

# Relatório 13

## ROC curves

Pedro A. S. O. Neto

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### 1 Final ANOVAS

Descriptive of the sample.

	sexo	tea	sdAgeJA	meanAgeJA	N
1	F	TD	1.00	2.89	188
2	F	TEA		2.00	1
3	F	nonTD	0.83	3.03	5
4	F	other	1.59	2.54	2
5	F		1.06	3.38	4
6	M	TD	1.04	2.78	203
7	M	TEA	0.84	2.93	22
8	M	nonTD	0.69	3.48	8
9	M	other	0.74	3.15	4
10	M		0.83	3.05	7
11	nan				3

Figure 1: ANOVA alternancias

#### ANOVA Table (type III tests)

	Effect	DFn	DFd	F	p	p<.05	ges
1	tea	2.00	424.00	4.559	1.10e-02	*	0.006
2	condition	1.00	424.00	24.739	9.55e-07	*	0.009
3	variable	1.72	727.61	132.646	4.72e-44	*	0.088
4	tea:condition	2.00	424.00	1.423	2.42e-01		0.001
5	tea:variable	3.43	727.61	1.896	1.20e-01		0.003
6	condition:variable	1.94	821.67	34.990	6.26e-15	*	0.019
7	tea:condition:variable	3.88	821.67	0.954	4.30e-01		0.001

