

Practical Week 12

superFF

2023-12-07

R markdown

first title

second title

third title

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

references references **references**

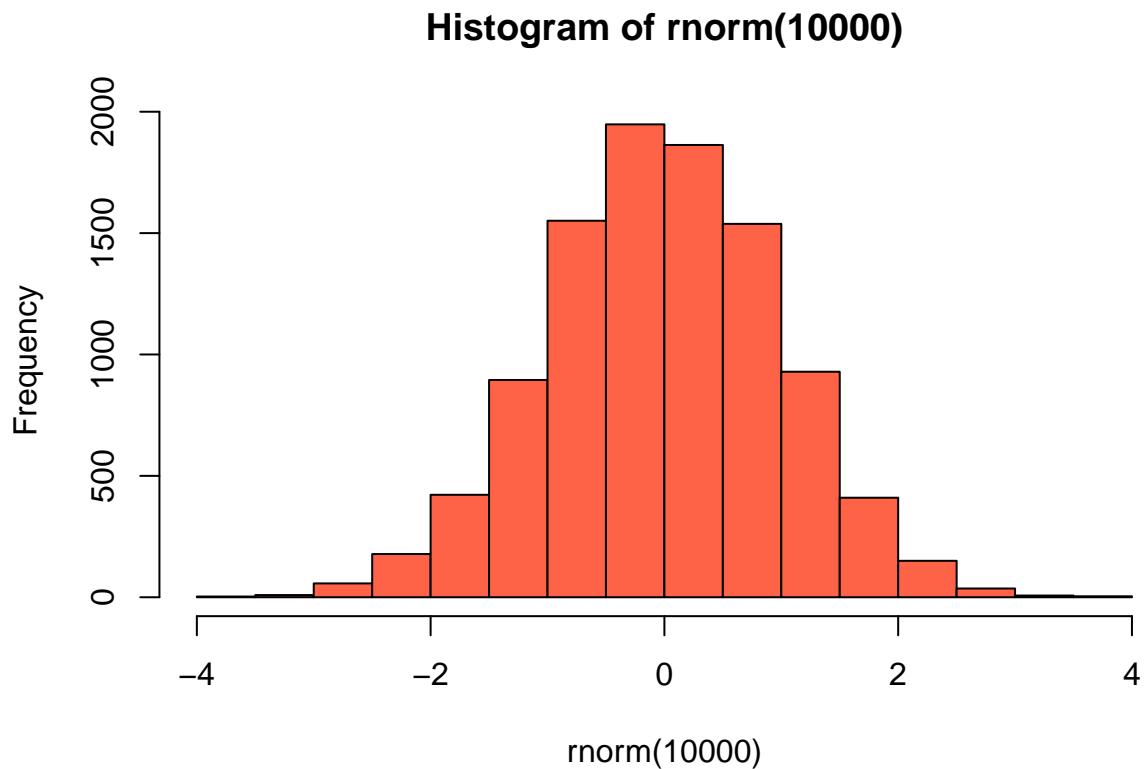
```
x=2  
y=3  
x+y
```

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

```
2+2
```

```
## [1] 40
```

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

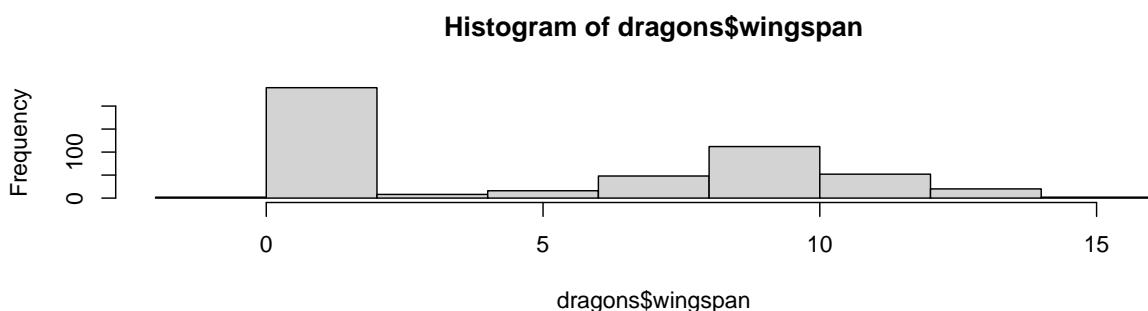


```
x
```

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

some text 'r code' some more text if needed

```
dragons=read.csv(file="dragons.csv");
hist(dragons$wingspan);
```



```
head(dragons)
```

```
##      wingspan
```

```
## 1      1.34
## 2      0.67
## 3      0.80
## 4      0.66
## 5      1.29
## 6      0.61
```

```
library(knitr)
kable(head(dragons,5))
```

wingspan
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(file="mouse_report.csv");
kable(mice[1:20,c("ID","weight","age")]);
```

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

ID	weight	age
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



Figure 1: a photo of bridge

```
include_graphics(path = 'Bridge.png');
```



x+y # this is a non-emotional comment just for test!

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