

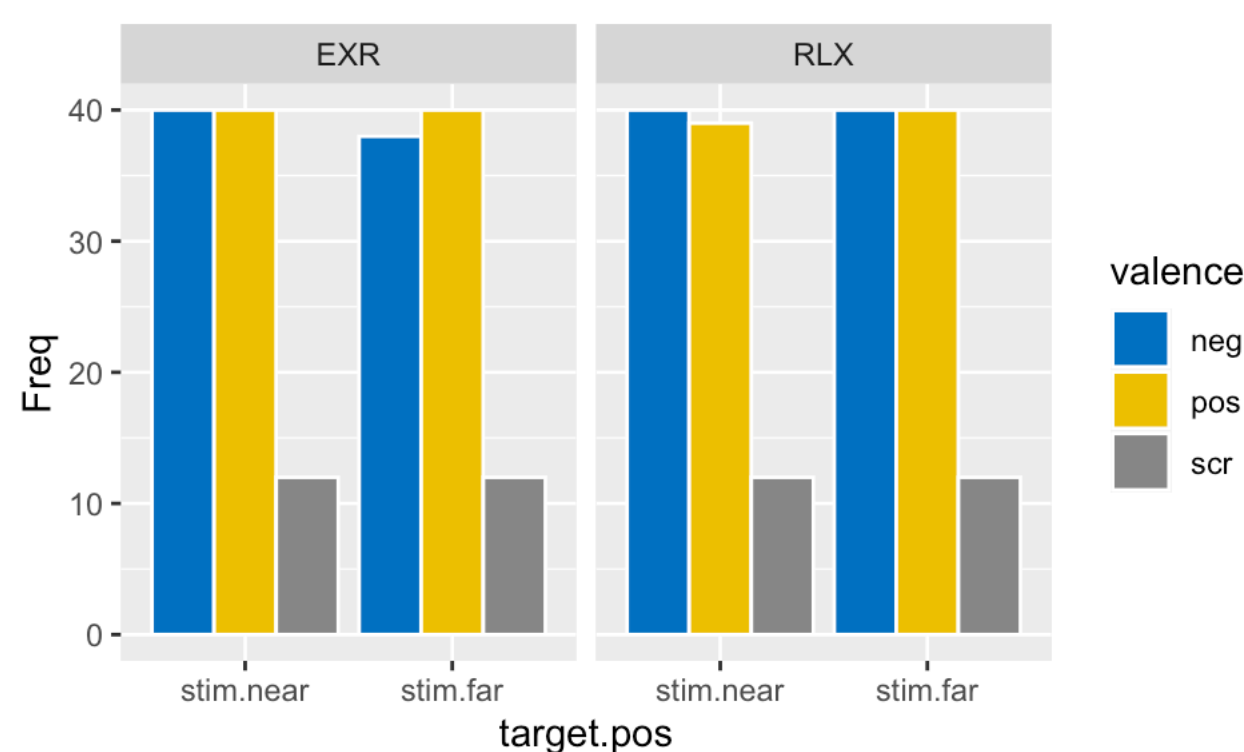
EXP3 pilot, version 3 (invested effort)