Figure 2: Main effect of TEA on alternancia

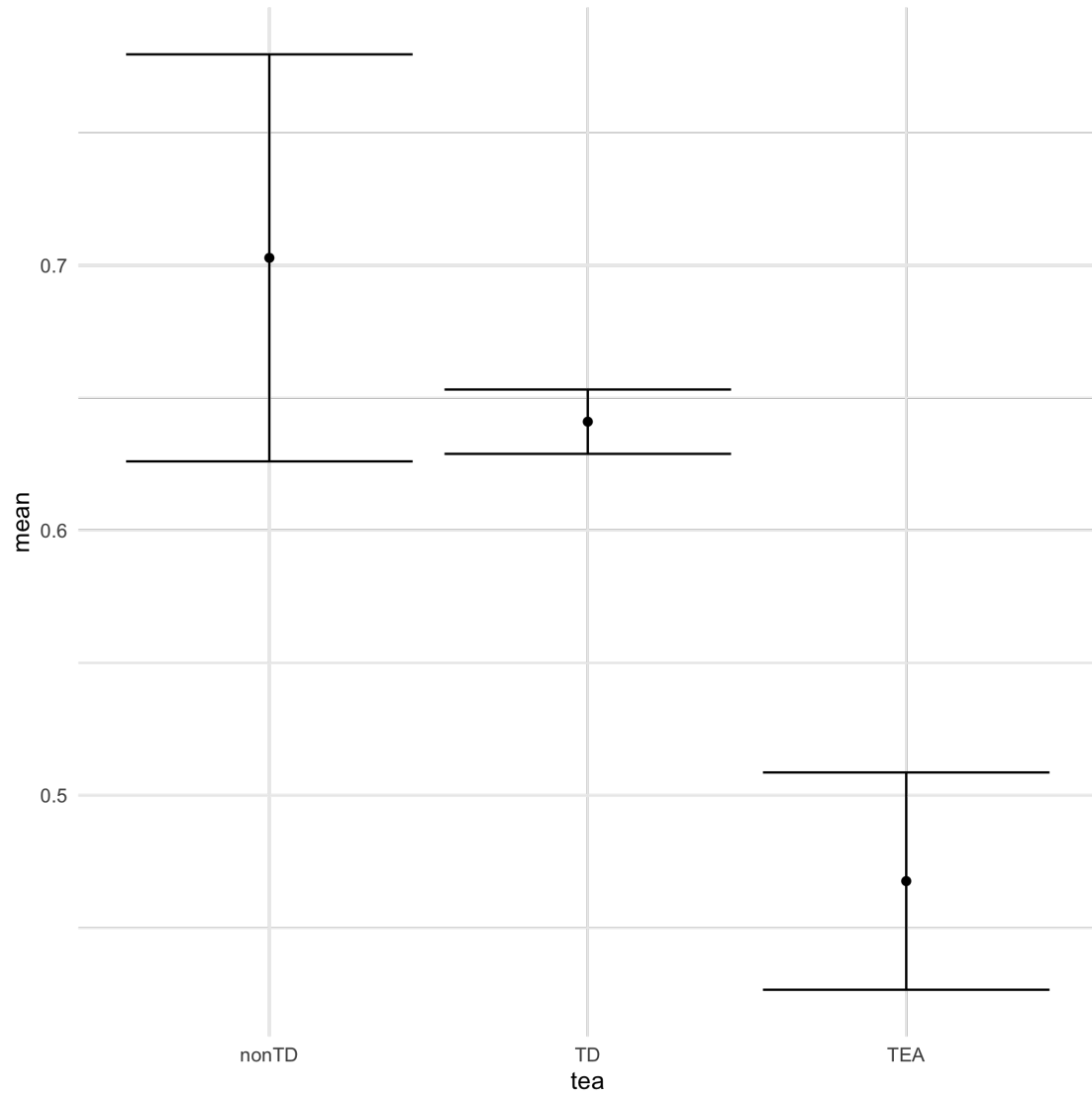


Table 1: Main effect of TEA on alternancia

	tea	mean	stder
1	nonTD	0.70	0.08
2	TD	0.64	0.01
3	TEA	0.47	0.04

Figure 3: Main effect of variable on alternancia

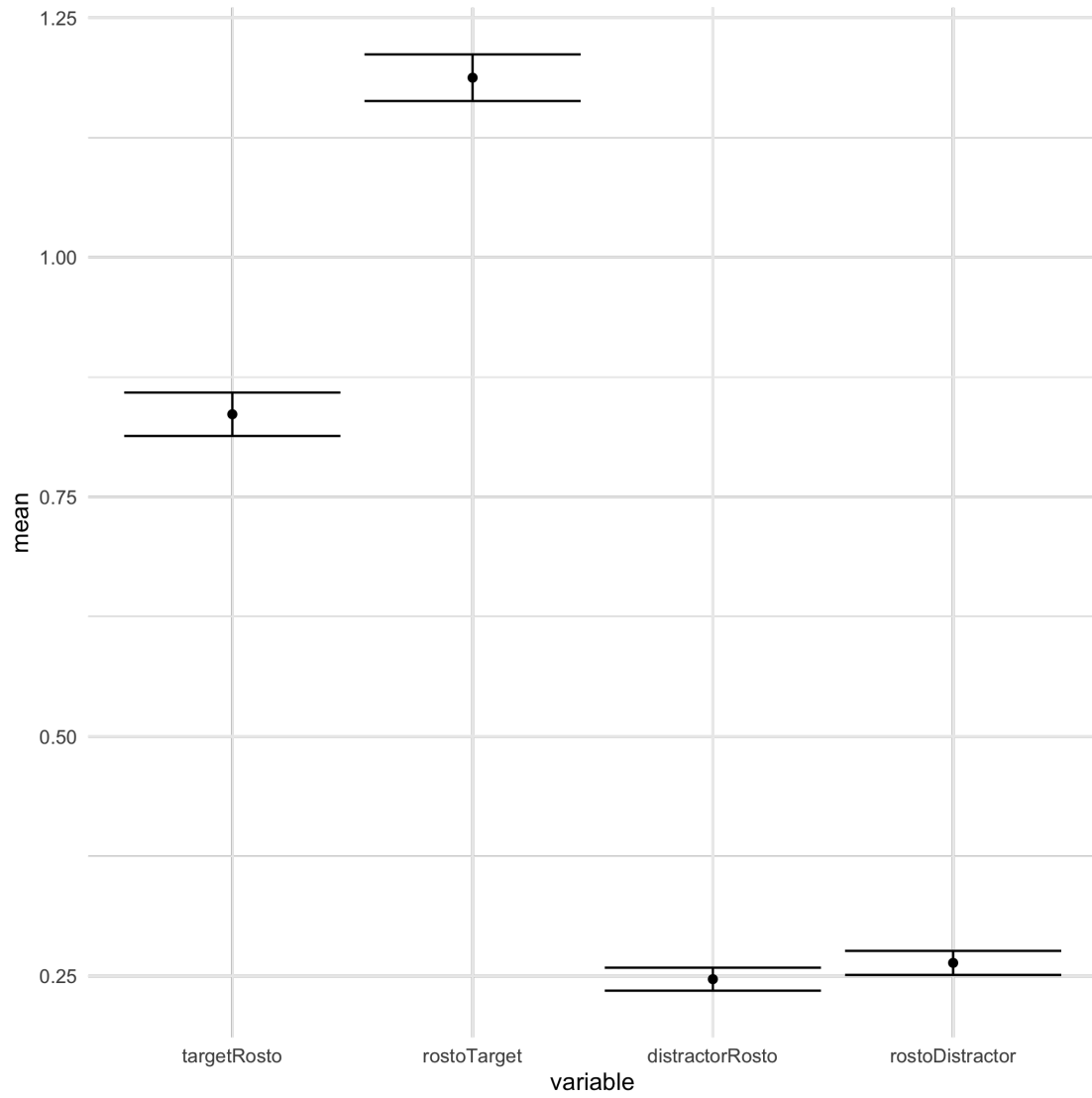


Table 2: Main effect of variable on alternancia

	variable	mean	std
1	targetRosto	0.84	0.02
2	rostoTarget	1.19	0.02
3	distractorRosto	0.25	0.01
4	rostoDistractor	0.26	0.01

