

Length-weight relationship of *Chondrostoma nasus* from Slovenia, sampled from 13.9.2011 to 29.7.2014 (n = 103, length range from 7.8 cm to 52.0 cm, specimen condition: fresh)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2014**
 Country: **SVN**
 Species: ***Chondrostoma nasus***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **13.9.2011**
 Sampled to: **29.7.2014**
 n: **103**
 L min: **7.8 cm**
 L max: **52.0 cm**
 Data transformation: **natural logarithm**
 a: **0.004509647**
 b: **3.245128757**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6342
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5438) 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 (1,2)) 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	0.996690578
R Square	0.993392108
Adjusted R Square	0.993326683
Standard Error	0.098059242
Observations	103

ANOVA

	df	SS	MS	F	Significance F
Regression	1	146.0011254	146.0011254	15183.75324	6.5057E-112
Residual	101	0.971177115	0.009615615		
Total	102	146.9723026			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.401536347	0.079948053	-67.5630754	6.93376E-86	-5.560131775	-5.24294092	-5.560131775	-5.24294092
X Variable 1	3.245128757	0.026335548	123.2223731	6.5057E-112	3.192886115	3.297371399	3.192886115	3.297371399

