

Demo MDPI to use as template

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

Keywords: keyword one; keyword two

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

```
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 ***

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```

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

I did not read this book (Cameron and Trivedi 2013) but it must be interesting.
Differences between `aft-html` and `aft-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, `natbib` is used by default and the bibliography is included with a title by the LaTeX template.

References

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

Author Contributions: Use the CRediT taxonomy

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Data Availability Statement: We encourage all authors of articles published in MDPI journals to share their research data. In this section, please provide details regarding where data supporting reported results can be found, including links to publicly archived datasets analyzed or generated during the study.

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