

**Length-weight relationship of *Hucho hucho* from Slovenia, sampled from 18.6.2008 to 8.10.2014 (n = 1416, length range from 5.7 cm to 108.3 cm, specimen condition: mixed)**

Author: **Bojan Marčeta**  
 Data source: **BIOS, Fisheries Research Institute of Slovenia**  
 Analysed on: **10.2.2015**  
 Country: **SVN**  
 Species: ***Hucho hucho***  
 Length type: **TL (biometry\_id = 76)**  
 Season: **combined**  
 Sex: **mixed**  
 Specimen condition: **mixed**  
 Sampled from: **18.6.2008**  
 Sampled to: **8.10.2014**  
 n: **1416**  
 L min: **5.7 cm**  
 L max: **108.3 cm**  
 Data transformation: **natural logarithm**  
 a: **0.006777893**  
 b: **3.073898119**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method	<b>6391</b>
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=5574) 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	0.991599736
R Square	0.983270036
Adjusted R Square	0.983258205
Standard Error	0.105953645
Observations	1416

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	932.9513977	932.9513977	83105.01252	0
Residual	1414	15.87381117	0.011226175		
Total	1415	948.8252089			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.994089037	0.038261969	-130.523575	0	-5.069145364	-4.919032711	-5.069145364	-4.919032711
X Variable 1	3.073898119	0.010662913	288.2794001	0	3.05298129	3.094814948	3.05298129	3.094814948

