

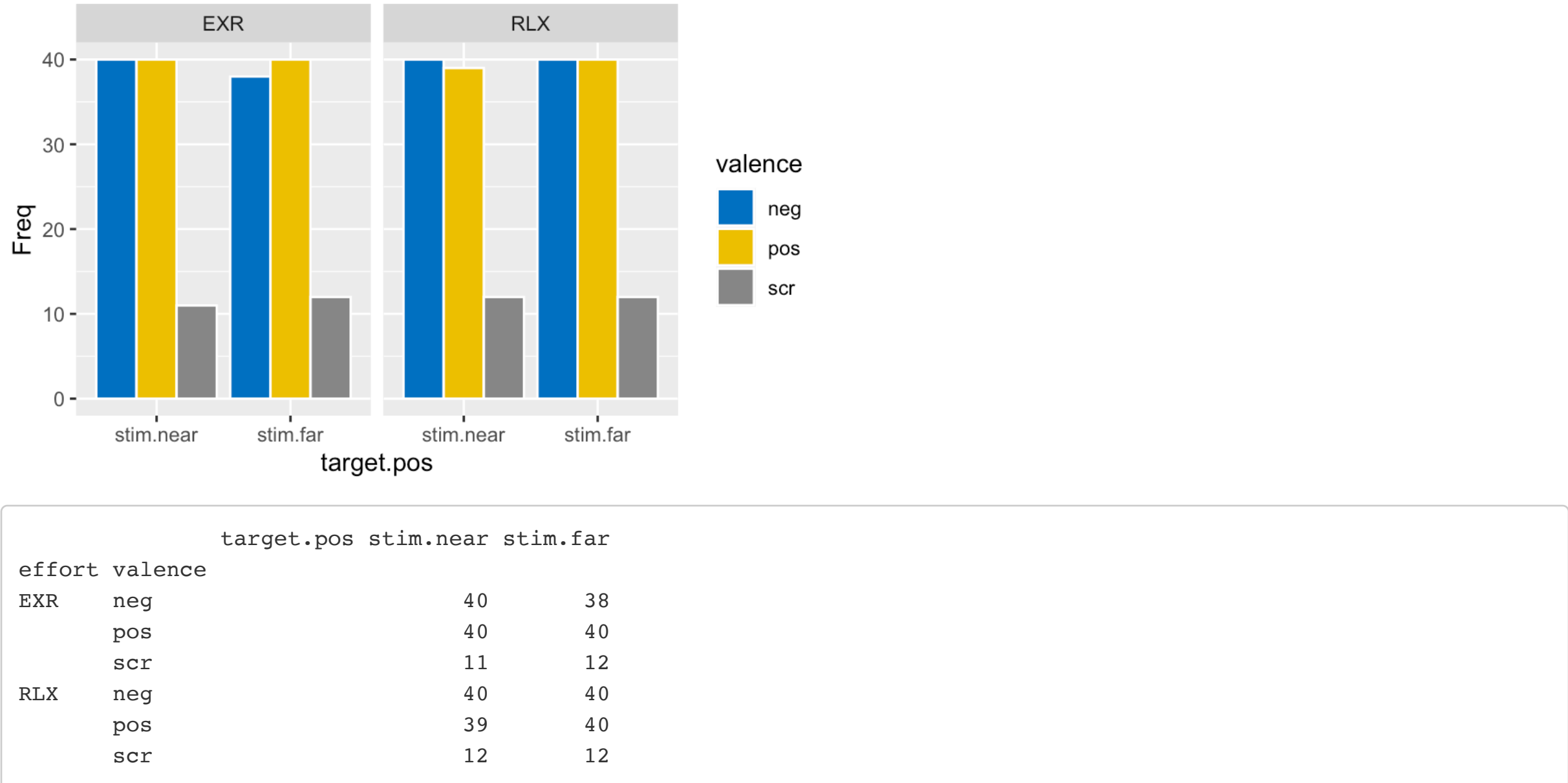
EXP3 pilot, version 3 (invested effort)

