

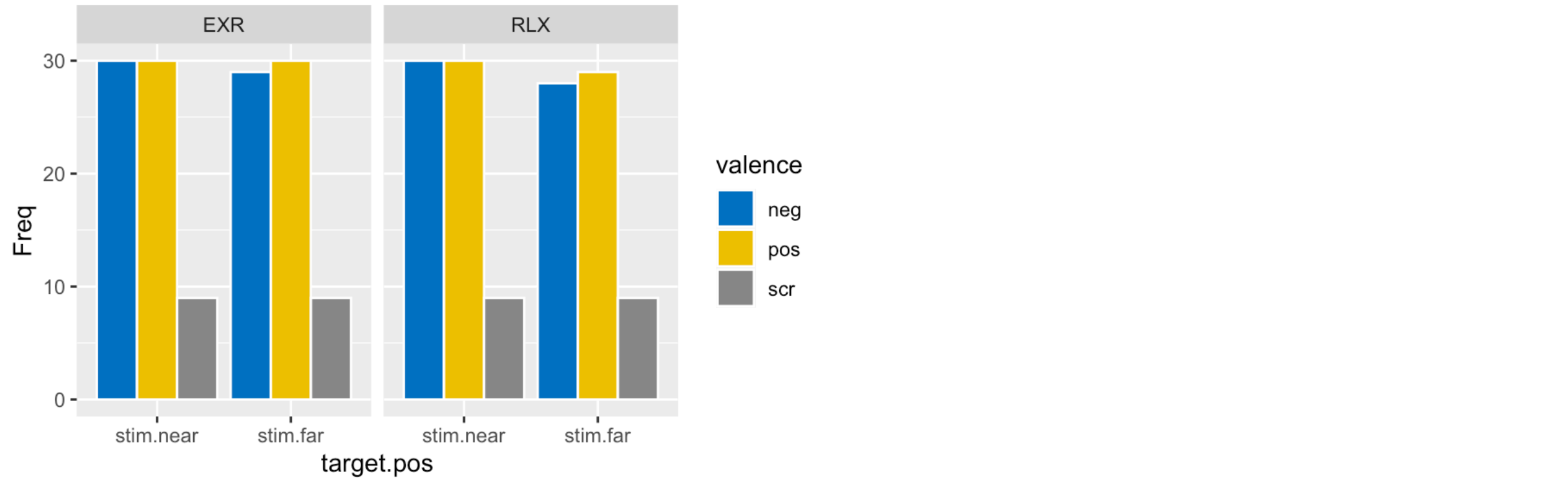
EXP3 pilot, version 3 (invested effort)

Subject 20

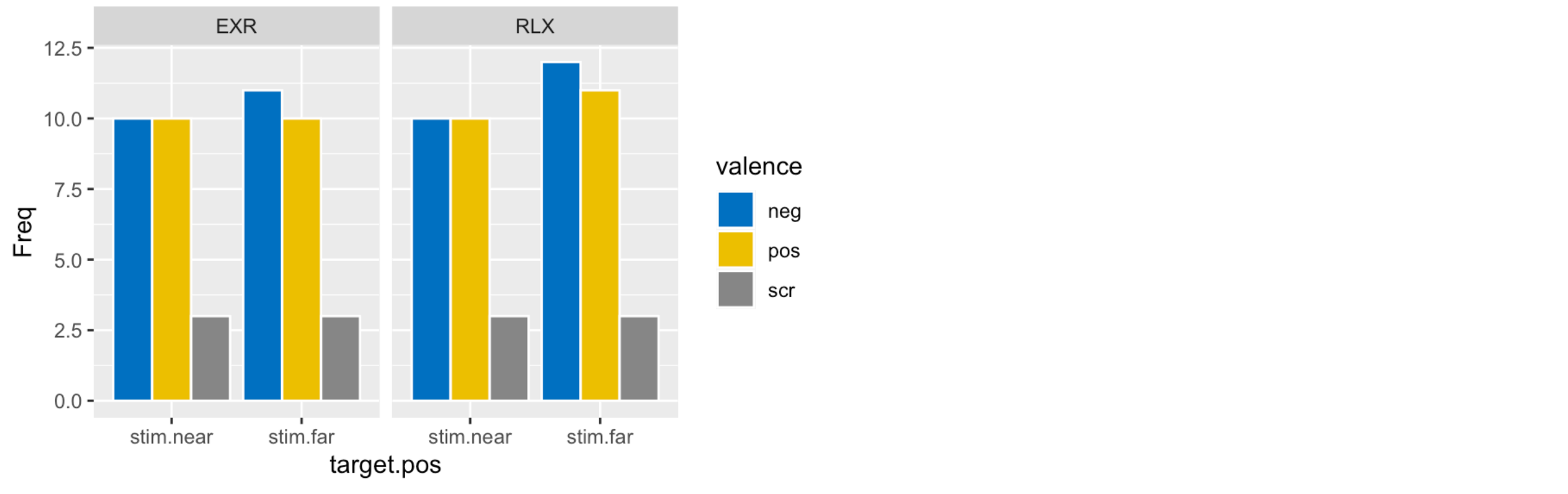
Abbreviations:

