

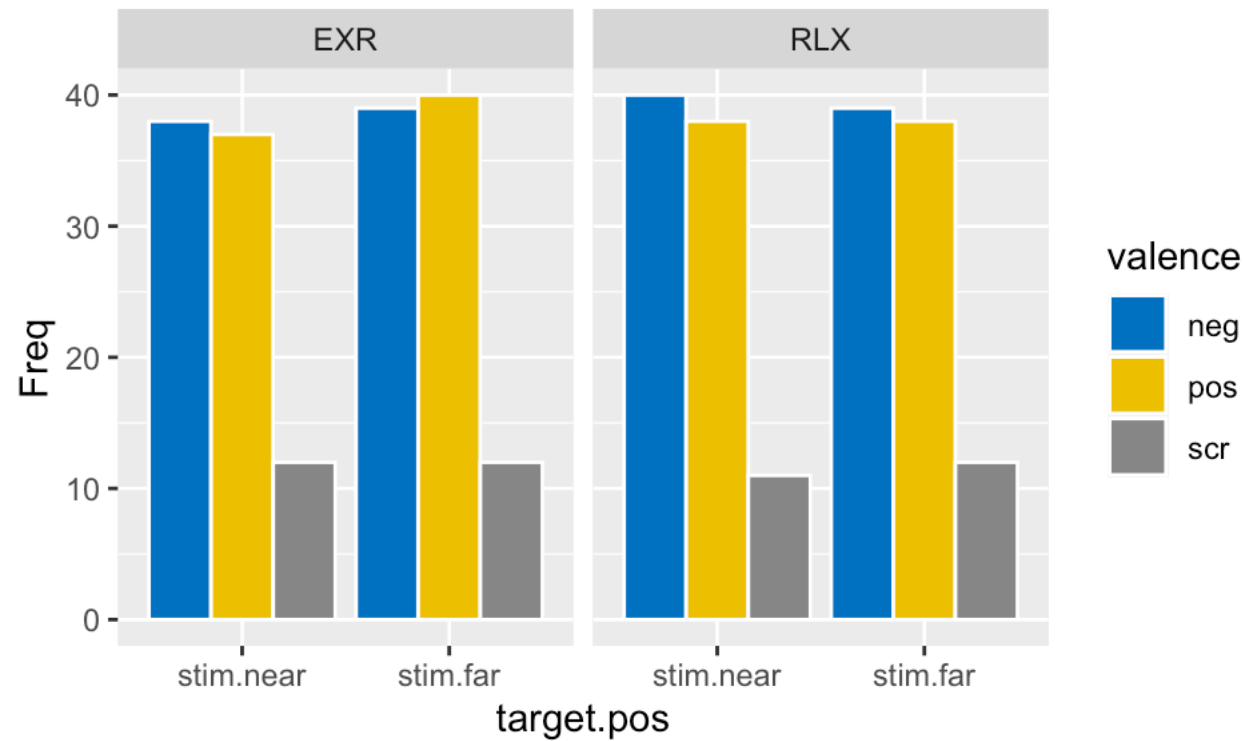
EXP3 pilot, version 3 (invested effort)

Subject 17

Abbreviations:

