

Length-weight relationship of *Tinca tinca* from Slovenia, sampled from 17.5.2011 to 19.3.2014 (n = 99, length range from 5.2 cm to 47.3 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **10.2.2015**
 Country: **SVN**
 Species: ***Tinca tinca***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **17.5.2011**
 Sampled to: **19.3.2014**
 n: **99**
 L min: **5.2 cm**
 L max: **47.3 cm**
 Data transformation: **natural logarithm**
 a: **0.019222691**
 b: **2.894352854**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6395
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=3563) 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	0.992796825
R Square	0.985645536
Adjusted R Square	0.985497552
Standard Error	0.152252651
Observations	99

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	154.3957146	154.3957146	6660.47981	3.34487E-91
Residual	97	2.24854436	0.02318087		
Total	98	156.6442589			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.951663889	0.103537287	-38.1665774	3.15088E-60	-4.157156739	-3.746171039	-4.157156739	-3.746171039
X Variable 1	2.894352854	0.035464898	81.6117627	3.34487E-91	2.82396485	2.964740858	2.82396485	2.964740858

