

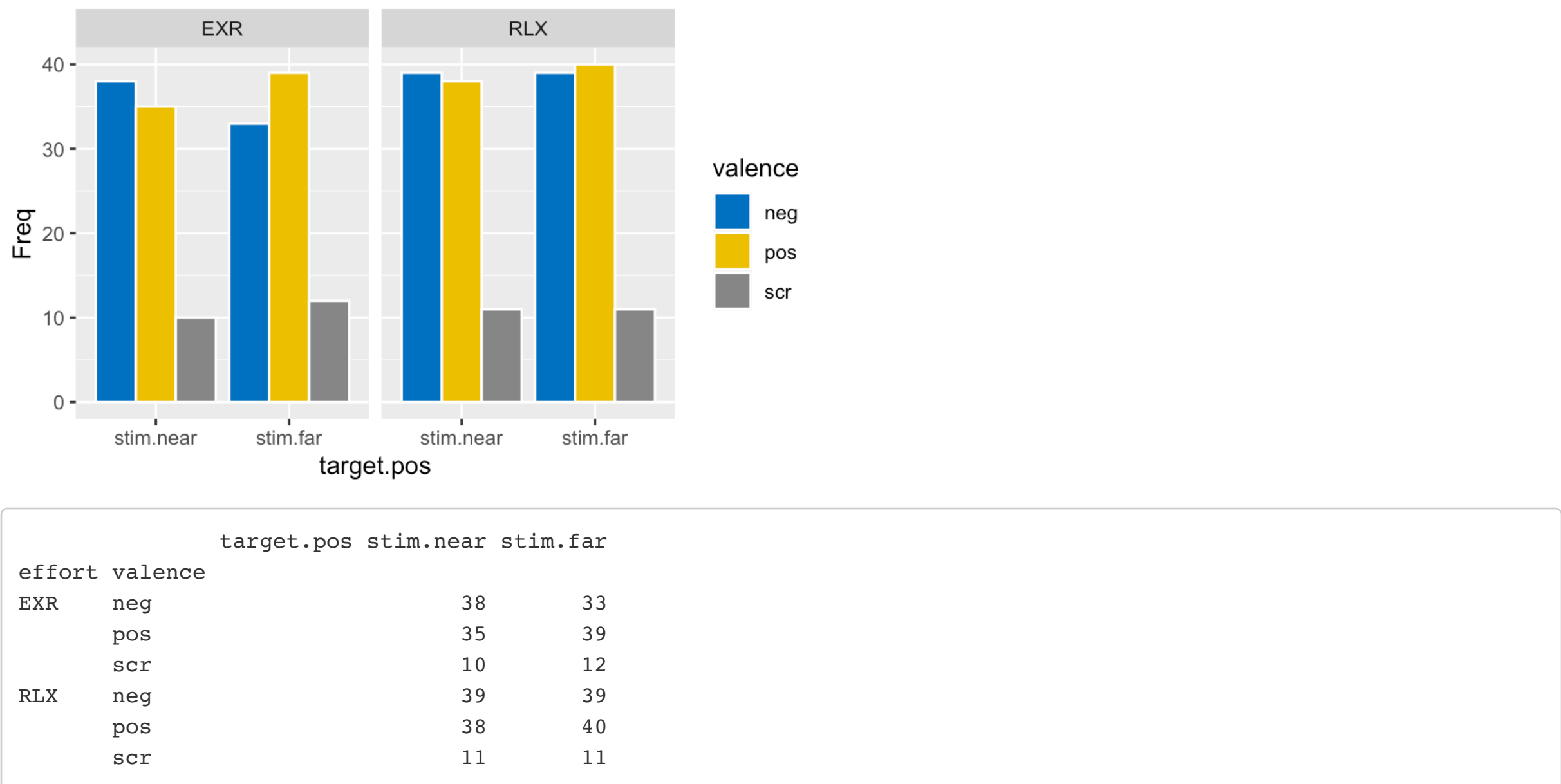
EXP3 pilot, version 3 (invested effort)

