

P13

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1 Text editing in R markdown

1.1 How do you create a section headline?

How do you make text bold face?

How to include a link to a website

I am the *best* student.

- Prepare tutorial
- Go to class
- Revise lecture
- Finish ICA report

1. Eat breakfast
2. Eat lunch
3. *Eat dinner*
4. Sleep

```
library(tidyverse)
```

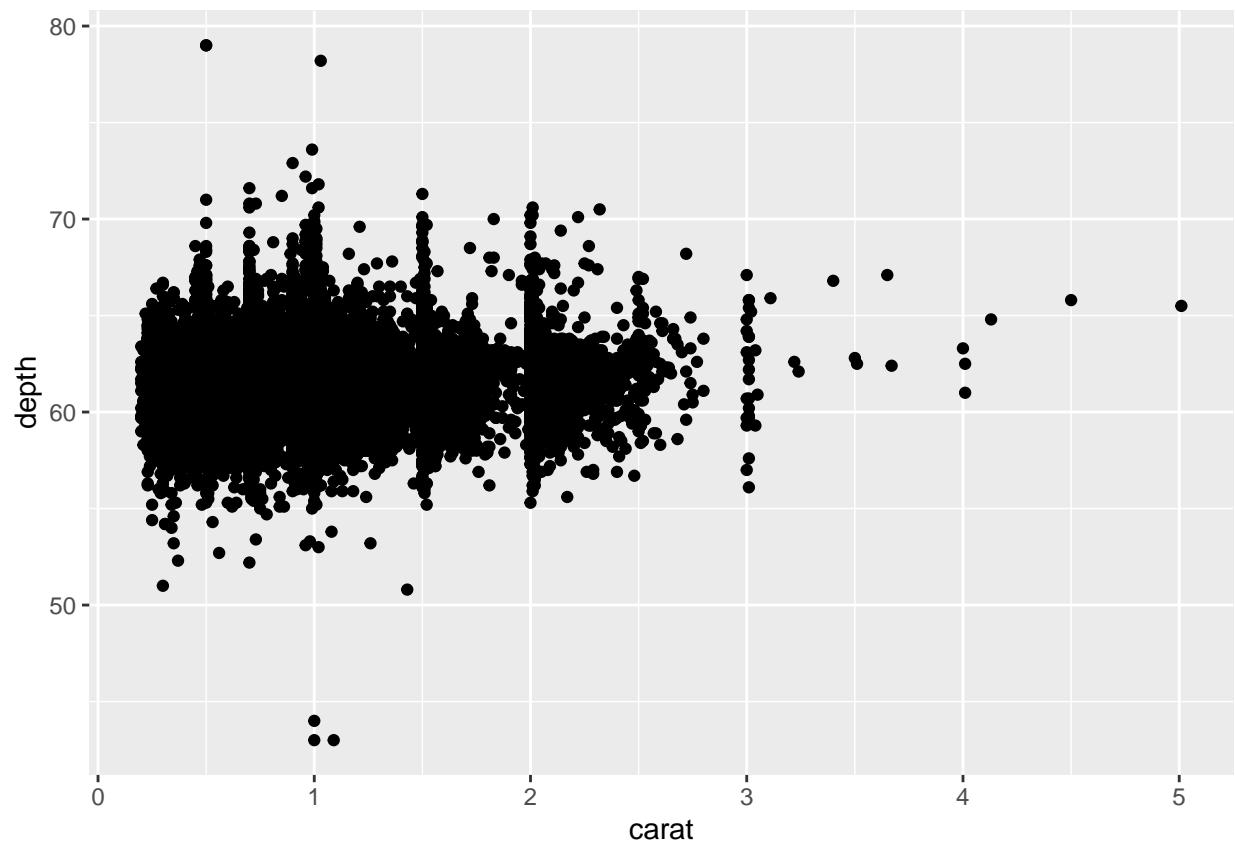
2 Including code in R markdown

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

```
## [1] 5
```

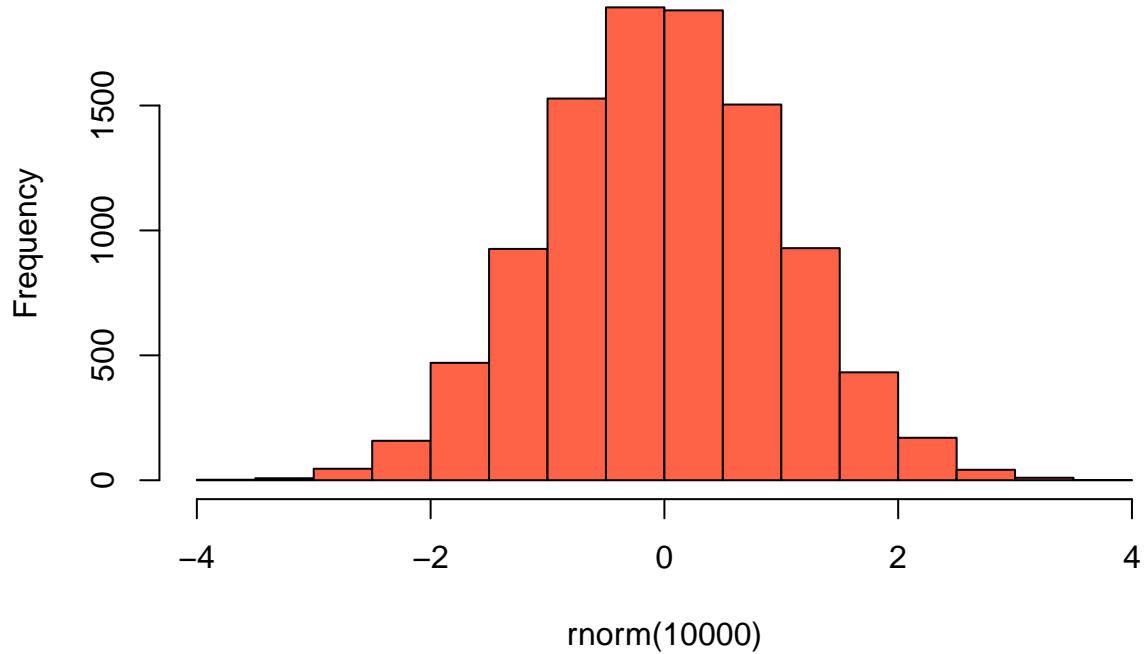
```
x+y
```

```
## [1] 5
```



```
hist(rnorm(10000), col = "tomato")
```

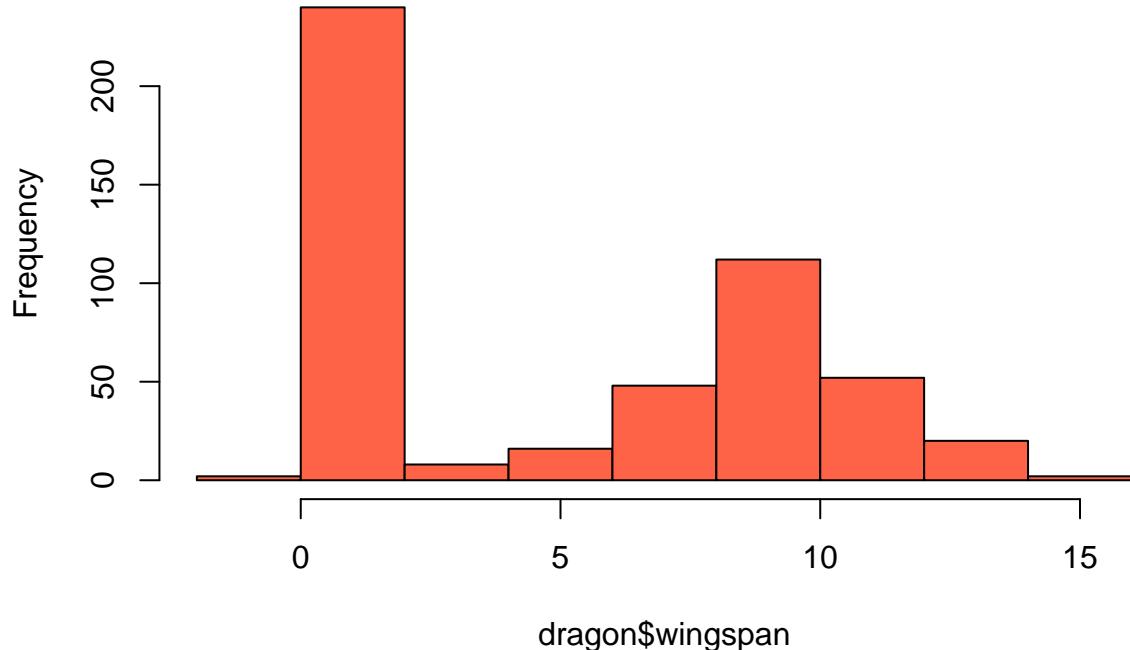
Histogram of rnorm(10000)



We determined that the sum 2 and 3 was 5 surprisingly.

```
dragon <- read.csv("D:/R_document/ADS_practical/dragons.csv")
hist(dragon$wingspan, col = "tomato", main = "Dragon wingspans")
```

Dragon wingspans



3 Tables and images

3.1 Tables

```
library(knitr)
```

```
kable(dragon[1:5,])
```

x
1.34
0.67
0.80
0.66
1.29

```
kable(summary(dragon))
```

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
Length:40	Length:40	Length:40	Min. :15.00	Min. : 5.0
Class :character	Class :character	Class :character	1st Qu.:18.00	1st Qu.:13.0
Mode :character	Mode :character	Mode :character	Median :20.00	Median :16.0
NA	NA	NA	Mean :19.05	Mean :19.1
NA	NA	NA	3rd Qu.:20.00	3rd Qu.:23.5
NA	NA	NA	Max. :23.00	Max. :46.0

3.2 Images



Figure 1: Beautiful snow