

Length-weight relationship of *Symphodus cinereus* from the Gulf of Trieste, sampled from 20.2.2003 to 19.3.2013 (n = 31, length range from 5.1 cm to 9.8 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Symphodus cinereus***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **20.2.2003**
 Sampled to: **19.3.2013**
 n: **31**
 L min: **5.1 cm**
 L max: **9.8 cm**
 Data transformation: **natural logarithm**
 a: **0.012336512**
 b: **3.06139603**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6060
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1031) 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	0.946662884
R Square	0.896170615
Adjusted R Square	0.892590291
Standard Error	0.16935867
Observations	31

ANOVA

	df	SS	MS	F	Significance F
Regression	1	7.179319571	7.179319571	250.304361	8.43019E-16
Residual	29	0.831788414	0.028682359		
Total	30	8.011107986			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.395191983	0.380052329	-11.5647021	2.21124E-12	-5.17248626	-3.617897706	-5.17248626	-3.617897706
X Variable 1	3.06139603	0.193501932	15.82101011	8.43019E-16	2.665640148	3.457151912	2.665640148	3.457151912

