

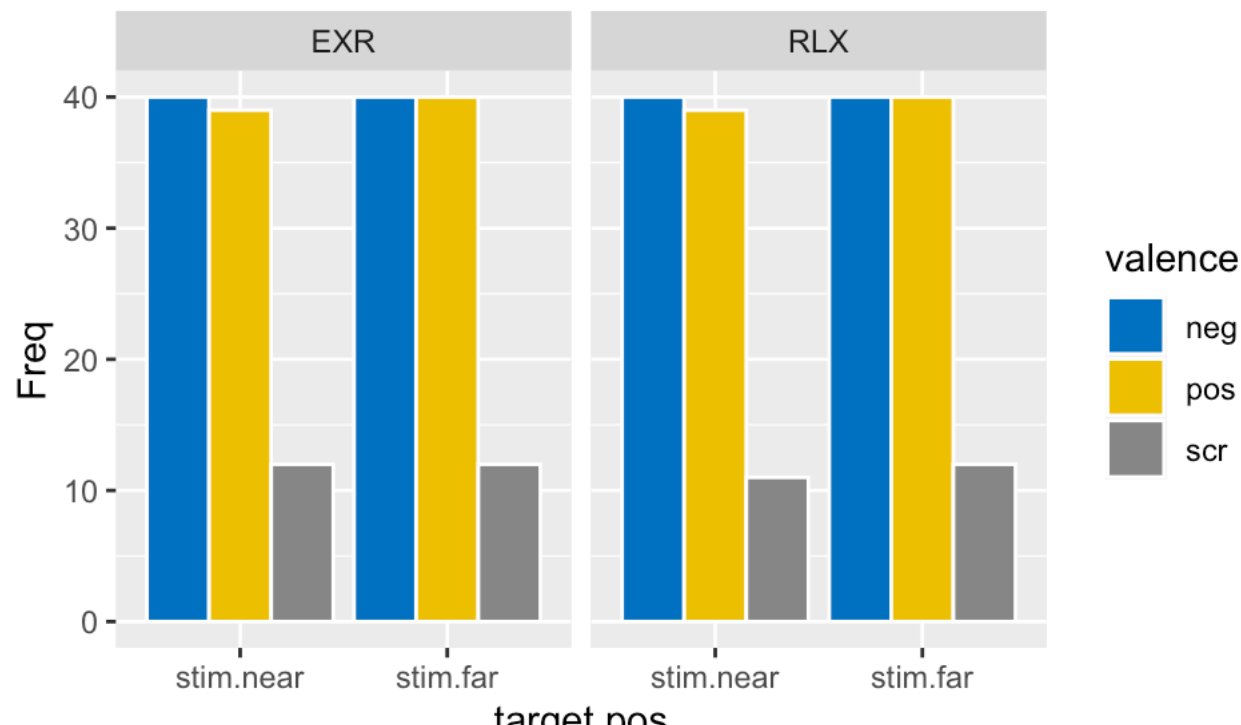
EXP3 pilot, version 3 (invested effort)

