

**Length-weight relationship of *Sepia officinalis* from Slovenia, sampled from 22.11.1995 to 10.6.2014 (n = 1036, length range from 1.9 cm to 15.5 cm, specimen condition: mixed)**

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **7.1.2015**  
 Country: **SVN**  
 Species: ***Sepia officinalis***  
 Length type: **ML (biometry\_id = 184)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **22.11.1995**  
 Sampled to: **10.6.2014**  
 n: **1036**  
 L min: **1.9 cm**  
 L max: **15.5 cm**  
 Data transformation: **natural logarithm**  
 a: **0.218204463**  
 b: **2.757170053**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6383</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=947) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (-1,1,2,74)) AND (((bm4_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	0.982924898
R Square	0.966141355
Adjusted R Square	0.966108609
Standard Error	0.136904006
Observations	1036

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	552.9984893	552.9984893	29504.72905	0
Residual	1034	19.37995895	0.018742707		
Total	1035	572.3784483			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-1.52232275	0.030795937	-49.4325848	1.3735E-274	-1.582752411	-1.46189309	-1.582752411	-1.46189309
X Variable 1	2.757170053	0.016051578	171.7694066	0	2.72567267	2.788667436	2.72567267	2.788667436

