

**Length-weight relationship of *Solea solea* from Slovenia, sampled from 20.12.1995 to 6.7.2017 (n = 108, length range from 13.2 cm to 40.5 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **26.7.2017**  
 Country: **SVN**  
 Species: ***Solea solea***  
 Length type: **TLmax (biometry\_id = 78)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **20.12.1995**  
 Sampled to: **6.7.2017**  
 n: **108**  
 L min: **13.2 cm**  
 L max: **40.5 cm**  
 Data transformation: **natural logarithm**  
 a: **0.002291971**  
 b: **3.424150349**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6514</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=974) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm1_mm)/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND (((specimen_mass_g)/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.981966387
R Square	0.964257985
Adjusted R Square	0.963920796
Standard Error	0.113574872
Observations	108

ANOVA

	df	SS	MS	F	Significance F
Regression	1	36.88795569	36.88795569	2859.697366	1.63873E-78
Residual	106	1.367320665	0.012899252		
Total	107	38.25527636			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-6.078343288	0.214158765	-28.3824167	2.43855E-51	-6.502933856	-5.65375272	-6.502933856	-5.65375272
X Variable 1	3.424150349	0.064031369	53.47613829	1.63873E-78	3.297201936	3.551098762	3.297201936	3.551098762