- *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)

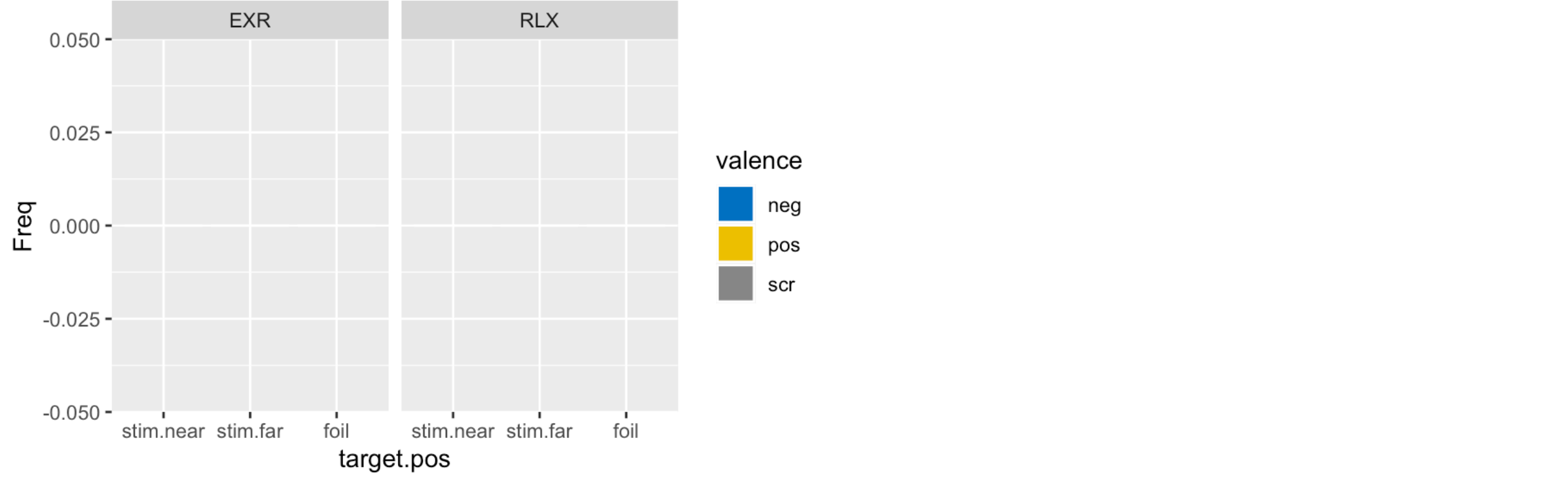
Number of correct responses



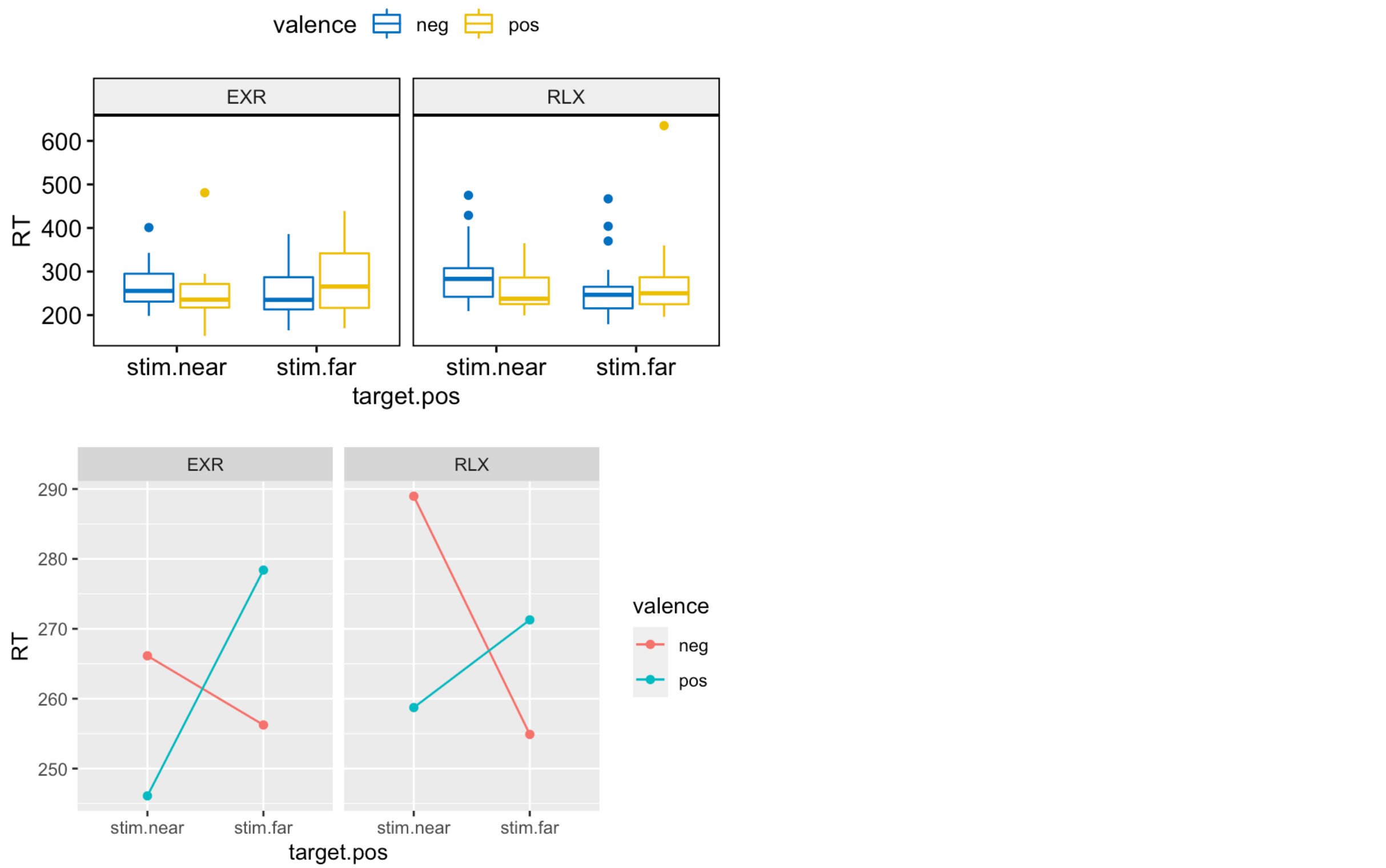
Number of errors of omission



Number of errors of commission