Subject 05

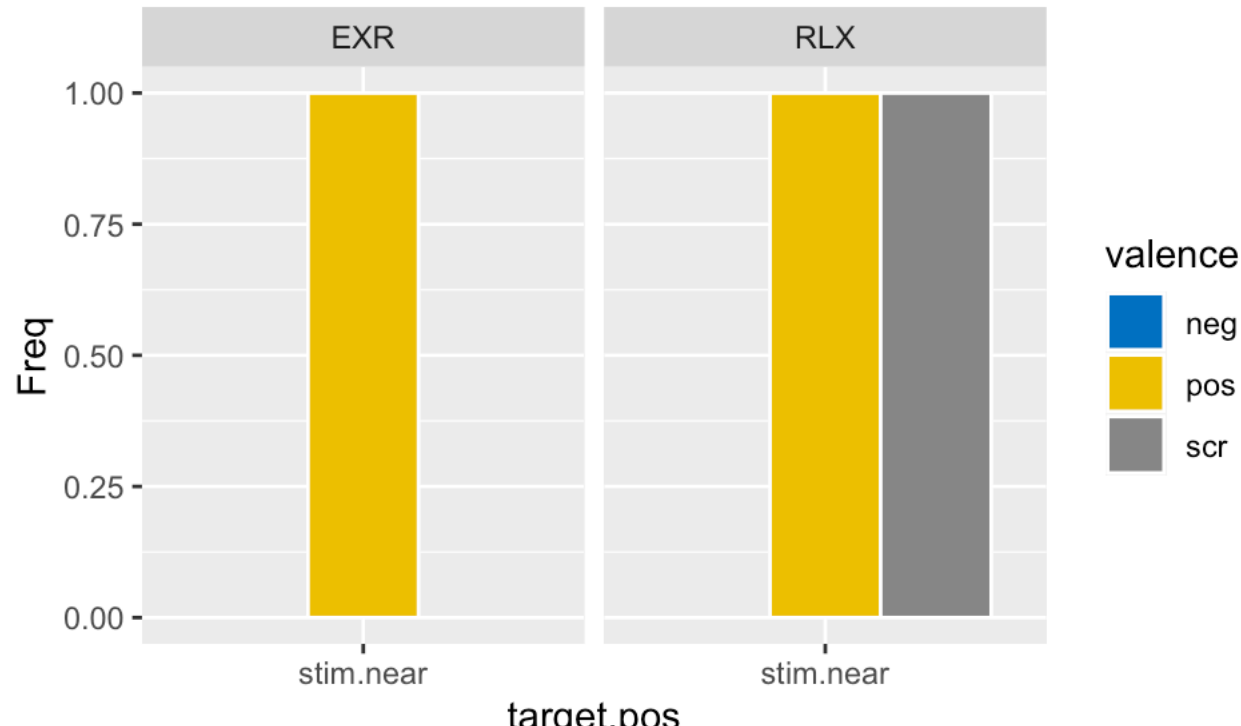
Abbreviations:

- *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)

