

# Edinburgh Biodiversity

Tash Ramsden

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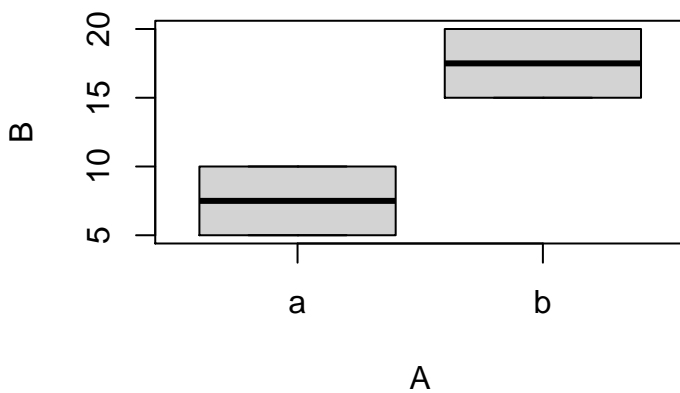
```
A <- c("a", "a", "b", "b")
B <- c(5, 10, 15, 20)
dataframe <- data.frame(A, B)
print(dataframe)
```

```
##   A B
## 1 a  5
## 2 a 10
## 3 b 15
## 4 b 20
```

```
A <- c("a", "a", "b", "b")
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```

```
##   A B
## 1 a  5
## 2 a 10
## 3 b 15
## 4 b 20
```

```
boxplot(B~A, data=dataframe)
```



```
library(knitr)
kable(dataframe, digits = 2)
```

A	B
a	5
a	10
b	15
b	20

```
library(pander)
plant <- c("a", "b", "c")
temperature <- c(20, 20, 20)
growth <- c(0.65, 0.95, 0.15)
dataframe <- data.frame(plant, temperature, growth)
emphasize.italics.cols(3) # Make the 3rd column italics
pander(dataframe) # Create the table
```

plant	temperature	growth
a	20	<i>0.65</i>
b	20	<i>0.95</i>
c	20	<i>0.15</i>

Plant	Temp.	Growth
A	20	0.65
B	20	0.95
C	20	0.15

```
library(broom)
library(pander)
A <- c(20, 15, 10)
B <- c(1, 2, 3)

lm_test <- lm(A ~ B) # Creating linear model

table_obj <- tidy(lm_test) # Using tidy() to create a new R object called table

pander(table_obj, digits = 3) # Using pander() to view the created table, with 3 sig figs
```

term	estimate	std.error	statistic	p.value
(Intercept)	25	4.07e-15	6.14e+15	1.04e-16
B	-5	1.88e-15	-2.65e+15	2.4e-16