

Practical12

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Does two blank
work?
Yes,it works.

R R what's the type of this? ## R Markdown

section headline

bold face

<http://www.baidu.com>

I am the *best* student

- Prepare tutorial
 - Go to class
 - Revise lecture
 - Finish ICA report
 - sleep
 - why
1. Eat breakfast
 2. Eat lunch
 3. Eat dinner
 4. Sleep

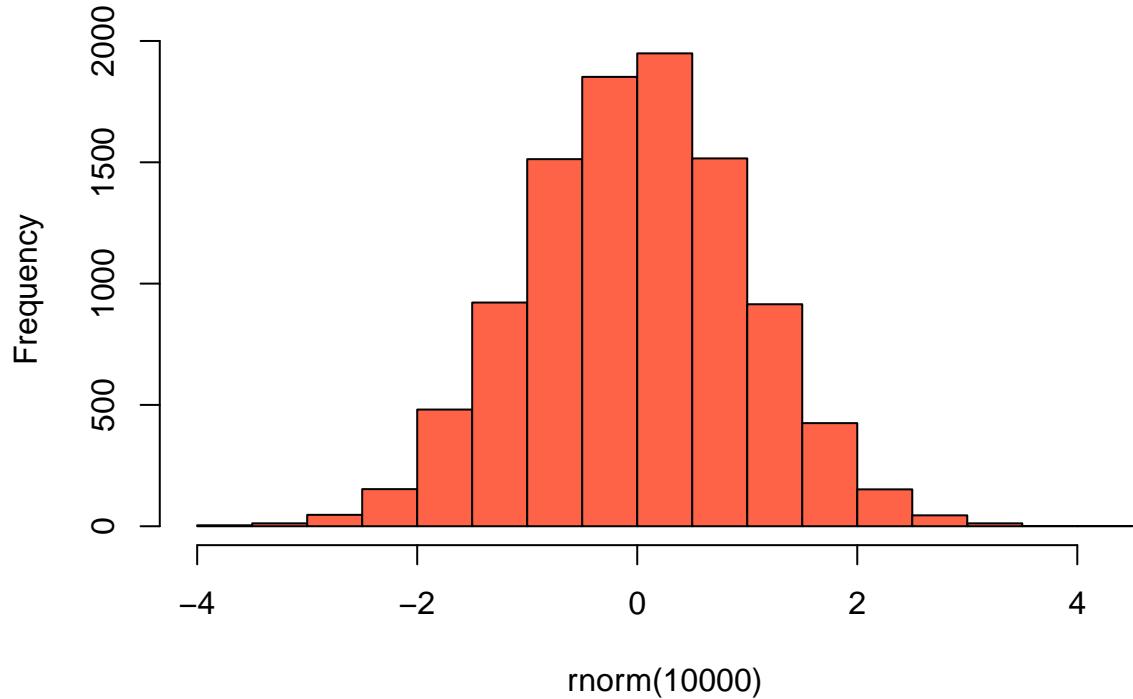
This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

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:

```
x=2
y=3
x+y

## [1] 5
hist(rnorm(10000), col ="tomato")
```

Histogram of rnorm(10000)



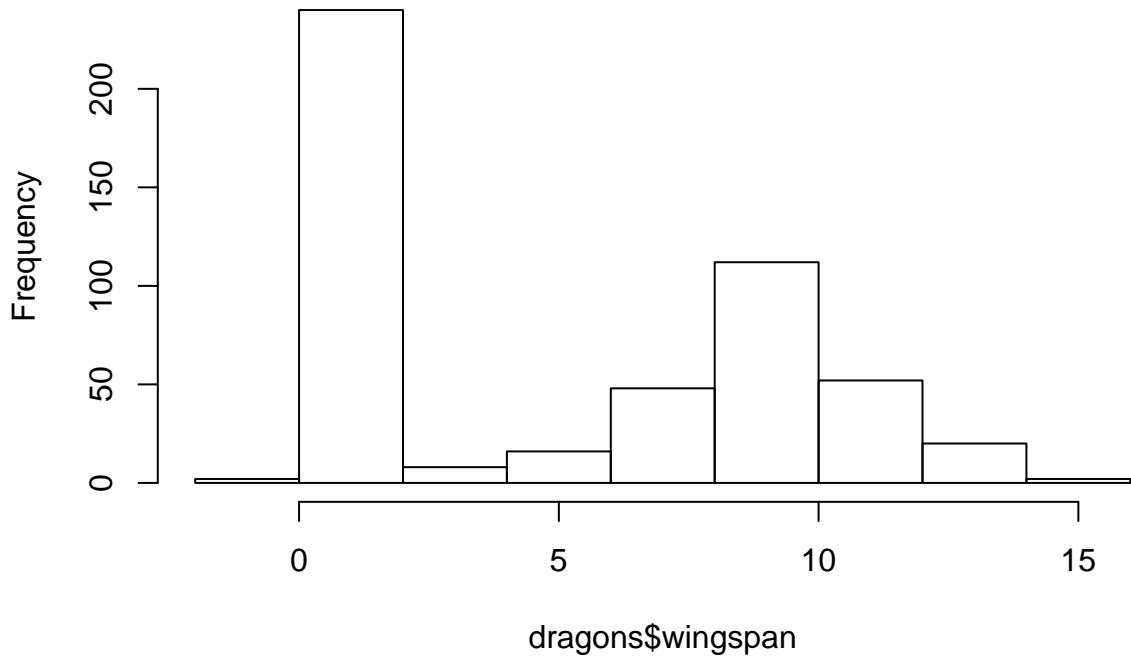
```
x
```

```
## [1] 2
```

We determined that the sum 1 and 2 was 3 surprisingly

```
dragons <- read.csv("/Users/lanqi/Desktop/dragons.csv")
hist(dragons$wingspan)
```