Figure 4: Interaction of condition and variable on alternancia

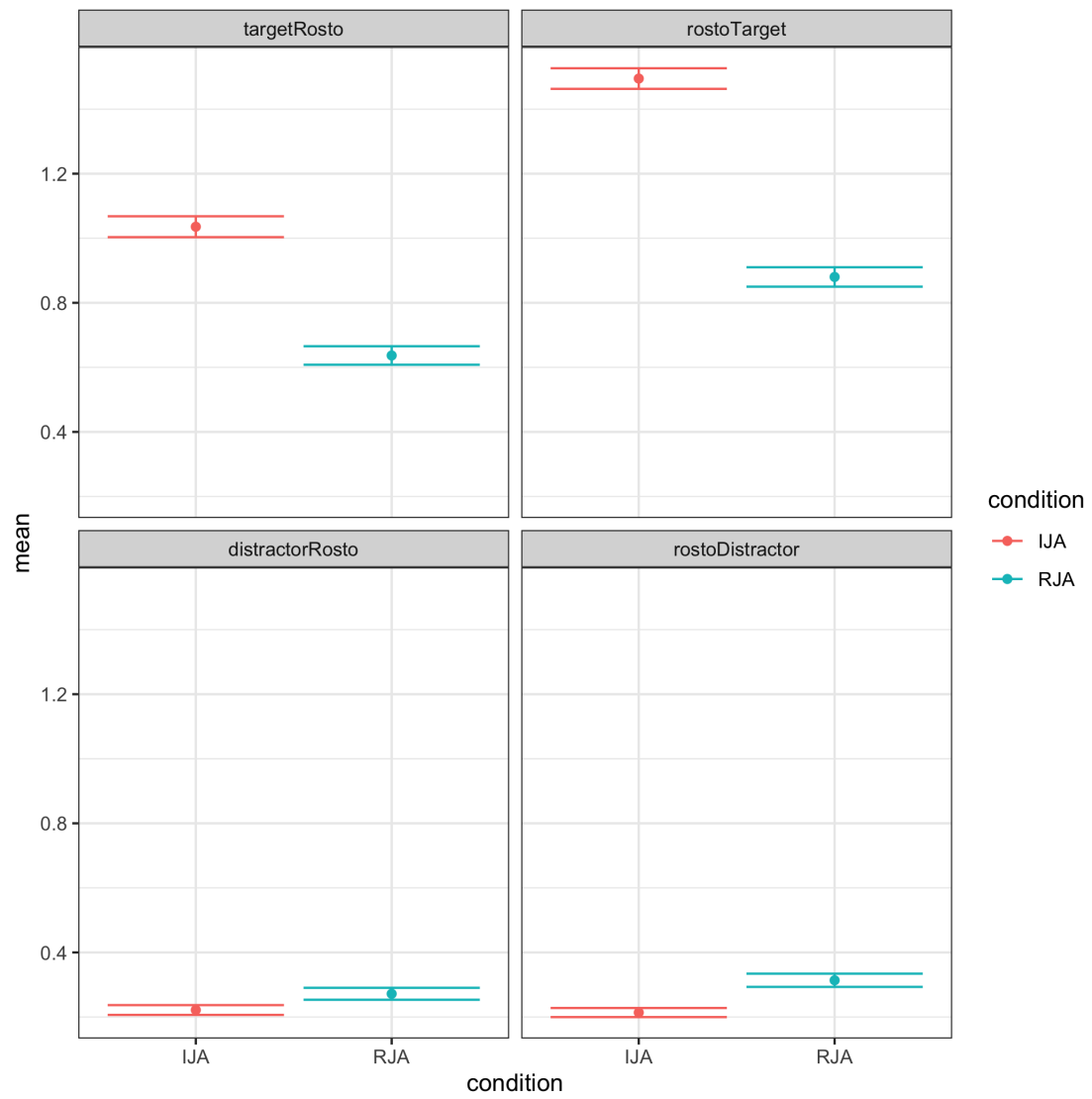


Table 3: Interaction of condition and variable on alternancia

	condition	variable	mean	stder
1	IJA	targetRosto	1.04	0.03
2	IJA	rostoTarget	1.49	0.03
3	IJA	distractorRosto	0.22	0.02
4	IJA	rostoDistractor	0.21	0.01
5	RJA	targetRosto	0.64	0.03
6	RJA	rostoTarget	0.88	0.03
7	RJA	distractorRosto	0.27	0.02
8	RJA	rostoDistractor	0.31	0.02

Figure 5: Interaction of condition, variable and TEA. \*Not statistically significant.

