The effect size is measured by ges which stands for generalised effect size (η_G^2) - this is the recommended effect size measure for repeated measures designs (Bakeman, 2005). We get this by using the anova () function on our model. Note the dfs in this output are always corrected as if there is a violation of sphericity - to be conservative (and to avoid Type 1 errors) we might be better off to always choose these corrected dfs.

So we know we have an effect of Condition, but we don't know where the difference lies...

Let's do some post hoc tests with Bonferroni corrected p-values...