

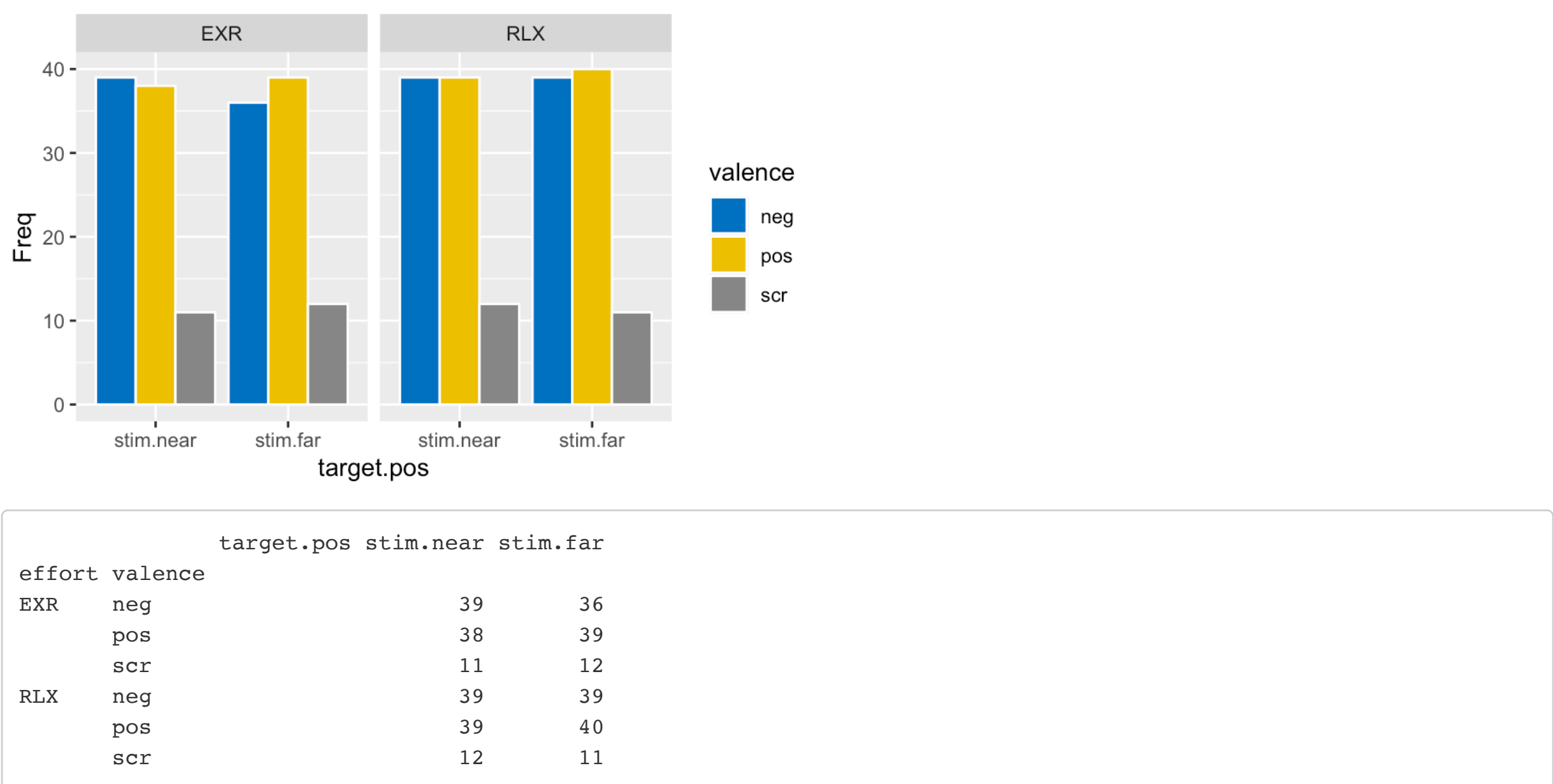
# EXP3 pilot, version 3 (invested effort)

