

Length-weight relationship of *Diplodus annularis* from Slovenia, sampled from 25.7.1995 to 6.8.2014 (n = 2625, length range from 5.6 cm to 24.1 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Diplodus annularis***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **25.7.1995**
 Sampled to: **6.8.2014**
 n: **2625**
 L min: **5.6 cm**
 L max: **24.1 cm**
 Data transformation: **natural logarithm**
 a: **0.013268351**
 b: **3.089823641**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6373
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=348) 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 ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.983590556
R Square	0.967450382
Adjusted R Square	0.967437973
Standard Error	0.105062808
Observations	2625

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	860.5559351	860.5559351	77961.66292	0
Residual	2623	28.95318203	0.011038194		
Total	2624	889.5091171			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.322373711	0.028762072	-150.28033	0	-4.37877236	-4.265975062	-4.37877236	-4.265975062
X Variable 1	3.089823641	0.011066063	279.2161581	0	3.068124543	3.111522738	3.068124543	3.111522738

