

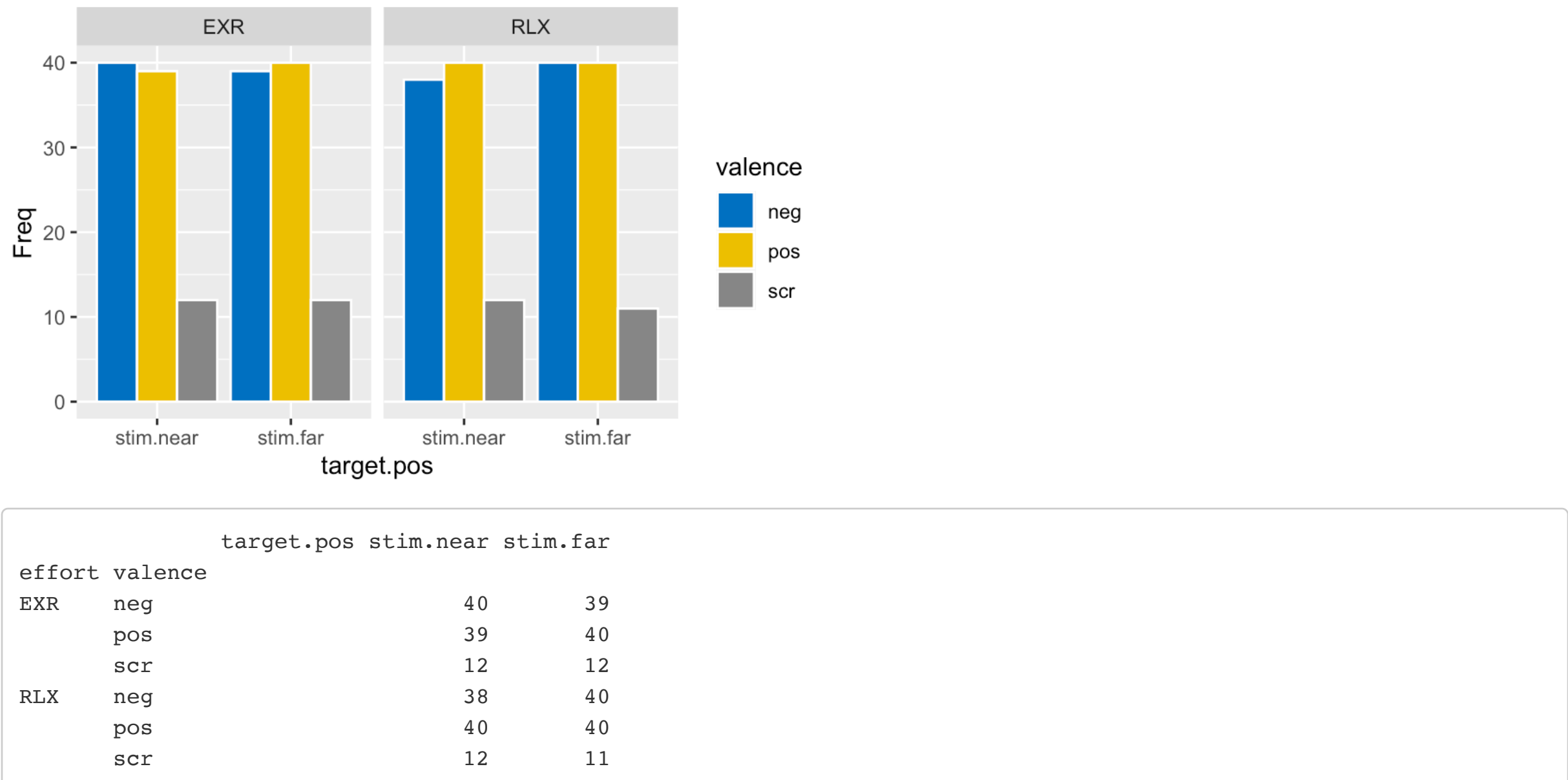
EXP3 pilot, version 3 (invested effort)