## Subject 03

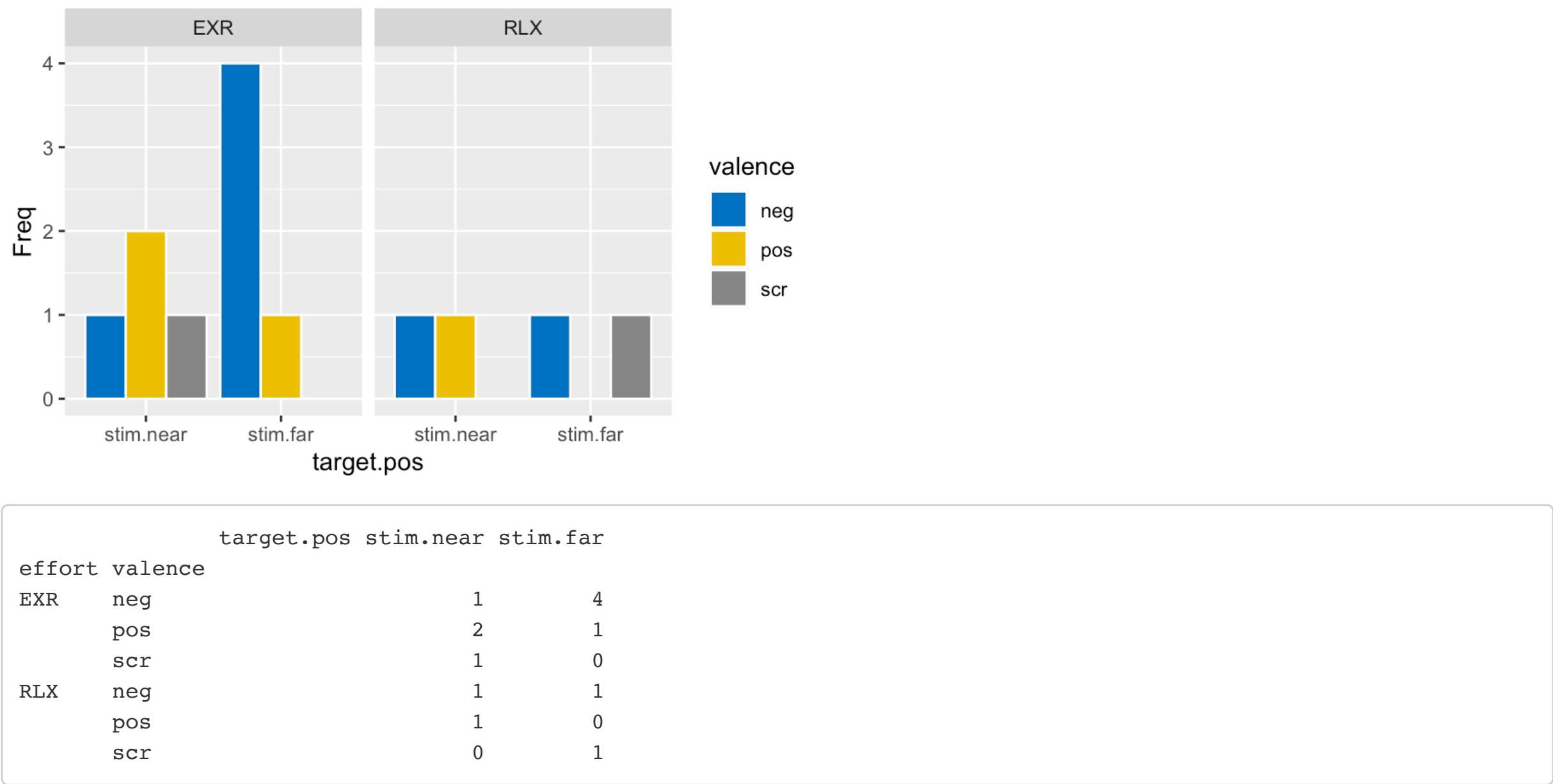
Abbreviations:

- *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



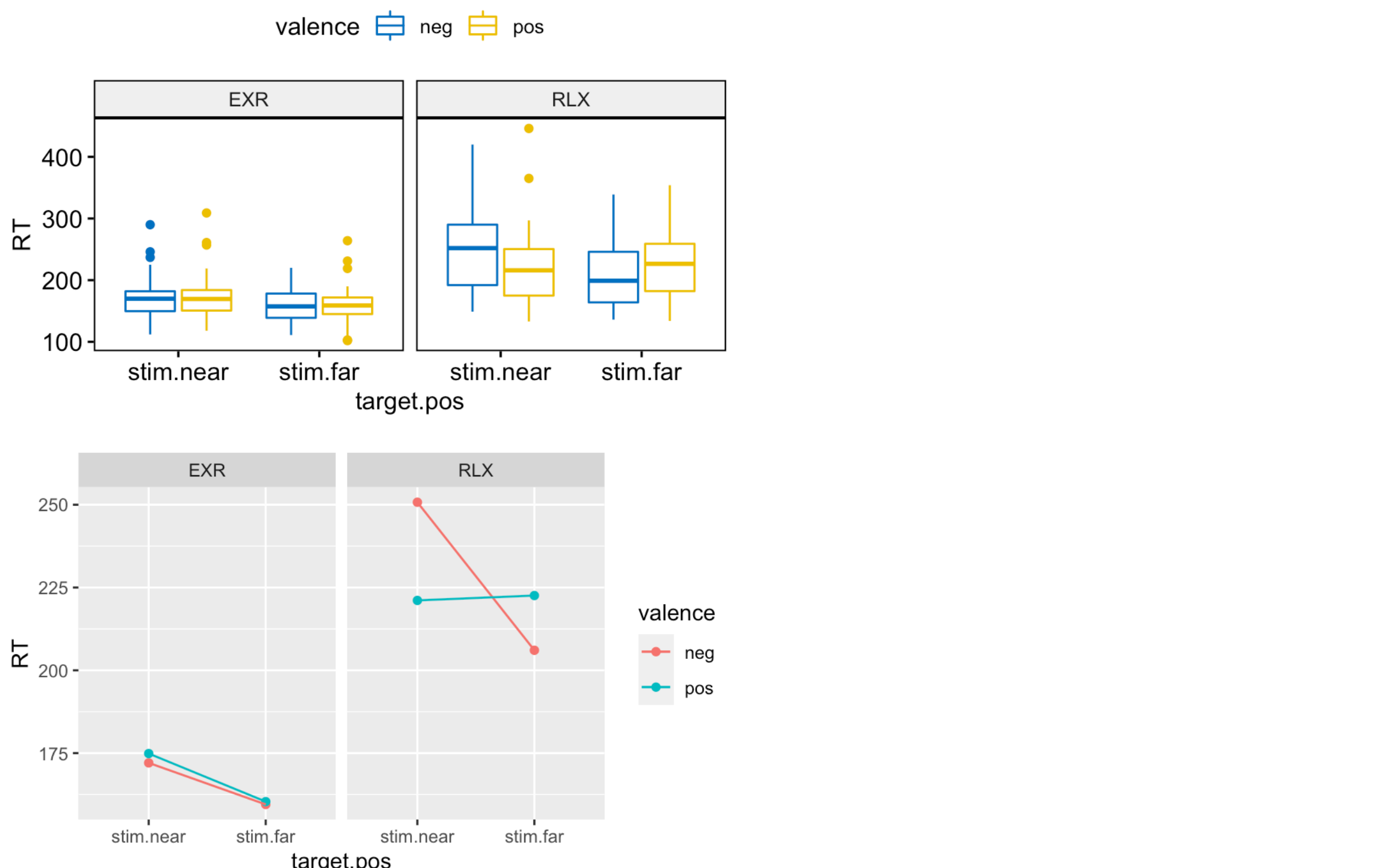
## Number of errors of omission



## Number of errors of commission



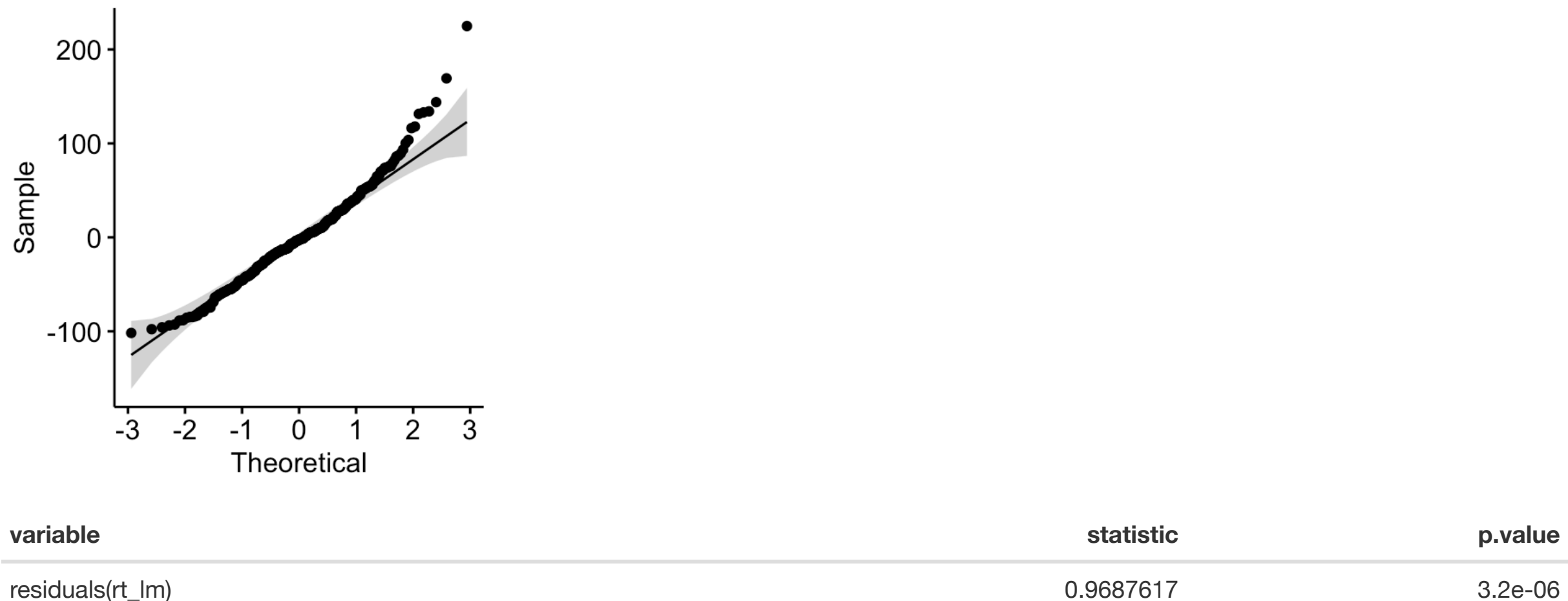
## Response times (correct trials only)



## Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	2	1	290	TRUE	TRUE
2	neg	EXR	stim.near	2	4	246	TRUE	FALSE
3	neg	EXR	stim.near	2	4	237	TRUE	FALSE
4	pos	EXR	stim.near	2	1	257	TRUE	FALSE
5	pos	EXR	stim.near	2	3	309	TRUE	TRUE
6	pos	EXR	stim.near	2	4	261	TRUE	FALSE
7	pos	EXR	stim.far	2	1	102	TRUE	FALSE
8	pos	EXR	stim.far	6	1	264	TRUE	TRUE
9	pos	EXR	stim.far	4	3	231	TRUE	FALSE
10	pos	EXR	stim.far	6	3	103	TRUE	FALSE
11	pos	EXR	stim.far	4	4	219	TRUE	FALSE
12	pos	RLX	stim.near	1	1	365	TRUE	FALSE
13	pos	RLX	stim.near	7	2	446	TRUE	FALSE

