

Length-weight relationship of *Callionymus risso* from the Gulf of Trieste, sampled from 27.8.1999 to 21.3.2013 (n = 61, length range from 4.5 cm to 7.7 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Callionymus risso***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **defrosted**
 Sampled from: **27.8.1999**
 Sampled to: **21.3.2013**
 n: **61**
 L min: **4.5 cm**
 L max: **7.7 cm**
 Data transformation: **natural logarithm**
 a: **0.025386102**
 b: **2.290440591**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6035
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=70) 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	0.931618472
R Square	0.867912977
Adjusted R Square	0.865674214
Standard Error	0.127044842
Observations	61

ANOVA

	df	SS	MS	F	Significance F
Regression	1	6.257229933	6.257229933	387.6752198	1.28746E-27
Residual	59	0.952283115	0.016140392		
Total	60	7.209513048			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.673553424	0.203691869	-18.0348555	1.10513E-25	-4.081139908	-3.265966939	-4.081139908	-3.265966939
X Variable 1	2.290440591	0.116328201	19.68946977	1.28746E-27	2.057668401	2.523212781	2.057668401	2.523212781