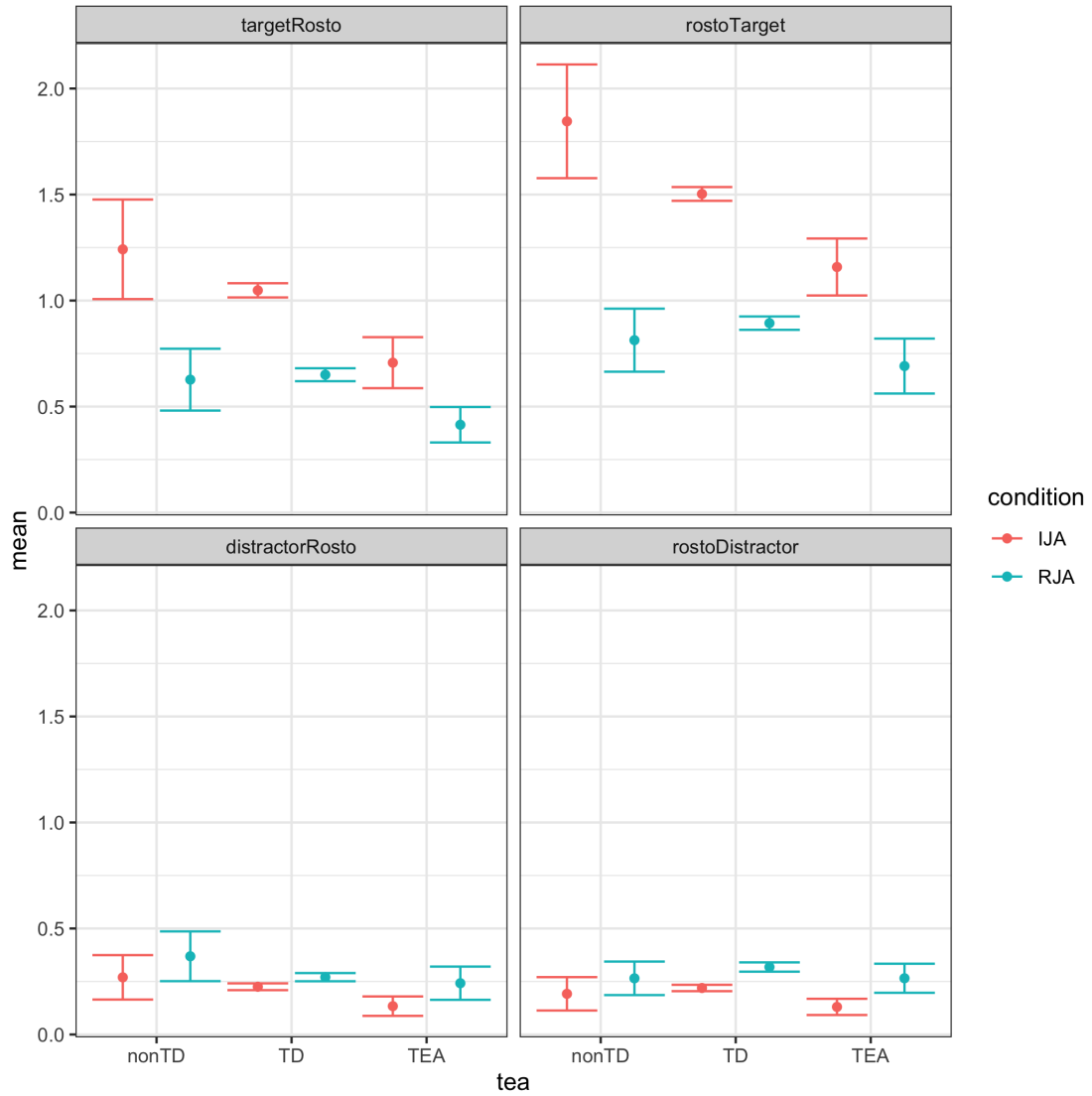


Table 4: Interaction of condition, variable and TEA. \*Not statistically significant.

	condition	variable	tea	mean	stder
1	IJA	targetRosto	nonTD	1.24	0.23
2	IJA	targetRosto	TD	1.05	0.03
3	IJA	targetRosto	TEA	0.71	0.12
4	IJA	rostoTarget	nonTD	1.85	0.27
5	IJA	rostoTarget	TD	1.50	0.03
6	IJA	rostoTarget	TEA	1.16	0.13
7	IJA	distractorRosto	nonTD	0.27	0.10
8	IJA	distractorRosto	TD	0.23	0.02
9	IJA	distractorRosto	TEA	0.13	0.05
10	IJA	rostoDistractor	nonTD	0.19	0.08
11	IJA	rostoDistractor	TD	0.22	0.01
12	IJA	rostoDistractor	TEA	0.13	0.04
13	RJA	targetRosto	nonTD	0.63	0.15
14	RJA	targetRosto	TD	0.65	0.03
15	RJA	targetRosto	TEA	0.41	0.08
16	RJA	rostoTarget	nonTD	0.81	0.15
17	RJA	rostoTarget	TD	0.89	0.03
18	RJA	rostoTarget	TEA	0.69	0.13
19	RJA	distractorRosto	nonTD	0.37	0.12
20	RJA	distractorRosto	TD	0.27	0.02
21	RJA	distractorRosto	TEA	0.24	0.08
22	RJA	rostoDistractor	nonTD	0.26	0.08
23	RJA	rostoDistractor	TD	0.32	0.02
24	RJA	rostoDistractor	TEA	0.27	0.07

