

# Relatório 21

## Permutation test

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Three-way ANOVA with variable (e.g., fundoRosto, rostoDireita), condition (RJA, IJA), and diagnostic (TEA vs TD). Interactions between all Independent Variables were included.

## 1 Resultados

### 1.1 Alternâncias

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
condition	1	33.35	33.35	126.77	0.0000
tea	1	3.91	3.91	14.86	0.0001
variable	3	483.95	161.32	613.13	0.0000
condition:tea	1	0.02	0.02	0.06	0.8093
condition:variable	3	66.29	22.10	83.99	0.0000
tea:variable	3	1.72	0.57	2.18	0.0881
condition:tea:variable	3	0.17	0.06	0.22	0.8816
Residuals	3072	808.24	0.26		

Figure 1: Visualizing TEA effect on alternancias. Mean number of alternancias per tea and trial.

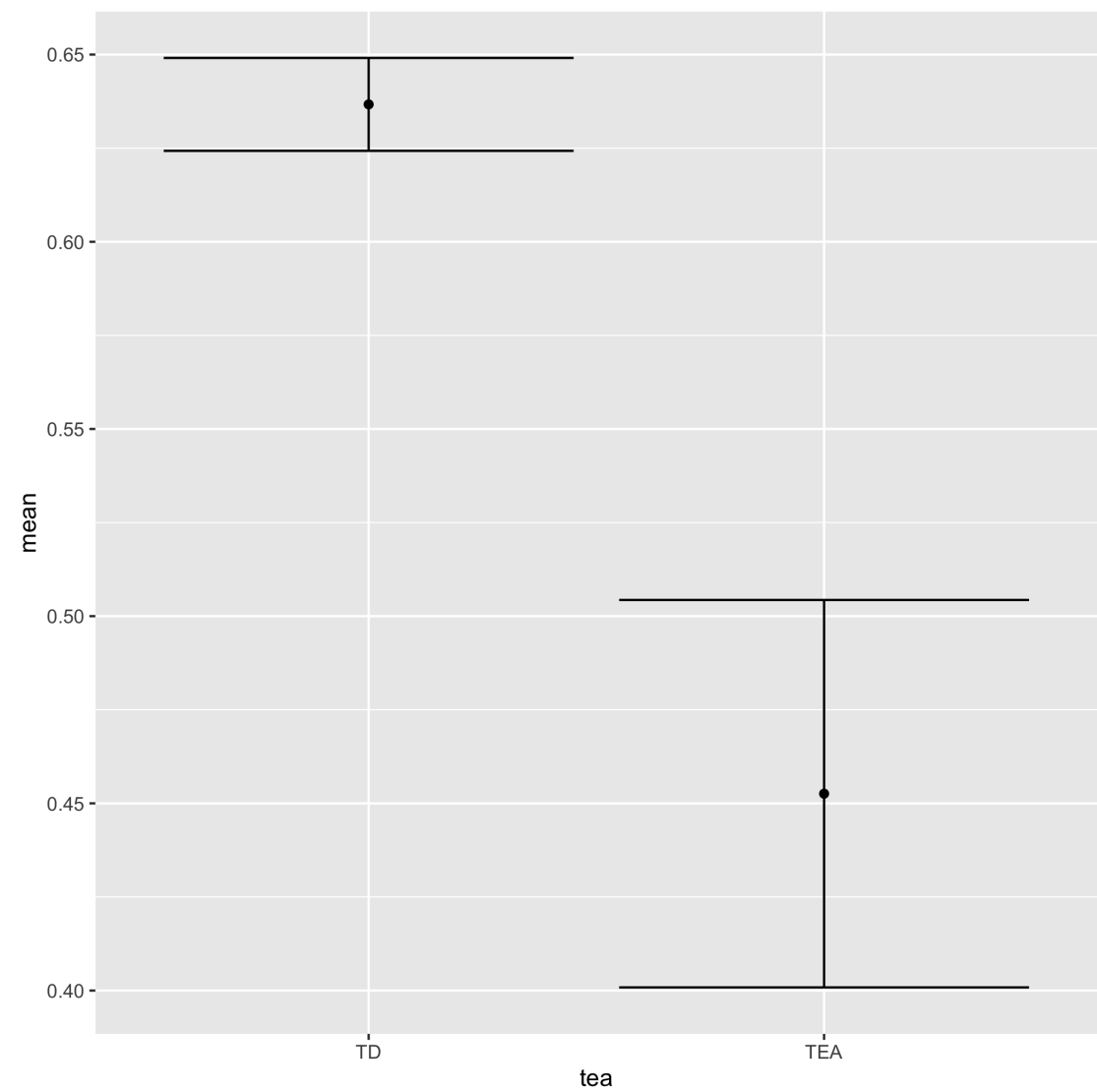


Figure 2: Visualizing effect of variable

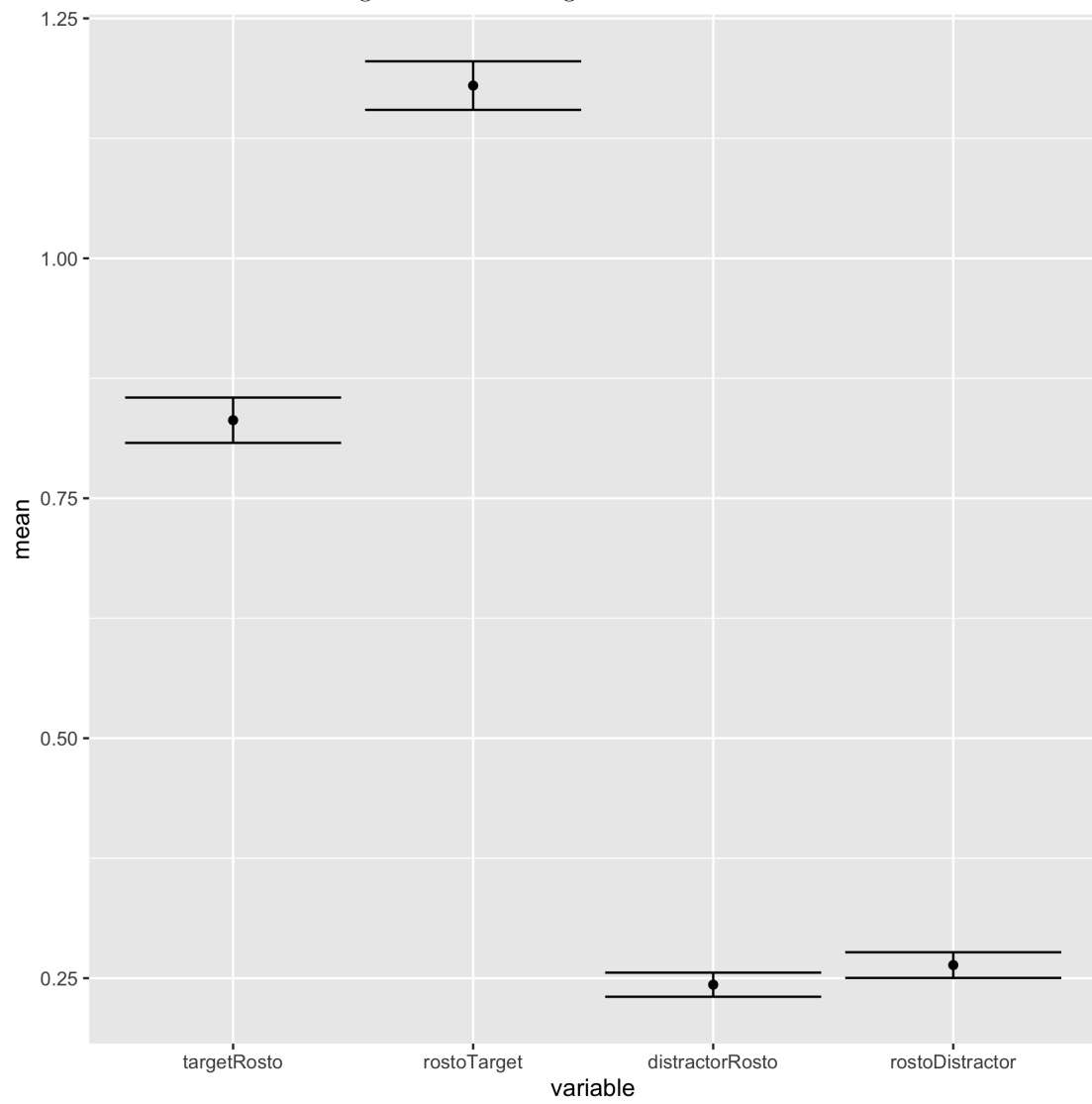


