

Length-weight relationship of *Lesueurigobius friesii*
 from Slovenia, sampled from 11.08.1998 to 17.10.2019
 (n = 226, length range from 4.60 cm to 9.30 cm,
 specimen condition: mixed)

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- Data source: BIOS, Fisheries Research Institute of Slovenia
- Analysed on: 10.02.2021
- Country: SVN
- Species: *Lesueurigobius friesii*
- Length type: TLmax (biometry_id = 78)
- Season: combined
- Sex: mixed
- Specimen condition: mixed
- Sampled from: 11.08.1998
- Sampled to: 17.10.2019
- n: 226
- L min [cm]: 4.60
- L max [cm]: 9.30
- W min [g]: 0.93
- W max [g]: 8.00
- Data transformation: natural logarithm
- a: 0.0125694
- b: 2.7995734

Statistics - summary

Linear model:

```
##
## Call:
## lm(formula = ln_w_y ~ ln_l_x, data = data_clean)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.4173 -0.0688  0.0094  0.0682  0.4369
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.3765     0.1059   -41.3   <2e-16 ***
## ln_l_x         2.7996     0.0528    53.1   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.122 on 224 degrees of freedom
## Multiple R-squared:  0.926, Adjusted R-squared:  0.926
## F-statistic: 2.82e+03 on 1 and 224 DF, p-value: <2e-16
```

ANOVA:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
ln_l_x	1	42.164876	42.16487583	2815.115	7.996531e-129
Residuals	224	3.355079	0.01497803	NA	NA

Visualization