Figure 6: ANOVA result for proportions

## ANOVA Table (type III tests)

	Effect	DFn	DFd	F	p	p<.05	ges
1	tea	2.00	424.00	-6.27000e-14	1.00e+00		4.28e-33
2	condition	1.00	424.00	-1.97000e-13	1.00e+00		1.80e-32
3	variable	1.85	786.10	1.43691e+02	1.04e-50	*	1.88e-01
4	tea:condition	2.00	424.00	-2.42000e-14	1.00e+00		4.41e-33
5	tea:variable	3.71	786.10	2.89500e+00	2.50e-02	*	9.00e-03
6	condition:variable	1.86	789.74	7.01020e+01	4.18e-27	*	5.00e-02
7	tea:condition:variable	3.73	789.74	5.54000e-01	6.84e-01		8.22e-04

Figure 7: Main effect of variable on proportion

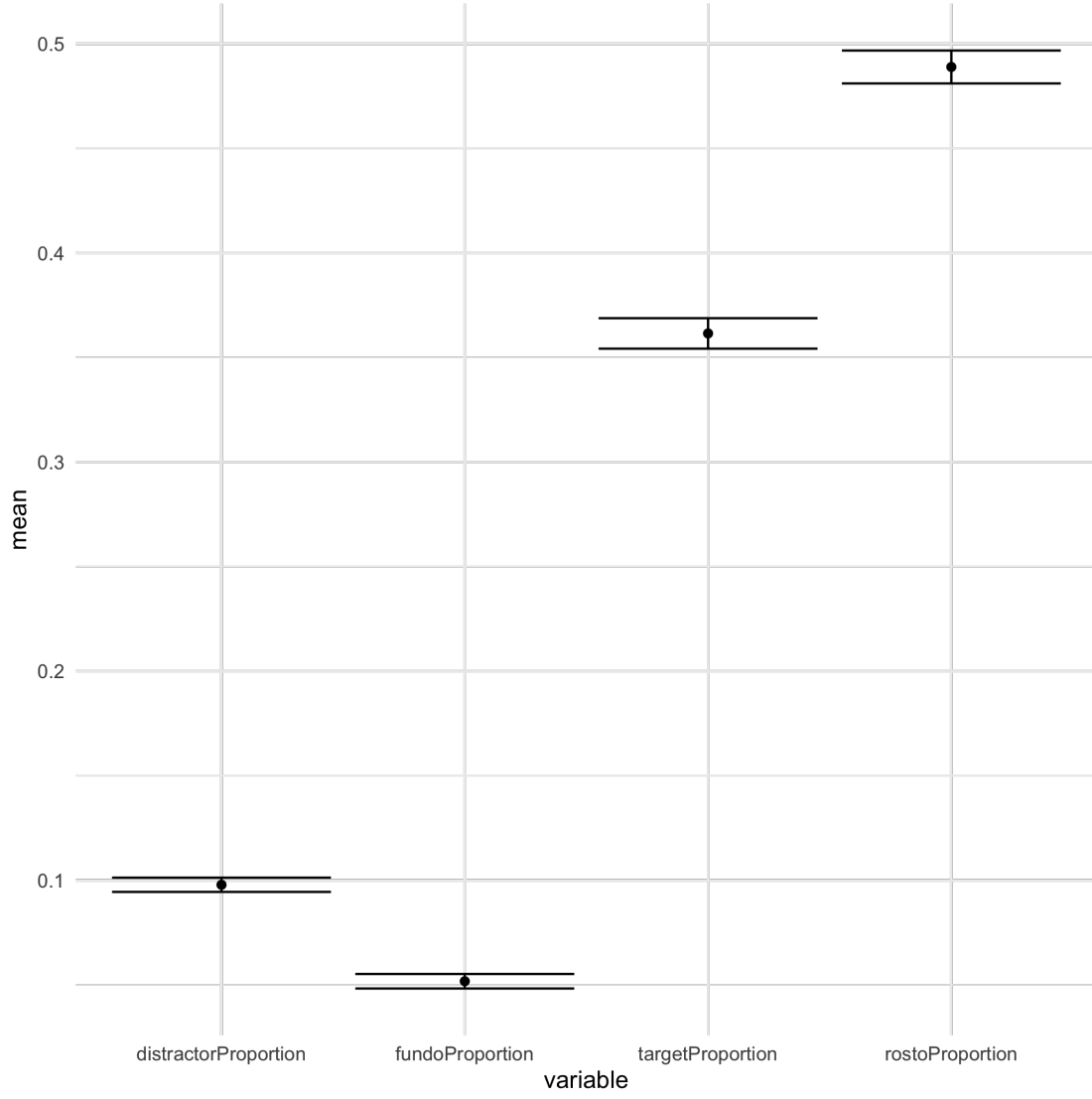


Table 5: Main effect of variable on proportion

	variable	mean	stder
1	distractorProportion	0.10	0.00
2	fundoProportion	0.05	0.00
3	targetProportion	0.36	0.01
4	rostoProportion	0.49	0.01

