

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**

This is the our ANOVA model - we have a significant effect of Condition.

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

Univariate Type III Repeated-Measures ANOVA Assuming Sphericity

	SS	num	Df	Error	SS	den	Df	F	Pr(>F)	
(Intercept)	679632		1	936.49		31	22497.36	< 2.2e-16	***	
Condition	17509		3	2179.48		93	249.04	< 2.2e-16	***	

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Mauchly Tests for Sphericity

	Test statistic	p-value
Condition	0.90603	0.71042

Greenhouse-Geisser and Huynh-Feldt Corrections
for Departure from Sphericity

	GG eps	Pr(>F[GG])
Condition	0.9401	< 2.2e-16 ***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

	HF eps	Pr(>F[HF])
Condition	1.043895	2.615157e-44