

Length-weight relationship of *Gambusia holbrooki* from the Gulf of Trieste, sampled from 25.5.1996 to 1.6.1996 (n = 68, length range from 2.0 cm to 3.8 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Gambusia holbrooki***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **from alcohol**
 Sampled from: **25.5.1996**
 Sampled to: **1.6.1996**
 n: **68**
 L min: **2.0 cm**
 L max: **3.8 cm**
 Data transformation: **natural logarithm**
 a: **0.007952728**
 b: **3.360235363**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6041
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=422) AND ((public_vt_specimen.specimen_condition_id)=1) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) 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	0.963051589
R Square	0.927468363
Adjusted R Square	0.926369399
Standard Error	0.120047899
Observations	68

ANOVA

	df	SS	MS	F	Significance F
Regression	1	12.16255144	12.16255144	843.9477504	2.53386E-39
Residual	66	0.951158878	0.014411498		
Total	67	13.11371032			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.834240266	0.113723344	-42.508777	1.12024E-49	-5.061296246	-4.607184286	-5.061296246	-4.607184286
X Variable 1	3.360235363	0.115667652	29.05077883	2.53386E-39	3.129297448	3.591173278	3.129297448	3.591173278