Figure 8: Interaction of tea and variable on proportion

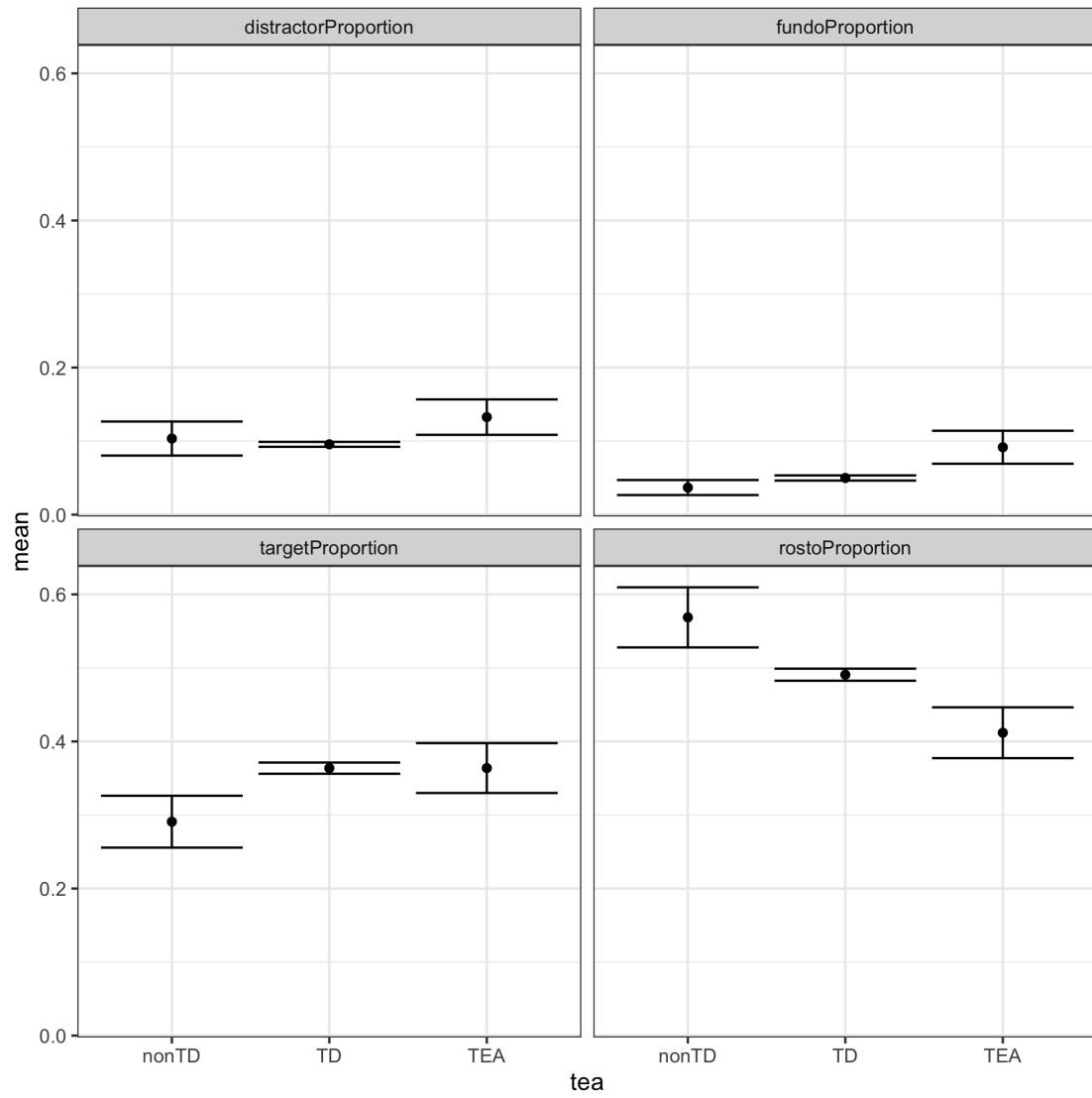




Table 6: Interaction of variable and TEA on proportion

	variable	tea	mean	stderr
1	distractorProportion	nonTD	0.10	0.02
2	distractorProportion	TD	0.10	0.00
3	distractorProportion	TEA	0.13	0.02
4	fundoProportion	nonTD	0.04	0.01
5	fundoProportion	TD	0.05	0.00
6	fundoProportion	TEA	0.09	0.02
7	targetProportion	nonTD	0.29	0.04
8	targetProportion	TD	0.36	0.01
9	targetProportion	TEA	0.36	0.03
10	rostoProportion	nonTD	0.57	0.04
11	rostoProportion	TD	0.49	0.01
12	rostoProportion	TEA	0.41	0.03

