

Length-weight relationship of *Eledone moschata* from the Gulf of Trieste, sampled from 16.1.1997 to 11.8.1998 (n = 172, length range from 16.3 cm to 52.0 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: **defrosted**
 Sampled from: **16.1.1997**
 Sampled to: **11.8.1998**
 n: **172**
 L min: **16.3 cm**
 L max: **52.0 cm**
 Data transformation: **natural logarithm**
 a: **0.02471151**
 b: **2.486765091**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6039
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=370) 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	0.900227499
R Square	0.810409551
Adjusted R Square	0.809294313
Standard Error	0.190582591
Observations	172

ANOVA

	df	SS	MS	F	Significance F
Regression	1	26.39389421	26.39389421	726.6696405	2.78955E-63
Residual	170	6.1746931	0.036321724		
Total	171	32.56858731			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.700486171	0.315791548	-11.7181292	1.26337E-23	-4.323863951	-3.077108392	-4.323863951	-3.077108392
X Variable 1	2.486765091	0.092249974	26.95681065	2.78955E-63	2.304662104	2.668868078	2.304662104	2.668868078