Subject 16

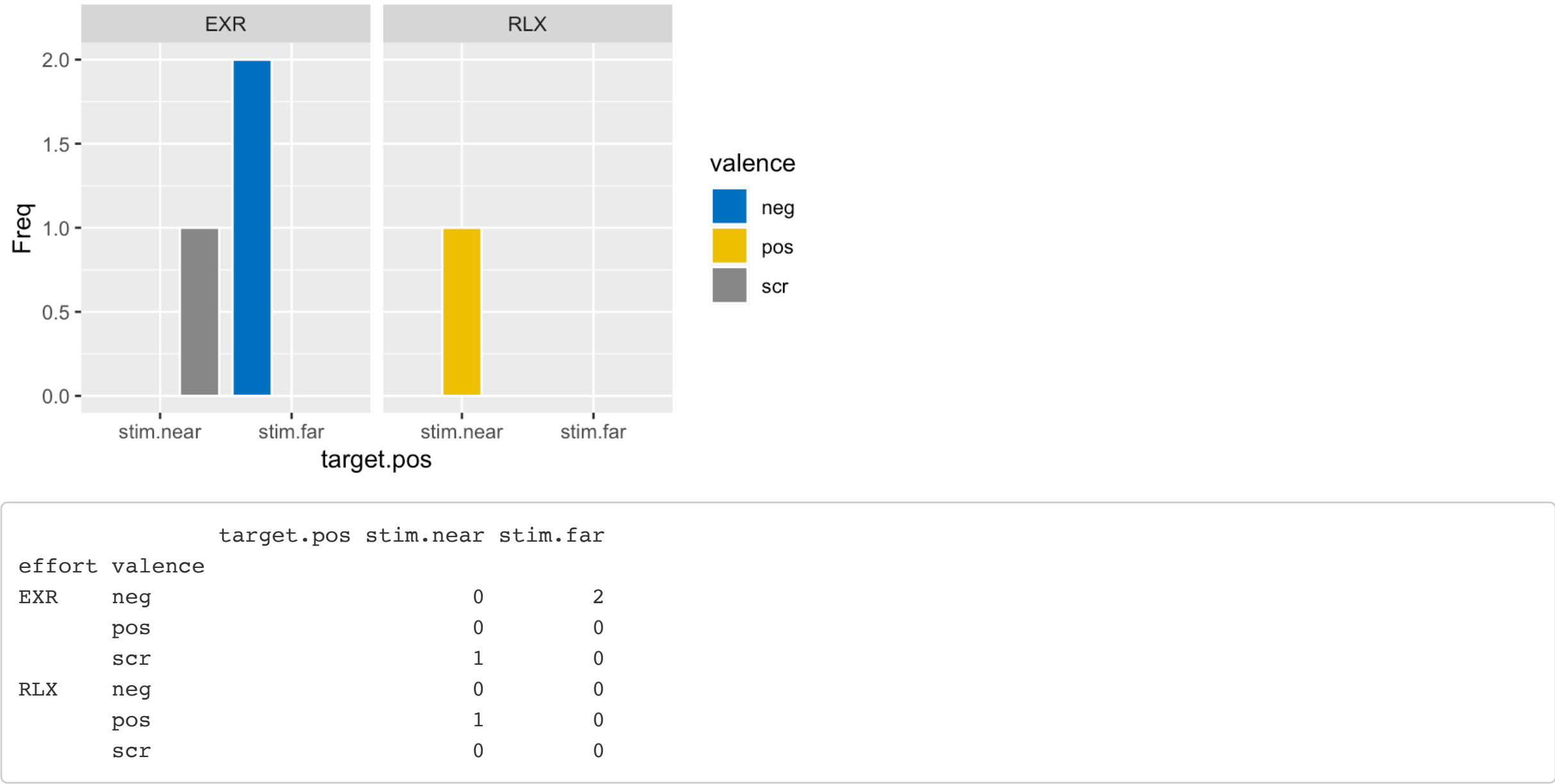
Abbreviations:

- *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)