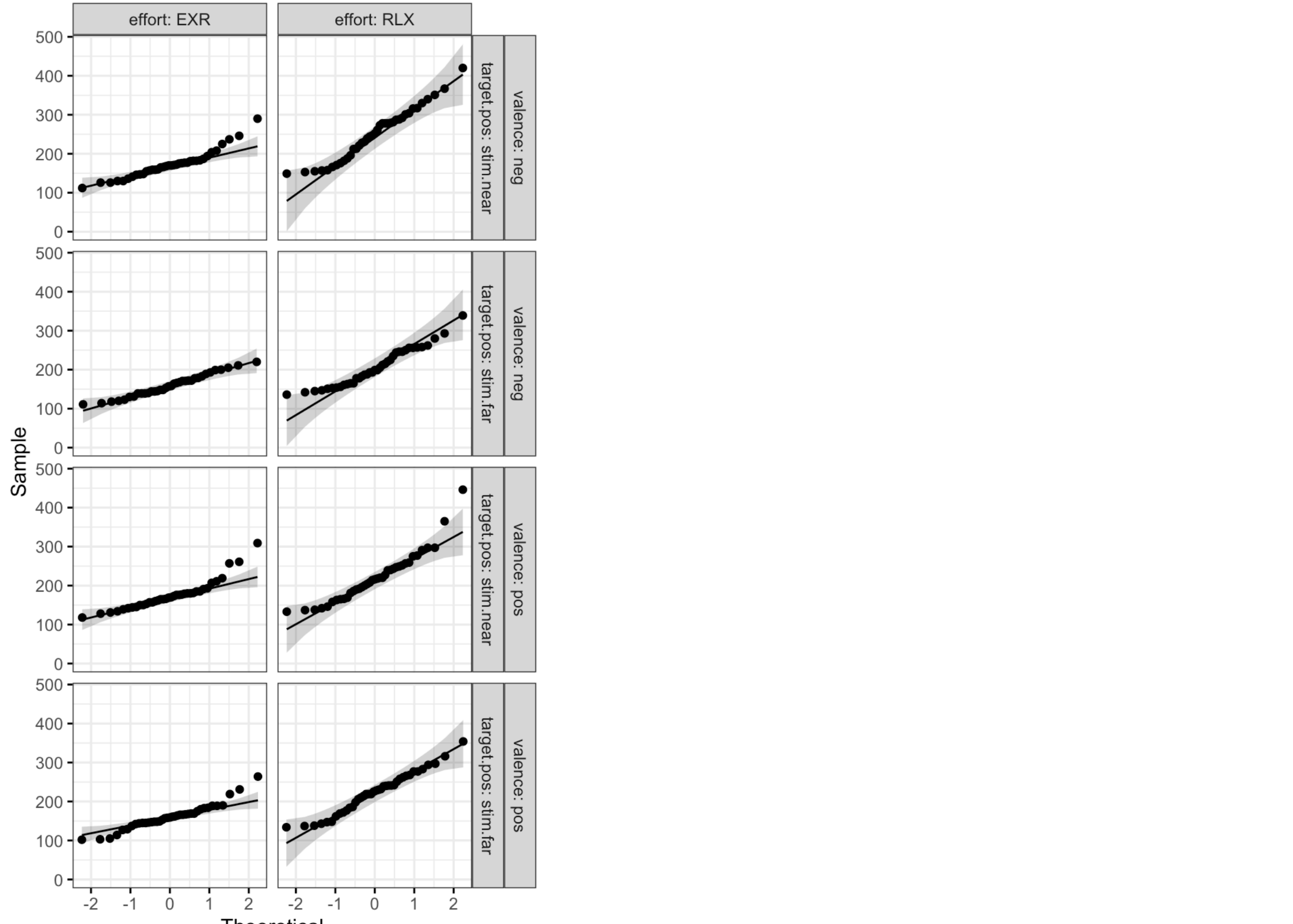
## Normality check (Shapiro-Wilk)



## Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9201367	0.0099276
pos	EXR	stim.near	RT	0.8708361	0.0004224
neg	EXR	stim.far	RT	0.9750333	0.5778039
pos	EXR	stim.far	RT	0.9369589	0.0302188
neg	RLX	stim.near	RT	0.9644755	0.2506636
pos	RLX	stim.near	RT	0.9141026	0.0057417
neg	RLX	stim.far	RT	0.9476875	0.0686923
pos	RLX	stim.far	RT	0.9751748	0.5158563

## Cell-wise QQplot for each cell



## Homogeneity of variance

df1	df2	statistic	p
7	300	6.568206	3e-07

## ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	300	0.185	0.667		0.000617
target.pos	1	300	10.23	0.002	*	0.033
effort	1	300	113.3	1.15e-22	*	0.274
valence:target.pos	1	300	4.218	0.041	*	0.014
valence:effort	1	300	0.585	0.445		0.002
target.pos:effort	1	300	0.498	0.481		0.002
valence:target.pos:effort	1	300	4.787	0.029	*	0.016

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	38	172.1	11.66
pos	EXR	stim.near	RT	38	174.9	12.52
neg	EXR	stim.far	RT	36	159.5	9.727
pos	EXR	stim.far	RT	39	160.4	10.54
neg	RLX	stim.near	RT	39	250.7	21.78
pos	RLX	stim.near	RT	39	221.1	20.78
neg	RLX	stim.far	RT	39	206.1	15.78
pos	RLX	stim.far	RT	40	222.6	17.04