

# My Awesome Paper

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## Abstract

Something, Something

## Introduction

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.   :  2.00
## 1st Qu.:12.0    1st Qu.: 26.00
##  Median :15.0    Median : 36.00
##   Mean  :15.4    Mean   : 42.98
## 3rd Qu.:19.0    3rd Qu.: 56.00
##   Max.  :25.0    Max.    :120.00
```

## Methods

These are some totally awesome methods that I'll be discussing in my paper. As mentioned in Introduction, this paper discusses a range of method including method 1 [Wood, 2017] and method 2 that was first introduced by Pedersen et al. [2019].

## Results

You can also embed plots, for example:

Note that the `include = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

As shown in Figure 1, you will see my totally awesome result.

Table 1 also shows some frikkin awesome results in table form!

## Discussion

Blah, Blah, Blah

## Conclusions

Give me the Nobel Prize

## References

## Figures

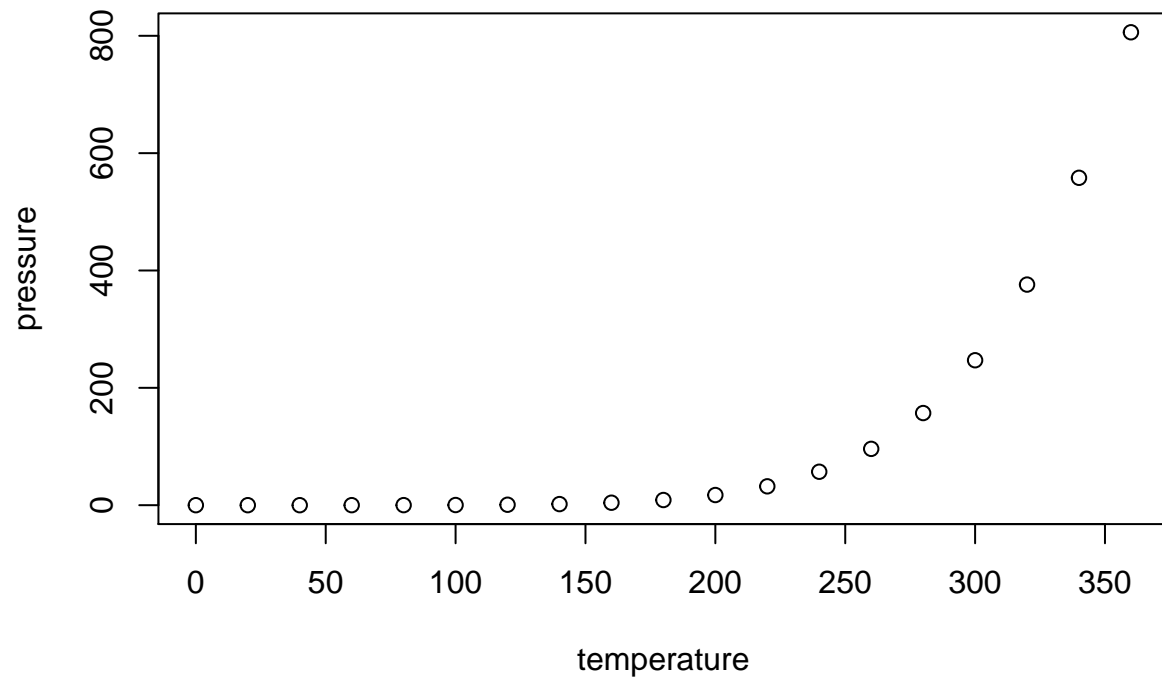


Figure 1: Look at this totally awesome result!

## Tables

## References

Eric J Pedersen, David L Miller, Gavin L Simpson, and Noam Ross. Hierarchical generalized additive models in ecology: an introduction with mgcv. *PeerJ*, 7:e6876, May 2019. doi: 10.7717/peerj.6876.

Simon N Wood. *Generalized Additive Models: An Introduction with R, Second Edition*. CRC Press, May 2017. ISBN 9781498728379.

Table 1: A table of totally awesome results!

	mpg	cyl	disp	hp	drat	wt	qsec	vs
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1
Merc 280	19.2	6	167.6	123	3.92	3.440	18.30	1