

# Length-weight relationship of *Lesueurigobius friesii* from the Gulf of Trieste, sampled from 15.10.1999 to 21.3.2013 (n = 182, length range from 4.2 cm to 9.3 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **5.11.2013**  
 Country: **SVN**  
 Species: ***Lesueurigobius friesii***  
 Length type: **TLmax**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **defrosted**  
 Sampled from: **15.10.1999**  
 Sampled to: **21.3.2013**  
 n: **182**  
 L min: **4.2 cm**  
 L max: **9.3 cm**  
 Data transformation: **natural logarithm**  
 a: **0.010717701**  
 b: **2.890705347**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	<b>6045</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=445) 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	0.979255136
R Square	0.958940621
Adjusted R Square	0.958712514
Standard Error	0.102338029
Observations	182

## ANOVA

	df	SS	MS	F	Significance F
Regression	1	44.0276947	44.0276947	4203.894867	9.7682E-127
Residual	180	1.885153006	0.010473072		
Total	181	45.91284771			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.535858587	0.088674898	-51.1515513	3.6935E-109	-4.710834625	-4.360882549	-4.710834625	-4.360882549
X Variable 1	2.890705347	0.044583884	64.83744957	9.7682E-127	2.802731054	2.97867964	2.802731054	2.97867964