Subject 19

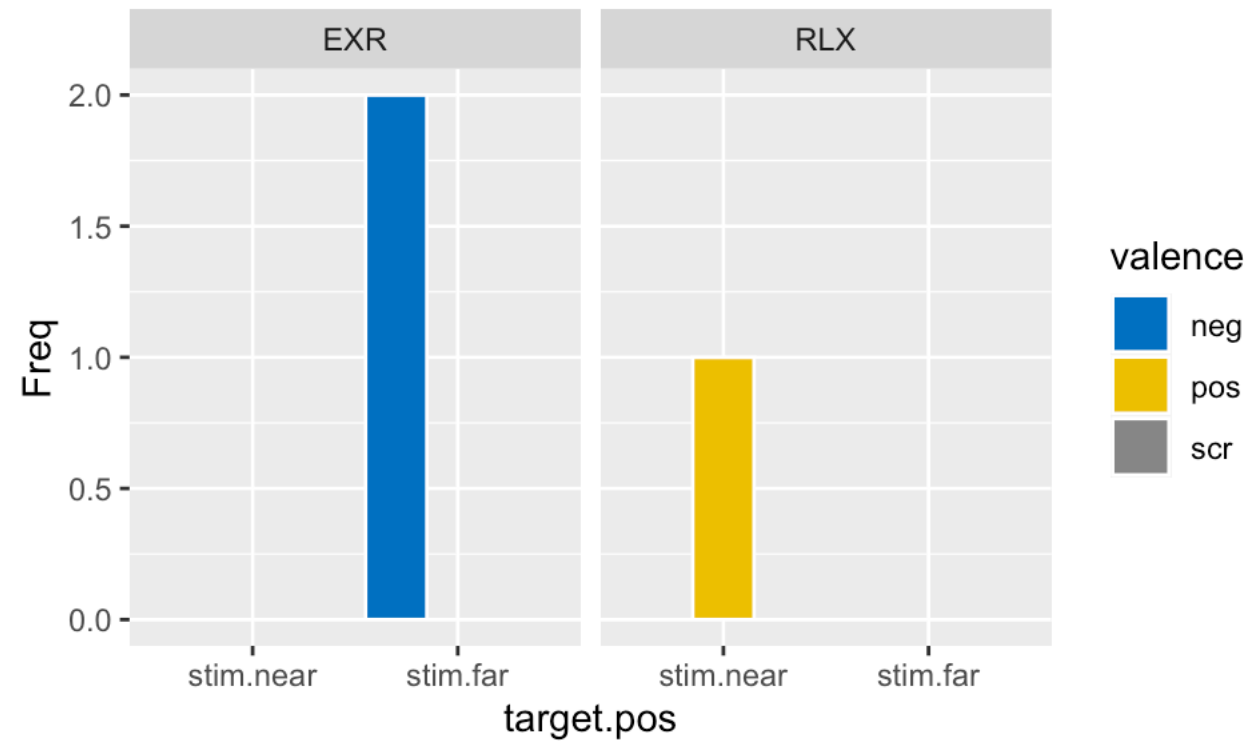
Abbreviations:

- *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)

