

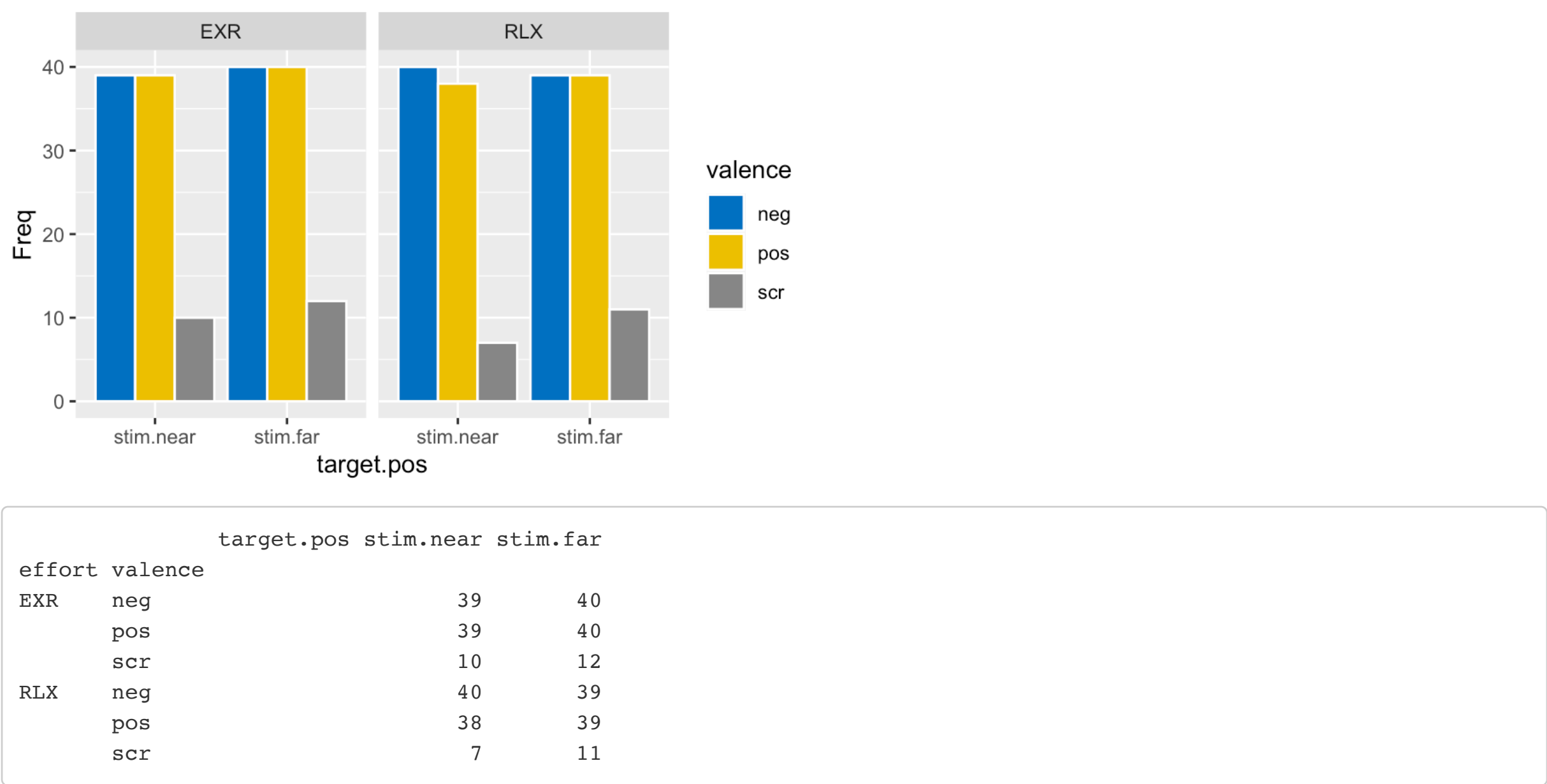
EXP3 pilot, version 3 (invested effort)

