Definindo a variável aleatória X com distribuição Normal padrão, ou seja, $X \sim \mathrm{N}(0, 1)$

```
set.seed(1)
(x <- rnorm(10))
```

```
##  [1] -0.6265  0.1836 -0.8356  1.5953  0.3295 -0.8205  0.4874  0.7383
##  [9]  0.5758 -0.3054
```

A média desta variável aleatória é 0.1322. O primeiro valor é $X_1 = -0.6265$.

```
rnorm(10)
```

```
set.seed(1)
rbeta(10, 2, 5)
```

```
##  [1] 0.1755 0.3243 0.1456 0.3570 0.1477 0.3944 0.4582 0.2280 0.6757 0.3710
##  [1] -0.62124 -2.21470  1.12493 -0.04493 -0.01619  0.94384  0.82122
##  [8]  0.59390  0.91898  0.78214
```

```
rgamma(10, 2, 5)
```

```
##  [1] 0.31854 0.77153 0.62490 0.15462 0.19431 0.24504 0.27535 0.16200
##  [9] 0.05751 0.59225
```

```
rnorm(10, 10, 5)
```

```
##  [1] 15.783 14.160  8.863 11.331  8.116 22.207  6.023  9.726 11.251 13.091
```

```
rnorm(10,
      10, 5)
```

```
##  [1]  9.137 -1.120  3.682 11.794  9.945  5.297  9.421  5.925 11.211  2.875
```

```
## Carrega o pacote
require(xtable, quietly = TRUE)
## Tira uma amostra de 10 linhas da base de dados Iris
am <- sample(1:nrow(iris), size = 10)
iris.am <- iris[am, ]
```

	Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
97	5.70	2.90	4.20	1.30	versicolor
139	6.00	3.00	4.80	1.80	virginica
89	5.60	3.00	4.10	1.30	versicolor
83	5.80	2.70	3.90	1.20	versicolor
77	6.80	2.80	4.80	1.40	versicolor
143	5.80	2.70	5.10	1.90	virginica
74	6.10	2.80	4.70	1.20	versicolor
98	6.20	2.90	4.30	1.30	versicolor
86	6.00	3.40	4.50	1.60	versicolor
34	5.50	4.20	1.40	0.20	setosa

	Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
39	4.40	3.00	1.30	0.20	setosa
109	6.70	2.50	5.80	1.80	virginica
67	5.60	3.00	4.50	1.50	versicolor
26	5.00	3.00	1.60	0.20	setosa
110	7.20	3.60	6.10	2.50	virginica
16	5.70	4.40	1.50	0.40	setosa
125	6.70	3.30	5.70	2.10	virginica
88	6.30	2.30	4.40	1.30	versicolor
80	5.70	2.60	3.50	1.00	versicolor
47	5.10	3.80	1.60	0.20	setosa

Tabela 1: Uma legenda para a tabela

Tabela 2: Uma legenda para a tabela

	Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
68	5.80	2.70	4.10	1.00	versicolor
75	6.40	2.90	4.30	1.30	versicolor
27	5.00	3.40	1.60	0.40	setosa
78	6.70	3.00	5.00	1.70	versicolor
11	5.40	3.70	1.50	0.20	setosa
41	5.00	3.50	1.30	0.30	setosa
31	4.80	3.10	1.60	0.20	setosa
145	6.70	3.30	5.70	2.50	virginica
128	6.10	3.00	4.90	1.80	virginica
63	6.00	2.20	4.00	1.00	versicolor

