

# Length-weight relationship of *Trigloporus lastoviza* from the Gulf of Trieste, sampled from 27.8.1999 to 30.8.2011 (n = 94, length range from 9.6 cm to 25.7 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **5.11.2013**  
 Country: **SVN**  
 Species: ***Trigloporus lastoviza***  
 Length type: **TLmax**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **defrosted**  
 Sampled from: **27.8.1999**  
 Sampled to: **30.8.2011**  
 n: **94**  
 L min: **9.6 cm**  
 L max: **25.7 cm**  
 Data transformation: **natural logarithm**  
 a: **0.011967065**  
 b: **3.017480115**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	<b>6064</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1090) AND ((public_vt_specimen.specimen_condition_id)=2) 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	0.991971829
R Square	0.984008109
Adjusted R Square	0.983834284
Standard Error	0.080434214
Observations	94

## ANOVA

	df	SS	MS	F	Significance F
Regression	1	36.624216	36.624216	5660.915715	2.00301E-84
Residual	92	0.595208981	0.006469663		
Total	93	37.21942498			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.425596945	0.108642423	-40.7354404	1.1725E-60	-4.64137017	-4.20982372	-4.64137017	-4.20982372
X Variable 1	3.017480115	0.040105236	75.23905711	2.00301E-84	2.937827657	3.097132573	2.937827657	3.097132573

