

Length-weight relationship of *Mustelus punctulatus* from Slovenia, sampled from 25.7.1995 to 21.6.2019 (n = 110, length range from 27.8 cm to 118.0 cm, specimen condition: mixed)

Author: **Bojan Marčeta**
 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **28.08.2019**
 Country: **SVN**
 Species: ***Mustelus punctulatus***
 Length type: **TLmax (biometry_id = 75)**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **mixed**
 Sampled from: **25.07.1995**
 Sampled to: **21.06.2019**
 n: **110**
 L min: **27.8 cm**
 L max: **118.0 cm**
 Data transformation: **natural logarithm**
 a: **0.001562607**
 b: **3.156586587**

| DATA ANALYSIS | Ref# |
|--|-------------|
| Linear regression analysis by using the "least squares" method | 6556 |
| SELECT CONDITIONS | NOTES |
| | |

SUMMARY OUTPUT

| Regression Statistics | |
|-----------------------|-------------|
| Multiple R | 0.995519096 |
| R Square | 0.991058271 |
| Adjusted R Square | 0.990975477 |
| Standard Error | 0.096515508 |
| Observations | 110 |

ANOVA

| | df | SS | MS | F | Significance F |
|------------|-----|-------------|-------------|------------|----------------|
| Regression | 1 | 111.5053328 | 111.5053328 | 11970.2009 | 1.8319E-112 |
| Residual | 108 | 1.006046268 | 0.009315243 | | |
| Total | 109 | 112.5113791 | | | |

| | Coefficients | Standard Error | t Stat | P-value | Lower 95% | Upper 95% | Lower 95.0% | Upper 95.0% |
|--------------|--------------|----------------|-------------|-------------|--------------|--------------|--------------|--------------|
| Intercept | -6.461399467 | 0.111569559 | -57.9136415 | 3.7348E-83 | -6.682549689 | -6.240249245 | -6.682549689 | -6.240249245 |
| X Variable 1 | 3.156586587 | 0.028851406 | 109.4084133 | 1.8319E-112 | 3.099398095 | 3.21377508 | 3.099398095 | 3.21377508 |

