

Length-weight relationship of *Carassius gibelio* from Slovenia, sampled from 20.4.2010 to 23.9.2015 (n = 301, length range from 4.1 cm to 45.5 cm, specimen condition: mixed)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **13.5.2016**
 Country: **SVN**
 Species: ***Carassius gibelio***
 Length type: **TL (biometry_id = 76)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **20.4.2010**
 Sampled to: **23.9.2015**
 n: **301**
 L min: **4.1 cm**
 L max: **45.5 cm**
 Data transformation: **natural logarithm**
 a: **0.010639862**
 b: **3.19098444**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	6446
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=2659) 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 (((specimen_mass_g)/10)>=[accuracy]) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.99752779
R Square	0.995061692
Adjusted R Square	0.995045176
Standard Error	0.146364904
Observations	301

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	1290.675029	1290.675029	60248.05121	0
Residual	299	6.405382846	0.021422685		
Total	300	1297.080412			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.54314774	0.03271516	-138.869799	1.3843E-273	-4.607528873	-4.478766607	-4.607528873	-4.478766607
X Variable 1	3.19098444	0.013000294	245.4547844	0	3.165400776	3.216568104	3.165400776	3.216568104