Subject 08

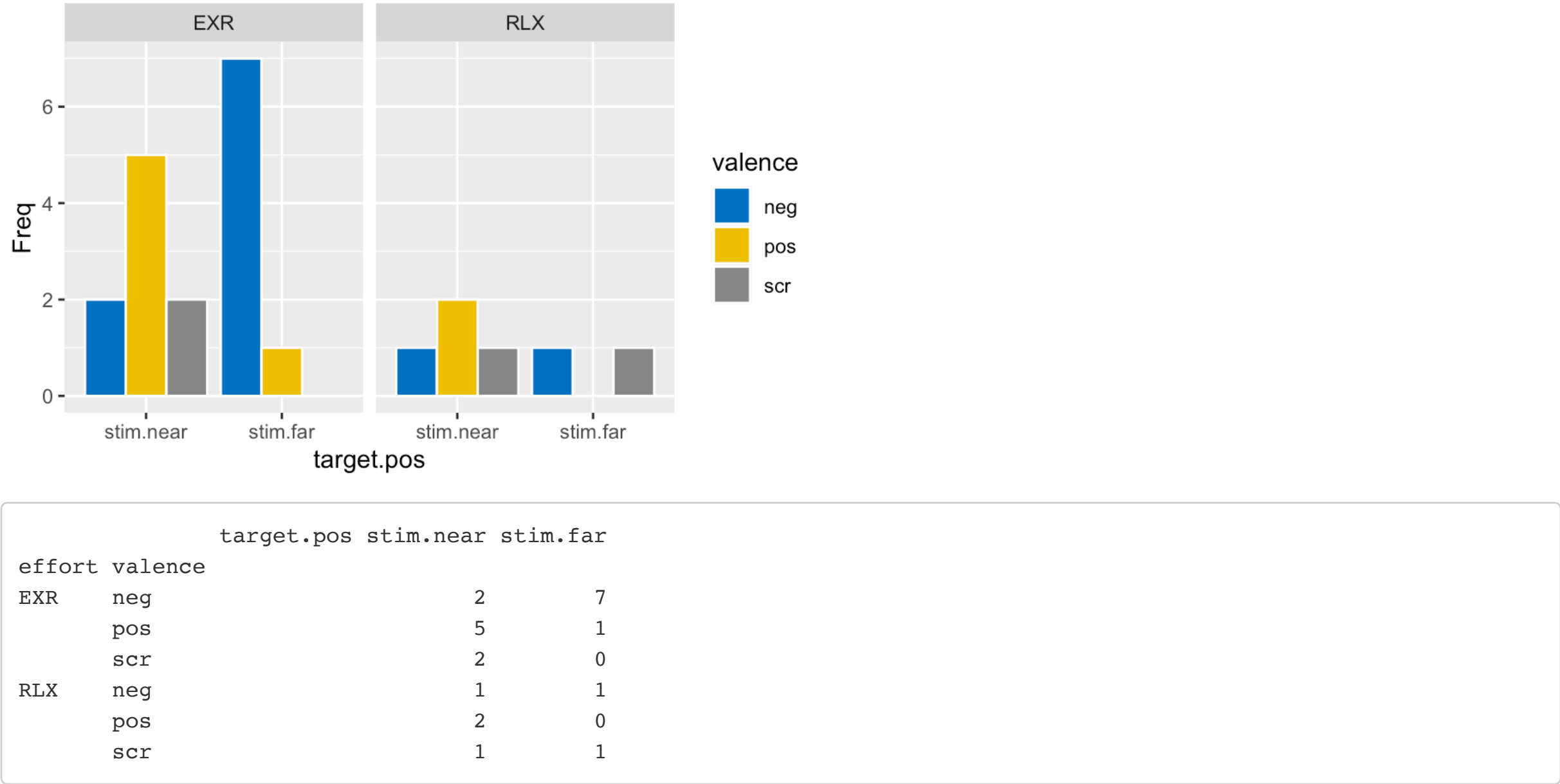
Abbreviations:

- *neg*, *pos*, *scr*: negative, positive, and scrambled faces, respectively
- *stim.near*, *stim.far*: position of the target (red ball) with respect to the face stimulus (*stim.near* = near the face stimulus)
- *EXR*, *RLX*: level of invested effort (EXR=max, RLX=min)

