Gleb's Article Template

Gleb Ebert
ETH Zurich
gleb.ebert@env.ethz.ch

This document is only a demo explaining how to use the template.

Demo of some features found in this demo journal template

Shortcode demo

PDF are rendered using LaTeX but it is best if one can use a Markdown syntax for cross format support.

used in source is a shortcode syntax where the shortcode is included in the extension folder `_extensions`

Code chunk

This format hide chunks by default as option has been set in `_extension.yml` file.

But you can set `echo` option to `true` locally in the chunk

```
m_pois <- glm(Days ~ (Eth + Sex + Age + Lrn)^2, data = quine, family = poisson)
summary(m_pois)
```

```
Call:
glm(formula = Days ~ (Eth + Sex + Age + Lrn)^2, family = poisson,
    data = quine)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
-7.6533  -2.7796  -0.5301   1.5749   8.1955

Coefficients: (1 not defined because of singularities)
            Estimate Std. Error z value Pr(>|z|)
(Intercept)  2.93246    0.09826  29.843  < 2e-16 ***
EthN        -0.17399    0.12134  -1.434   0.1516
SexM        -0.71452    0.12229  -5.843 5.14e-09 ***
AgeF1       -0.04270    0.12691  -0.336   0.7365
```

```
AgeF2       -0.08632    0.16164  -0.534   0.5933
AgeF3       -0.15290    0.11898  -1.285   0.1987
LrnSL        0.21608    0.14558   1.484   0.1377
EthN:SexM    0.43902    0.09208   4.768 1.86e-06 ***
EthN:AgeF1  -0.92889    0.14657  -6.337 2.34e-10 ***
EthN:AgeF2  -1.33398    0.13504  -9.879  < 2e-16 ***
EthN:AgeF3  -0.11242    0.13478  -0.834   0.4042
EthN:LrnSL   0.26415    0.11378   2.322   0.0203 *
SexM:AgeF1  -0.05565    0.16303  -0.341   0.7328
SexM:AgeF2   1.09942    0.15281   7.195 6.26e-13 ***
SexM:AgeF3   1.15949    0.13859   8.366  < 2e-16 ***
SexM:LrnSL   0.04143    0.13718   0.302   0.7627
AgeF1:LrnSL -0.13019    0.15688  -0.830   0.4066
AgeF2:LrnSL  0.37340    0.14563   2.564   0.0103 *
AgeF3:LrnSL       NA         NA      NA       NA
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for poisson family taken to be 1)

    Null deviance: 2073.5  on 145  degrees of freedom
Residual deviance: 1368.7  on 128  degrees of freedom
AIC: 1993.1

Number of Fisher Scoring iterations: 5
```

Using references

This is how a reference looks like[1].

Differences between `gat-html` and `gat-pdf`:

- For the HTML format, we are using Pandoc citeproc to include the bibliography. Here `reference-section-title` controls the title for the chapter that will be used.
- For the PDF format, `biblatex` is used by default and the bibliography is included with a title by the LaTeX template.

References

1. R Core Team. *R: A Language and Environment for Statistical Computing*. (R Foundation for Statistical Computing, 2022).