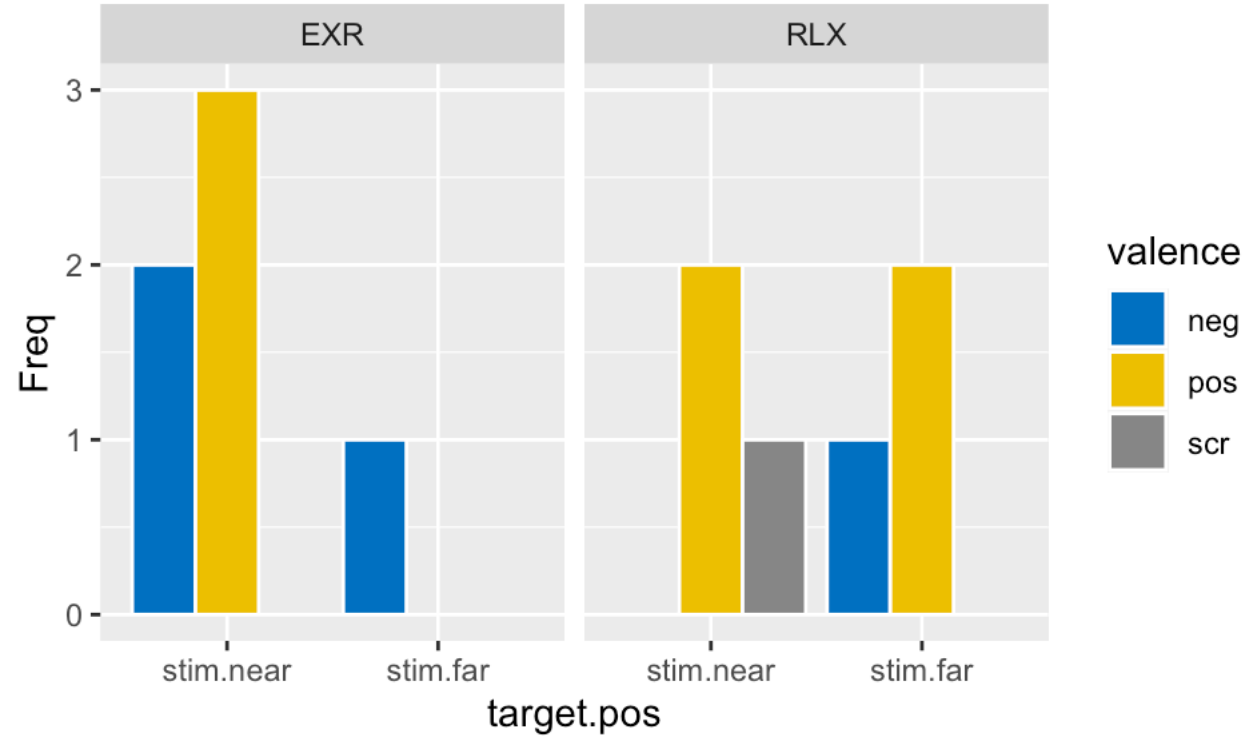
- *neg*, *pos*, *scr*: negative, positive, and scrambled faces, respectively
- *stim.near*, *stim.far*: position of the target (red ball) with respect to the face stimulus (*stim.near* = near the face stimulus)
- *EXR*, *RLX*: level of invested effort (EXR=max, RLX=min)

Number of correct responses



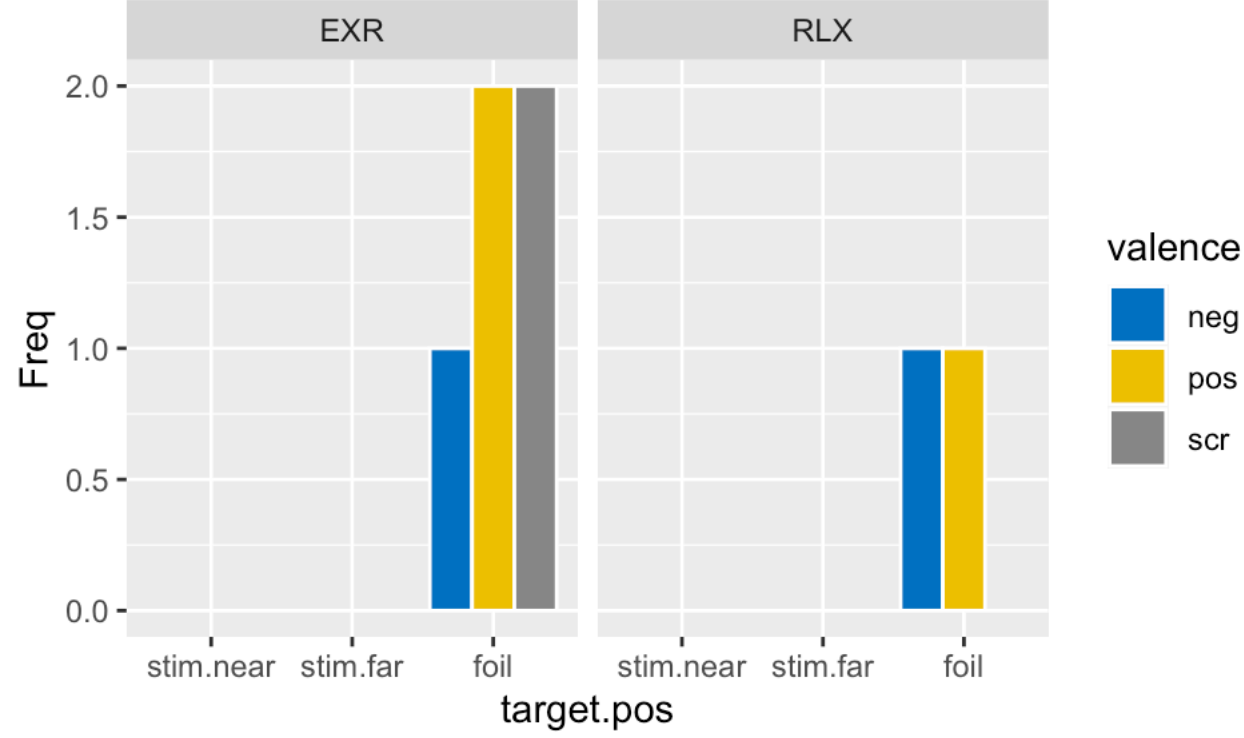
		target.pos	stim.near	stim.far
effort	valence			
EXR	neg		38	39
	pos		37	40
	scr		12	12
RLX	neg		40	39
	pos		38	38
	scr		11	12