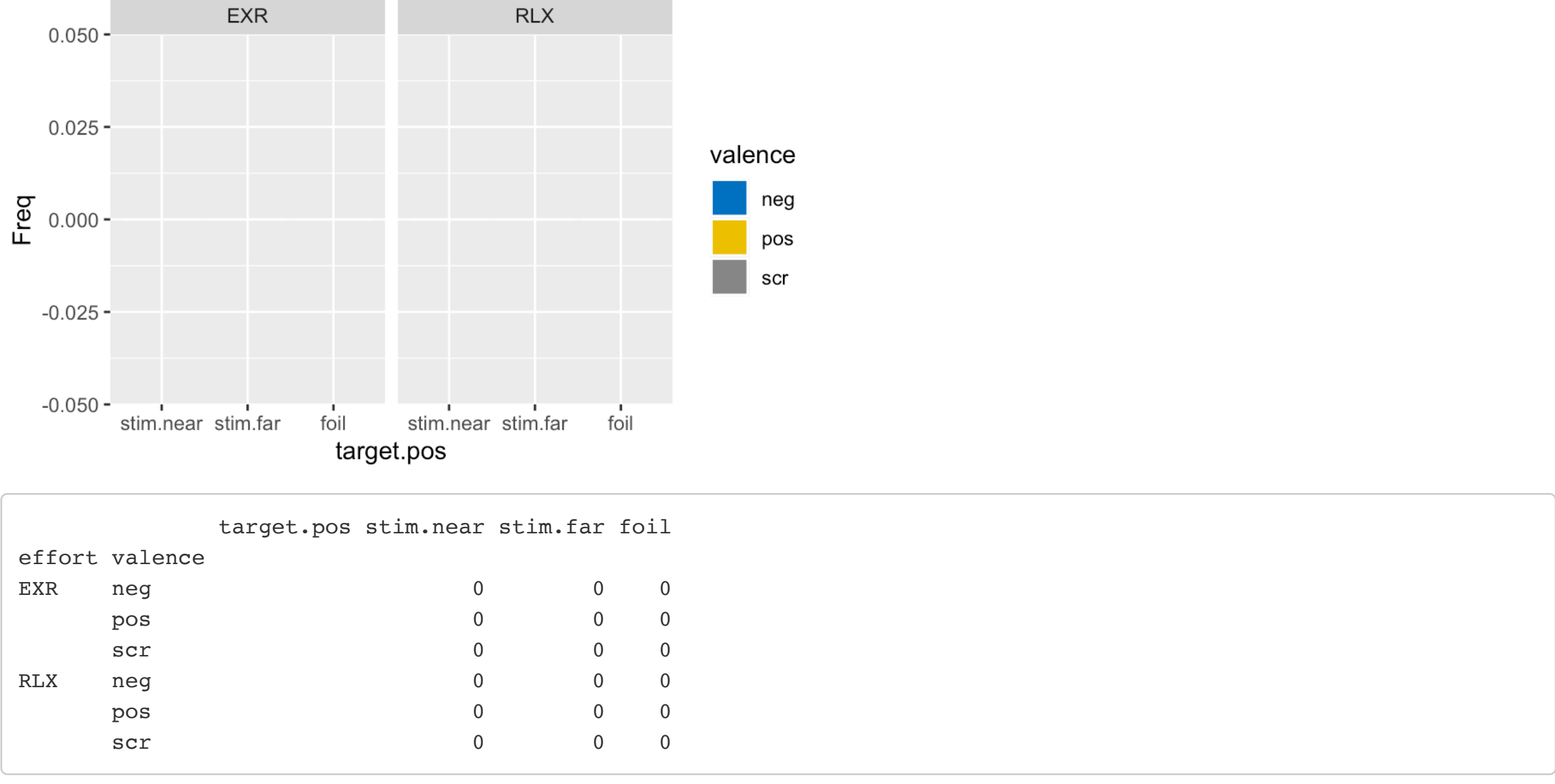
Number of correct responses



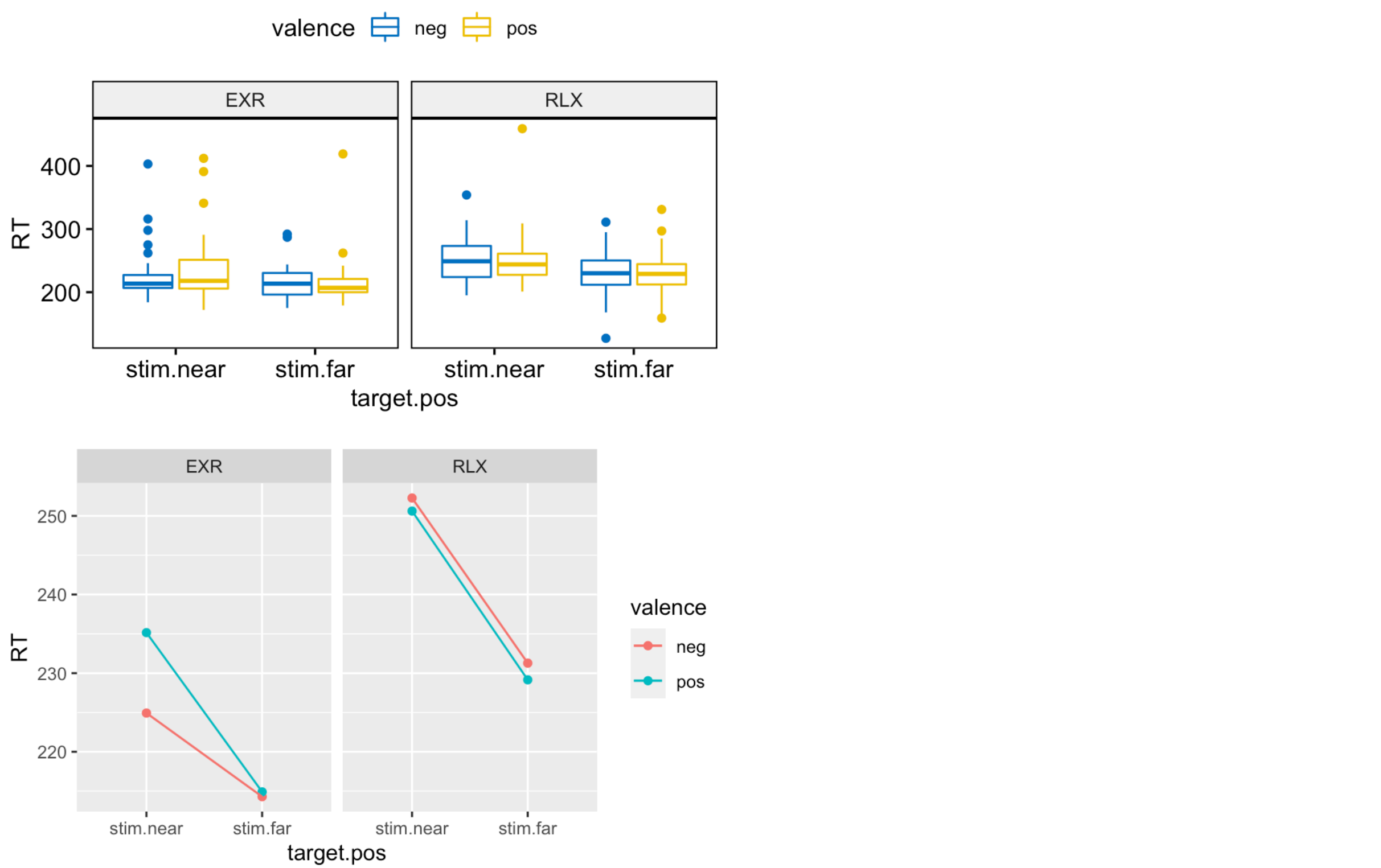
Number of errors of omission



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	1	1	262	TRUE	FALSE
2	neg	EXR	stim.near	3	1	298	TRUE	TRUE
3	neg	EXR	stim.near	1	1	275	TRUE	FALSE
4	neg	EXR	stim.near	3	1	316	TRUE	TRUE
5	neg	EXR	stim.near	8	1	403	TRUE	TRUE
6	pos	EXR	stim.near	1	1	391	TRUE	TRUE
7	pos	EXR	stim.near	1	1	341	TRUE	FALSE
8	pos	EXR	stim.near	8	1	412	TRUE	TRUE
9	neg	EXR	stim.far	1	1	287	TRUE	FALSE
10	neg	EXR	stim.far	5	1	292	TRUE	FALSE
11	pos	EXR	stim.far	1	1	419	TRUE	TRUE
12	pos	EXR	stim.far	1	1	262	TRUE	FALSE
13	neg	RLX	stim.near	7	1	354	TRUE	FALSE
14	pos	RLX	stim.near	5	1	459	TRUE	TRUE
15	neg	RLX	stim.far	5	1	311	TRUE	FALSE
16	neg	RLX	stim.far	1	1	127	TRUE	FALSE
17	pos	RLX	stim.far	6	1	297	TRUE	FALSE
18	pos	RLX	stim.far	6	1	331	TRUE	FALSE
19	pos	RLX	stim.far	5	1	159	TRUE	FALSE

