

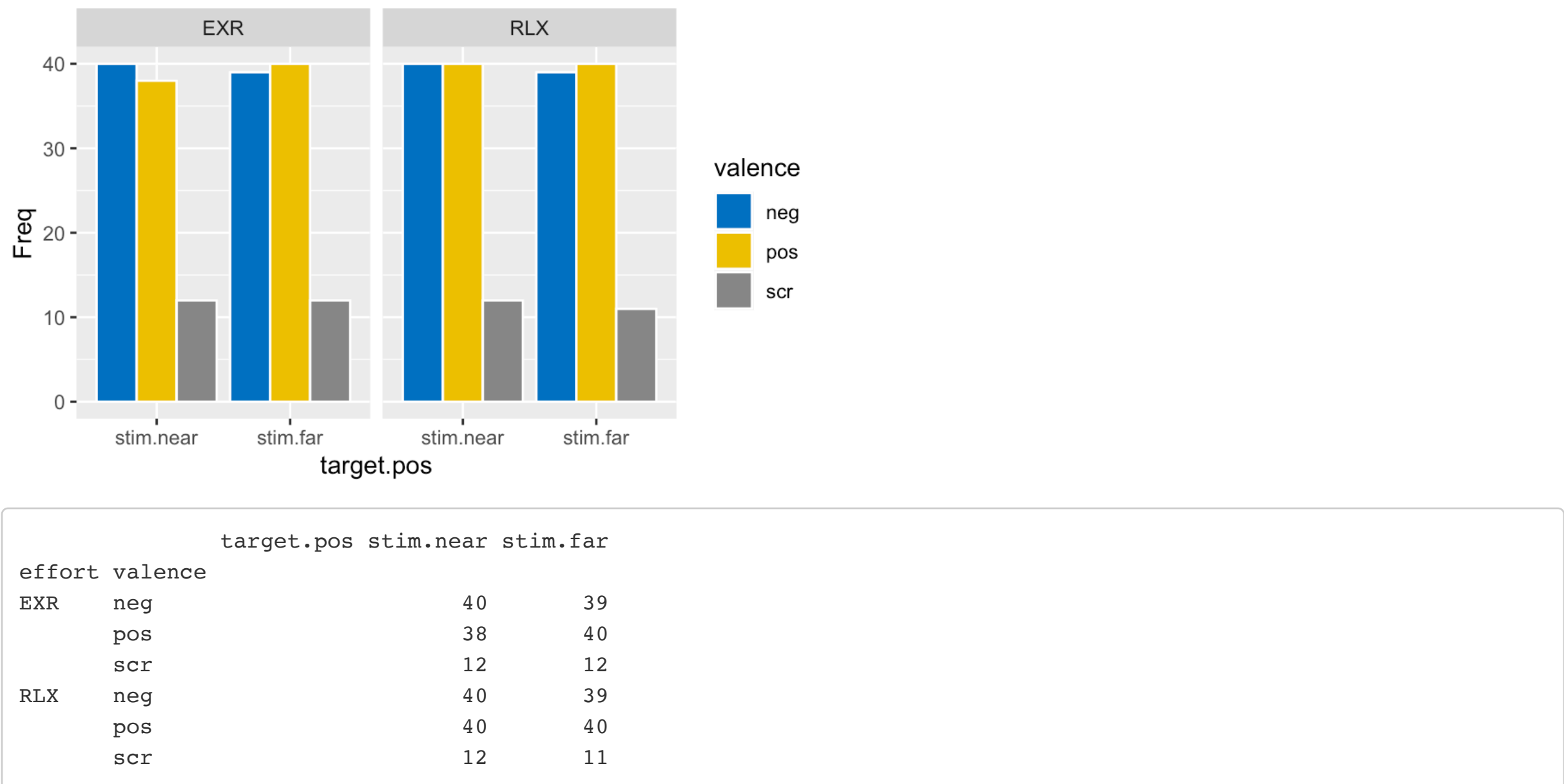
EXP3 pilot, version 3 (invested effort)