Number of errors of omission



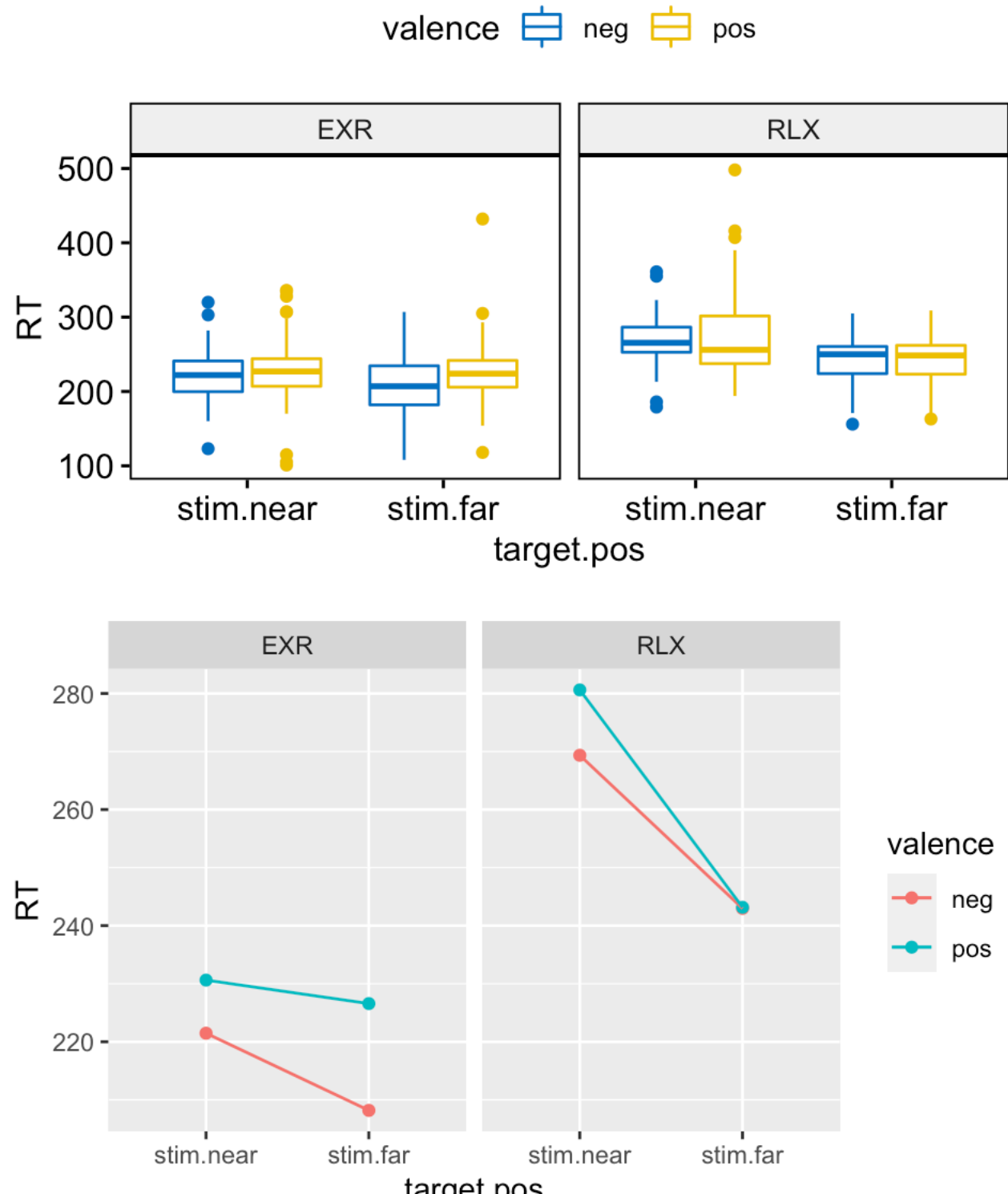
		target.pos	stim.near	stim.far
effort	valence			
EXR	neg		2	1
	pos		3	0
	scr		0	0
RLX	neg		0	1
	pos		2	2
	scr		1	0

