

## Length-weight relationship of *Platichthys flesus* from the Gulf of Trieste, sampled from 2.2.2000 to 27.12.2012 (n = 153, length range from 12.5 cm to 36.1 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **5.11.2013**  
 Country: **SVN**  
 Species: ***Platichthys flesus***  
 Length type: **TLmax**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **fresh**  
 Sampled from: **2.2.2000**  
 Sampled to: **27.12.2012**  
 n: **153**  
 L min: **12.5 cm**  
 L max: **36.1 cm**  
 Data transformation: **natural logarithm**  
 a: **0.001911206**  
 b: **3.51810064**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	<b>6054</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=788) 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 (((bm1_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	0.98724262
R Square	0.974647991
Adjusted R Square	0.974480097
Standard Error	0.141845423
Observations	153

### ANOVA

	df	SS	MS	F	Significance F
Regression	1	116.8000464	116.8000464	5805.135531	2.0901E-122
Residual	151	3.038138714	0.020120124		
Total	152	119.8381851			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-6.260020572	0.139989843	-44.7176769	5.37967E-89	-6.536612349	-5.983428796	-6.536612349	-5.983428796
X Variable 1	3.51810064	0.046174487	76.19144001	2.0901E-122	3.42686914	3.609332139	3.42686914	3.609332139

