

# Tablas de Contingencia

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## Tablas de contingencia

```
datos = factor(c("H", "M", "M", "M", "H", "H", "M", "M"))
table(datos)
```

```
## datos
## H M
## 3 5
```

```
table(datos)["M"]
```

```
## M
## 5
```

```
sum(table(datos))
```

```
## [1] 8
```

## Frecuencias relativas

$$f_r = \frac{n_i}{n}$$

```
prop.table(table(datos))
```

```
## datos
##      H      M
## 0.375 0.625
```

```
100*prop.table(table(datos))
```

```
## datos
##      H      M
## 37.5 62.5
```

```
table(datos)/length(datos)
```

```
## datos
##      H      M
## 0.375 0.625
```

```
names(which(table(datos)==3))
```

```
## [1] "H"
```

```
moda <- function(d){
  names(which(table(d)==max(table(d))))
}
m_t = moda(datos)
```

La moda del data frame es: M.