Subject 01

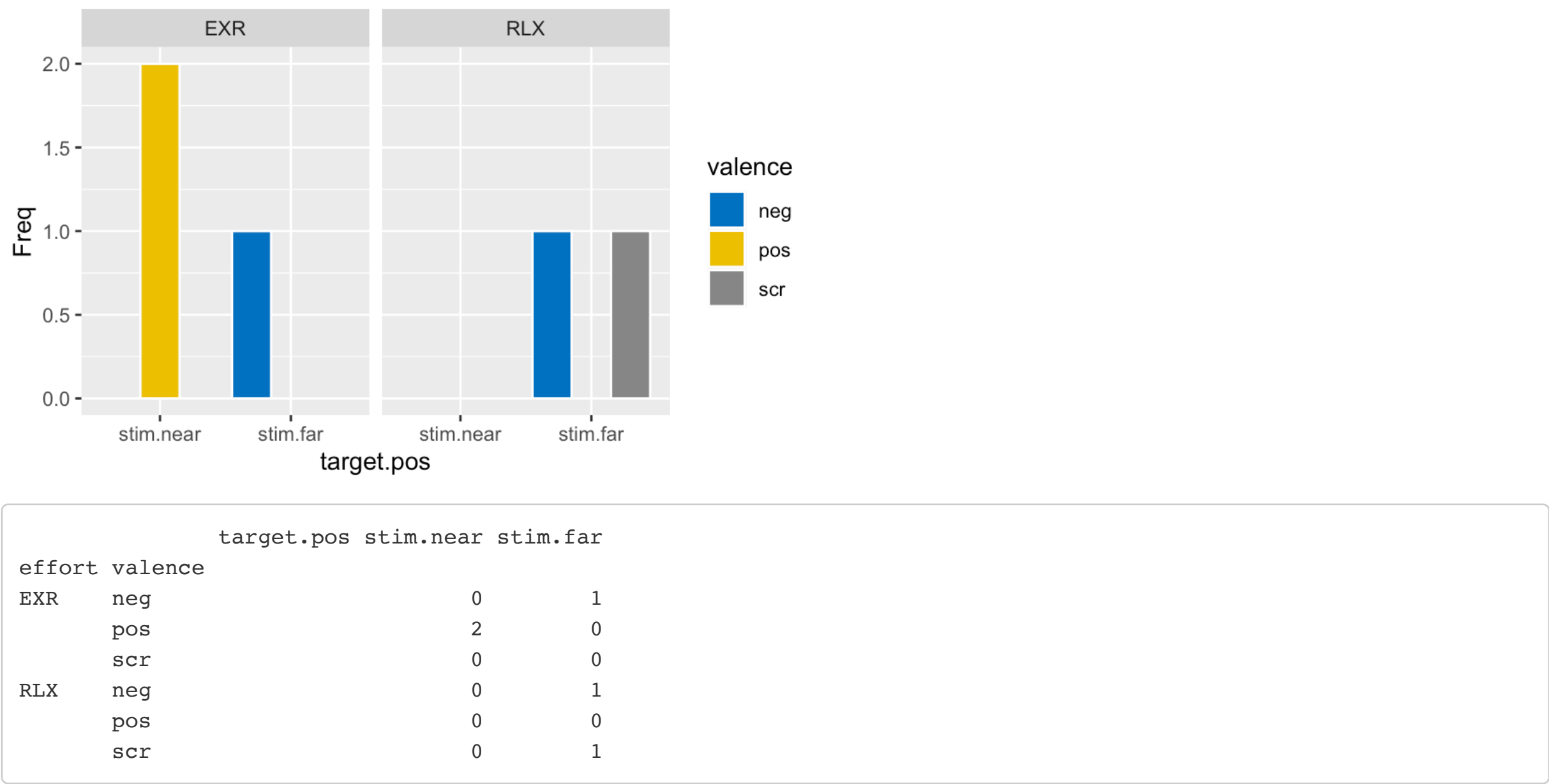
Abbreviations:

- *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)