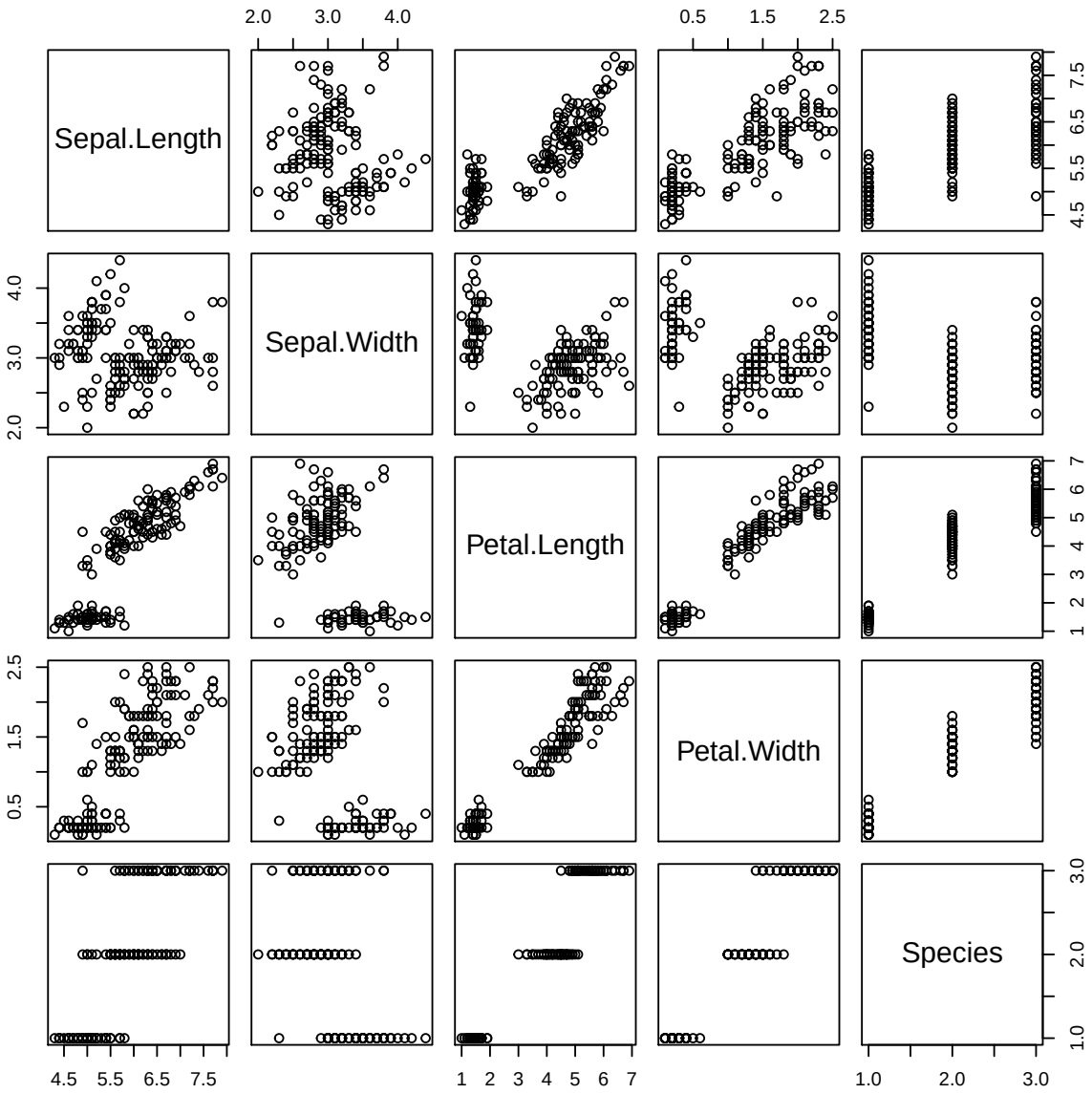
A tabela abaixo é a tabela de número 1
Essa é a tabela 2 com legenda em cima.
Com a saída de um modelo

```
mod <- lm(Petal.Length ~ Petal.Width, iris)
```

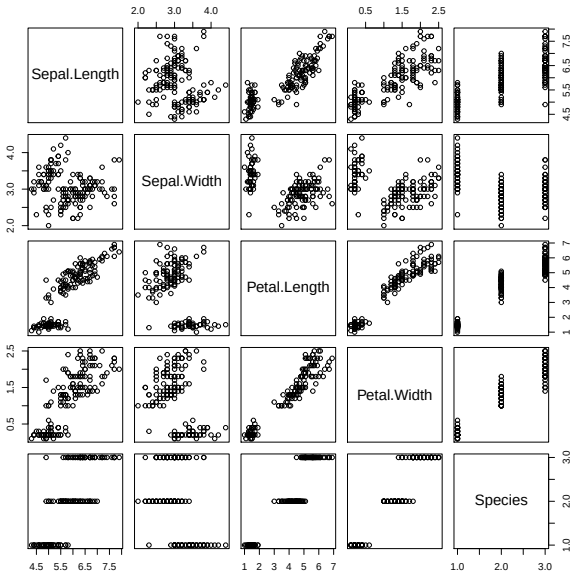
	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	1.0836	0.0730	14.85	0.0000
Petal.Width	2.2299	0.0514	43.39	0.0000

Figuras.

