Now some descriptives…

We're going to do this by using the *describeBy* function in the *Psych* package.

```
> describeBy(data$Score, group = data$Condition)

 Descriptive statistics by group
group: Very Easy
   vars  n mean   sd median trimmed  mad min max range skew kurtosis   se
X1    1 32 83.5 3.62     83   83.31 2.97  75  94    19 0.54     0.83 0.64
------------------------------------------------------------------------
group: Easy
   vars  n  mean   sd median trimmed  mad min max range skew kurtosis   se
X1    1 32 81.62 4.28     81   81.15 2.97  75  94    19 1.14     0.83 0.76
------------------------------------------------------------------------
group: Hard
   vars  n  mean   sd median trimmed  mad min max range skew kurtosis  se
X1    1 32 72.38 6.24     71   72.15 4.45  62  86    24 0.37    -0.56 1.1
------------------------------------------------------------------------
group: Very Hard
   vars  n  mean  sd median trimmed  mad min max range skew kurtosis   se
X1    1 32 53.97 5.5     54   53.62 5.93  44  66    22 0.42    -0.37 0.97
```

Building the ANOVA model

We are mapping the output of our ANOVA model onto a new variable we are calling *model*.

The name of the ANOVA function

```
> model <- aov_4(Score ~ Condition + (1 + Condition | Participant), data = data)
```

Our DV

Our IV

Our repeated measures

The name of our dataframe