

Length-weight relationship of *Solea solea* from the Gulf of Trieste, sampled from 11.5.1998 to 21.11.2012 (n = 59, length range from 5.4 cm to 36.2 cm)

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Data source: **BIOS, Fisheries Research Institute of Slovenia**

Analysed on: **5.11.2013**

Country: **SVN**

Species: ***Solea solea***

Length type: **TLmax**

Season: **combined**

Sex: **mixed**

Specimen condition: **fresh**

Sampled from: **11.5.1998**

Sampled to: **21.11.2012**

n: **59**

L min: **5.4 cm**

L max: **36.2 cm**

Data transformation: **natural logarithm**

a: **0.009219595**

b: **3.012971595**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6057
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=974) 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	0.997047816
R Square	0.994104348
Adjusted R Square	0.994000915
Standard Error	0.132459497
Observations	59

ANOVA

	df	SS	MS	F	Significance F
Regression	1	168.6324626	168.6324626	9611.141677	3.04436E-65
Residual	57	1.000094546	0.017545518		
Total	58	169.6325571			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.686424219	0.096125164	-48.7533549	3.63016E-48	-4.878911538	-4.493936901	-4.878911538	-4.493936901
X Variable 1	3.012971595	0.030733183	98.03643036	3.04436E-65	2.951429457	3.074513733	2.951429457	3.074513733