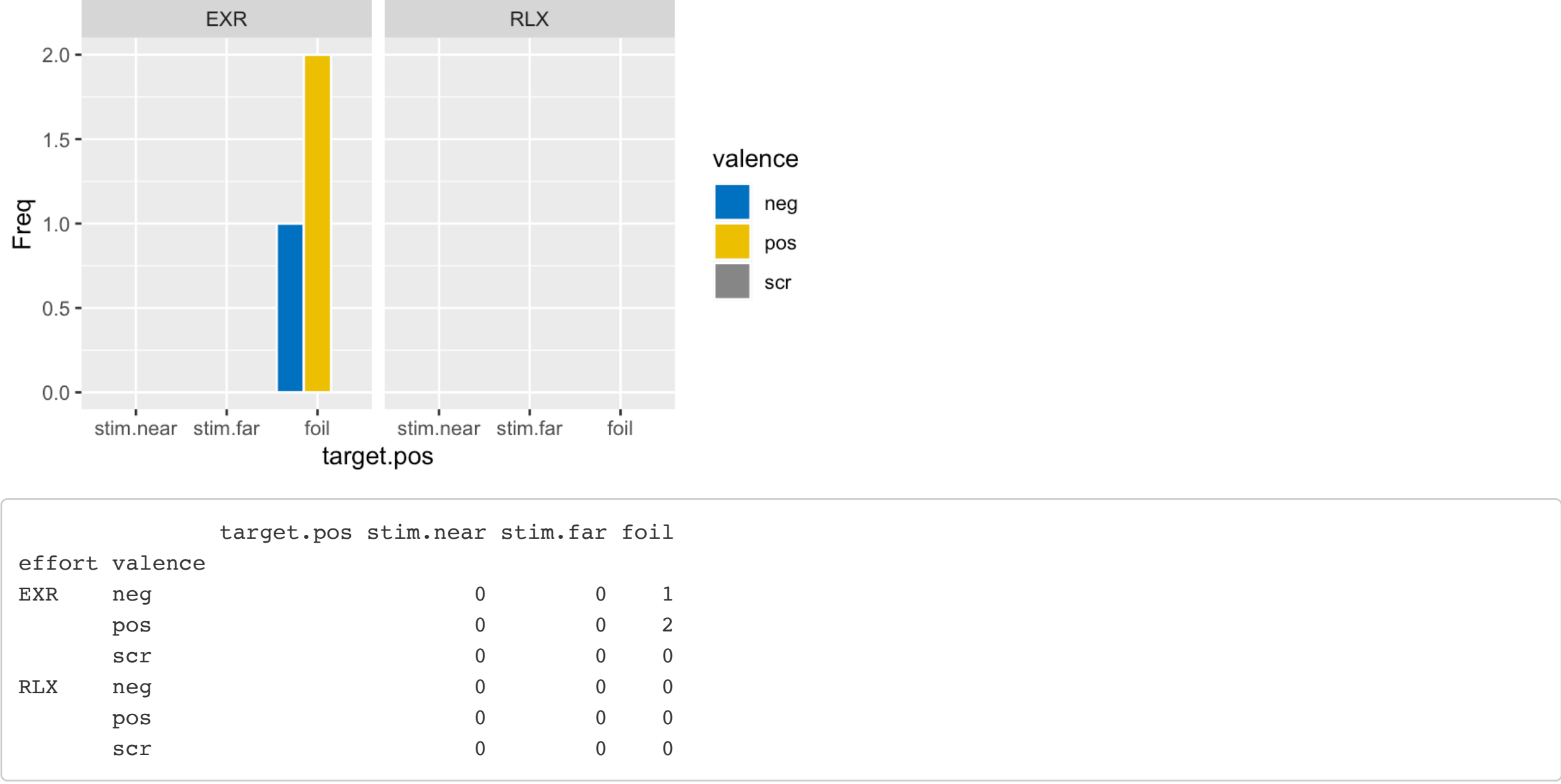
Number of correct responses



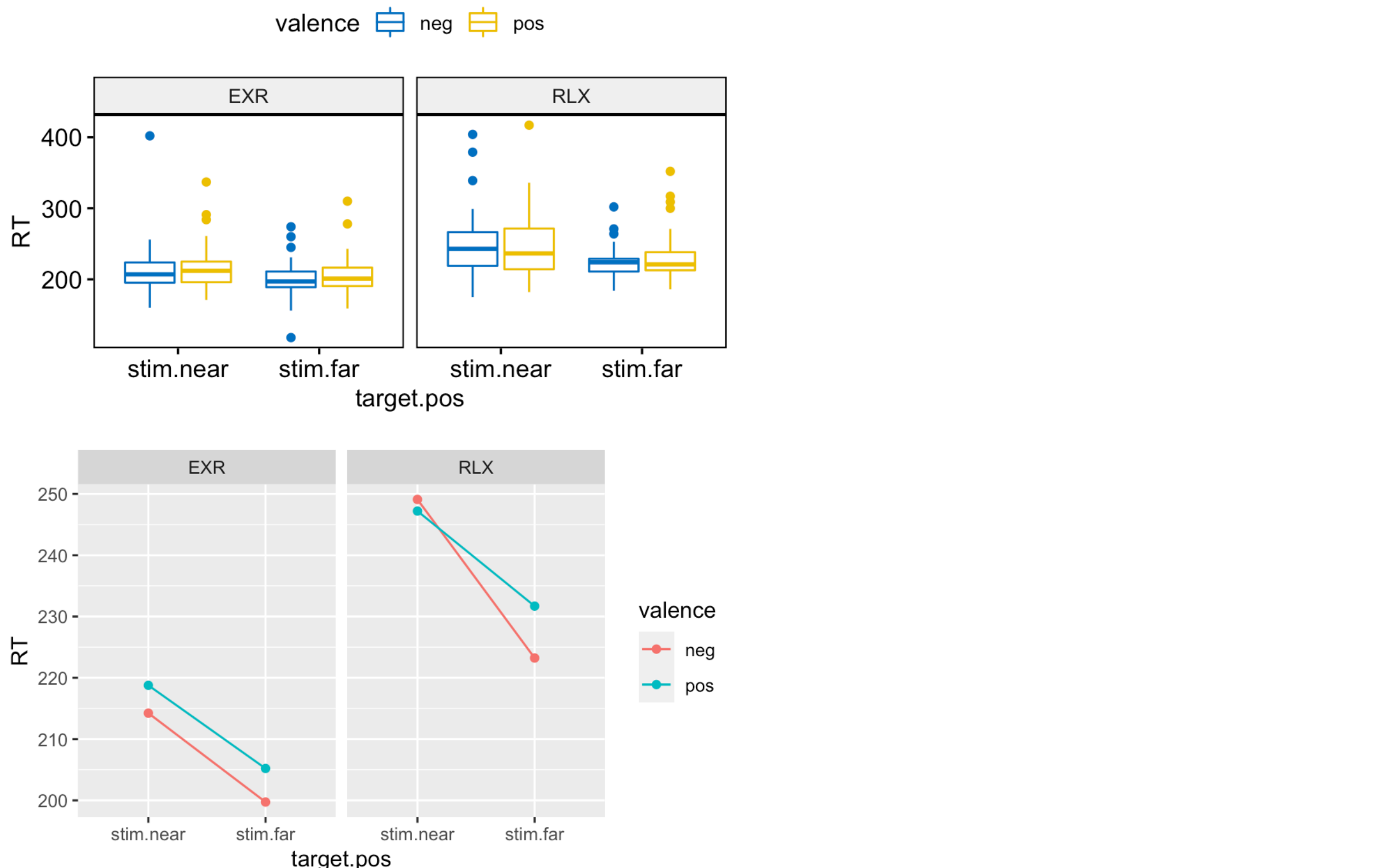
Number of errors of omission



Number of errors of commission



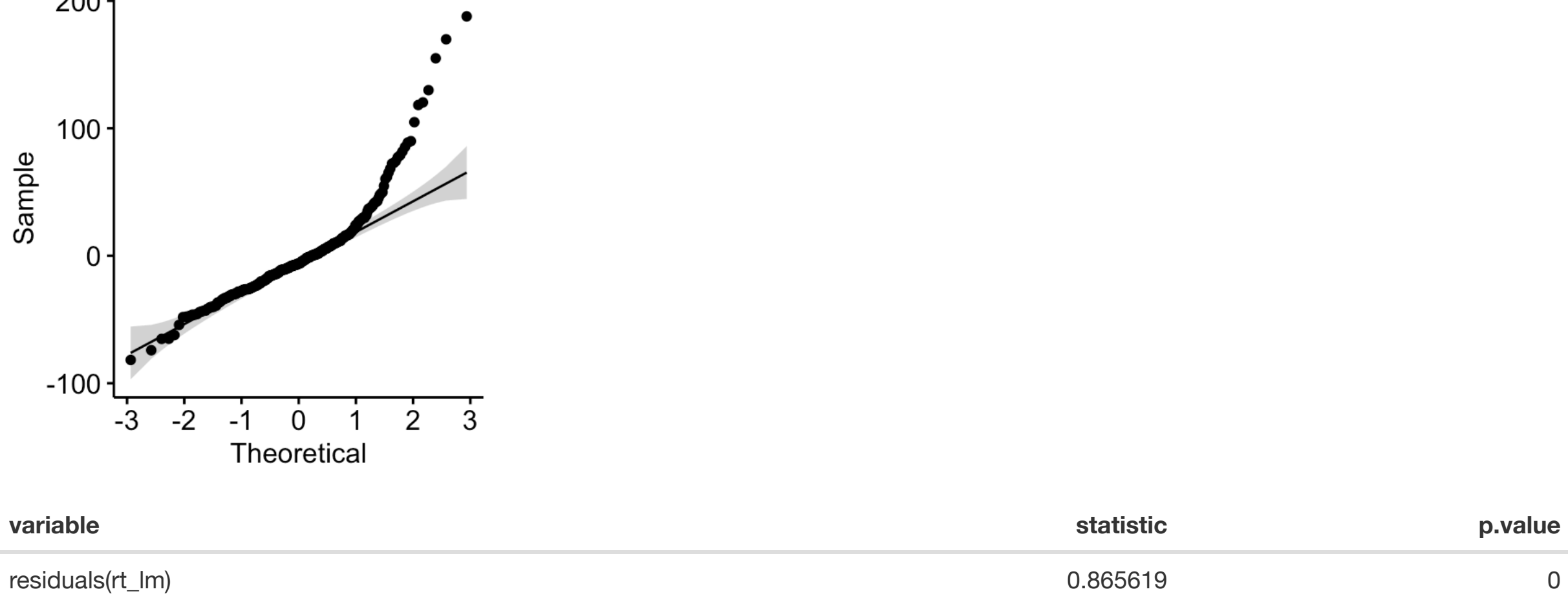
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	8	1	402	TRUE	TRUE
2	pos	EXR	stim.near	7	1	337	TRUE	TRUE
3	pos	EXR	stim.near	8	1	291	TRUE	FALSE