Figure 3: Visualizing effect of condition

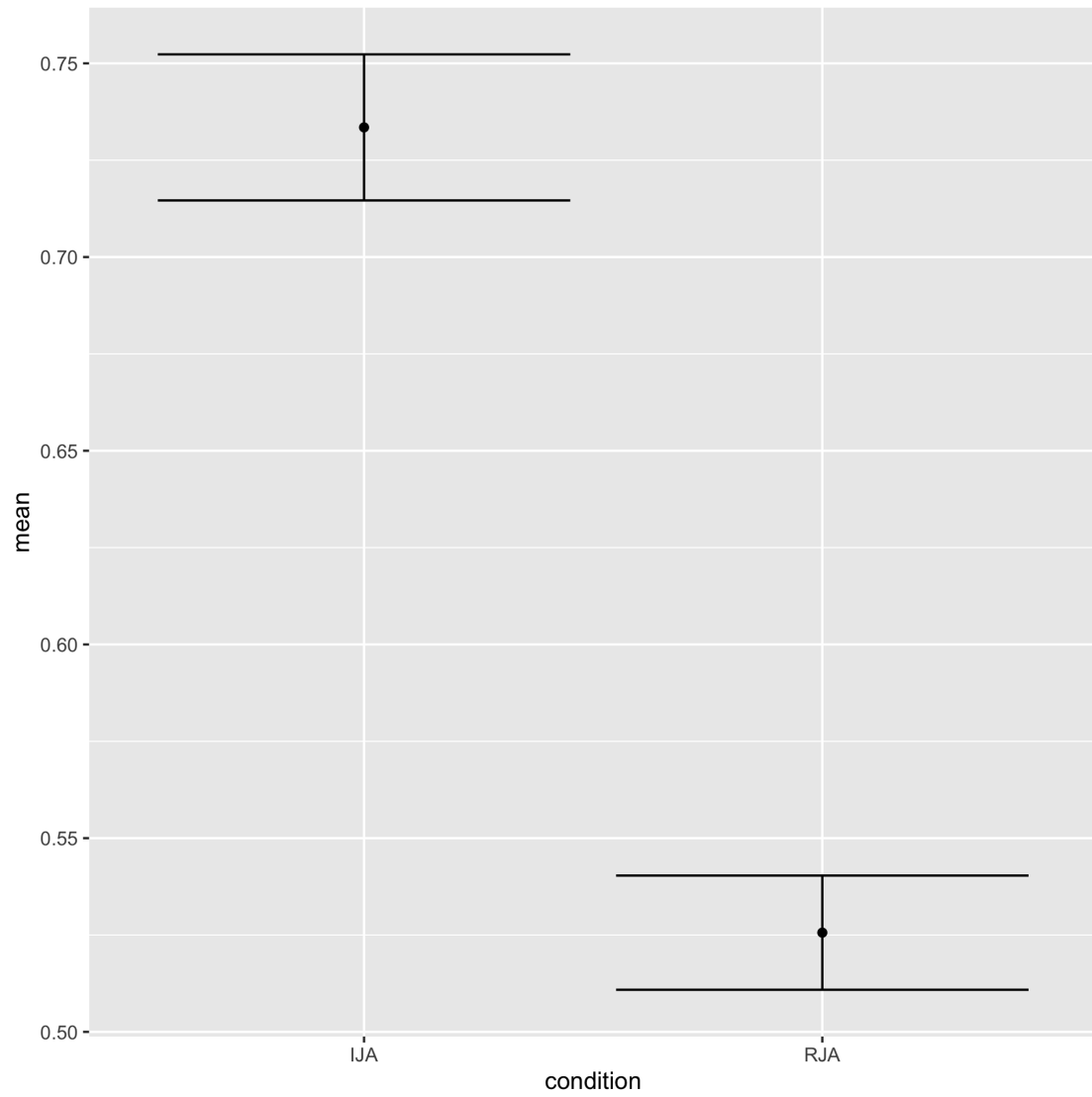


Figure 4: Visualizing interaction of condition and variable

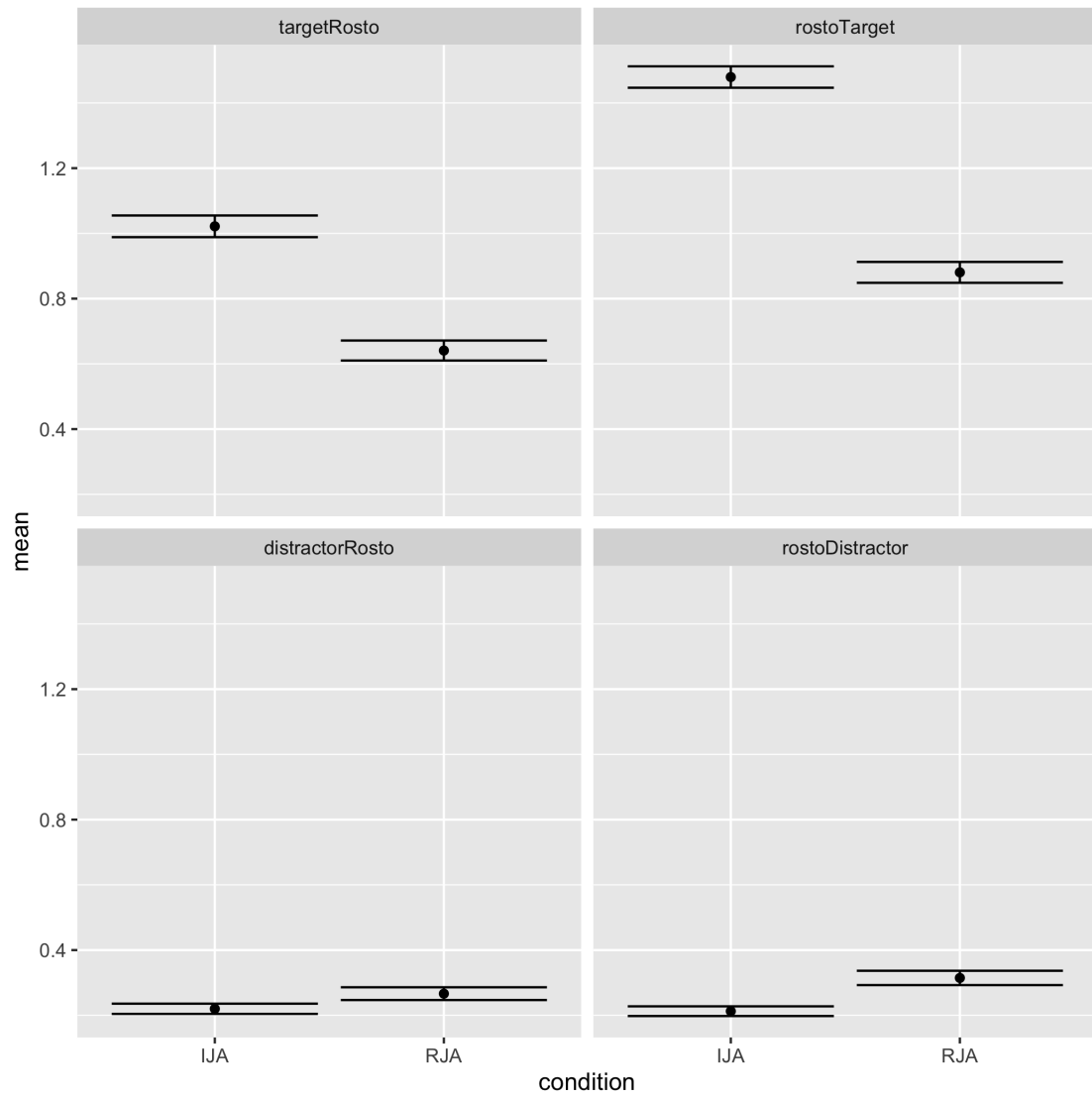
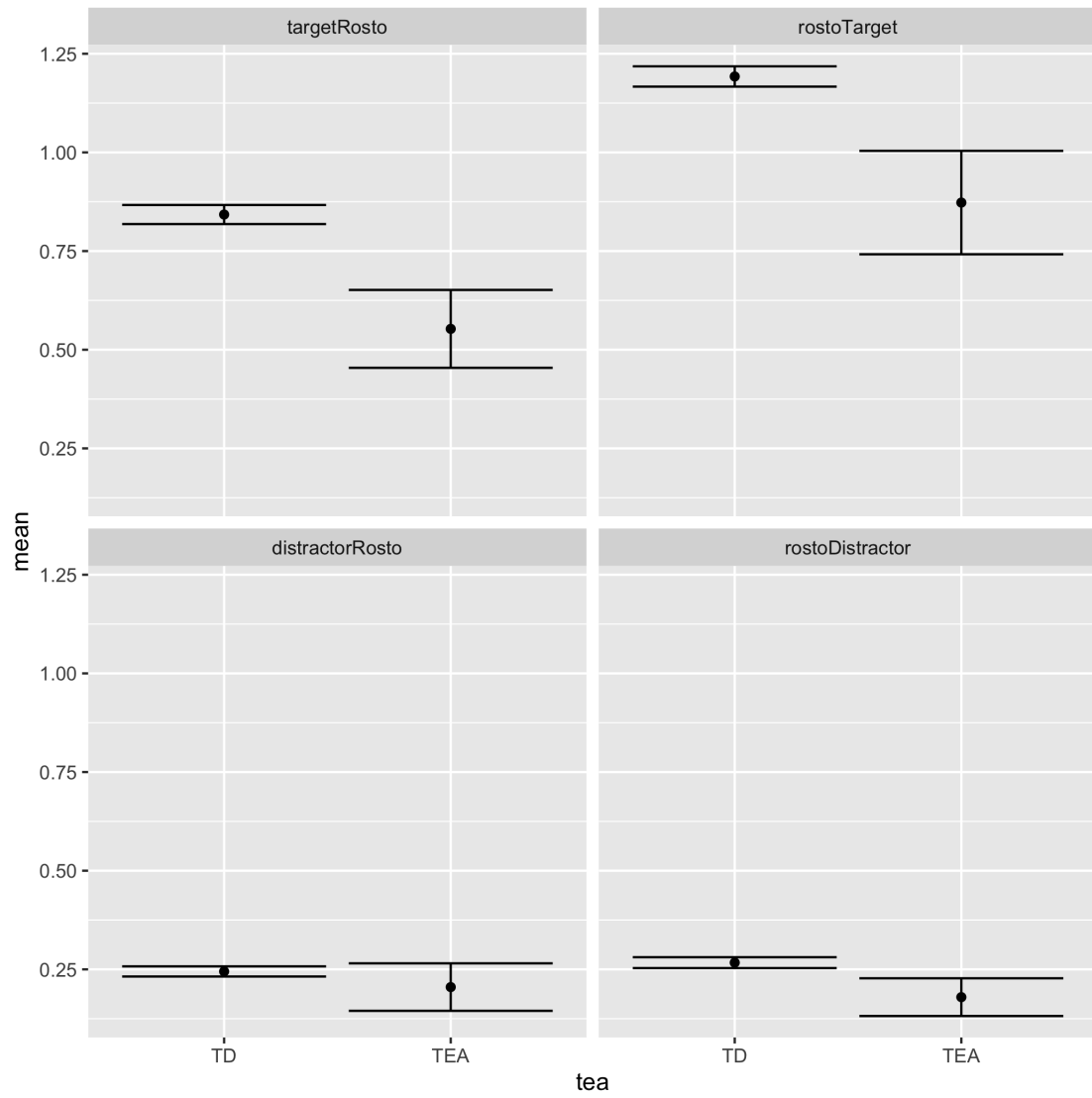