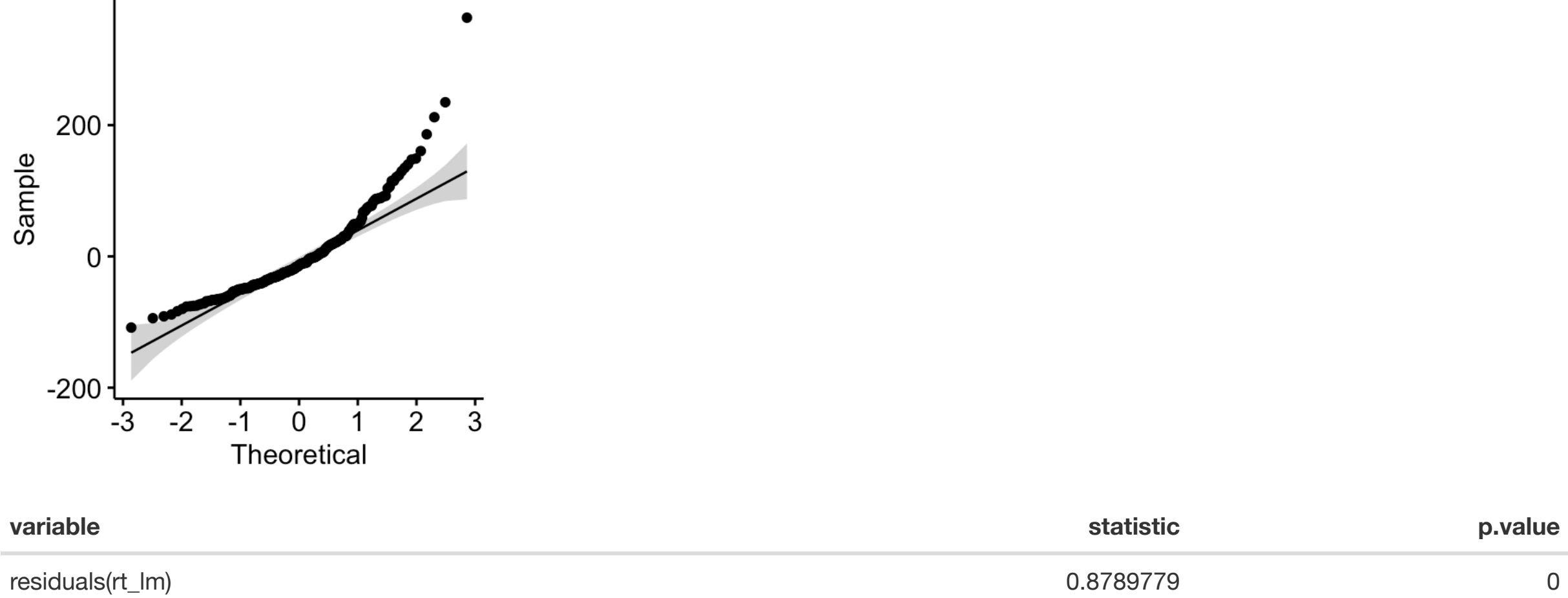
Response times (correct trials only)



Outliers

valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
neg	EXR	stim.near	2	1	401	TRUE	FALSE
pos	EXR	stim.near	1	1	481	TRUE	TRUE
neg	RLX	stim.near	1	1	429	TRUE	FALSE
neg	RLX	stim.near	4	1	475	TRUE	FALSE
neg	RLX	stim.far	4	1	467	TRUE	TRUE
neg	RLX	stim.far	6	1	370	TRUE	FALSE
neg	RLX	stim.far	8	1	404	TRUE	FALSE
pos	RLX	stim.far	2	1	635	TRUE	TRUE