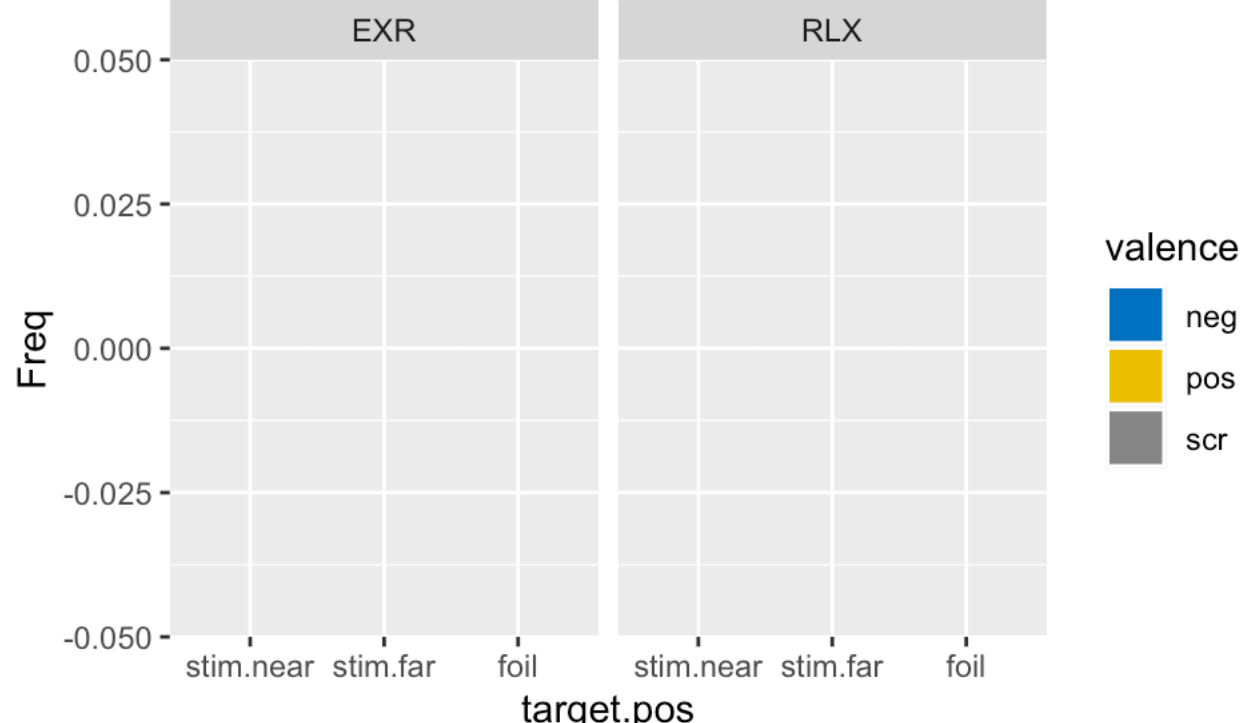
Number of correct responses



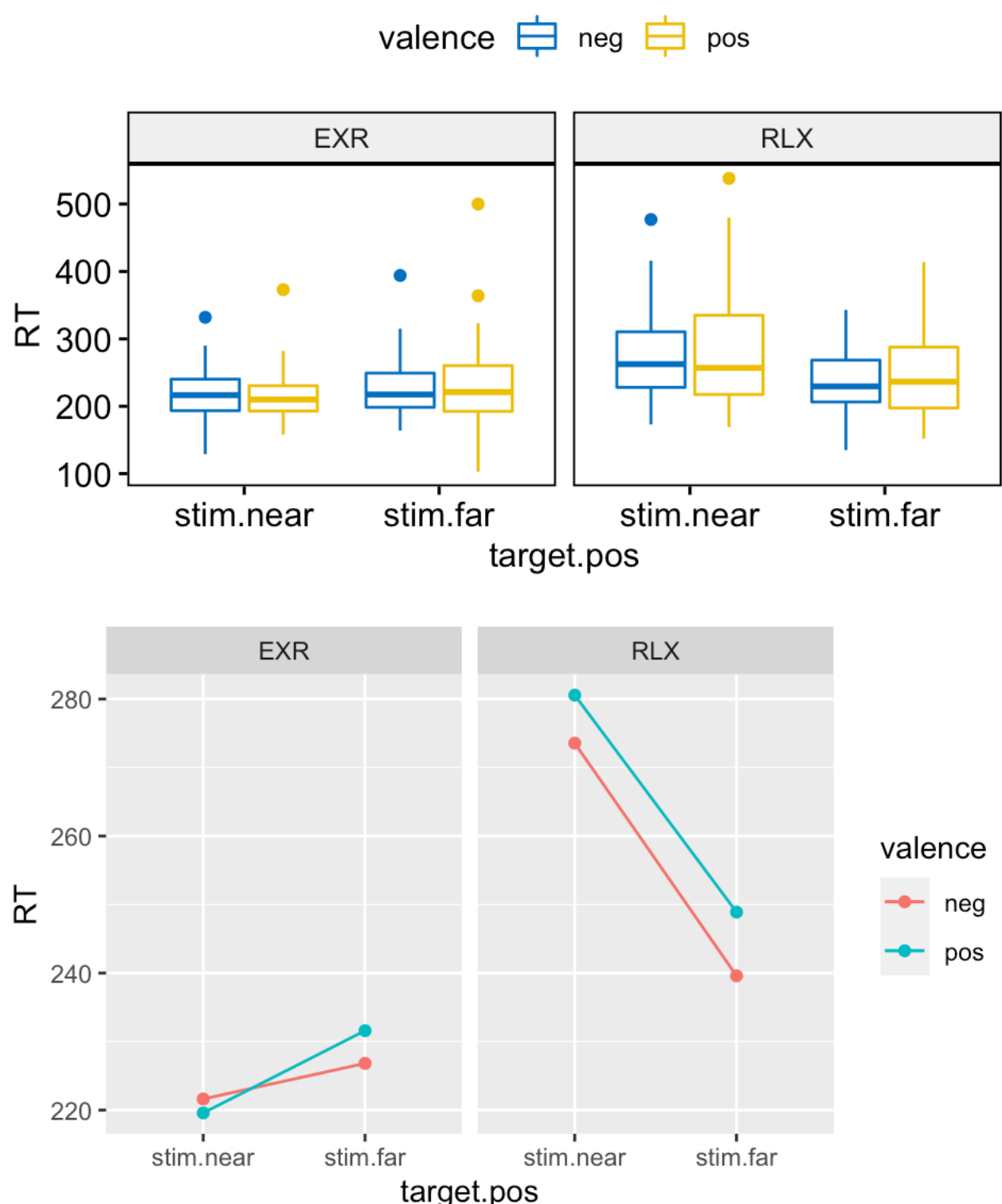
Number of errors of omission



Number of errors of commission



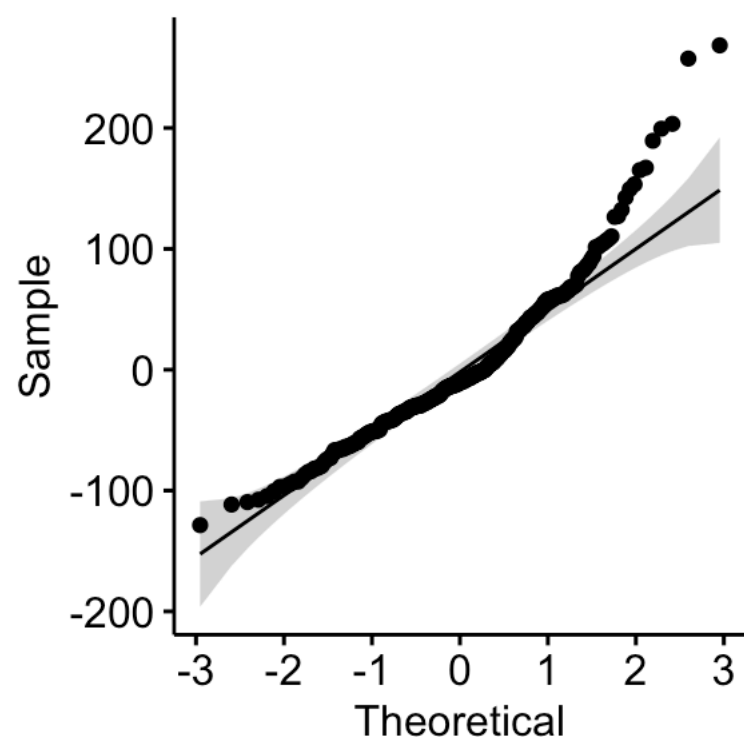
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	8	1	332	TRUE	FALSE
2	pos	EXR	stim.near	5	1	373	TRUE	TRUE
3	neg	EXR	stim.far	2	1	394	TRUE	FALSE
4	pos	EXR	stim.far	5	1	364	TRUE	FALSE
5	pos	EXR	stim.far	6	1	500	TRUE	TRUE
6	neg	RLX	stim.near	3	1	477	TRUE	FALSE
7	pos	RLX	stim.near	3	1	538	TRUE	FALSE

Normality check (Shapiro-Wilk)

