

Length-weight relationship of *Liza ramada* from the Gulf of Trieste, sampled from 27.8.1999 to 17.12.2012 (n = 37, length range from 24.5 cm to 62.8 cm)

Author: **Bojan Marčeta**
Data source: **BIOS, Fisheries Research Institute of Slovenia**
Analysed on: **5.11.2013**
Country: **SVN**
Species: ***Liza ramada***
Length type: **TLmax**
Season: **combined**
Sex: **mixed**
Specimen condition: **fresh**
Sampled from: **27.8.1999**
Sampled to: **17.12.2012**
n: **37**
L min: **24.5 cm**
L max: **62.8 cm**
Data transformation: **natural logarithm**
a: **0.006169147**
b: **3.087371455**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6047
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=579) 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	0.984360406
R Square	0.968965409
Adjusted R Square	0.968078707
Standard Error	0.111060069
Observations	37

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	13.47864308	13.47864308	1092.773854	5.50276E-28
Residual	35	0.431701862	0.012334339		
Total	36	13.91034494			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.088194629	0.332252446	-15.3142428	4.37474E-17	-5.76270295	-4.413686309	-5.76270295	-4.413686309
X Variable 1	3.087371455	0.093395024	33.05713016	5.50276E-28	2.897769478	3.276973432	2.897769478	3.276973432