Figure 9: Interaction of condition and variable on proportion

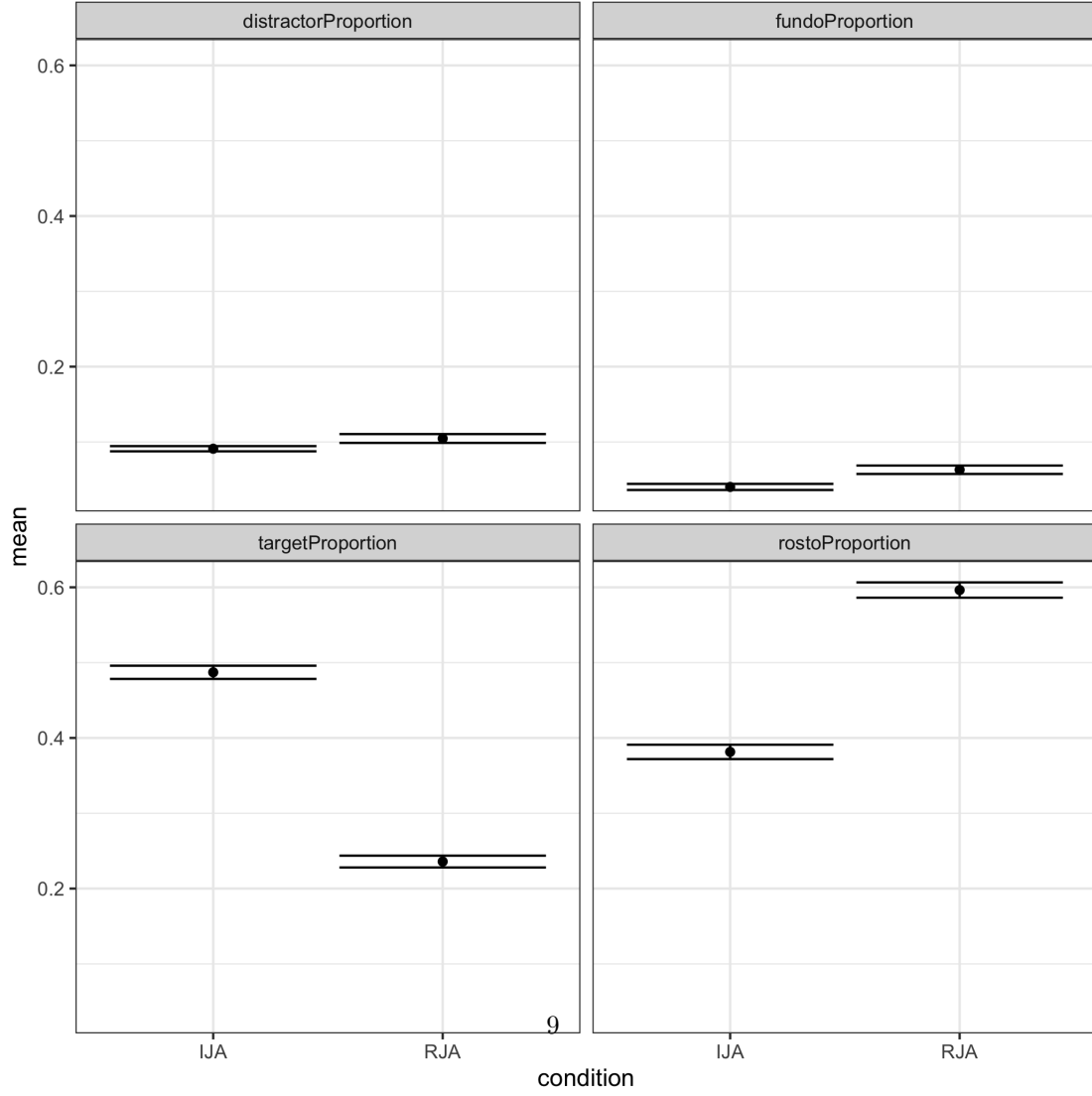


Table 7: Interaction of condition and variable on proportion

	condition	variable	mean	stder
1	IJA	distractorProportion	0.09	0.00
2	IJA	fundoProportion	0.04	0.00
3	IJA	targetProportion	0.49	0.01
4	IJA	rostoProportion	0.38	0.01
5	RJA	distractorProportion	0.10	0.01
6	RJA	fundoProportion	0.06	0.01
7	RJA	targetProportion	0.24	0.01
8	RJA	rostoProportion	0.60	0.01

Figure 10: Interaction of condition, variable and TEA on proportion. \*not statistically significant.

