Article

Demo MDPI to use as template

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

1. Introduction

This is a template illustrating the use of the mdpi quarto extension.

1.0.1. 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

1.0.2. 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

```r
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)

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              35
AgeF1:LrnSL  -0.13019    0.15688   -0.830    0.4066              36
AgeF2:LrnSL   0.37340    0.14563    2.564    0.0103 *            37
AgeF3:LrnSL        NA         NA       NA        NA              38
---                                                             39
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1  40
                                                               41
(Dispersion parameter for poisson family taken to be 1)         42
                                                               43
    Null deviance: 2073.5  on 145  degrees of freedom           44
Residual deviance: 1368.7  on 128  degrees of freedom           45
AIC: 1993.1                                                     46
                                                               47
Number of Fisher Scoring iterations: 5                          48
```

Using references   49

I did not read this book (Cameron and Trivedi 2013) but it must be interesting.   50
Differences between `aft-html` and `aft-pdf`:   51

- For the HTML format, we are using Pandoc citeproc to include the bibliography. Here   52
`reference-section-title` controls the title for the chapter that will be used.   53
- For the PDF format, `natbib` is used by default and the bibliography is included with   54
a title by the LaTeX template.   55

References   56

Cameron, A. Colin, and Pravin K. Trivedi. 2013. *Regression Analysis of Count Data*. 2nd ed.   57
Cambridge: Cambridge University Press.   58