Subject 12

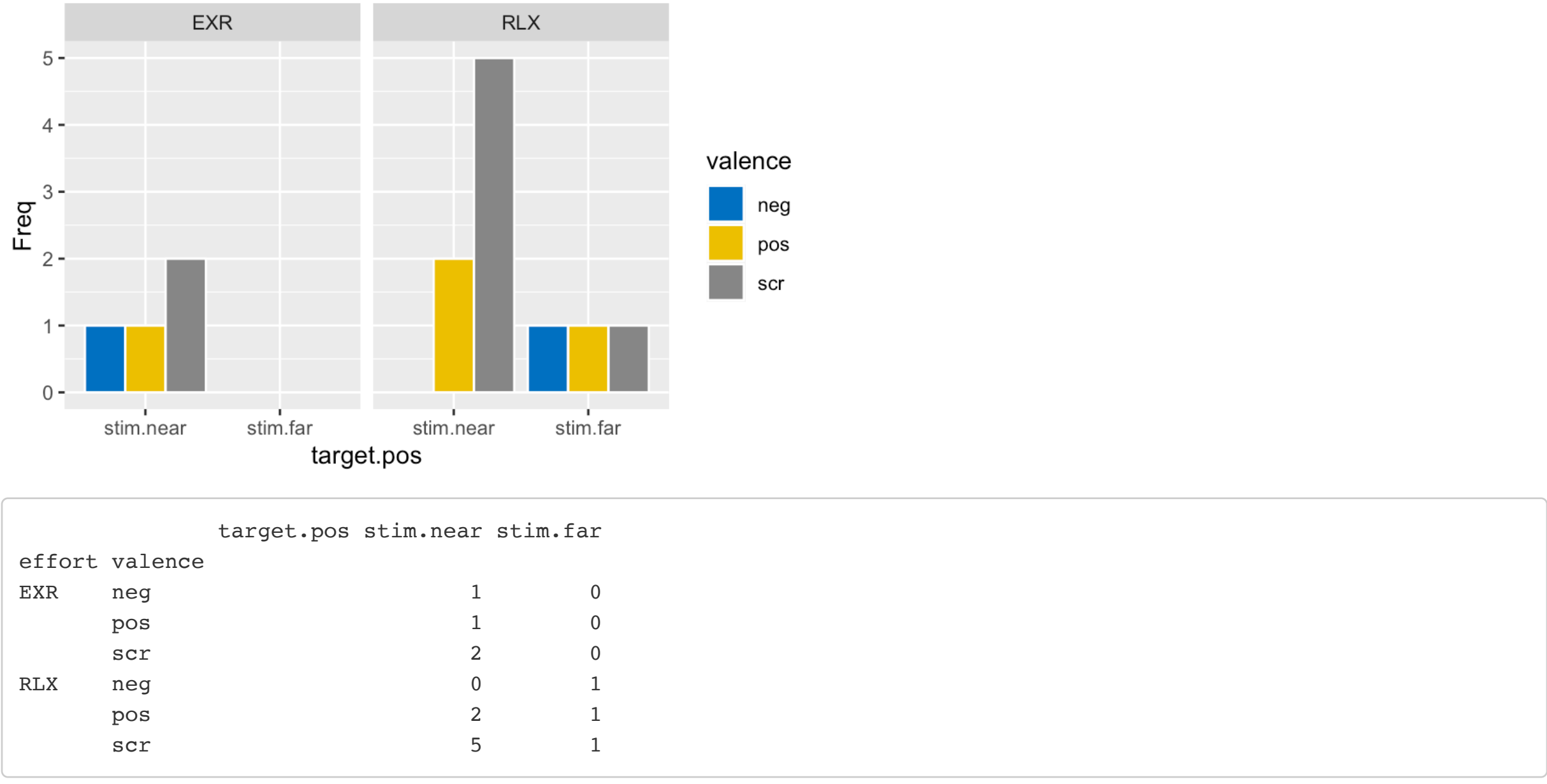
Abbreviations:

- *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)

