

Length-weight relationship of *Dicentrarchus labrax* from the Gulf of Trieste, sampled from 15.10.1999 to 27.12.2012 (n = 146, length range from 14.6 cm to 84.2 cm)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Dicentrarchus labrax***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **15.10.1999**
 Sampled to: **27.12.2012**
 n: **146**
 L min: **14.6 cm**
 L max: **84.2 cm**
 Data transformation: **natural logarithm**
 a: **0.009848236**
 b: **3.018720133**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6038
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=336) 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	0.985048693
R Square	0.970320927
Adjusted R Square	0.970114822
Standard Error	0.123640981
Observations	146

ANOVA

	df	SS	MS	F	Significance F
Regression	1	71.97015554	71.97015554	4707.903529	6.9965E-112
Residual	144	2.201341284	0.015287092		
Total	145	74.17149682			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.620462914	0.155346758	-29.7428988	2.36267E-63	-4.927517438	-4.31340839	-4.927517438	-4.31340839
X Variable 1	3.018720133	0.043995583	68.6141642	6.9965E-112	2.931759562	3.105680703	2.931759562	3.105680703