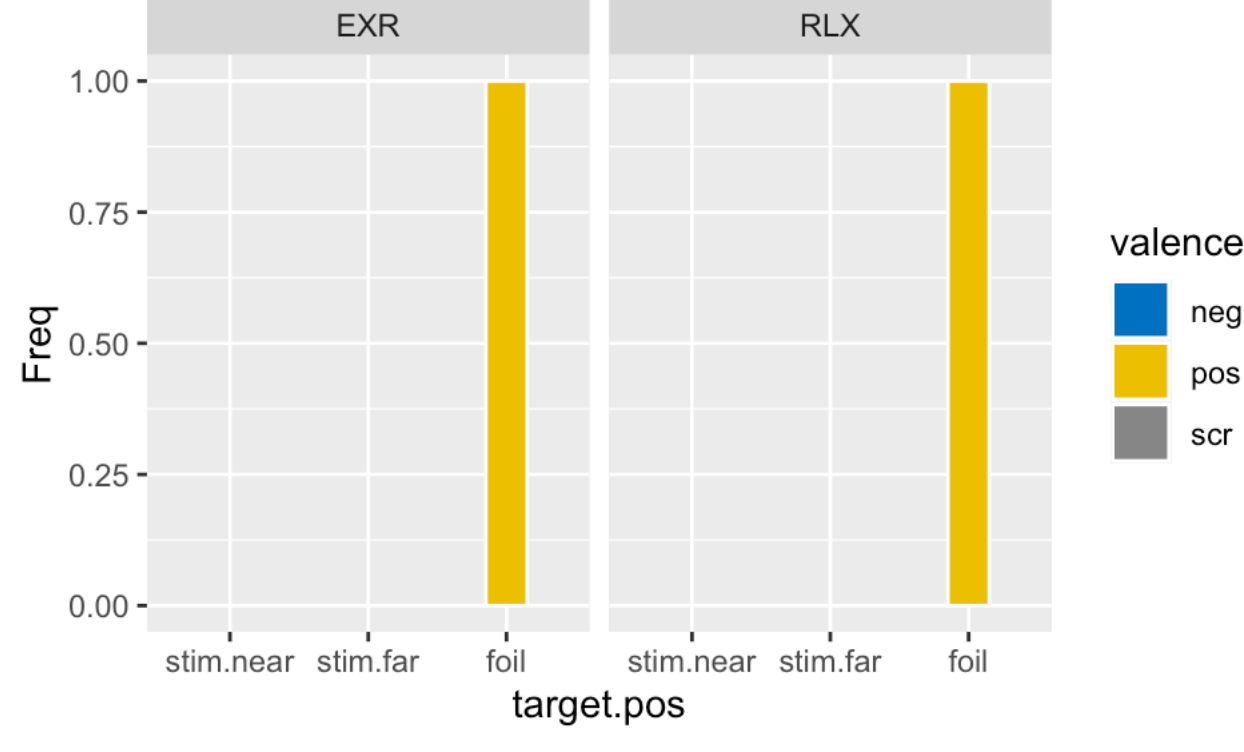
Number of correct responses



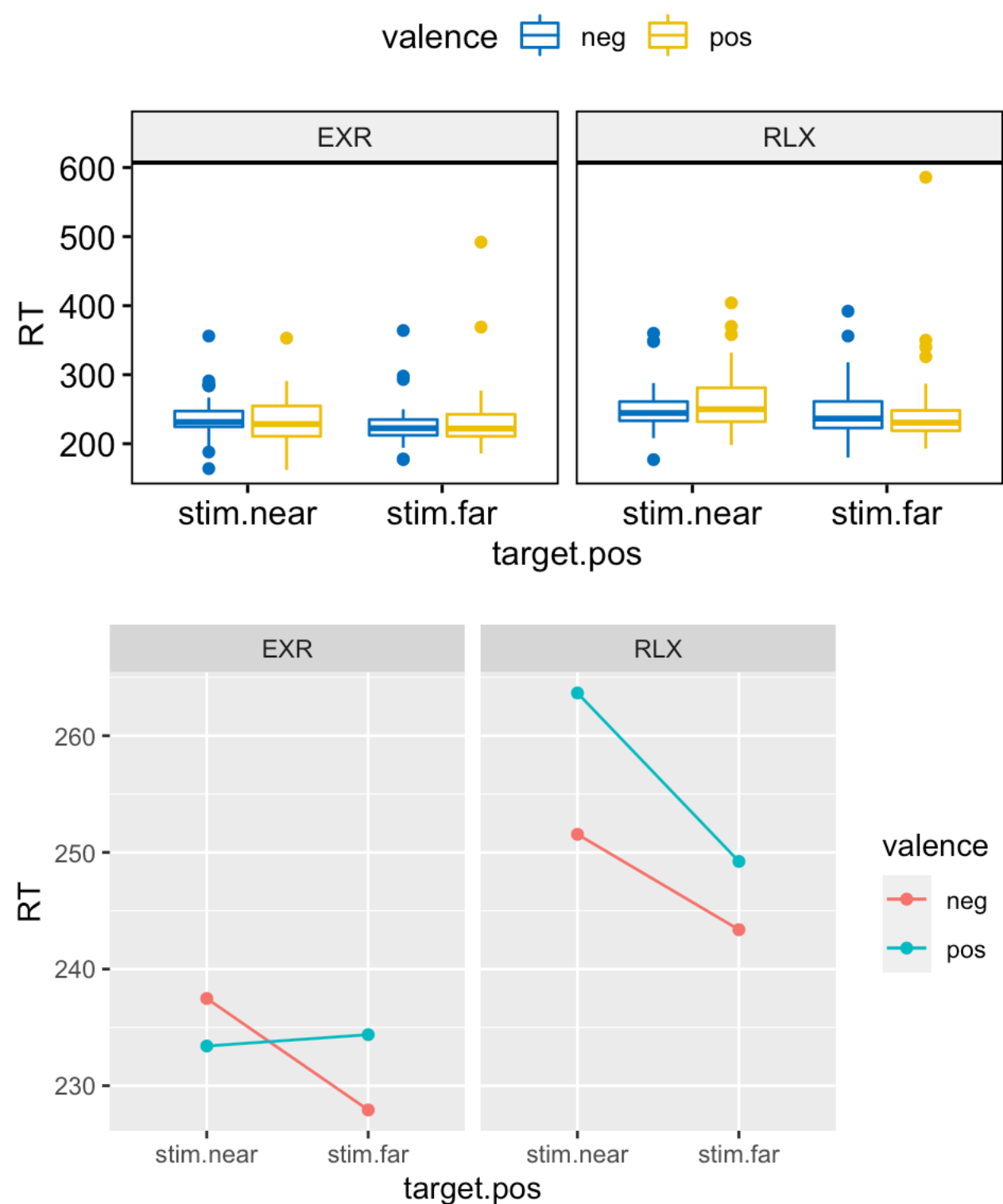
Number of errors of omission



Number of errors of commission



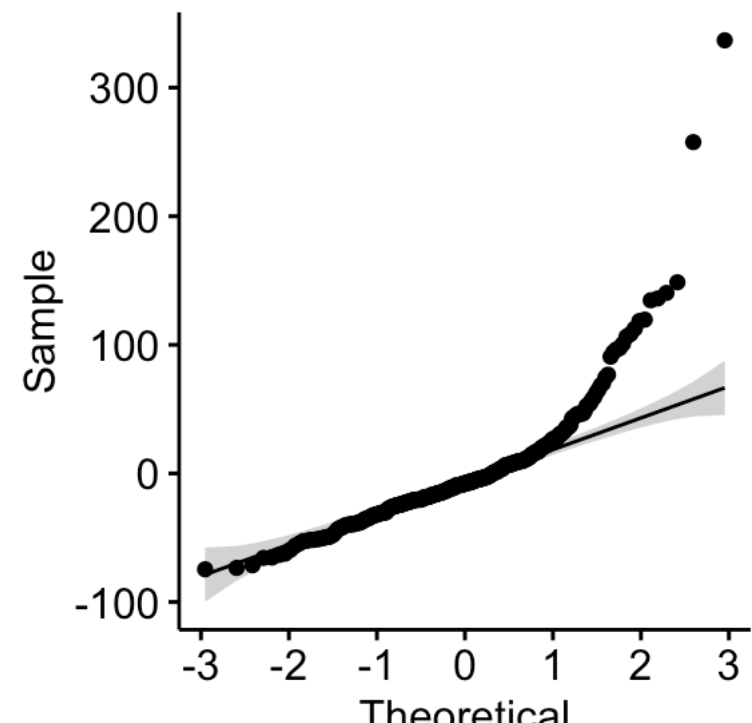
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	1	1	188	TRUE	FALSE
2	neg	EXR	stim.near	3	1	164	TRUE	FALSE
3	neg	EXR	stim.near	3	1	356	TRUE	TRUE
4	neg	EXR	stim.near	3	1	284	TRUE	FALSE
5	neg	EXR	stim.near	5	1	284	TRUE	FALSE
6	neg	EXR	stim.near	2	1	286	TRUE	FALSE
7	neg	EXR	stim.near	2	1	291	TRUE	FALSE
8	pos	EXR	stim.near	2	1	353	TRUE	FALSE
9	neg	EXR	stim.far	1	1	178	TRUE	FALSE
10	neg	EXR	stim.far	4	1	177	TRUE	FALSE
11	neg	EXR	stim.far	6	1	298	TRUE	FALSE
