

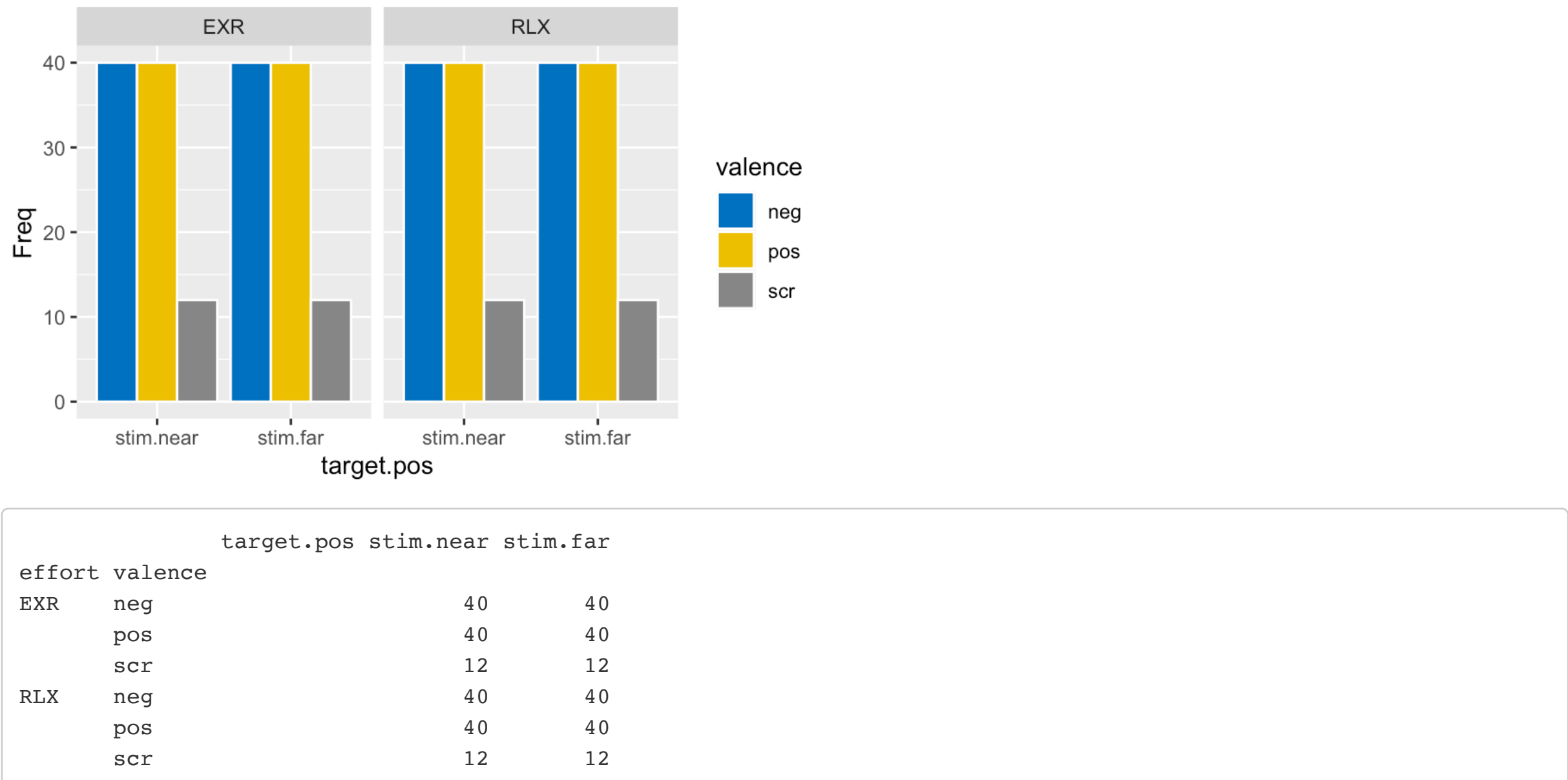
EXP3 pilot, version 3 (invested effort)

