

Length-weight relationship of *Eledone moschata* from the Gulf of Trieste, sampled from 22.6.1998 to 21.6.2011 (n = 77, length range from 13.2 cm to 41.0 cm)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Eledone moschata***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **22.6.1998**
 Sampled to: **21.6.2011**
 n: **77**
 L min: **13.2 cm**
 L max: **41.0 cm**
 Data transformation: **natural logarithm**
 a: **0.023658795**
 b: **2.546857087**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6040
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=370) 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	0.956224519
R Square	0.914365331
Adjusted R Square	0.913223536
Standard Error	0.127162876
Observations	77

ANOVA

	df	SS	MS	F	Significance F
Regression	1	12.94947237	12.94947237	800.8135122	9.04141E-42
Residual	75	1.21277977	0.016170397		
Total	76	14.16225214			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.744020373	0.305139149	-12.2698788	1.30669E-19	-4.35188872	-3.136152026	-4.35188872	-3.136152026
X Variable 1	2.546857087	0.089999248	28.29864859	9.04141E-42	2.367569395	2.72614478	2.367569395	2.72614478

