


But what about the Old group?

```
> old_filter <- filter(data, Age == "Old")
> model_old <- aov_4(RT ~ Word * Image + (1 + Word * Image | Participant),
old_filter)
> anova (model_old)
Anova Table (Type 3 tests)
```

Response: RT

	num	Df	den	Df	MSE	F	ges	Pr(>F)	
Word		1		15	819.83	93.5066	0.63260	7.757e-08	***
Image		1		15	586.81	0.1195	0.00157	0.7343	
Word:Image		1		15	586.70	0.2825	0.00371	0.6028	

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



**Interaction
not significant**

So we have found a 2-way interaction of Word x Image that **differs** between our two groups. The 2-way interaction is significant for our Young group, but not significant for our Old group. For our Old group, we simply have a main effect of Word...

