

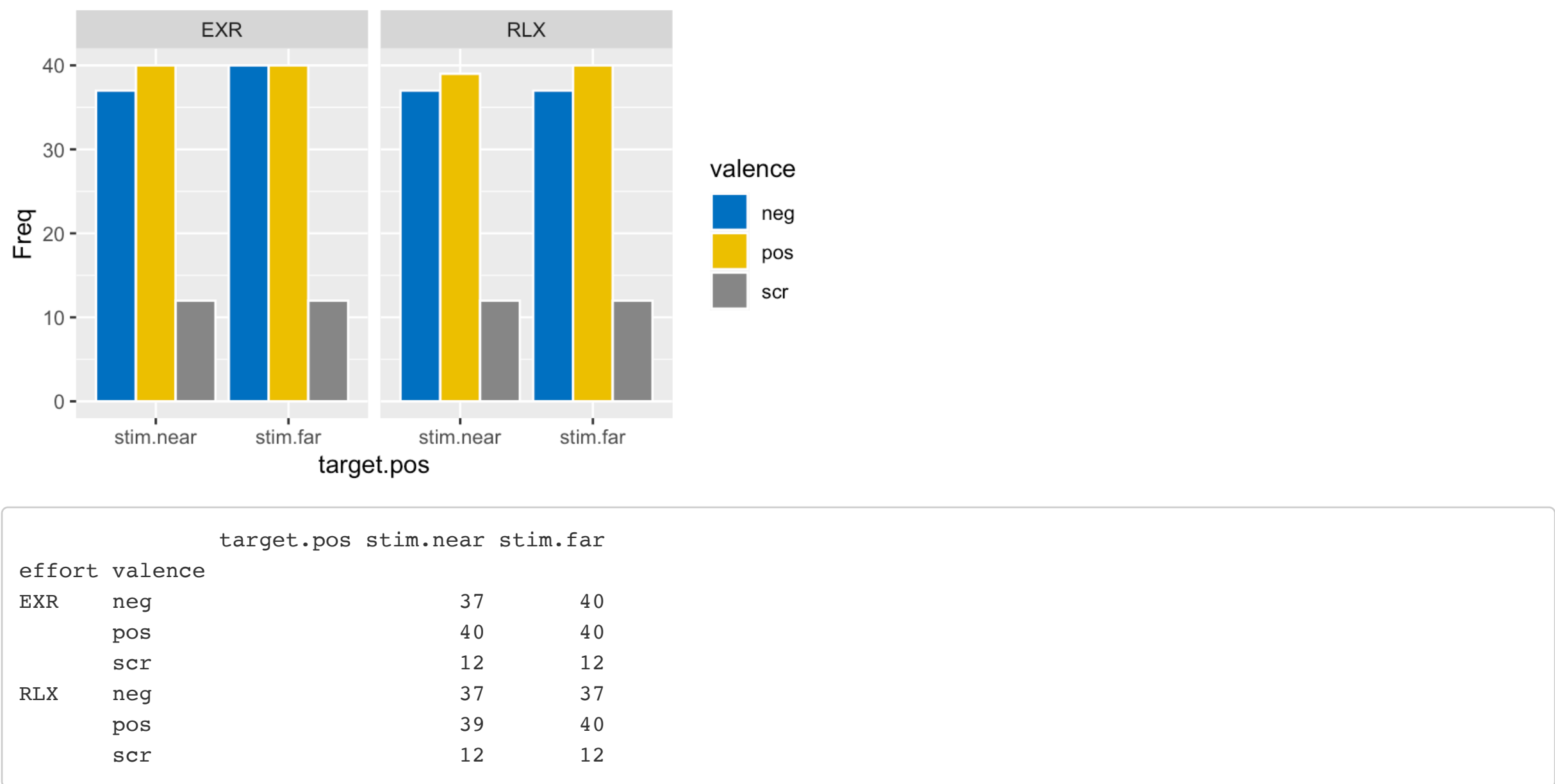
EXP3 pilot, version 3 (invested effort)

