

Length-weight relationship of *Trisopterus minutus*
 from Slovenia, sampled from 03.08.1995 to 12.08.2003
 (n = 226, length range from 5.55 cm to 18.70 cm,
 specimen condition: mixed)

- Authors: Bojan Marčeta, Žiga Sanda
- Data source: BIOS, Fisheries Research Institute of Slovenia
- Analysed on: 18.01.2021
- Country: SVN
- Species: *Trisopterus minutus*
- Length type: SL (biometry_id = 74)
- Season: combined
- Sex: mixed
- Specimen condition: mixed
- Sampled from: 03.08.1995
- Sampled to: 12.08.2003
- n: 226
- L min [cm]: 5.55
- L max [cm]: 18.70
- W min [g]: 2.11
- W max [g]: 108.00
- Data transformation: natural logarithm
- a: 0.0112577
- b: 3.1034374

Statistics - summary

Linear model:

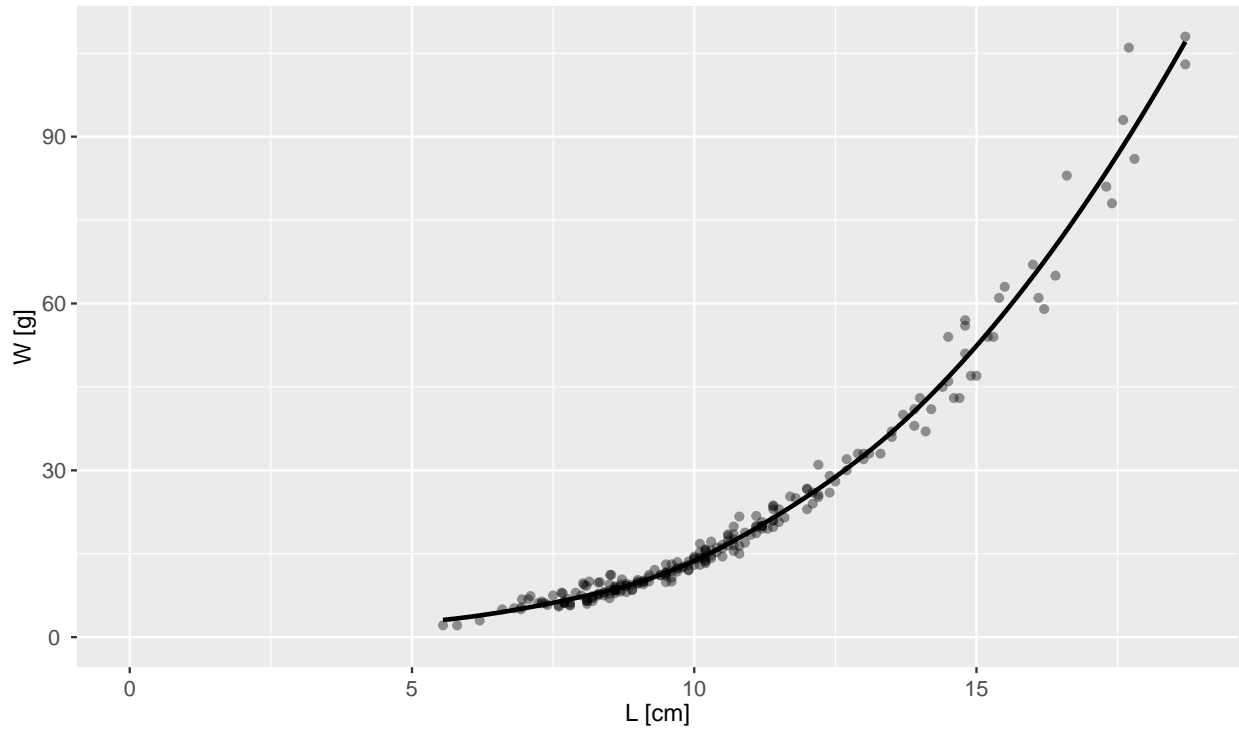
```
##
## Call:
## lm(formula = ln_w_y ~ ln_l_x, data = data_clean)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.2299 -0.0674 -0.0225  0.0485  0.4052
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.4867     0.0730   -61.5   <2e-16 ***
## ln_l_x         3.1034     0.0313    99.0   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.112 on 224 degrees of freedom
## Multiple R-squared:  0.978, Adjusted R-squared:  0.978
## F-statistic: 9.81e+03 on 1 and 224 DF, p-value: <2e-16
```

ANOVA:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
ln_l_x	1	122.711536	122.71153557	9808.611	6.318348e-187
Residuals	224	2.802373	0.01251059	NA	NA

Visualization

Trisopterus minutus



Trisopterus minutus