Number of errors of commission



		target.pos	stim.near	stim.far	foil
effort	valence				
EXR	neg		0	0	1
	pos		0	0	2
	scr		0	0	2
RLX	neg		0	0	1
	pos		0	0	1
	scr		0	0	0

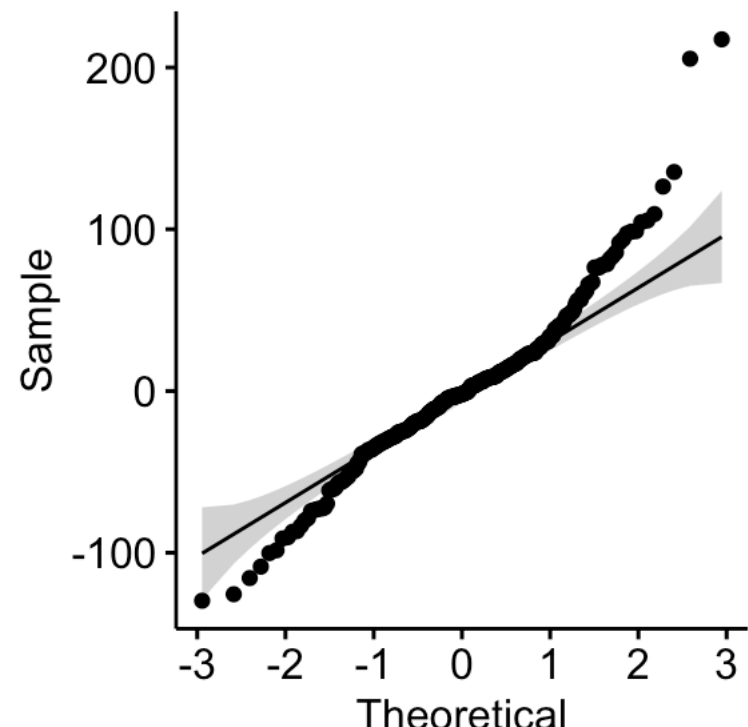
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	1	1	320	TRUE	FALSE
2	neg	EXR	stim.near	2	1	303	TRUE	FALSE
3	neg	EXR	stim.near	8	1	123	TRUE	FALSE
4	pos	EXR	stim.near	1	1	336	TRUE	FALSE
5	pos	EXR	stim.near	1	1	307	TRUE	FALSE
6	pos	EXR	stim.near	5	1	335	TRUE	FALSE
7	pos	EXR	stim.near	4	1	328	TRUE	FALSE
8	pos	EXR	stim.near	6	1	115	TRUE	FALSE
9	pos	EXR	stim.near	8	1	307	TRUE	FALSE
10	pos	EXR	stim.near	5	1	105	TRUE	FALSE
11	pos	EXR	stim.near	8	1	101	TRUE	FALSE
12	pos	EXR	stim.far	1	1	432	TRUE	TRUE
13	pos	EXR	stim.far	5	1	305	TRUE	FALSE
14	pos	EXR	stim.far	3	1	118	TRUE	FALSE
15	neg	RLX	stim.near	8	1	361	TRUE	FALSE
16	neg	RLX	stim.near	3	1	355	TRUE	FALSE
17	neg	RLX	stim.near	4	1	186	TRUE	FALSE
18	neg	RLX	stim.near	7	1	179	TRUE	FALSE
19	pos	RLX	stim.near	4	1	407	TRUE	FALSE
20	pos	RLX	stim.near	4	1	416	TRUE	FALSE
21	pos	RLX	stim.near	1	1	498	TRUE	TRUE
22	neg	RLX	stim.far	8	1	156	TRUE	FALSE
23	pos	RLX	stim.far	8	1	163	TRUE	FALSE

Normality check (Shapiro-Wilk)