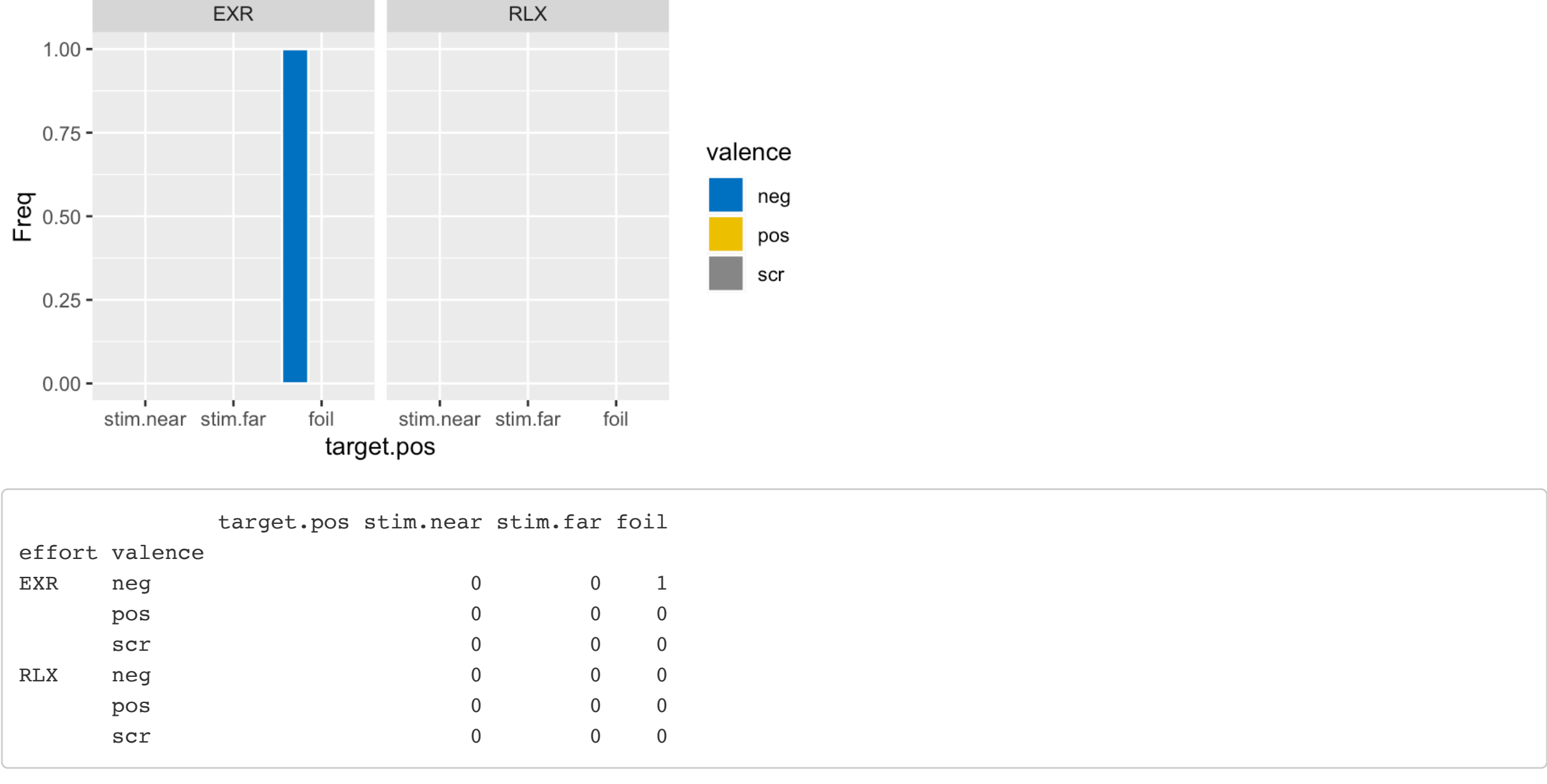
Number of correct responses



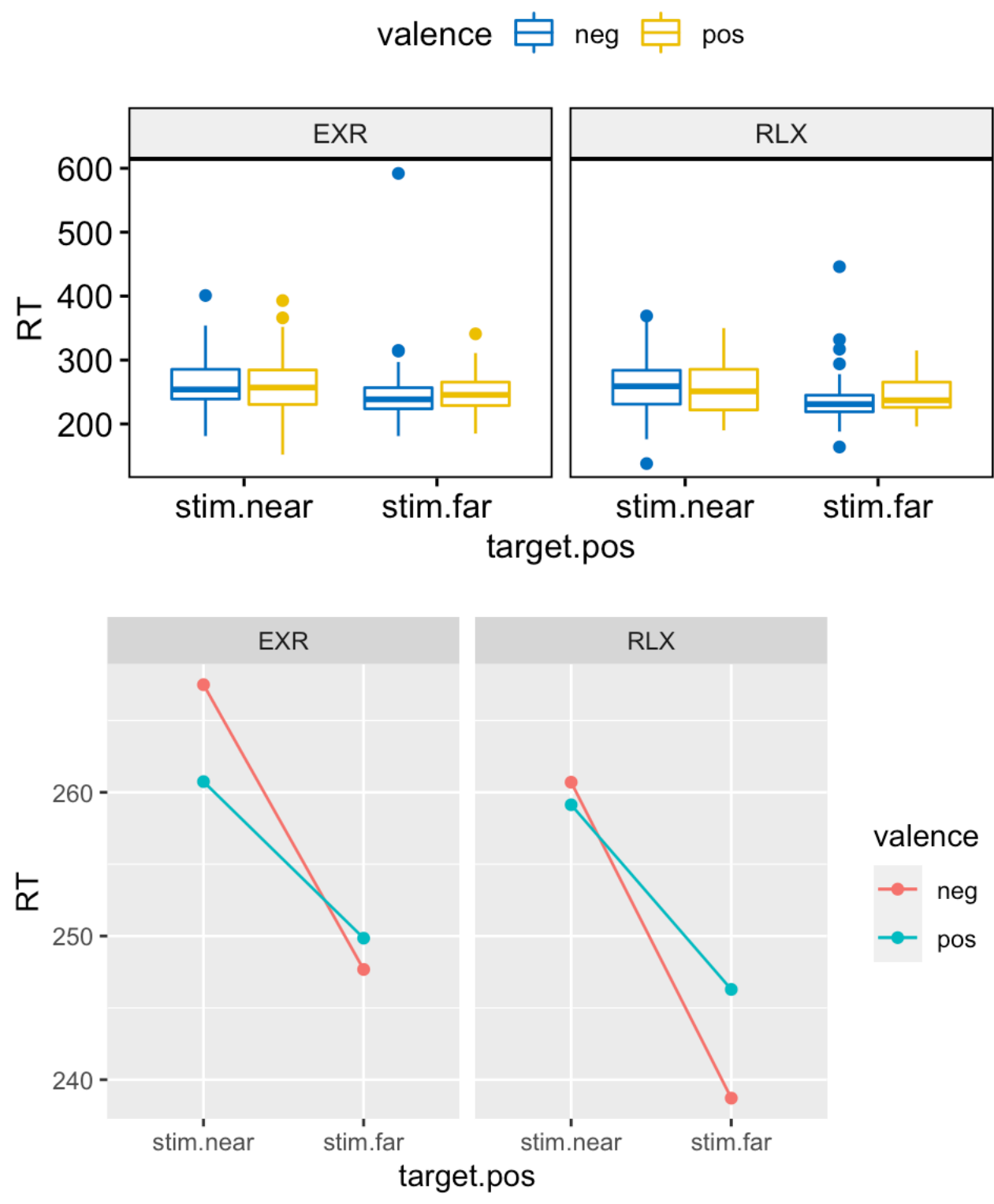
Number of errors of omission



Number of errors of commission



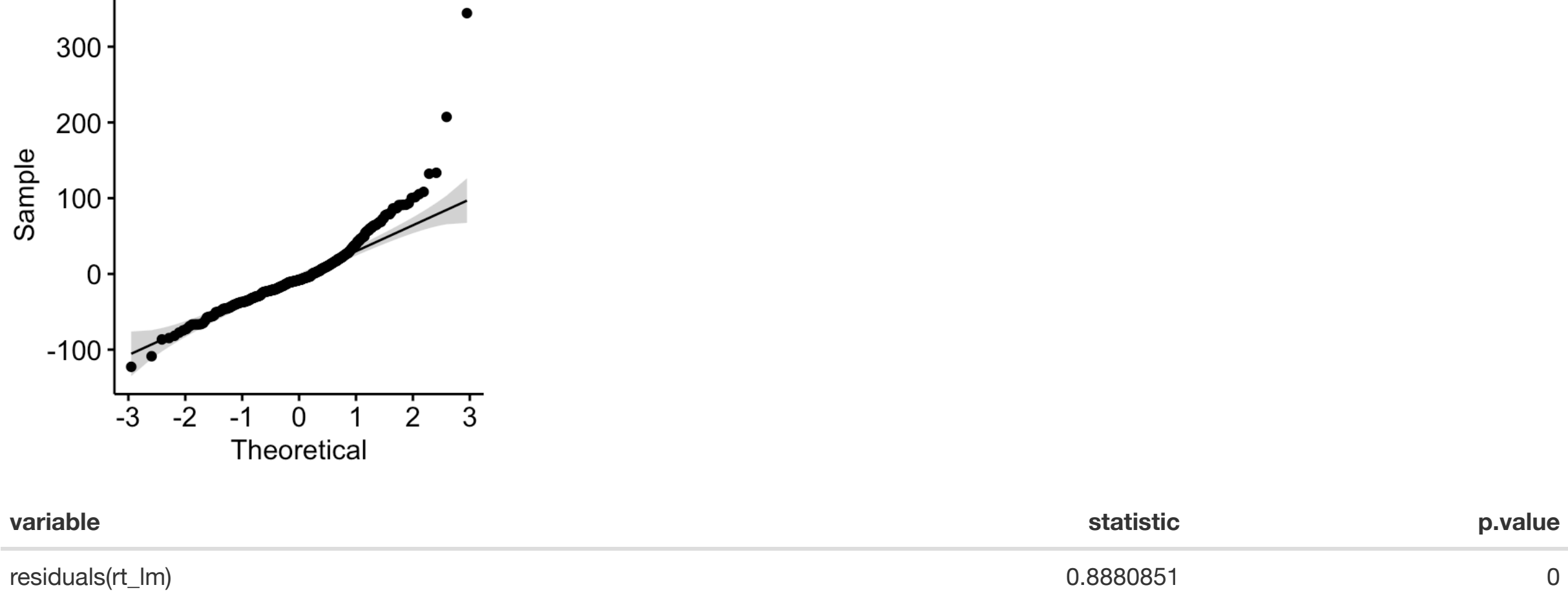
Response times (correct trials only)



Outliers

valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
neg	EXR	stim.near	3	1	401	TRUE	FALSE
pos	EXR	stim.near	4	1	366	TRUE	FALSE
pos	EXR	stim.near	5	1	393	TRUE	FALSE
neg	EXR	stim.far	2	1	314	TRUE	FALSE
neg	EXR	stim.far	3	1	592	TRUE	TRUE
neg	EXR	stim.far	3	1	315	TRUE	FALSE
pos	EXR	stim.far	5	1	341	TRUE	FALSE
neg	RLX	stim.near	3	1	138	TRUE	FALSE
neg	RLX	stim.near	7	1	369	TRUE	FALSE
neg	RLX	stim.far	1	1	164	TRUE	FALSE
neg	RLX	stim.far	2	1	294	TRUE	FALSE
neg	RLX	stim.far	2	1	332	TRUE	TRUE
neg	RLX	stim.far	4	1	446	TRUE	TRUE
neg	RLX	stim.far	7	1	317	TRUE	FALSE

