

Length-weight relationship of *Trachinus draco*
 from Slovenia, sampled from 12.10.1995 to 03.11.2020
 (n = 241, length range from 14.90 cm to 35.00 cm,
 specimen condition: mixed)

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- Data source: BIOS, Fisheries Research Institute of Slovenia
- Analysed on: 18.01.2021
- Country: SVN
- Species: *Trachinus draco*
- Length type: TLmax (biometry_id = 78)
- Season: combined
- Sex: mixed
- Specimen condition: mixed
- Sampled from: 12.10.1995
- Sampled to: 03.11.2020
- n: 241
- L min [cm]: 14.90
- L max [cm]: 35.00
- W min [g]: 23.00
- W max [g]: 396.80
- Data transformation: natural logarithm
- a: 0.0044786
- b: 3.1563306

Statistics - summary

Linear model:

```
##
## Call:
## lm(formula = ln_w_y ~ ln_l_x, data = data_clean)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.3256 -0.0838 -0.0015  0.0804  0.2860
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -5.4084     0.1318   -41.0   <2e-16 ***
## ln_l_x         3.1563     0.0413    76.4   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.119 on 239 degrees of freedom
## Multiple R-squared:  0.961, Adjusted R-squared:  0.961
## F-statistic: 5.84e+03 on 1 and 239 DF, p-value: <2e-16
```

ANOVA:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
ln_l_x	1	82.474225	82.47422507	5837.185	6.245617e-170
Residuals	239	3.376857	0.01412911	NA	NA

Visualization

