

# 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**