12	neg	EXR	stim.far	3	1	364	TRUE	TRUE
13	neg	EXR	stim.far	2	1	293	TRUE	FALSE
14	pos	EXR	stim.far	1	1	492	TRUE	TRUE
15	pos	EXR	stim.far	6	1	369	TRUE	TRUE
16	neg	RLX	stim.near	1	1	349	TRUE	TRUE
17	neg	RLX	stim.near	2	1	177	TRUE	FALSE
18	neg	RLX	stim.near	3	1	348	TRUE	TRUE
19	neg	RLX	stim.near	3	1	360	TRUE	TRUE
20	pos	RLX	stim.near	7	1	404	TRUE	FALSE
21	pos	RLX	stim.near	6	1	358	TRUE	FALSE
22	pos	RLX	stim.near	1	1	370	TRUE	FALSE
23	neg	RLX	stim.far	4	1	392	TRUE	TRUE
24	neg	RLX	stim.far	1	1	356	TRUE	FALSE
25	pos	RLX	stim.far	2	1	340	TRUE	TRUE
26	pos	RLX	stim.far	4	1	350	TRUE	TRUE
27	pos	RLX	stim.far	4	1	326	TRUE	FALSE
28	pos	RLX	stim.far	7	1	586	TRUE	TRUE

Normality check (Shapiro-Wilk)