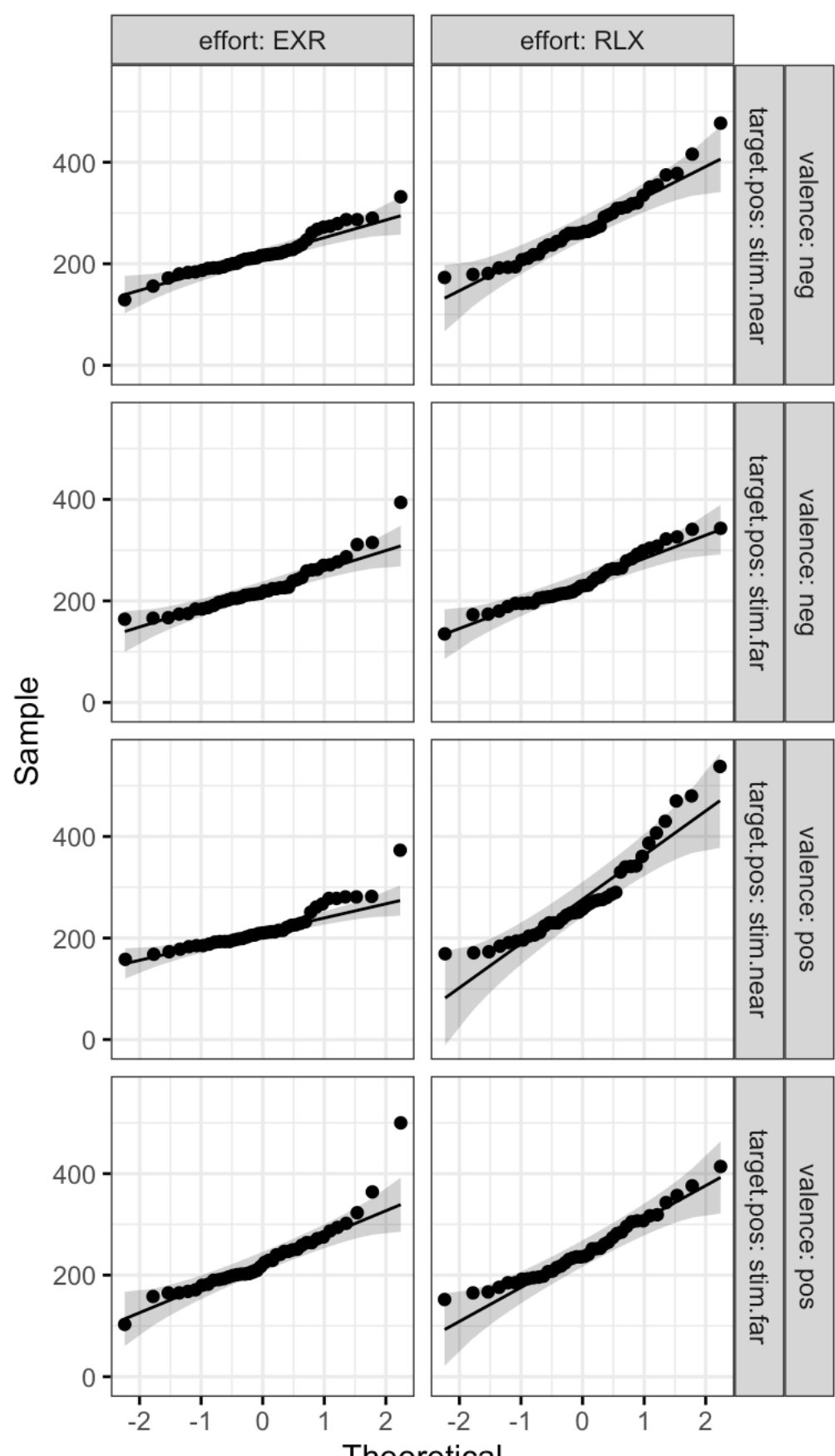


variable	statistic	p.value
residuals(rt_lm)	0.9342792	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9617200	0.1917123
pos	EXR	stim.near	RT	0.8726484	0.0003967
neg	EXR	stim.far	RT	0.9026460	0.0022845
pos	EXR	stim.far	RT	0.8749586	0.0003860
neg	RLX	stim.near	RT	0.9500585	0.0761824
pos	RLX	stim.near	RT	0.8974252	0.0018630
neg	RLX	stim.far	RT	0.9638531	0.2263425
pos	RLX	stim.far	RT	0.9577927	0.1407097

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	310	3.512993	0.0012089

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	310	0.499	0.481		0.002
target.pos	1	310	3.206	0.074		0.01
effort	1	310	27.66	2.7e-07	*	0.082
valence:target.pos	1	310	0.113	0.737		0.000364
valence:effort	1	310	0.25	0.617		0.000807
target.pos:effort	1	310	9.357	0.002	*	0.029
valence:target.pos:effort	1	310	0.028	0.867		9.01e-05

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	221.6	13.13
pos	EXR	stim.near	RT	39	219.6	13.67
neg	EXR	stim.far	RT	40	226.8	14.92
pos	EXR	stim.far	RT	40	231.6	21.32
neg	RLX	stim.near	RT	40	273.6	21.6
pos	RLX	stim.near	RT	39	280.6	29.45
neg	RLX	stim.far	RT	40	239.6	16
pos	RLX	stim.far	RT	40	248.9	19.68