

- Plotting our data suggests the Congruent condition is producing higher scores than our other two conditions.



- Before we build our null and experimental models, we need to ensure our DV is coded as an ordinal variable.

```
> Main$ratings <- as.ordered(Main$ratings)
```

```
> model.clm.null <- clmm(ratings ~ 1 + (1 + VideoCondition | Subject) + (1 +  
VideoCondition | SportType) + (1 + VideoCondition | Image), data = Main)
```

```
> model.clm4 <- clmm(ratings ~ VideoCondition + (1 + VideoCondition | Subject) +  
(1 + VideoCondition | SportType) + (1 + VideoCondition | Image), data = Main)
```

- The syntax for our null model requires we have an explicit intercept (represented by a 1 in the fixed effects structure) similar to when we built regression models (this is different to how we specify a null model in `lme4` syntax).