4	pos	EXR	stim.near	7	1	284	TRUE	FALSE
5	neg	EXR	stim.far	1	1	118	TRUE	TRUE
6	neg	EXR	stim.far	4	1	245	TRUE	FALSE
7	neg	EXR	stim.far	8	1	274	TRUE	FALSE
8	neg	EXR	stim.far	1	1	260	TRUE	FALSE
9	pos	EXR	stim.far	8	1	310	TRUE	TRUE
10	pos	EXR	stim.far	4	1	278	TRUE	FALSE
11	neg	RLX	stim.near	7	1	379	TRUE	FALSE
12	neg	RLX	stim.near	2	1	339	TRUE	FALSE
13	neg	RLX	stim.near	4	1	404	TRUE	FALSE
14	pos	RLX	stim.near	7	1	417	TRUE	FALSE
15	neg	RLX	stim.far	1	1	264	TRUE	FALSE
16	neg	RLX	stim.far	2	1	271	TRUE	FALSE
17	neg	RLX	stim.far	4	1	302	TRUE	TRUE
18	pos	RLX	stim.far	1	1	352	TRUE	TRUE
19	pos	RLX	stim.far	7	1	309	TRUE	FALSE
20	pos	RLX	stim.far	4	1	317	TRUE	TRUE
21	pos	RLX	stim.far	4	1	300	TRUE	FALSE

