

**Length-weight relationship of *Gobius niger* from Slovenia, sampled from 24.4.1995 to 10.6.2014 (n = 1364, length range from 4.5 cm to 14.8 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **7.1.2015**  
 Country: **SVN**  
 Species: ***Gobius niger***  
 Length type: **TLmax (biometry\_id = 78)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **24.4.1995**  
 Sampled to: **10.6.2014**  
 n: **1364**  
 L min: **4.5 cm**  
 L max: **14.8 cm**  
 Data transformation: **natural logarithm**  
 a: **0.010028915**  
 b: **3.048625718**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6380</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=452) 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	0.978191524
R Square	0.956858657
Adjusted R Square	0.956826982
Standard Error	0.160296492
Observations	1364

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	776.21008	776.21008	30208.64466	0
Residual	1362	34.99654291	0.025694965		
Total	1363	811.2066229			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.602282868	0.039463253	-116.621985	0	-4.679698216	-4.524867521	-4.679698216	-4.524867521
X Variable 1	3.048625718	0.017540359	173.8063424	0	3.014216668	3.083034767	3.014216668	3.083034767

