

Length-weight relationship of *Platichthys flesus*
 from Slovenia, sampled from 20.12.1995 to 19.12.2019
 (n = 371, length range from 12.50 cm to 36.10 cm,
 specimen condition: mixed)

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- Data source: BIOS, Fisheries Research Institute of Slovenia
- Analysed on: 13.01.2021
- Country: SVN
- Species: *Platichthys flesus*
- Length type: TLmax (biometry_id = 78)
- Season: combined
- Sex: mixed
- Specimen condition: mixed
- Sampled from: 20.12.1995
- Sampled to: 19.12.2019
- n: 371
- L min [cm]: 12.50
- L max [cm]: 36.10
- W min [g]: 14.30
- W max [g]: 755.80
- Data transformation: natural logarithm
- a: 0.0025086
- b: 3.4392330

Statistics - summary

Linear model:

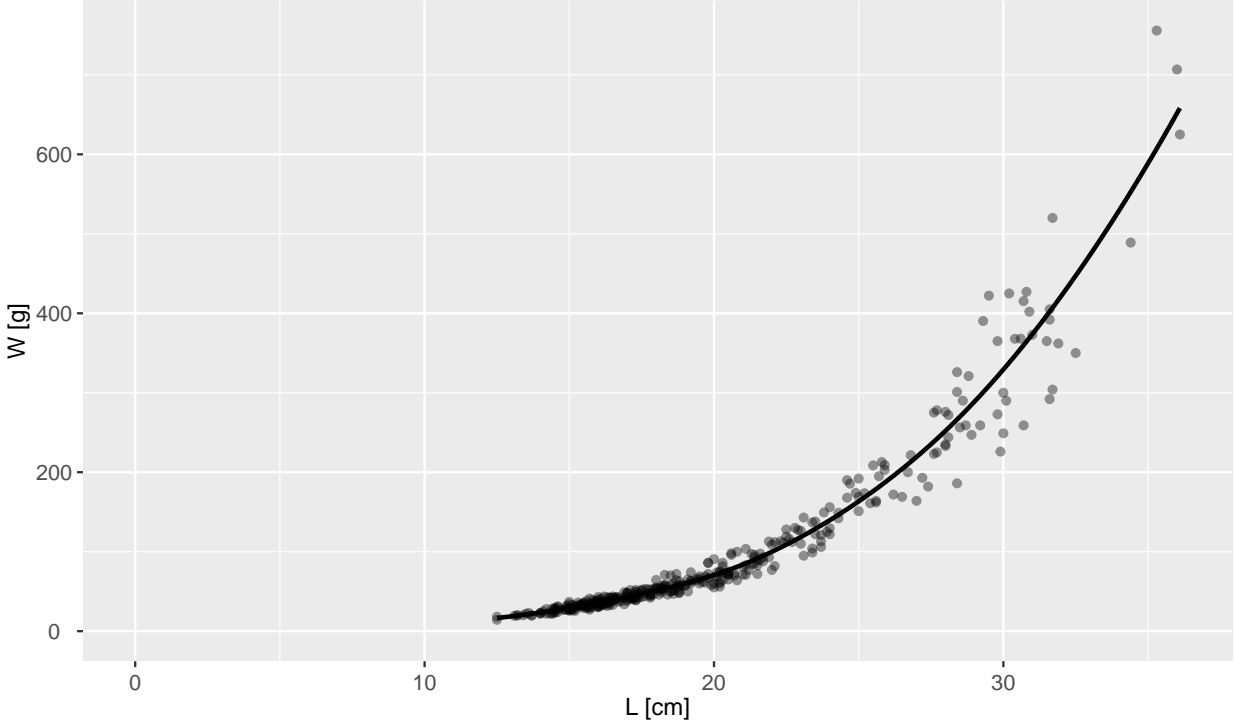
```
##
## Call:
## lm(formula = ln_w_y ~ ln_l_x, data = data_clean)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.3239 -0.0866 -0.0003  0.0948  0.3938
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -5.9880     0.0861   -69.5 <2e-16 ***
## ln_l_x         3.4392     0.0290   118.8 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.131 on 369 degrees of freedom
## Multiple R-squared:  0.975, Adjusted R-squared:  0.974
## F-statistic: 1.41e+04 on 1 and 369 DF, p-value: <2e-16
```

ANOVA:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
ln_l_x	1	240.551256	240.5512565	14104.78	4.099437e-296
Residuals	369	6.293146	0.0170546	NA	NA

Visualization

Platichthys flesus



Platichthys flesus