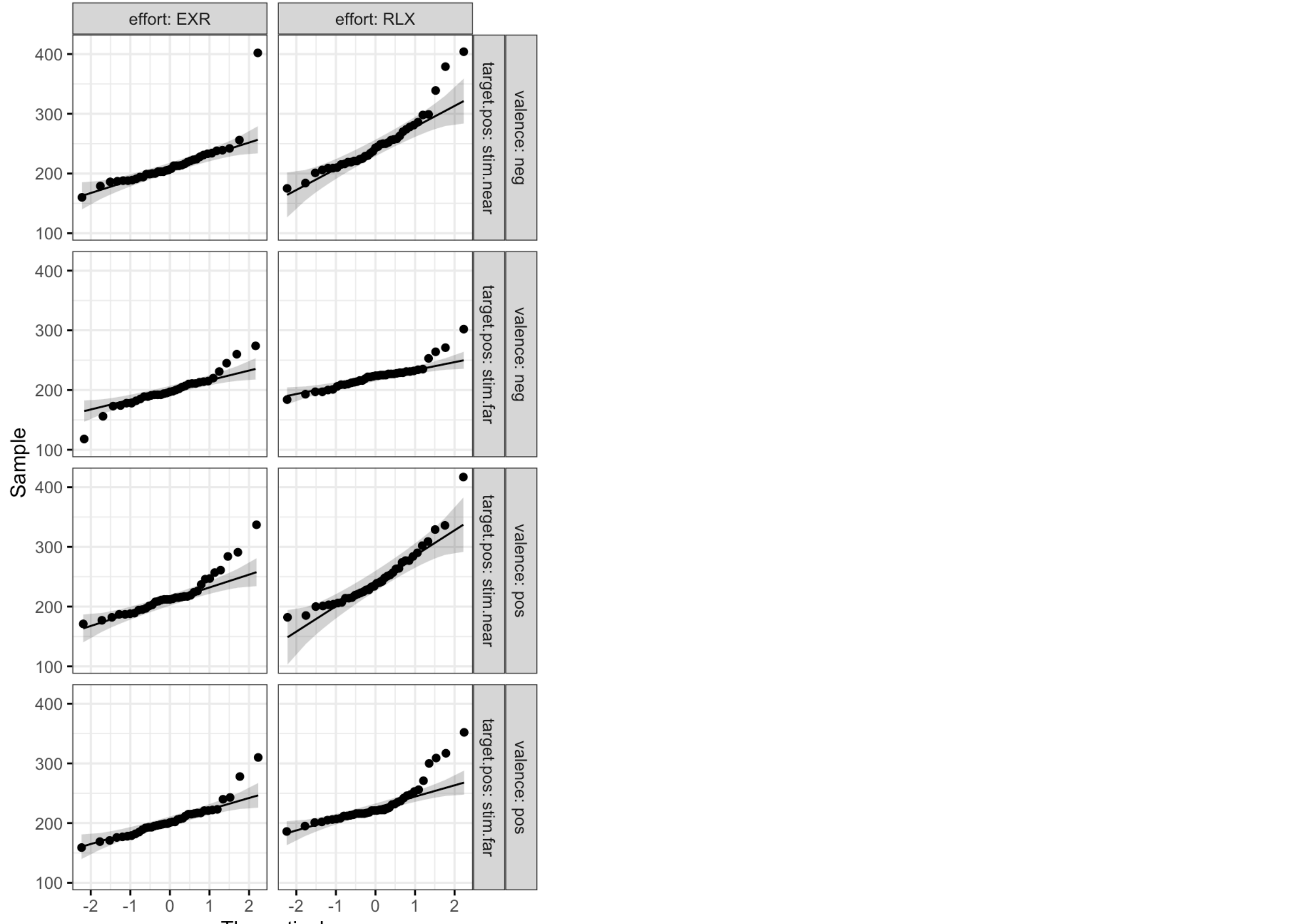
Normality check (Shapiro-Wilk)



Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.6710702	0.0000001
pos	EXR	stim.near	RT	0.8688796	0.0006375
neg	EXR	stim.far	RT	0.9352024	0.0493325
pos	EXR	stim.far	RT	0.8760914	0.0004877
neg	RLX	stim.near	RT	0.8833136	0.0007588
pos	RLX	stim.near	RT	0.8949119	0.0018368
neg	RLX	stim.far	RT	0.8805922	0.0006415
pos	RLX	stim.far	RT	0.7970257	0.0000059

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	293	2.574962	0.0137033

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	293	0.993	0.32		0.003
target.pos	1	293	17.67	3.49e-05	*	0.057
effort	1	293	46.6	5.02e-11	*	0.137
valence:target.pos	1	293	0.491	0.484		0.002
valence:effort	1	293	0.042	0.837		0.000144
target.pos:effort	1	293	0.628	0.429		0.002
valence:target.pos:effort	1	293	0.32	0.572		0.001

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	38	214.2	12.2
pos	EXR	stim.near	RT	35	218.8	11.87
neg	EXR	stim.far	RT	33	199.7	10.04
pos	EXR	stim.far	RT	39	205.2	9.177
neg	RLX	stim.near	RT	39	249.1	15.35
pos	RLX	stim.near	RT	38	247.2	15.59
neg	RLX	stim.far	RT	39	223.2	7.018
pos	RLX	stim.far	RT	40	231.7	11.1