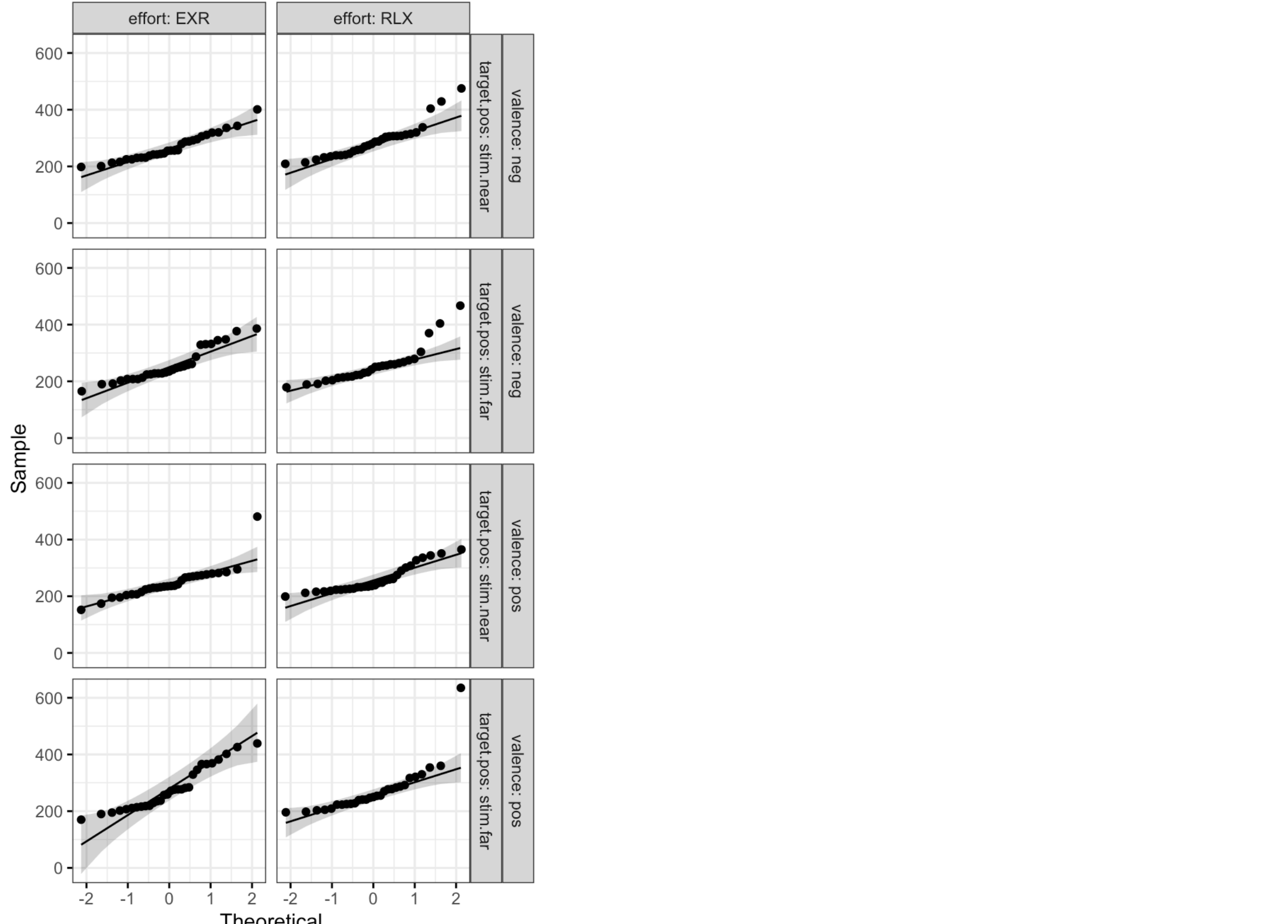
Normality check (Shapiro-Wilk)



Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9374170	0.0775095
pos	EXR	stim.near	RT	0.7870254	0.0000384
neg	EXR	stim.far	RT	0.8953681	0.0076024
pos	EXR	stim.far	RT	0.9161524	0.0213390
neg	RLX	stim.near	RT	0.8757851	0.0022593
pos	RLX	stim.near	RT	0.8628103	0.0011637
neg	RLX	stim.far	RT	0.8095087	0.0001578
pos	RLX	stim.far	RT	0.6896922	0.0000015

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	228	1.015566	0.4209382

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	228	0.16	0.689		0.000702
target.pos	1	228	0.004	0.951		1.69e-05
effort	1	228	0.708	0.401		0.003
valence:target.pos	1	228	7.297	0.007	*	0.031
valence:effort	1	228	0.239	0.626		0.001
target.pos:effort	1	228	1.785	0.183		0.008
valence:target.pos:effort	1	228	0.018	0.893		7.95e-05

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	30	266.1	17.75
pos	EXR	stim.near	RT	30	246.1	21.09
neg	EXR	stim.far	RT	29	256.2	22.7
pos	EXR	stim.far	RT	30	278.4	28.46
neg	RLX	stim.near	RT	30	289	22.89
pos	RLX	stim.near	RT	30	258.7	17.5
neg	RLX	stim.far	RT	28	254.9	25.15
pos	RLX	stim.far	RT	29	271.3	31.75