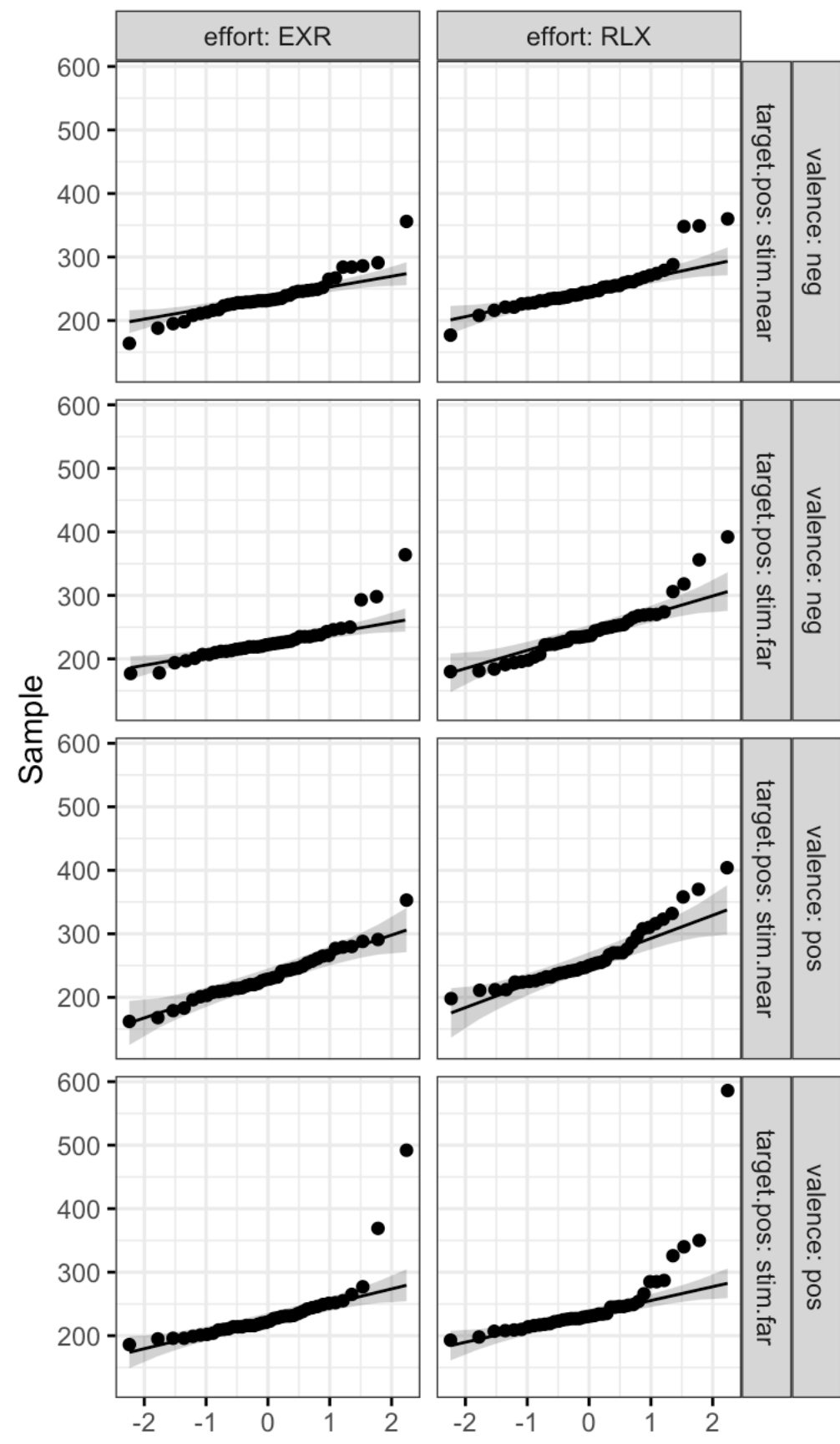


variable	statistic	p.value
residuals(rt_lm)	0.7929738	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.9099224	0.0037648
pos	EXR	stim.near	RT	0.9644001	0.2361152
neg	EXR	stim.far	RT	0.7961245	0.0000087
pos	EXR	stim.far	RT	0.6022644	0.0000000
neg	RLX	stim.near	RT	0.8449503	0.0000680
pos	RLX	stim.near	RT	0.8945185	0.0015423
neg	RLX	stim.far	RT	0.8987830	0.0017624
pos	RLX	stim.far	RT	0.5898936	0.0000000

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	309	0.7793673	0.6050336

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	309	1.019	0.313		0.003
target.pos	1	309	2.406	0.122		0.008
effort	1	309	13.87	0.000233	*	0.043
valence:target.pos	1	309	0.044	0.834		0.000143
valence:effort	1	309	0.61	0.435		0.002
target.pos:effort	1	309	0.495	0.482		0.002
valence:target.pos:effort	1	309	0.703	0.402		0.002

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	237.5	10.41
pos	EXR	stim.near	RT	40	233.4	11.88
neg	EXR	stim.far	RT	38	227.9	10.82
pos	EXR	stim.far	RT	40	234.4	16.59
neg	RLX	stim.near	RT	40	251.6	11.38
pos	RLX	stim.near	RT	39	263.7	15.16
neg	RLX	stim.far	RT	40	243.4	14.06
pos	RLX	stim.far	RT	40	249.2	20.86