

Length-weight relationship of Zeus faber from Slovenia, sampled from 24.4.1995 to 13.1.2016 (n = 217, length range from 5.1 cm to 36.0 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: **Zeus faber**
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **24.4.1995**
 Sampled to: **13.1.2016**
 n: **217**
 L min: **5.1 cm**
 L max: **36.0 cm**
 Data transformation: **natural logarithm**
 a: **0.026694178**
 b: **2.835885151**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6452
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1125) 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	0.99626724
R Square	0.992548413
Adjusted R Square	0.992513754
Standard Error	0.100104218
Observations	217

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	286.9763541	286.9763541	28637.91238	1.0083E-230
Residual	215	2.154483724	0.010020855		
Total	216	289.1308378			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3.623309774	0.045556564	-79.5343072	1.9948E-161	-3.713104453	-3.533515094	-3.713104453	-3.533515094
X Variable 1	2.835885151	0.016757837	169.2273984	1.0083E-230	2.802854464	2.868915837	2.802854464	2.868915837