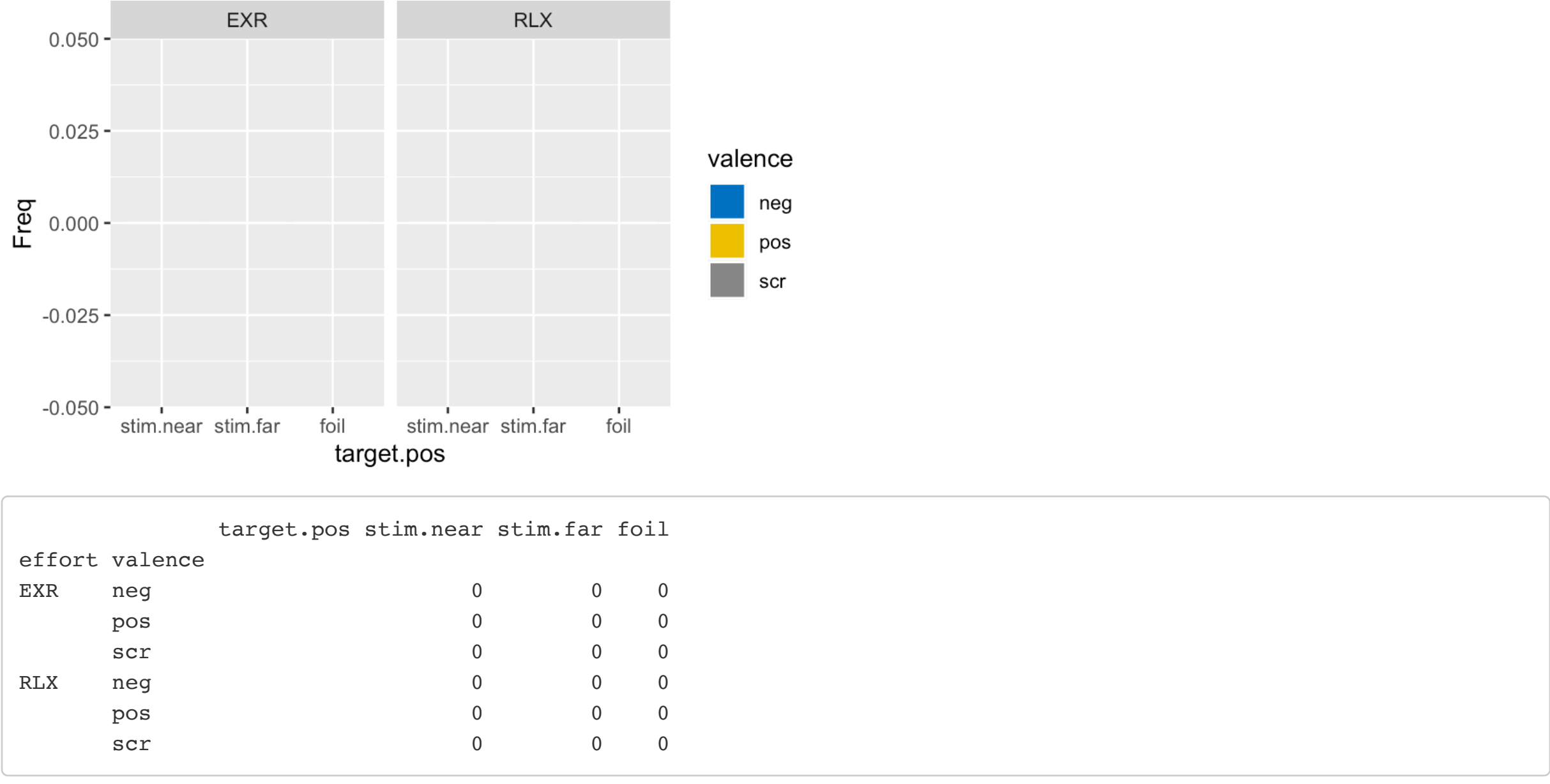
Number of correct responses



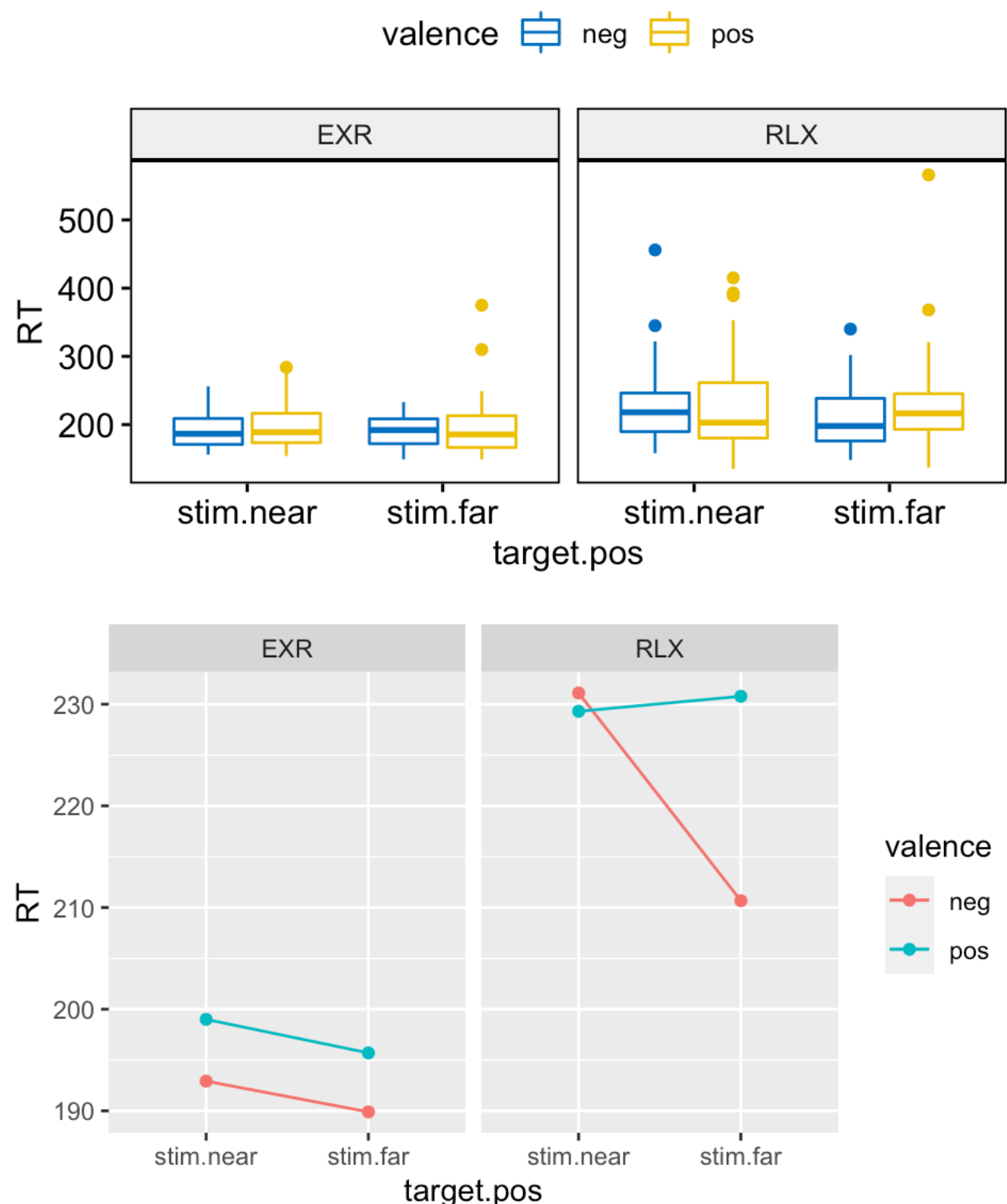
Number of errors of omission



Number of errors of commission



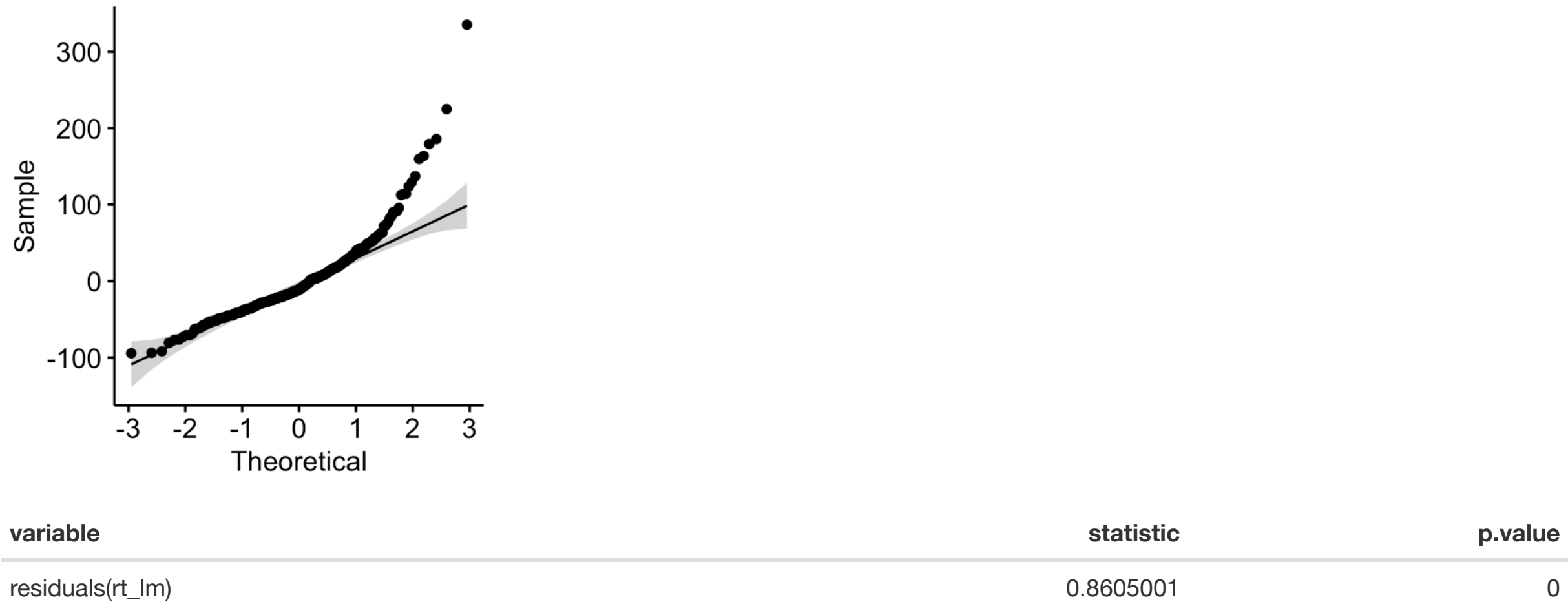
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	pos	EXR	stim.near	8	4	284	TRUE	FALSE
2	pos	EXR	stim.far	6	1	375	TRUE	TRUE
3	pos	EXR	stim.far	8	2	310	TRUE	FALSE
4	neg	RLX	stim.near	3	1	345	TRUE	FALSE
5	neg	RLX	stim.near	3	2	456	TRUE	TRUE
6	pos	RLX	stim.near	1	1	415	TRUE	FALSE
7	pos	RLX	stim.near	1	1	393	TRUE	FALSE
8	pos	RLX	stim.near	5	1	389	TRUE	FALSE
9	neg	RLX	stim.far	3	2	340	TRUE	FALSE
10	pos	RLX	stim.far	5	2	566	TRUE	TRUE
11	pos	RLX	stim.far	7	3	368	TRUE	FALSE