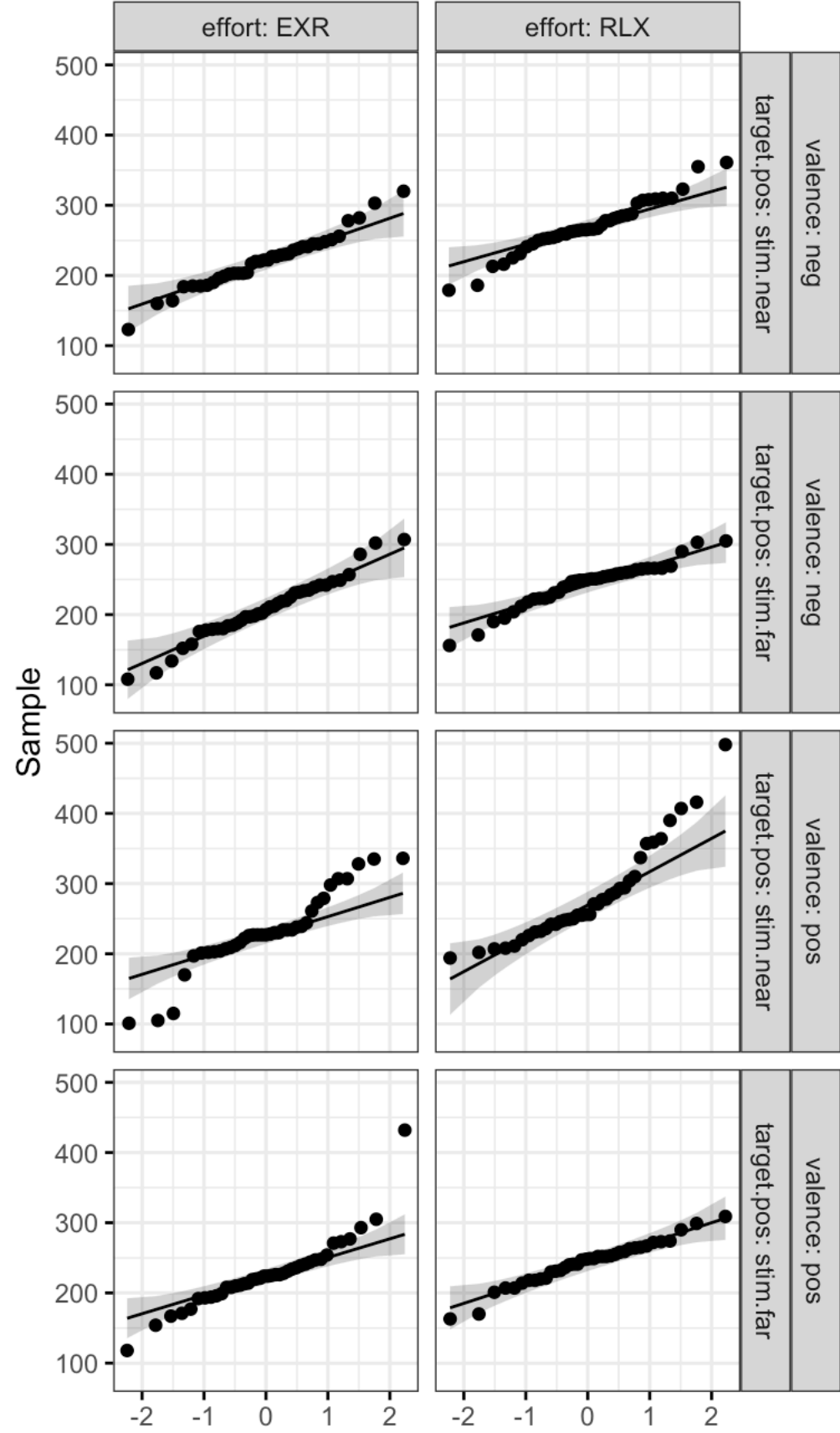


variable	statistic	p.value
residuals(rt_lm)	0.9517152	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9758460	0.5713264
pos	EXR	stim.near	RT	0.9173117	0.0092511
neg	EXR	stim.far	RT	0.9778722	0.6263826
pos	EXR	stim.far	RT	0.8655921	0.0002201
neg	RLX	stim.near	RT	0.9697421	0.3531963
pos	RLX	stim.near	RT	0.8854313	0.0010139
neg	RLX	stim.far	RT	0.9431834	0.0485429
pos	RLX	stim.far	RT	0.9717137	0.4397651

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	301	2.459257	0.0181962

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	301	3.55	0.06		0.012
target.pos	1	301	15.17	0.000121	*	0.048
effort	1	301	51.01	6.93e-12	*	0.145
valence:target.pos	1	301	0.008	0.928		2.75e-05
valence:effort	1	301	0.613	0.434		0.002
target.pos:effort	1	301	4.937	0.027	*	0.016
valence:target.pos:effort	1	301	0.952	0.33		0.003

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	38	221.5	12.63
pos	EXR	stim.near	RT	37	230.6	18.33
neg	EXR	stim.far	RT	39	208.2	14.18
pos	EXR	stim.far	RT	40	226.6	15.77
neg	RLX	stim.near	RT	40	269.4	12.19
pos	RLX	stim.near	RT	38	280.6	22.28
neg	RLX	stim.far	RT	39	243	10.19
pos	RLX	stim.far	RT	38	243.2	10.12