

Length-weight relationship of *Penaeus kerathurus* from Slovenia, sampled from 3.1.2002 to 12.12.2014 (n = 55, length range from 11.5 cm to 22.1 cm, specimen condition: fresh)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Penaeus kerathurus***
 Length type: **TL (biometry_id = 86)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **3.1.2002**
 Sampled to: **12.12.2014**
 n: **55**
 L min: **11.5 cm**
 L max: **22.1 cm**
 Data transformation: **natural logarithm**
 a: **0.006211529**
 b: **3.068489732**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6382
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=763) 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 (-1,1,2,74)) AND (((bm2_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	0.984391162
R Square	0.969025961
Adjusted R Square	0.968441545
Standard Error	0.095972785
Observations	55

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	15.2724824	15.2724824	1658.110366	1.13704E-41
Residual	53	0.488171104	0.009210776		
Total	54	15.76065351			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.081348217	0.209150072	-24.2952258	2.12237E-30	-5.500850127	-4.661846307	-5.500850127	-4.661846307
X Variable 1	3.068489732	0.075356021	40.71990135	1.13704E-41	2.917344698	3.219634765	2.917344698	3.219634765