Subject 09

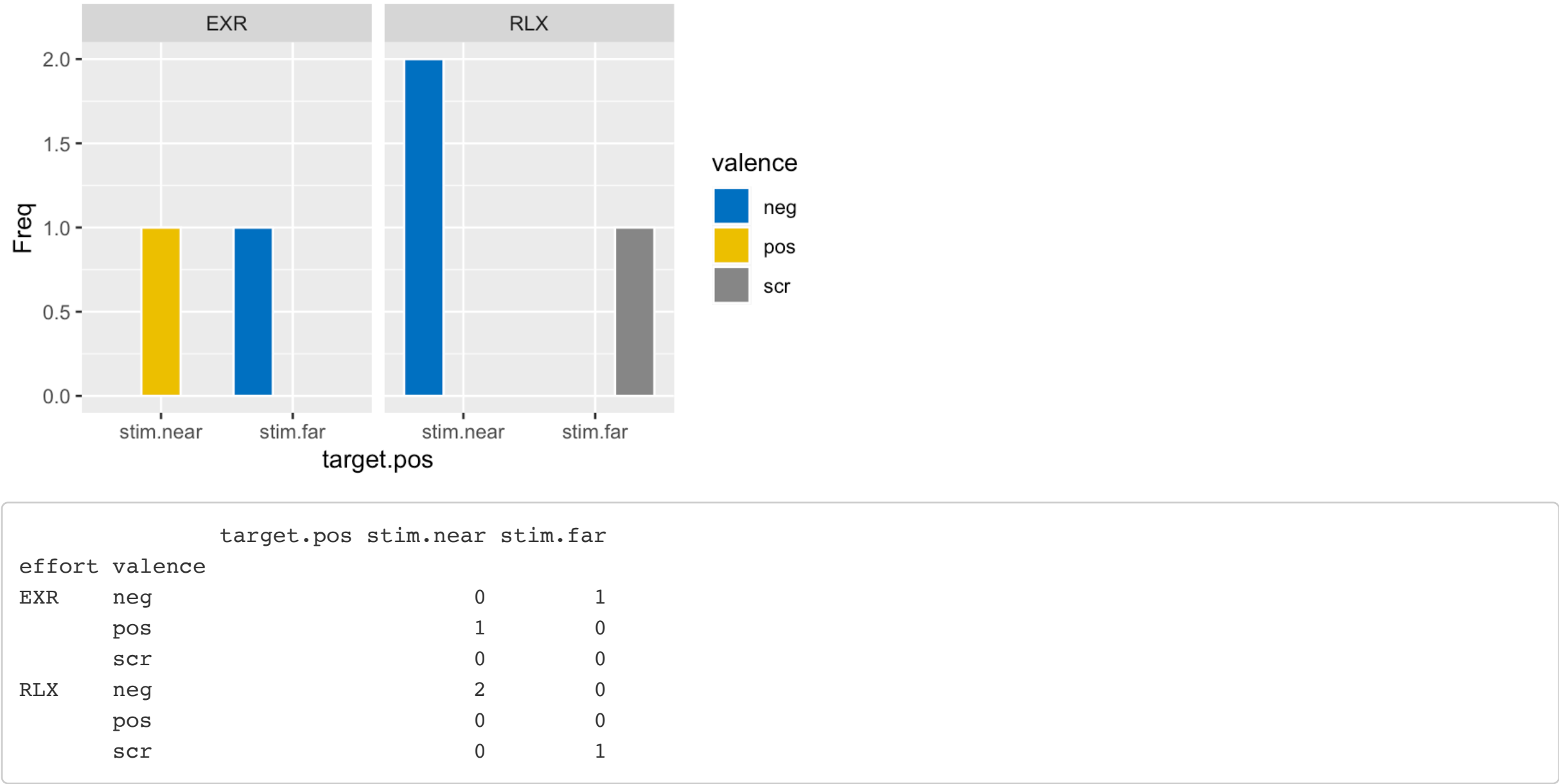
Abbreviations:

- *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



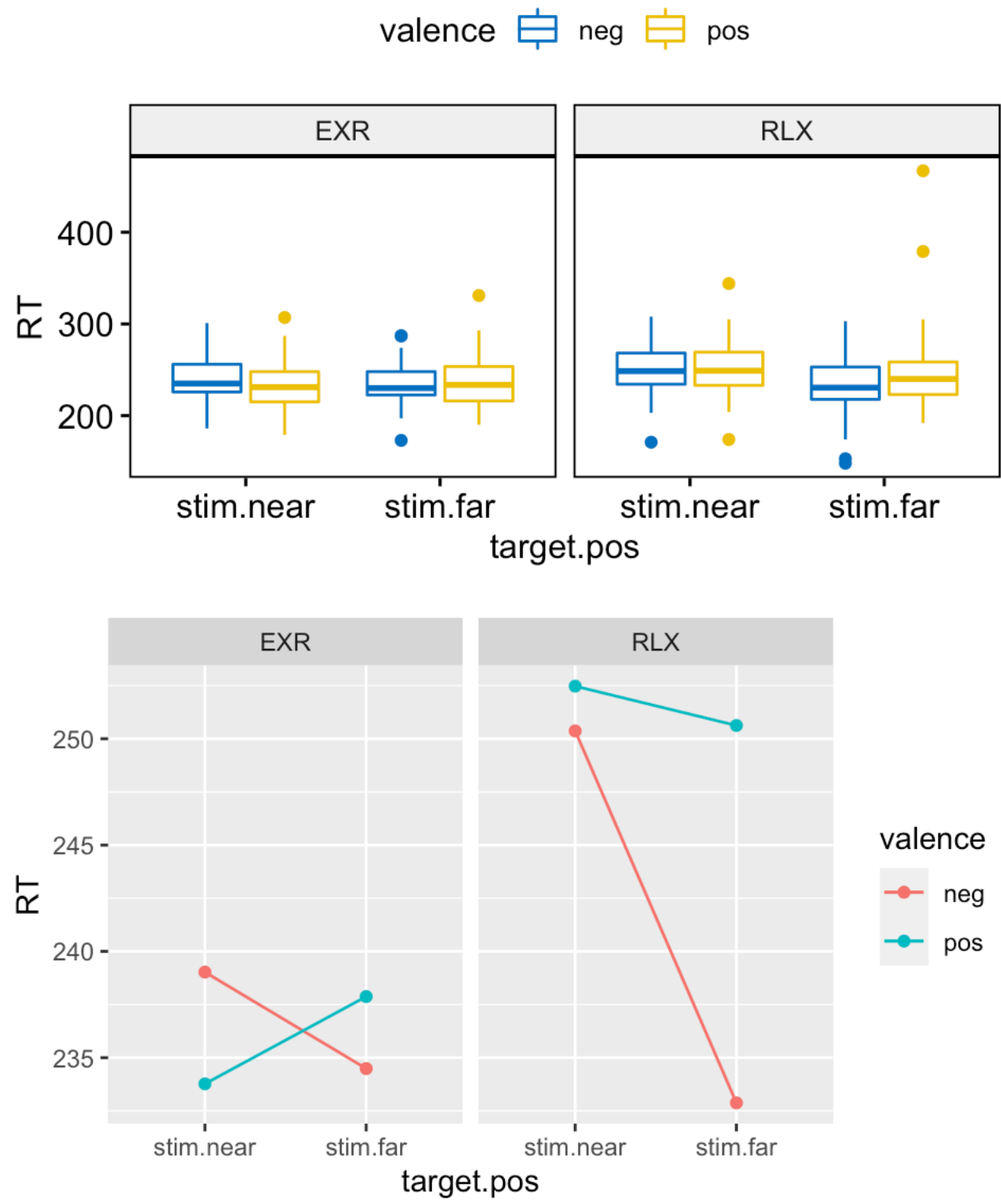
Number of errors of omission



Number of errors of commission



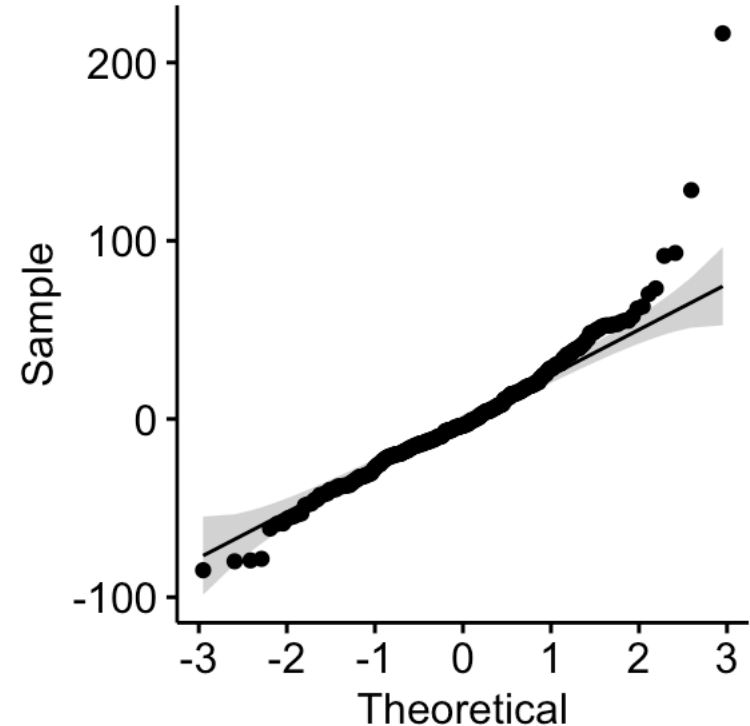
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	pos	EXR	stim.near	1	1	307	TRUE	FALSE
2	neg	EXR	stim.far	8	1	287	TRUE	FALSE
3	neg	EXR	stim.far	8	1	287	TRUE	FALSE
4	neg	EXR	stim.far	5	1	173	TRUE	FALSE
5	pos	EXR	stim.far	5	1	331	TRUE	FALSE
6	neg	RLX	stim.near	8	1	171	TRUE	FALSE
7	pos	RLX	stim.near	5	1	174	TRUE	FALSE
8	pos	RLX	stim.near	8	1	344	TRUE	FALSE
9	neg	RLX	stim.far	6	1	153	TRUE	FALSE
10	neg	RLX	stim.far	6	1	148	TRUE	FALSE
11	pos	RLX	stim.far	7	1	467	TRUE	TRUE
12	pos	RLX	stim.far	7	1	379	TRUE	TRUE

Normality check (Shapiro-Wilk)