Histogram of dragons\$wingspan



```
library(knitr)
```

```
## Warning: package 'knitr' was built under R version 3.5.2
kable(dragons[1:5,])
```

x
1.34
0.67
0.80
0.66
1.29

```
kable(summary(dragons))
```

wingspan
Min. :-0.140
1st Qu.: 1.058
Median : 3.310
Mean : 5.075
3rd Qu.: 9.070
Max. :14.460

```
mice <- read.csv("mouse_report.csv")
kable(mice[1:20,c(2,4,5)])
```

ID	weight	age
qg487	20	23
sw743	20	20
je649	21	21
pr476	16	13
nh236	20	16
nt852	15	11
ot185	18	29
mq231	20	7
pg148	21	15
zt398	16	14
nu634	20	38
lj546	17	25
jt739	20	12
af041	20	15
gk257	18	13
cj459	18	28
lu039	21	22
qn532	21	5
ey679	18	21
mp250	20	30

```
kable(summary(mice))
```

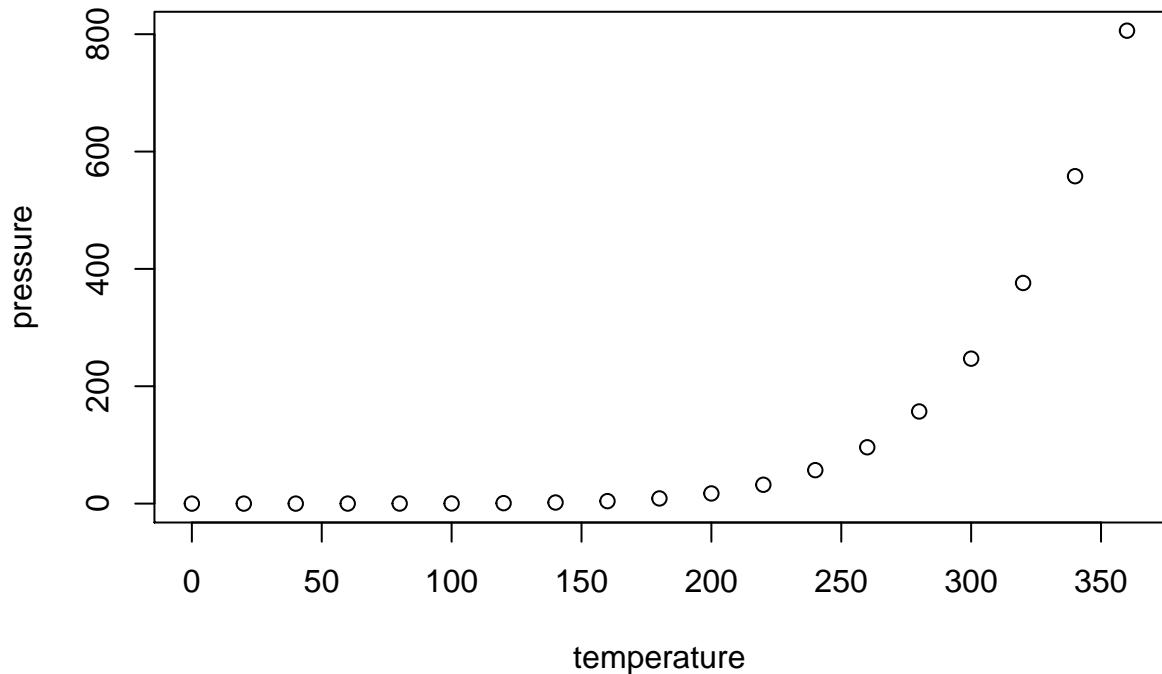
date	ID	genotype	weight	age
July 2019:40	af041 : 1	LSM:10	Min. :15.00	Min. : 5.0
NA	cj459 : 1	OLJ:11	1st Qu.:18.00	1st Qu.:13.0
NA	cv471 : 1	RSM:19	Median :20.00	Median :16.0
NA	ey679 : 1	NA	Mean :19.05	Mean :19.1
NA	gd974 : 1	NA	3rd Qu.:20.00	3rd Qu.:23.5
NA	gk257 : 1	NA	Max. :23.00	Max. :46.0
NA	(Other):34	NA	NA	NA

Including Plots

You can also embed plots, for example:



Figure 1: photo of snow applied by Melanie



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