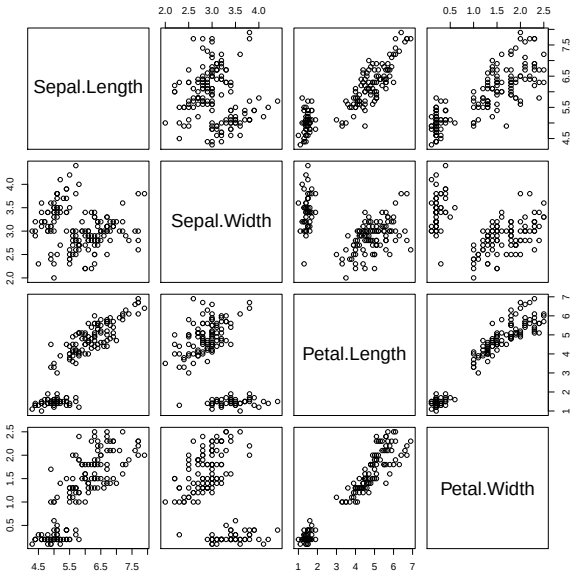
```
plot(iris)
```



```
plot(iris)
```



```r
plot(iris[, -5])
```



Algum texto sobre a figura 1.

```
plot(iris)
```

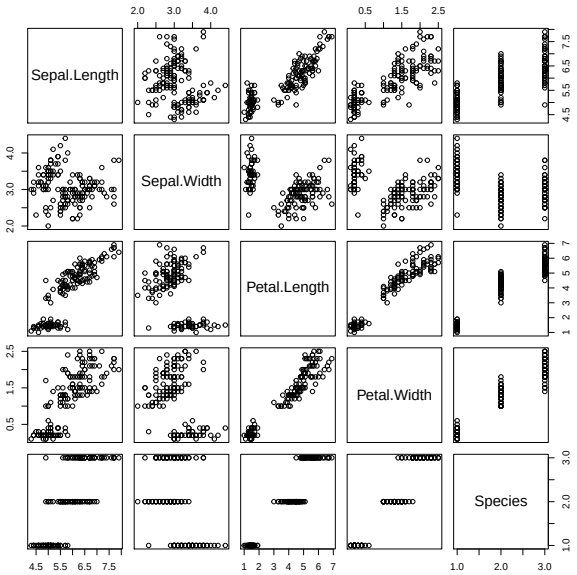
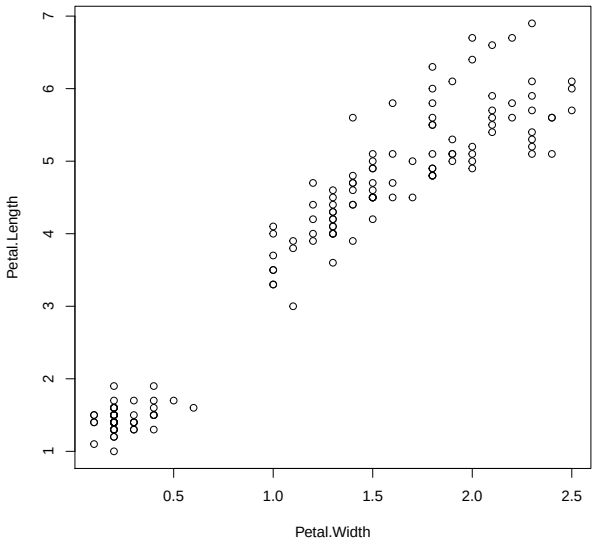
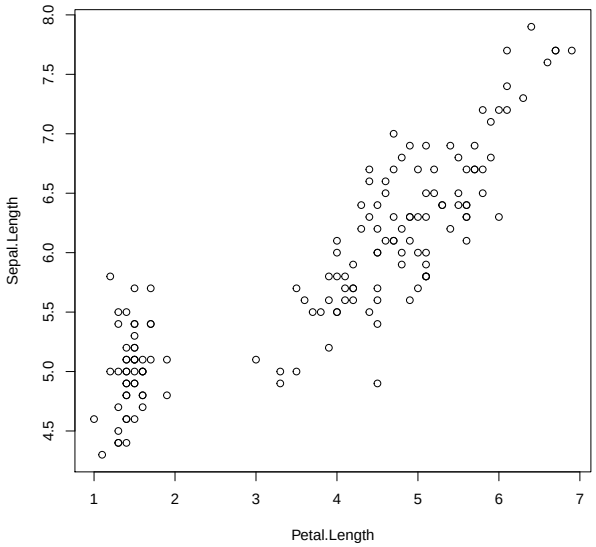


Figura 1: Legenda da figura

```
plot(Petal.Length ~ Petal.Width, iris)
```




```
plot(Sepal.Length ~ Petal.Length, iris)
```



```
plot(Petal.Length ~ Petal.Width, iris)
plot(Sepal.Length ~ Petal.Length, iris)
```