

Length-weight relationship of *Hucho hucho*  
from Slovenia, sampled from 18.06.2008 to 28.08.2020  
(n = 1770, length range from 8.20 cm to 121.00 cm,  
specimen condition: mixed)

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- Data source: BIOS, Fisheries Research Institute of Slovenia
- Analysed on: 19.01.2021
- Country: SVN
- Species: *Hucho hucho*
- Length type: TL (biometry\_id = 76)
- Season: combined
- Sex: mixed
- Specimen condition: mixed
- Sampled from: 18.06.2008
- Sampled to: 28.08.2020
- n: 1770
- L min [cm]: 8.20
- L max [cm]: 121.00
- W min [g]: 4.70
- W max [g]: 18900.00
- Data transformation: natural logarithm
- a: 0.0039469
- b: 3.2219317

## Statistics - summary

### Linear model:

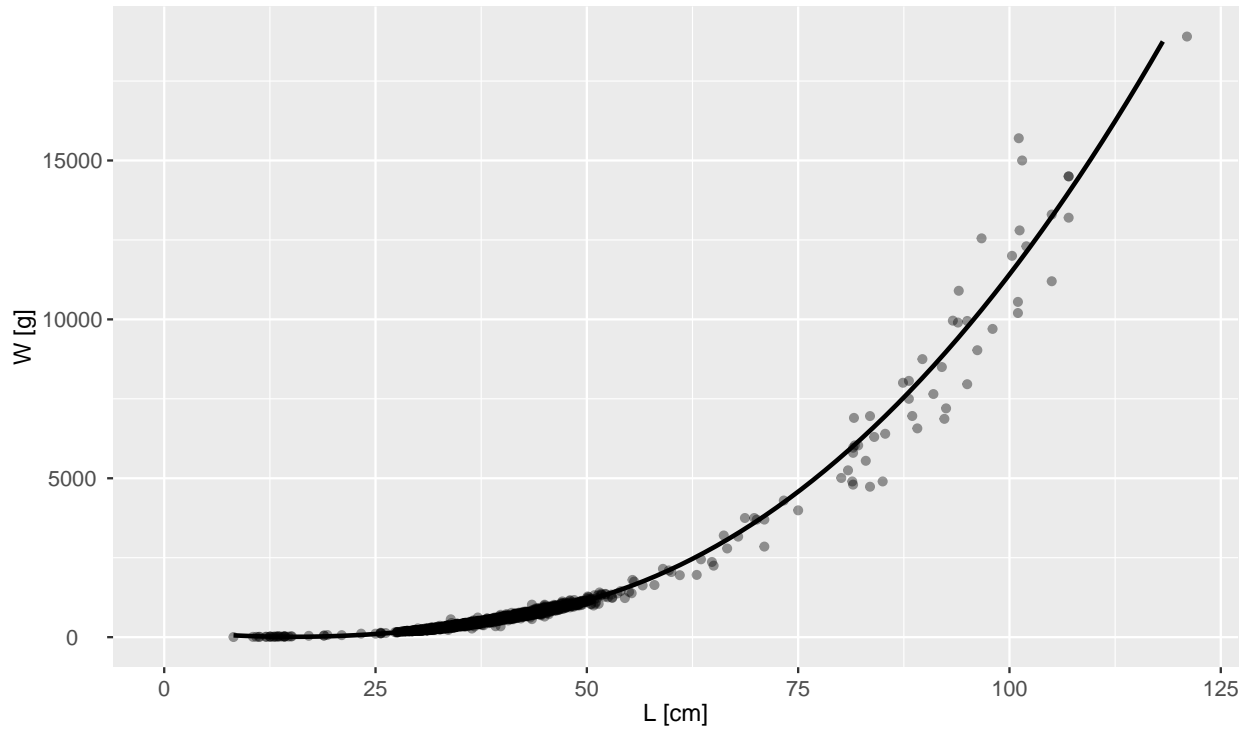
```
##
## Call:
## lm(formula = ln_w_y ~ ln_l_x, data = data_clean)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.4995 -0.0542 -0.0033  0.0575  0.5159
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -5.53483    0.02923   -189 <2e-16 ***
## ln_l_x       3.22193    0.00799    403 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.0848 on 1768 degrees of freedom
## Multiple R-squared:  0.989, Adjusted R-squared:  0.989
## F-statistic: 1.62e+05 on 1 and 1768 DF, p-value: <2e-16
```

### ANOVA:

```
##           Df      Sum Sq      Mean Sq  F value Pr(>F)
## ln_l_x     1 1168.03040 1.168030e+03 162469.1    0
## Residuals 1768  12.71059 7.189247e-03      NA     NA
```

# Visualization

*Hucho hucho*



*Hucho hucho*

