

## Length-weight relationship of *Lesueurigobius friesii* from the Gulf of Trieste, sampled from 4.3.2004 to 3.9.2008 (n = 30, length range from 6.9 cm to 8.9 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: **fresh**  
 Sampled from: **4.3.2004**  
 Sampled to: **3.9.2008**  
 n: **30**  
 L min: **6.9 cm**  
 L max: **8.9 cm**  
 Data transformation: **natural logarithm**  
 a: **0.062083008**  
 b: **1.984502827**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	<b>6046</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=445) 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

<i>Regression Statistics</i>	
Multiple R	0.795150479
R Square	0.632264285
Adjusted R Square	0.619130867
Standard Error	0.083232009
Observations	30

### ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0.333504441	0.333504441	48.14163884	1.52569E-07
Residual	28	0.193971883	0.006927567		
Total	29	0.527476325			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	-2.779282956	0.597041321	-4.65509314	7.11853E-05	-4.002266646	-1.556299266	-4.002266646	-1.556299266
X Variable 1	1.984502827	0.286016631	6.938417603	1.52569E-07	1.398624326	2.570381329	1.398624326	2.570381329

