

Length-weight relationship of *Alosa fallax* from Slovenia, sampled from 27.11.2006 to 27.8.2014 (n = 27, length range from 19.3 cm to 46.1 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **7.1.2015**
 Country: **SVN**
 Species: ***Alosa fallax***
 Length type: **TLmax (biometry_id = 78)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **27.11.2006**
 Sampled to: **27.8.2014**
 n: **27**
 L min: **19.3 cm**
 L max: **46.1 cm**
 Data transformation: **natural logarithm**
 a: **0.003774756**
 b: **3.234609196**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6374
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=125) 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	0.957722248
R Square	0.917231905
Adjusted R Square	0.913921181
Standard Error	0.21123282
Observations	27

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	12.36172258	12.36172258	277.048753	4.88917E-15
Residual	25	1.115482604	0.044619304		
Total	26	13.47720518			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.579419631	0.649996971	-8.58376251	6.35464E-09	-6.91811344	-4.240725822	-6.91811344	-4.240725822
X Variable 1	3.234609196	0.19433173	16.64478155	4.88917E-15	2.834375509	3.634842882	2.834375509	3.634842882