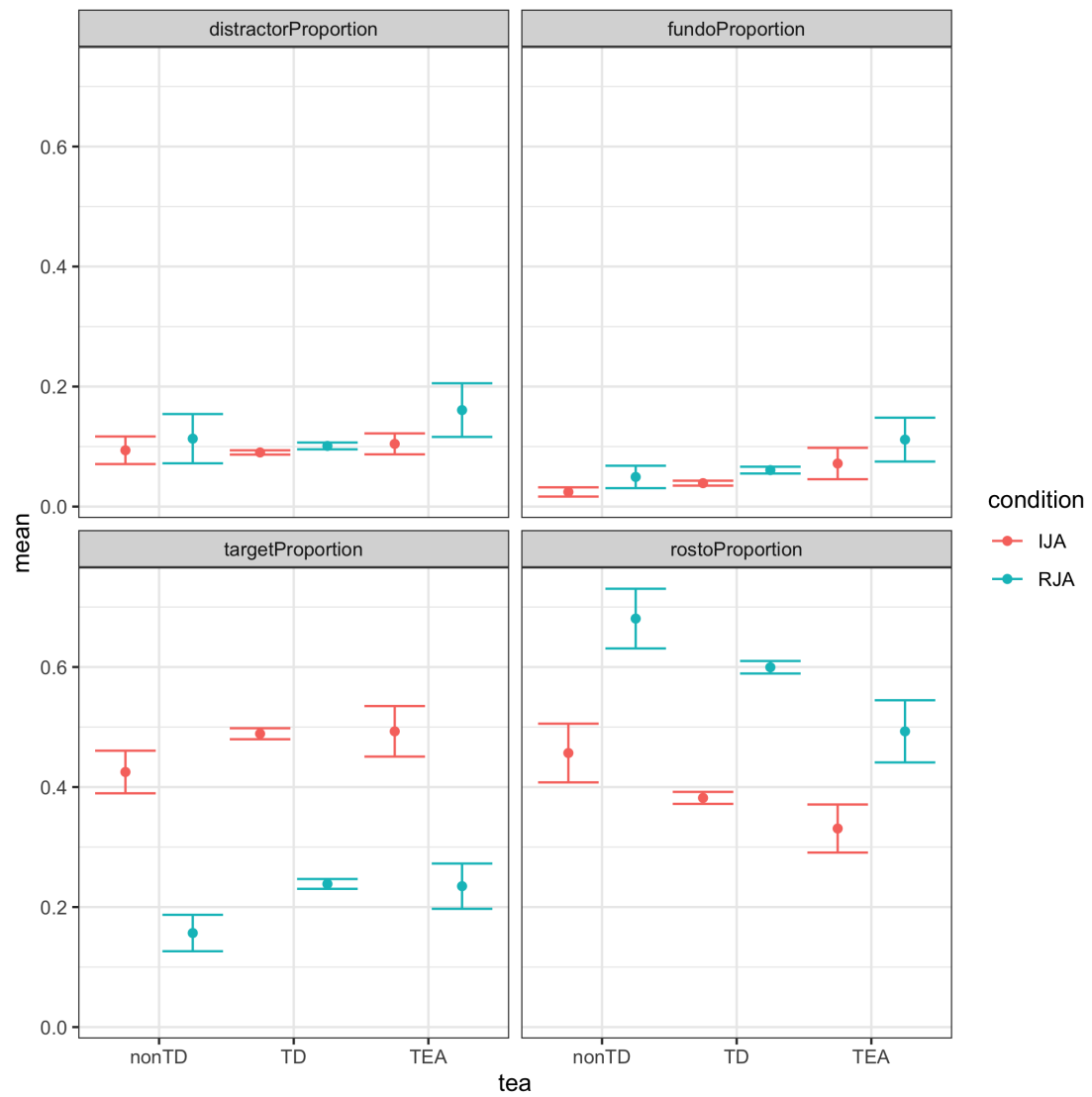


Table 8: Interaction of condition, variable and TEA. \*Not statistically significant.

	condition	variable	tea	mean	stder
1	IJA	distractorProportion	nonTD	0.09	0.02
2	IJA	distractorProportion	TD	0.09	0.00
3	IJA	distractorProportion	TEA	0.10	0.02
4	IJA	fundoProportion	nonTD	0.02	0.01
5	IJA	fundoProportion	TD	0.04	0.00
6	IJA	fundoProportion	TEA	0.07	0.03
7	IJA	targetProportion	nonTD	0.43	0.04
8	IJA	targetProportion	TD	0.49	0.01
9	IJA	targetProportion	TEA	0.49	0.04
10	IJA	rostoproportion	nonTD	0.46	0.05
11	IJA	rostoproportion	TD	0.38	0.01
12	IJA	rostoproportion	TEA	0.33	0.04
13	RJA	distractorProportion	nonTD	0.11	0.04
14	RJA	distractorProportion	TD	0.10	0.01
15	RJA	distractorProportion	TEA	0.16	0.04
16	RJA	fundoProportion	nonTD	0.05	0.02
17	RJA	fundoProportion	TD	0.06	0.01
18	RJA	fundoProportion	TEA	0.11	0.04
19	RJA	targetProportion	nonTD	0.16	0.03
20	RJA	targetProportion	TD	0.24	0.01
21	RJA	targetProportion	TEA	0.23	0.04
22	RJA	rostoproportion	nonTD	0.68	0.05
23	RJA	rostoproportion	TD	0.60	0.01
24	RJA	rostoproportion	TEA	0.49	0.05