Subject 15

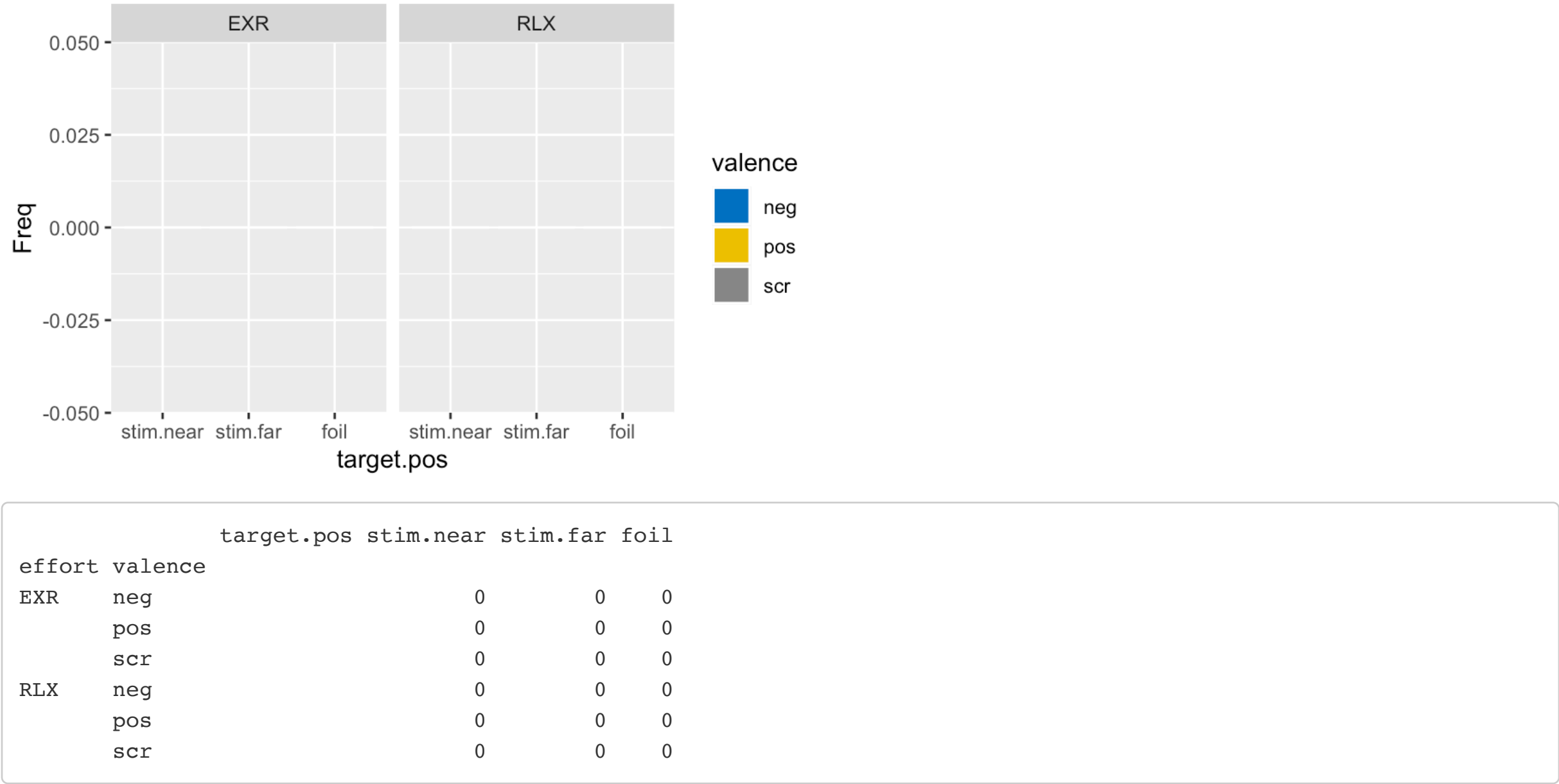
Abbreviations:

- *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



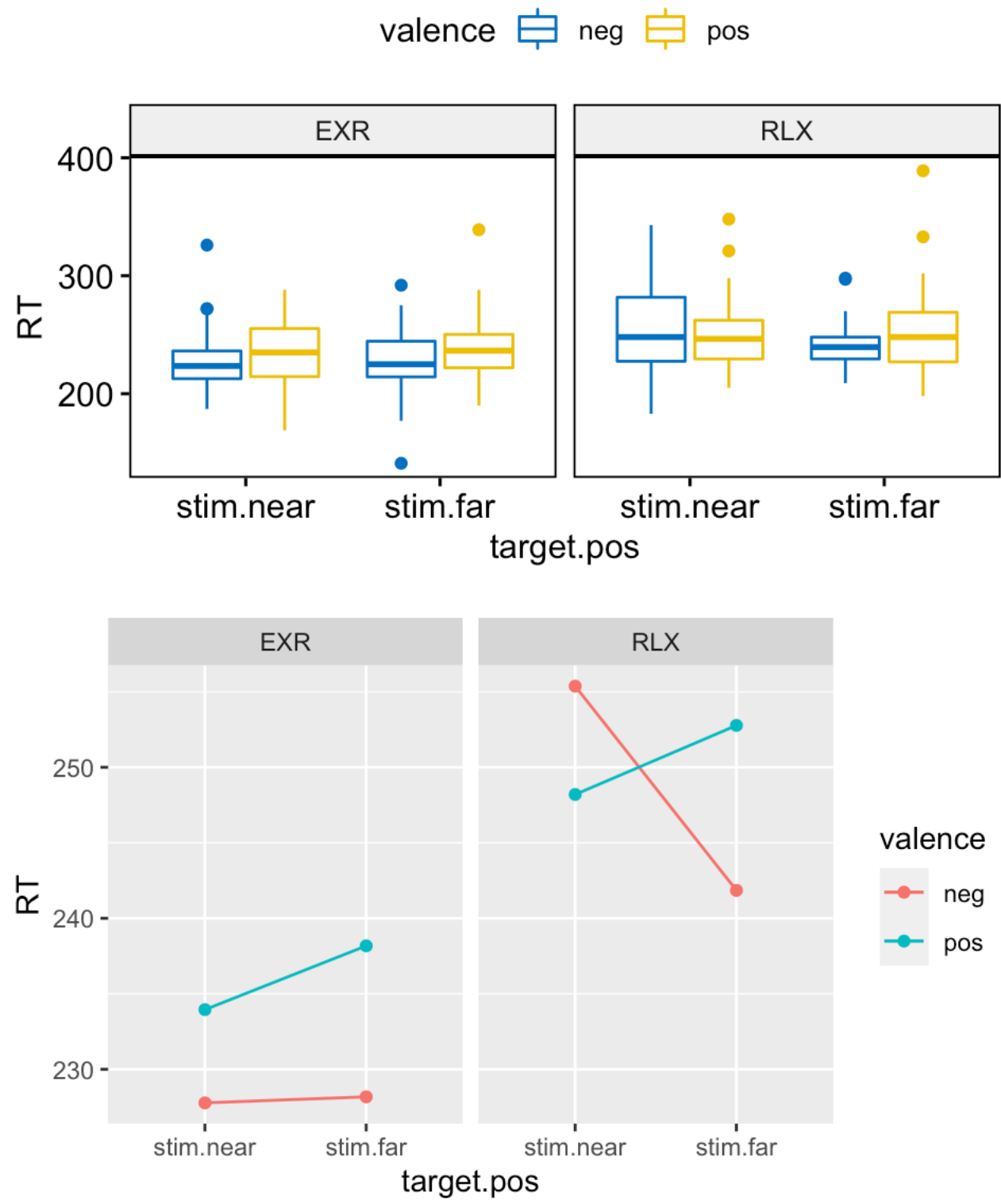
Number of errors of omission



Number of errors of commission



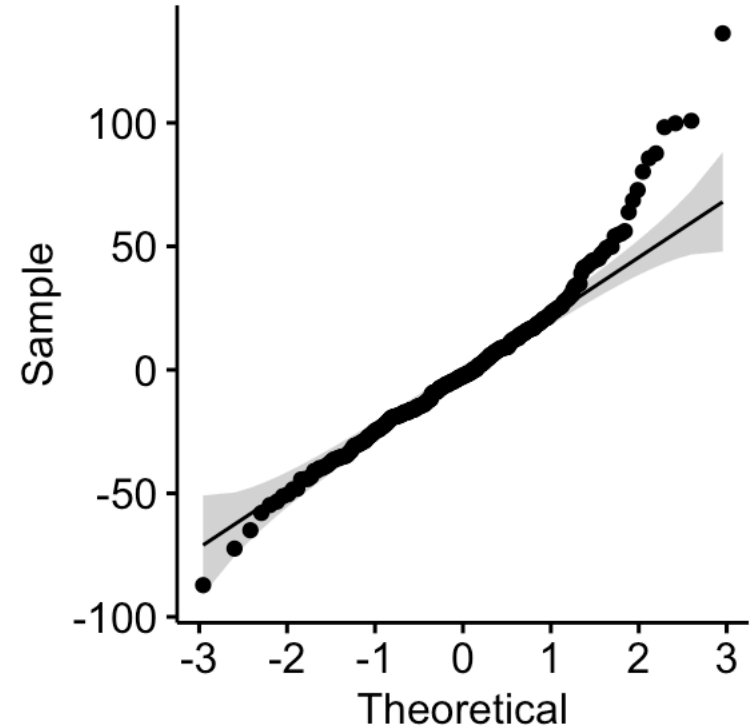
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	2	1	272	TRUE	FALSE
2	neg	EXR	stim.near	8	1	326	TRUE	TRUE
3	neg	EXR	stim.near	8	1	272	TRUE	FALSE
4	neg	EXR	stim.far	6	1	292	TRUE	FALSE
5	neg	EXR	stim.far	7	1	141	TRUE	FALSE
6	pos	EXR	stim.far	4	1	339	TRUE	TRUE
7	pos	RLX	stim.near	1	1	348	TRUE	FALSE
8	pos	RLX	stim.near	1	1	321	TRUE	FALSE
9	neg	RLX	stim.far	7	1	297	TRUE	FALSE
10	neg	RLX	stim.far	4	1	298	TRUE	FALSE
11	pos	RLX	stim.far	7	1	389	TRUE	FALSE
12	pos	RLX	stim.far	7	1	333	TRUE	FALSE

Normality check (Shapiro-Wilk)