Figure 5: Visualizing interaction between tea and variable



	Df	Sum Sq	Mean Sq	F value	Pr(>F)
condition	1	0.00	0.00	0.00	1.0000
tea	1	0.00	0.00	0.00	1.0000
variable	3	101.30	33.77	1452.10	0.0000
condition:tea	1	0.00	0.00	0.00	1.0000
condition:variable	3	20.65	6.88	295.96	0.0000
tea:variable	3	0.35	0.12	5.01	0.0018
condition:tea:variable	3	0.11	0.04	1.62	0.1832
Residuals	3072	71.43	0.02		

## 1.2 Proporção

Figure 6: Visualizing variable effect

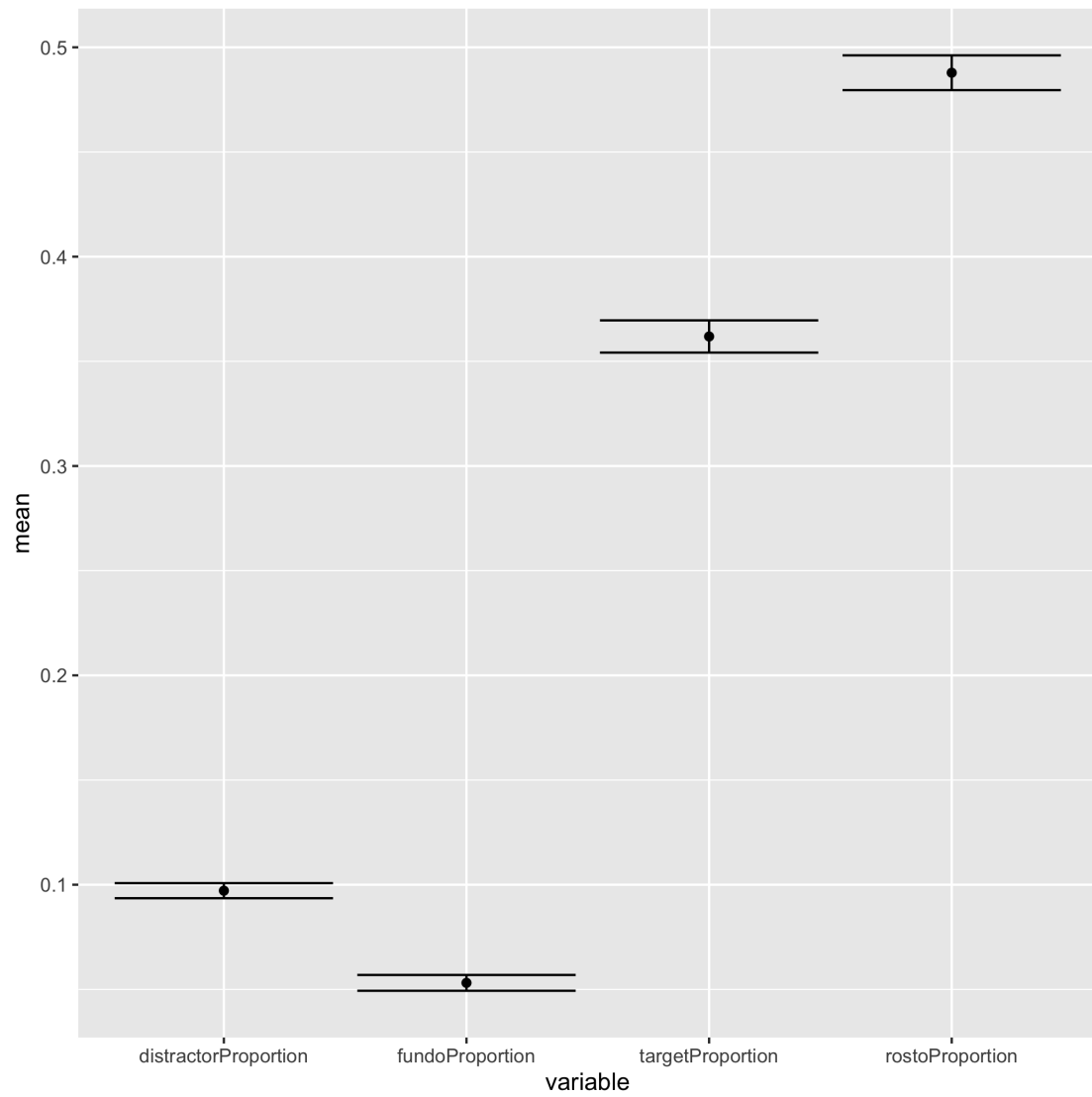




Figure 7: Visualizing interaction condition and variable

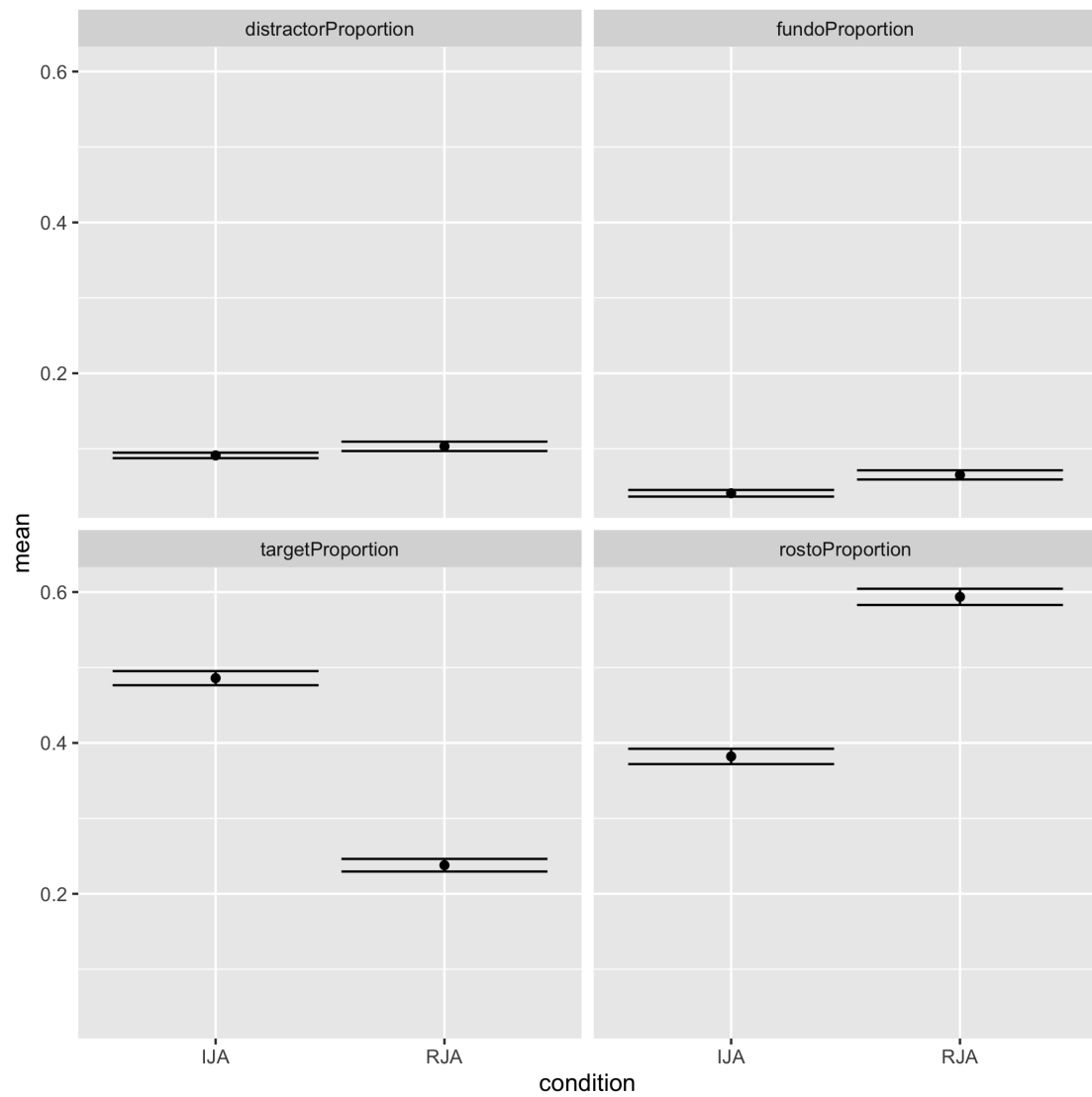


Figure 8: Visualizing interaction tea variable