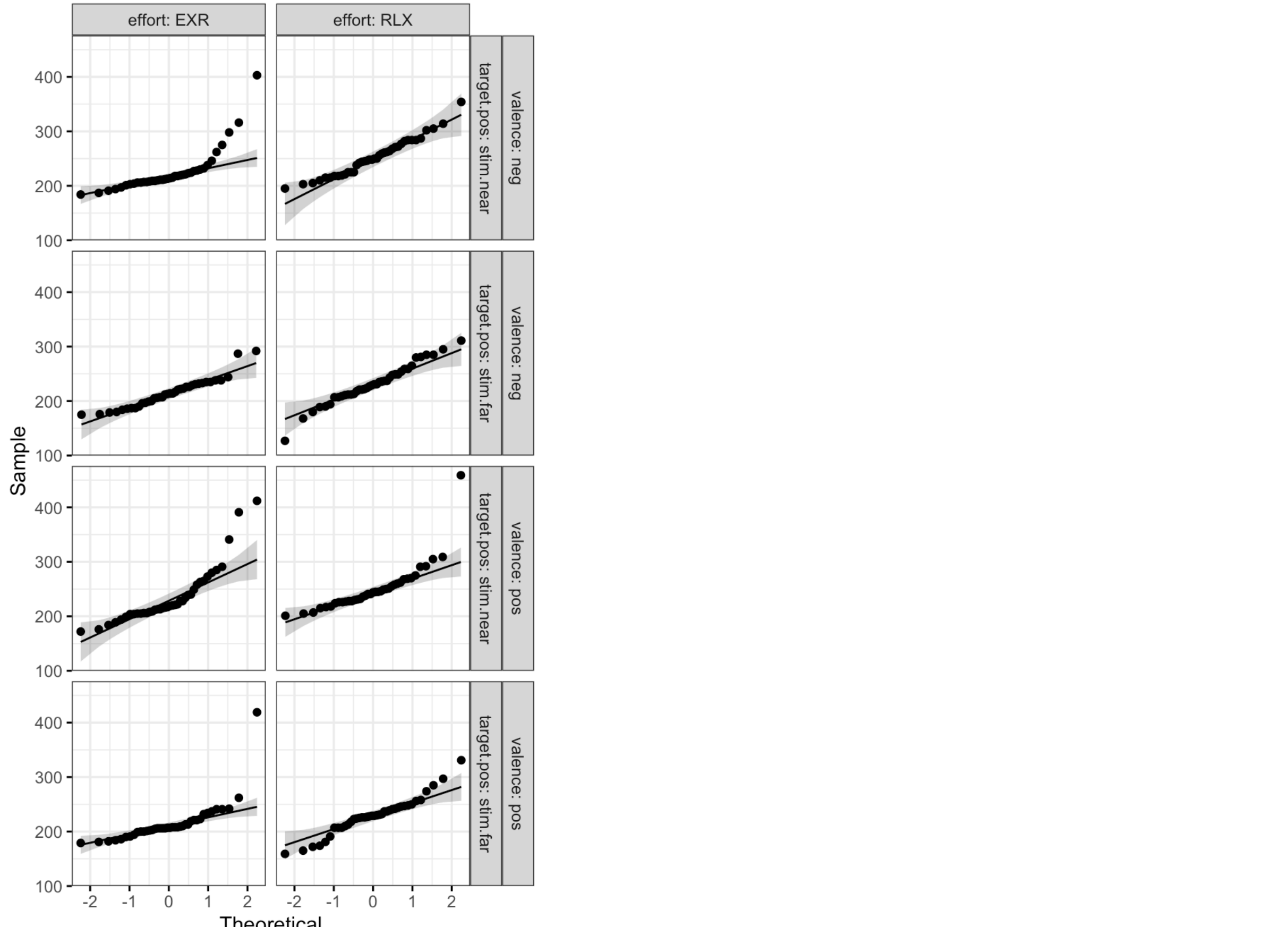
Normality check (Shapiro-Wilk)



Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.6851552	0.0000001
pos	EXR	stim.near	RT	0.7997118	0.0000067
neg	EXR	stim.far	RT	0.9256235	0.0146379
pos	EXR	stim.far	RT	0.5900837	0.0000000
neg	RLX	stim.near	RT	0.9642739	0.2338275
pos	RLX	stim.near	RT	0.7202658	0.0000003
neg	RLX	stim.far	RT	0.9799725	0.6885318
pos	RLX	stim.far	RT	0.9499972	0.0758137

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	309	0.9064799	0.5015962

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	309	0.169	0.682		0.000545
target.pos	1	309	17.95	2.99e-05	*	0.055
effort	1	309	18.26	2.57e-05	*	0.056
valence:target.pos	1	309	0.335	0.563		0.001
valence:effort	1	309	0.713	0.399		0.002
target.pos:effort	1	309	0.443	0.506		0.001
valence:target.pos:effort	1	309	0.278	0.598		0.000899

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	224.9	12.64
pos	EXR	stim.near	RT	40	235.2	16.51
neg	EXR	stim.far	RT	38	214.3	8.777
pos	EXR	stim.far	RT	40	214.9	12.14
neg	RLX	stim.near	RT	40	252.3	11
pos	RLX	stim.near	RT	39	250.6	13.94
neg	RLX	stim.far	RT	40	231.3	11.62
pos	RLX	stim.far	RT	40	229.2	10.9