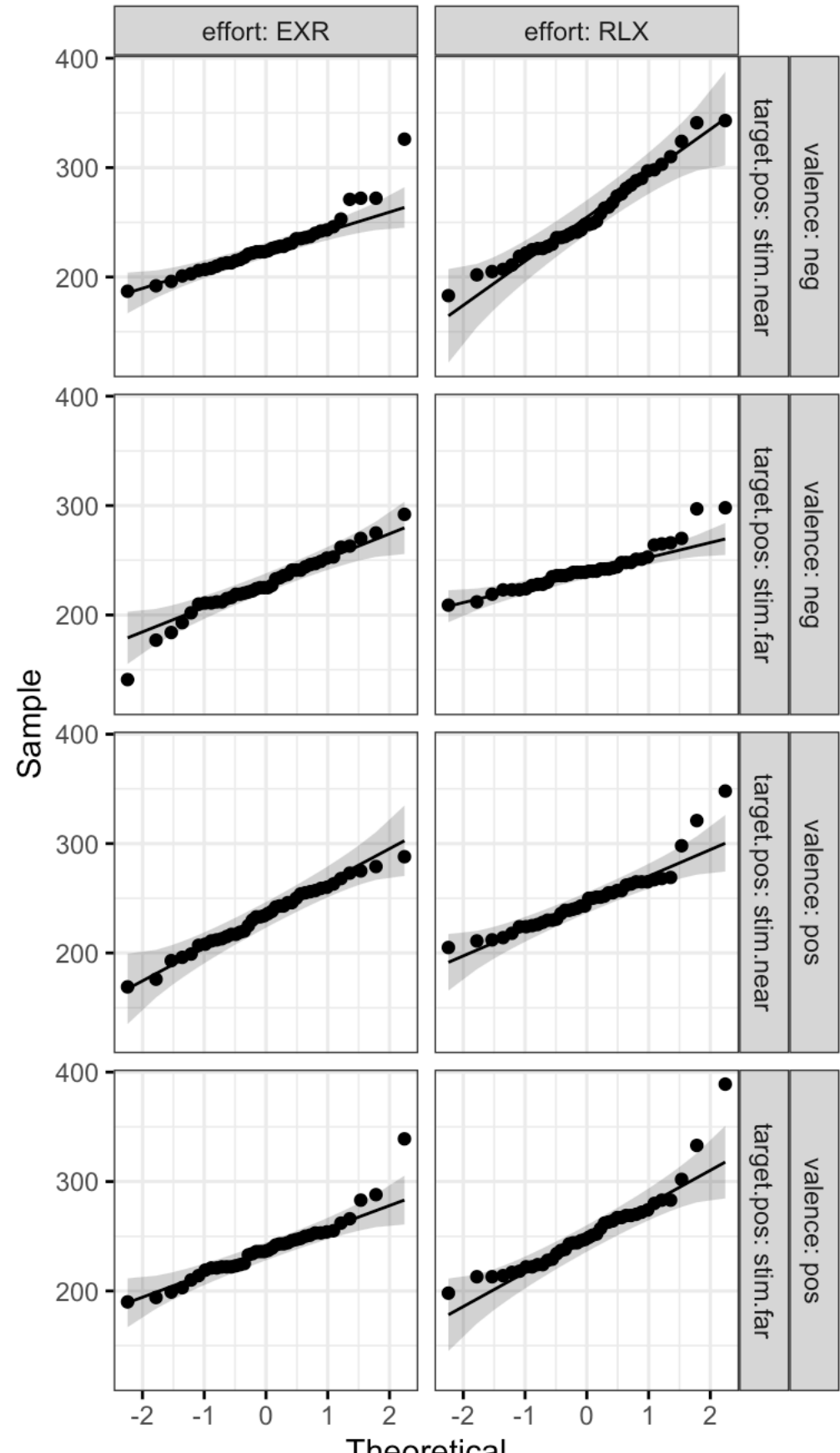


variable	statistic	p.value
residuals(rt_lm)	0.955806	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.8847842	0.0007103
pos	EXR	stim.near	RT	0.9864804	0.9063599
neg	EXR	stim.far	RT	0.9660949	0.2688799
pos	EXR	stim.far	RT	0.9137107	0.0049109
neg	RLX	stim.near	RT	0.9681365	0.3136562
pos	RLX	stim.near	RT	0.8891338	0.0009372
neg	RLX	stim.far	RT	0.9048331	0.0026507
pos	RLX	stim.far	RT	0.8788119	0.0004890

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	312	2.769634	0.0083183

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	312	2.344	0.127		0.007
target.pos	1	312	0.11	0.74		0.000354
effort	1	312	29.03	1.41e-07	*	0.085
valence:target.pos	1	312	2.838	0.093		0.009
valence:effort	1	312	0.911	0.341		0.003
target.pos:effort	1	312	1.088	0.298		0.003
valence:target.pos:effort	1	312	1.203	0.274		0.004

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	227.8	8.161
pos	EXR	stim.near	RT	40	234	8.92
neg	EXR	stim.far	RT	40	228.2	8.845
pos	EXR	stim.far	RT	40	238.2	8.636
neg	RLX	stim.near	RT	40	255.4	12.21
pos	RLX	stim.near	RT	40	248.2	9.04
neg	RLX	stim.far	RT	40	241.8	6.026
pos	RLX	stim.far	RT	40	252.8	11.27