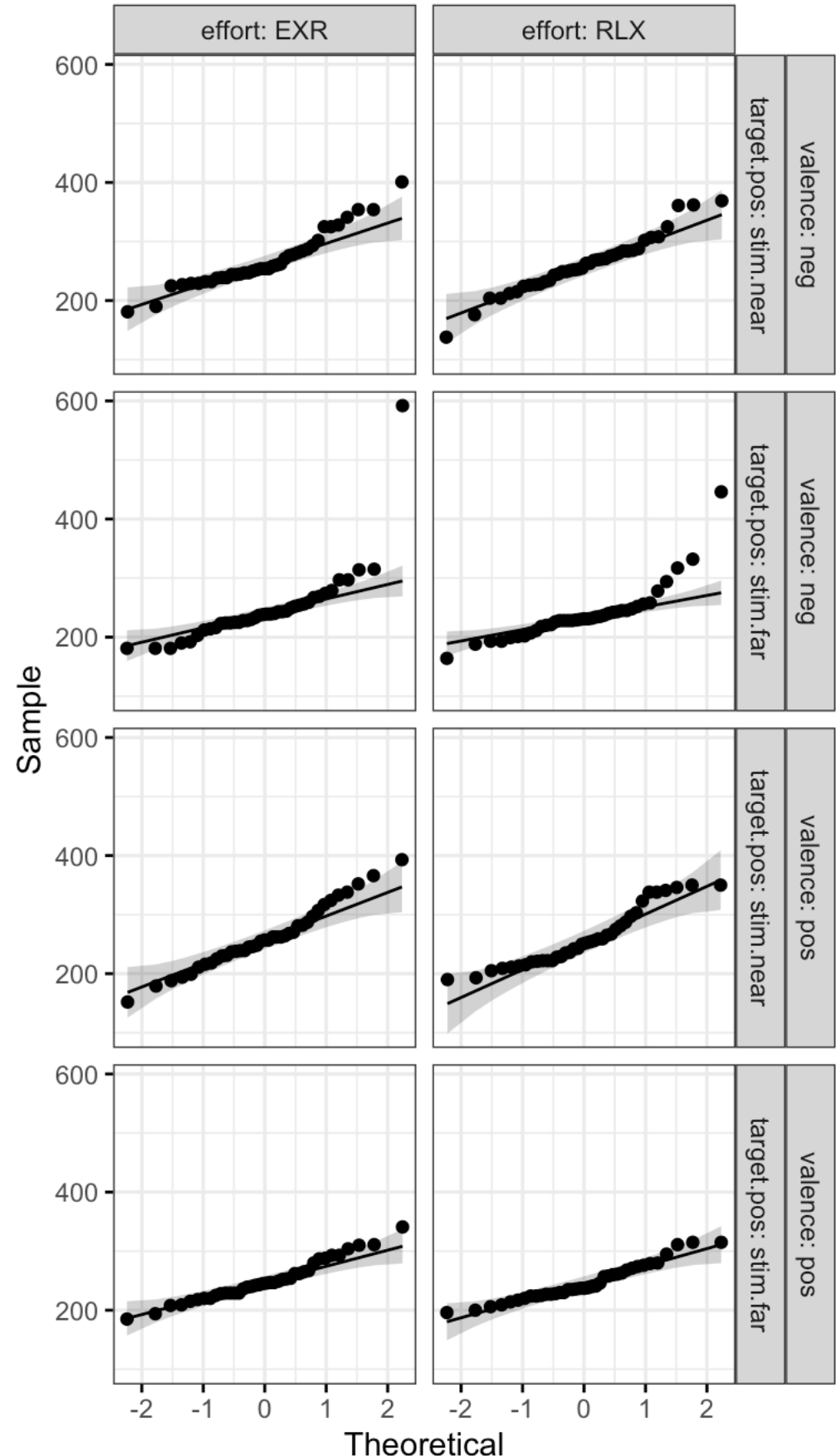
Normality check (Shapiro-Wilk)



Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9262750	0.0136730
pos	EXR	stim.near	RT	0.9764696	0.5765787
neg	EXR	stim.far	RT	0.6248141	0.0000000
pos	EXR	stim.far	RT	0.9660509	0.2679789
neg	RLX	stim.near	RT	0.9691771	0.3388383
pos	RLX	stim.near	RT	0.9112365	0.0053748
neg	RLX	stim.far	RT	0.7711152	0.0000022
pos	RLX	stim.far	RT	0.9443851	0.0532388

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	306	1.039393	0.4034139

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	306	0.005	0.945		1.56e-05
target.pos	1	306	9.441	0.002	*	0.03
effort	1	306	0.968	0.326		0.003
valence:target.pos	1	306	0.714	0.399		0.002
valence:effort	1	306	0.245	0.621		0.000799
target.pos:effort	1	306	0.037	0.847		0.000122
valence:target.pos:effort	1	306	1e-04	0.992		3.28e-07

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	39	267.5	14.87
pos	EXR	stim.near	RT	39	260.7	17.01
neg	EXR	stim.far	RT	40	247.7	20.79
pos	EXR	stim.far	RT	40	249.8	10.87
neg	RLX	stim.near	RT	40	260.7	15.05
pos	RLX	stim.near	RT	38	259.1	15.67
neg	RLX	stim.far	RT	39	238.7	15.24
pos	RLX	stim.far	RT	39	246.3	9.961