sampled from 12.9.2011 to 29.7.2014 (n = 175, length range from 4.9 cm to 42.4 cm, specimen condition: fresh)

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

Analysed on: **5.11.2014**

Country: **SVN**

Species: ***Rutilus virgo***

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

Season: **combined**

Sex: **mixed**

Specimen condition: **fresh**

Sampled from: **12.9.2011**

Sampled to: **29.7.2014**

n: **175**

L min: **4.9 cm**

L max: **42.4 cm**

Data transformation: **natural logarithm**

a: **0.007064985**

b: **3.117068834**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6340
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=6592) AND ((public_vt_specimen.specimen_condition_id)=3) 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	0.996202791
R Square	0.992420001
Adjusted R Square	0.992376186
Standard Error	0.097163236
Observations	175

ANOVA

	df	SS	MS	F	Significance F
Regression	1	213.8338097	213.8338097	22650.22061	2.373E-185
Residual	173	1.633240122	0.009440694		
Total	174	215.4670498			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.952604444	0.056108372	-88.2685469	8.483E-146	-5.063349537	-4.84185935	-5.063349537	-4.84185935
X Variable 1	3.117068834	0.020711434	150.4999024	2.373E-185	3.076189199	3.157948468	3.076189199	3.157948468