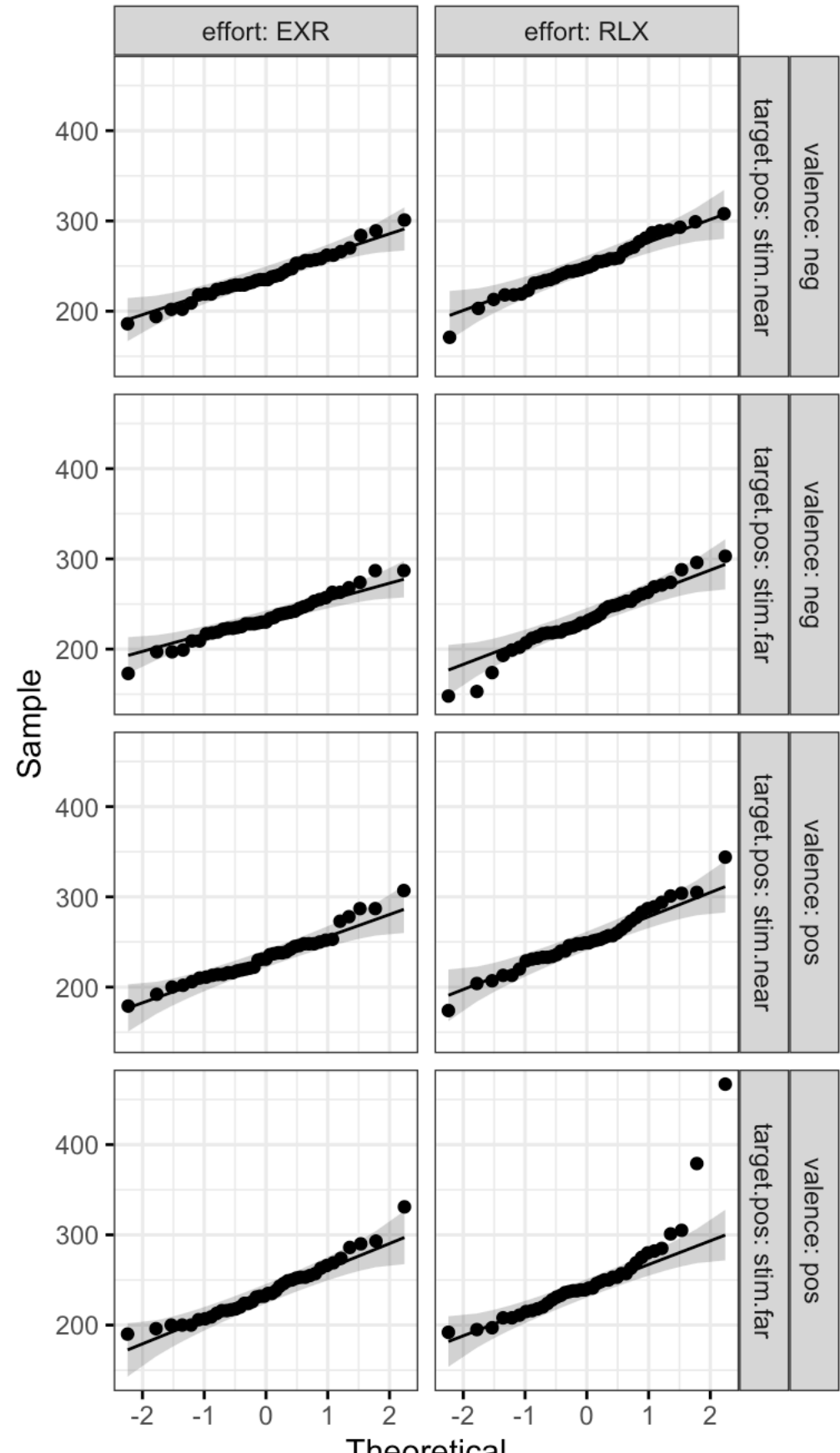


variable	statistic	p.value
residuals(rt_lm)	0.9320406	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9829782	0.7978303
pos	EXR	stim.near	RT	0.9613182	0.1972978
neg	EXR	stim.far	RT	0.9822551	0.7840986
pos	EXR	stim.far	RT	0.9547662	0.1106890
neg	RLX	stim.near	RT	0.9818743	0.7829254
pos	RLX	stim.near	RT	0.9758249	0.5380804
neg	RLX	stim.far	RT	0.9749070	0.5068547
pos	RLX	stim.far	RT	0.7611466	0.0000012

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	308	1.027797	0.4114672

ANOVA on RTs

	Effect	DFn	DFd	F	p	p<.05	ges
	valence	1	308	1.563	0.212		0.005
	target.pos	1	308	1.809	0.18		0.006
	effort	1	308	8.021	0.005	*	0.025
	valence:target.pos	1	308	2.786	0.096		0.009
	valence:effort	1	308	2.239	0.136		0.007
	target.pos:effort	1	308	1.681	0.196		0.005
	valence:target.pos:effort	1	308	0.231	0.631		0.000751

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	239	7.903
pos	EXR	stim.near	RT	39	233.8	8.815
neg	EXR	stim.far	RT	39	234.5	7.891
pos	EXR	stim.far	RT	40	237.9	9.805
neg	RLX	stim.near	RT	38	250.4	9.409
pos	RLX	stim.near	RT	40	252.5	10.35
neg	RLX	stim.far	RT	40	232.9	10.79
pos	RLX	stim.far	RT	40	250.6	15.8