

Reproducible Tables

Alex Miller

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R Markdown

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>.

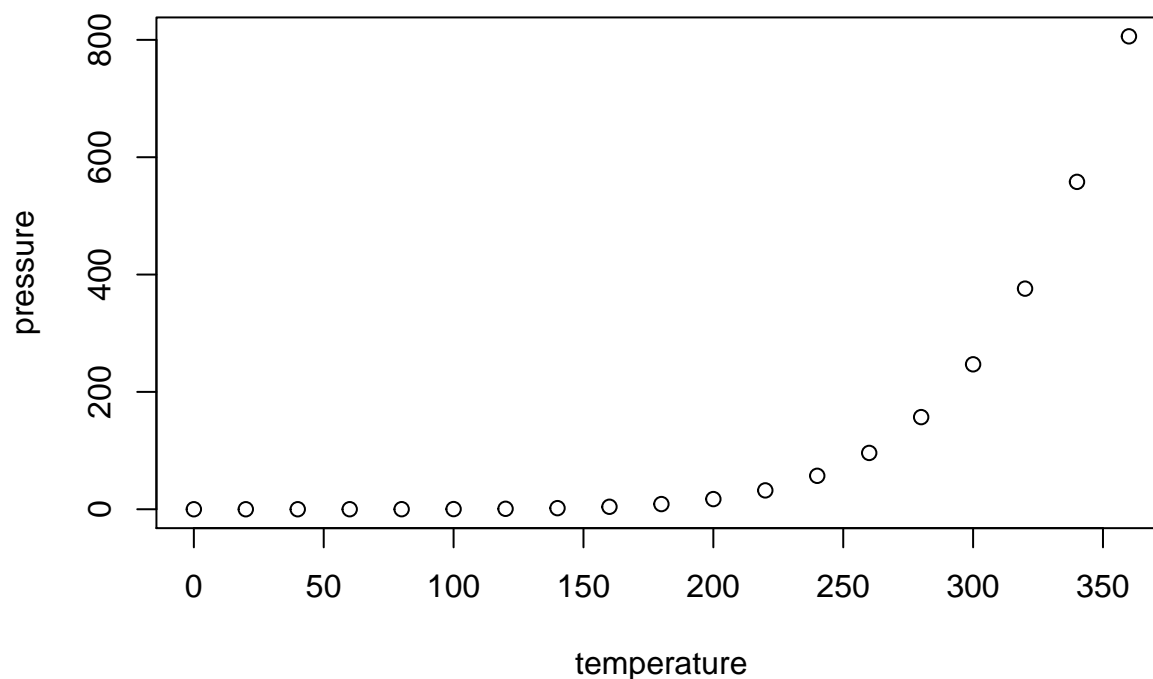
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(mtcars)
```

```
##           mpg           cyl           disp           hp
##  Min.      :10.40   Min.      :4.000   Min.      : 71.1   Min.      : 52.0
## 1st Qu.:15.43   1st Qu.:4.000   1st Qu.:120.8   1st Qu.: 96.5
## Median :19.20   Median :6.000   Median :196.3   Median :123.0
## Mean   :20.09   Mean   :6.188   Mean   :230.7   Mean   :146.7
## 3rd Qu.:22.80   3rd Qu.:8.000   3rd Qu.:326.0   3rd Qu.:180.0
## Max.   :33.90   Max.   :8.000   Max.   :472.0   Max.   :335.0
##           drat           wt           qsec           vs
##  Min.      :2.760   Min.      :1.513   Min.      :14.50   Min.      :0.0000
## 1st Qu.:3.080   1st Qu.:2.581   1st Qu.:16.89   1st Qu.:0.0000
## Median :3.695   Median :3.325   Median :17.71   Median :0.0000
## Mean   :3.597   Mean   :3.217   Mean   :17.85   Mean   :0.4375
## 3rd Qu.:3.920   3rd Qu.:3.610   3rd Qu.:18.90   3rd Qu.:1.0000
## Max.   :4.930   Max.   :5.424   Max.   :22.90   Max.   :1.0000
##           am           gear           carb
##  Min.      :0.0000   Min.      :3.000   Min.      :1.000
## 1st Qu.:0.0000   1st Qu.:3.000   1st Qu.:2.000
## Median :0.0000   Median :4.000   Median :2.000
## Mean   :0.4062   Mean   :3.688   Mean   :2.812
## 3rd Qu.:1.0000   3rd Qu.:4.000   3rd Qu.:4.000
## Max.   :1.0000   Max.   :5.000   Max.   :8.000
```

Including Plots

You can also embed plots, for example:



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

Beautiful Tables

You can also embed plots, for example:

```
model1 = lm(mpg ~ cyl + disp + hp + wt, data=mtcars)
model2 = lm(mpg ~ ., data=mtcars)
summary(model1)
```

```
##
## Call:
## lm(formula = mpg ~ cyl + disp + hp + wt, data = mtcars)
##
## Residuals:
```

	Min	1Q	Median	3Q	Max
	-4.0562	-1.4636	-0.4281	1.2854	5.8269

```
##
## Coefficients:
```

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	40.82854	2.75747	14.807	1.76e-14 ***
cyl	-1.29332	0.65588	-1.972	0.058947 .
disp	0.01160	0.01173	0.989	0.331386
hp	-0.02054	0.01215	-1.691	0.102379
wt	-3.85390	1.01547	-3.795	0.000759 ***

```
## ---  
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1  
##  
## Residual standard error: 2.513 on 27 degrees of freedom  
## Multiple R-squared:  0.8486, Adjusted R-squared:  0.8262  
## F-statistic: 37.84 on 4 and 27 DF,  p-value: 1.061e-10
```

	Model 1	Model 2
(Intercept)	40.83*** (2.76)	12.30 (18.72)
cyl	-1.29 (0.66)	-0.11 (1.05)
disp	0.01 (0.01)	0.01 (0.02)
hp	-0.02 (0.01)	-0.02 (0.02)
wt	-3.85*** (1.02)	-3.72 (1.89)
drat		0.79 (1.64)
qsec		0.82 (0.73)
vs		0.32 (2.10)
am		2.52 (2.06)
gear		0.66 (1.49)
carb		-0.20 (0.83)
R ²	0.85	0.87
Adj. R ²	0.83	0.81
Num. obs.	32	32
RMSE	2.51	2.65

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Table 1: Statistical models

For help, see `texreg`.