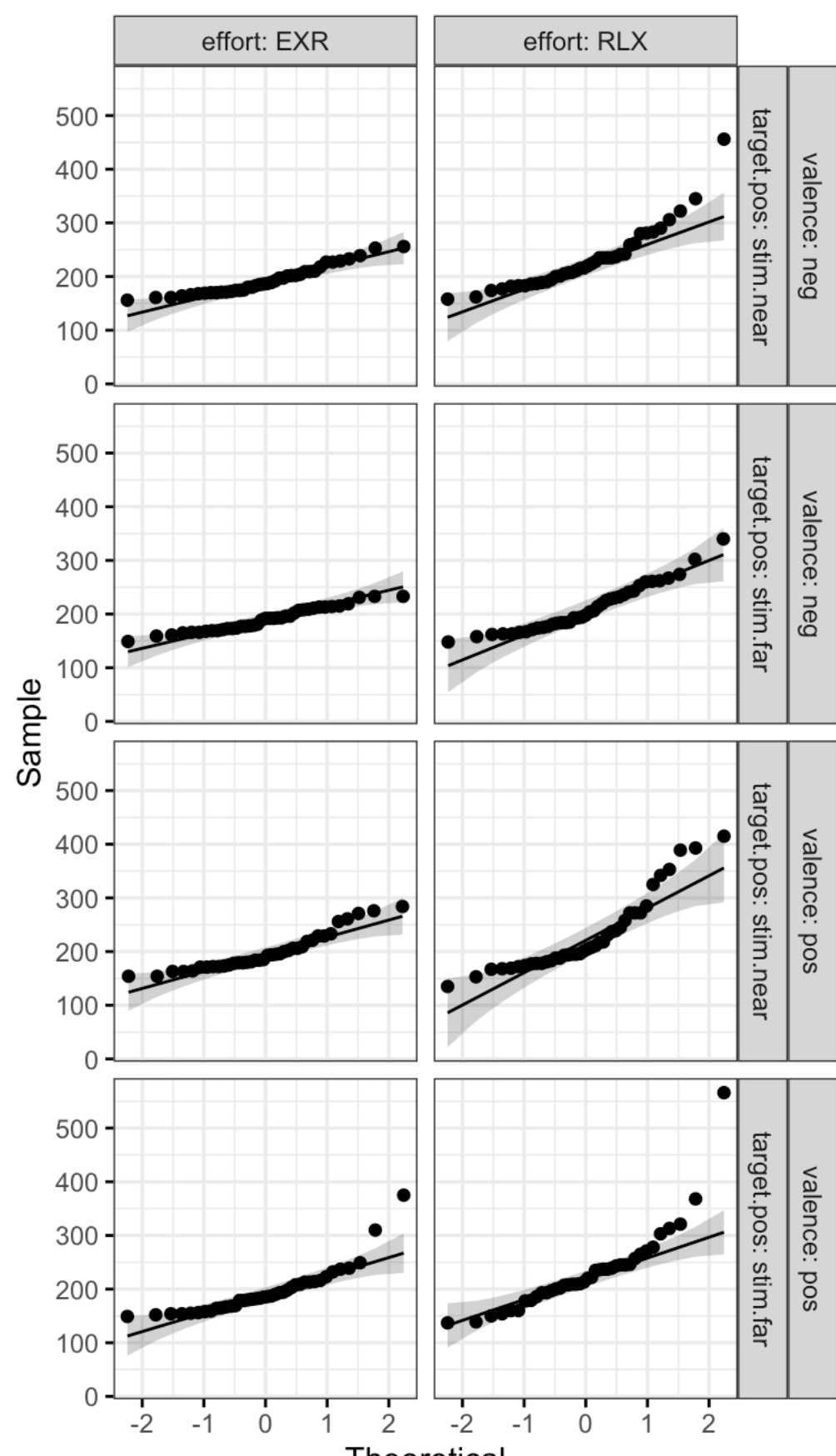
Normality check (Shapiro-Wilk)



Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9276084	0.0134670
pos	EXR	stim.near	RT	0.8951359	0.0018632
neg	EXR	stim.far	RT	0.9576144	0.1483702
pos	EXR	stim.far	RT	0.7996930	0.0000067
neg	RLX	stim.near	RT	0.8547123	0.0001173
pos	RLX	stim.near	RT	0.8562545	0.0001281
neg	RLX	stim.far	RT	0.9317102	0.0203964
pos	RLX	stim.far	RT	0.7899824	0.0000042

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	308	3.715132	0.0007088

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	308	1.787	0.182		0.006
target.pos	1	308	1.256	0.263		0.004
effort	1	308	30.66	6.6e-08	*	0.091
valence:target.pos	1	308	0.937	0.334		0.003
valence:effort	1	308	0.082	0.775		0.000265
target.pos:effort	1	308	0.315	0.575		0.001
valence:target.pos:effort	1	308	0.971	0.325		0.003

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	192.9	8.415
pos	EXR	stim.near	RT	38	199	11.37
neg	EXR	stim.far	RT	39	189.9	7.181
pos	EXR	stim.far	RT	40	195.7	14.02
neg	RLX	stim.near	RT	40	231.1	18.28
pos	RLX	stim.near	RT	40	229.3	22.35
neg	RLX	stim.far	RT	39	210.7	14.24
pos	RLX	stim.far	RT	40	230.8	23.68