

## Length-weight relationship of *Platichthys flesus* from Slovenia, sampled from 20.12.1995 to 20.1.2016 (n = 356, length range from 12.5 cm to 36.1 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **13.5.2016**  
 Country: **SVN**  
 Species: ***Platichthys flesus***  
 Length type: **TLmax (biometry\_id = 78)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **20.12.1995**  
 Sampled to: **20.1.2016**  
 n: **356**  
 L min: **12.5 cm**  
 L max: **36.1 cm**  
 Data transformation: **natural logarithm**  
 a: **0.002613759**  
 b: **3.423231052**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6459</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=788) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm1_mm)/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND (((specimen_mass_g)/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

### SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.98415414
R Square	0.96855937
Adjusted R Square	0.968470555
Standard Error	0.141970601
Observations	356

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	219.8037591	219.8037591	10905.31647	4.8975E-268
Residual	354	7.135100655	0.020155652		
Total	355	226.9388598			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.946965699	0.097115968	-61.2357146	1.9319E-190	-6.137962491	-5.755968907	-6.137962491	-5.755968907
X Variable 1	3.423231052	0.032780613	104.4285233	4.8975E-268	3.358761819	3.487700286	3.358761819	3.487700286

