

Length-weight relationship of *Spicara flexuosa*
 from Slovenia, sampled from 24.04.1995 to 16.01.2004
 (n = 1733, length range from 6.30 cm to 18.40 cm,
 specimen condition: mixed)

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- Data source: BIOS, Fisheries Research Institute of Slovenia
- Analysed on: 14.01.2021
- Country: SVN
- Species: *Spicara flexuosa*
- Length type: SL (biometry_id = 74)
- Season: combined
- Sex: mixed
- Specimen condition: mixed
- Sampled from: 24.04.1995
- Sampled to: 16.01.2004
- n: 1733
- L min [cm]: 6.30
- L max [cm]: 18.40
- W min [g]: 5.10
- W max [g]: 141.00
- Data transformation: natural logarithm
- a: 0.0183098
- b: 3.0437435

Statistics - summary

Linear model:

```
##
## Call:
## lm(formula = ln_w_y ~ ln_l_x, data = data_clean)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.4432 -0.0583  0.0020  0.0645  0.2803
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.0003     0.0276   -145 <2e-16 ***
## ln_l_x         3.0437     0.0116    263 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.0941 on 1731 degrees of freedom
## Multiple R-squared:  0.976, Adjusted R-squared:  0.976
## F-statistic: 6.91e+04 on 1 and 1731 DF, p-value: <2e-16
```

ANOVA:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
ln_l_x	1	611.99845	6.119984e+02	69080.95	0
Residuals	1731	15.33519	8.859149e-03	NA	NA

Visualization