Subject 07

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



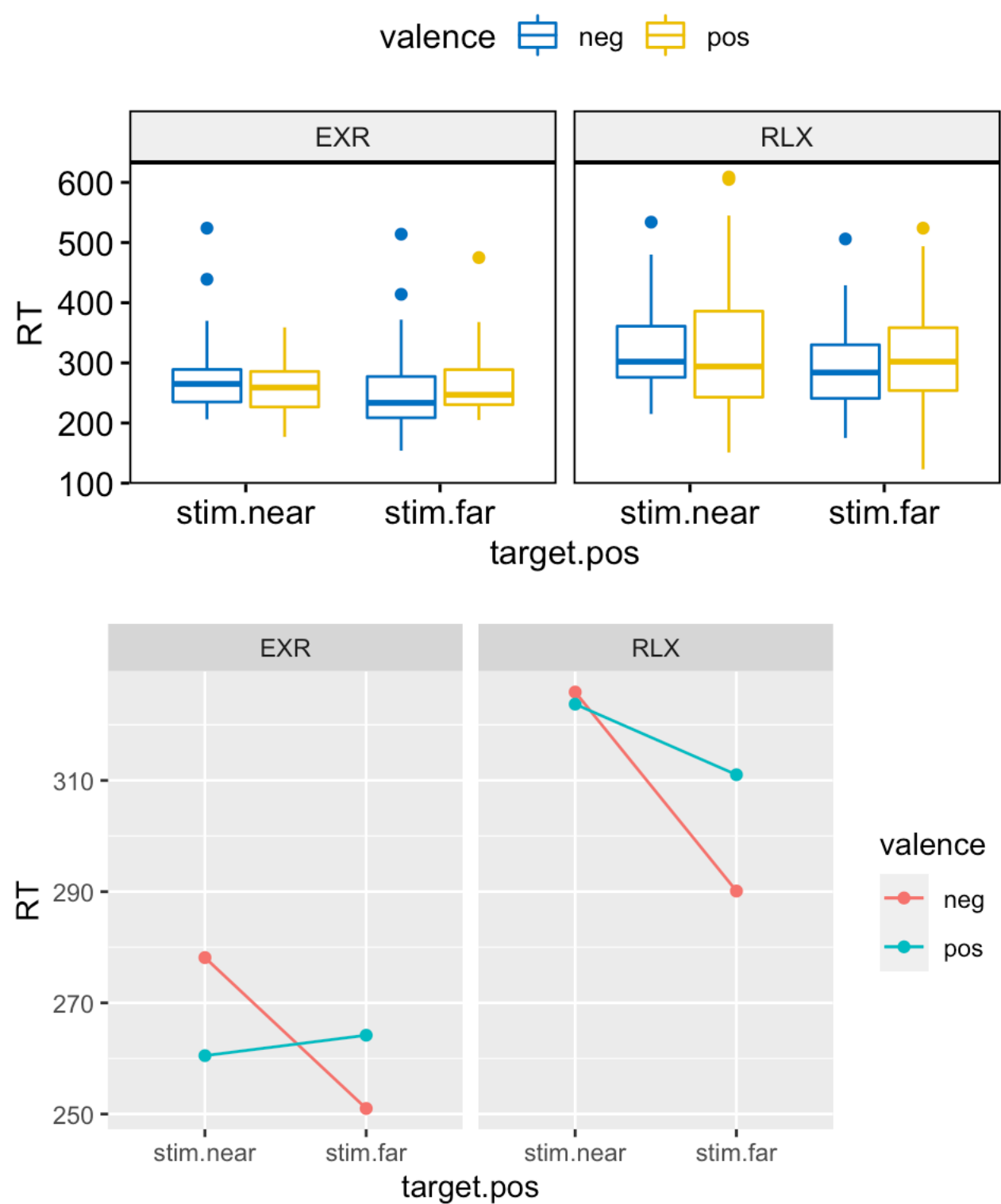
Number of errors of omission



Number of errors of commission



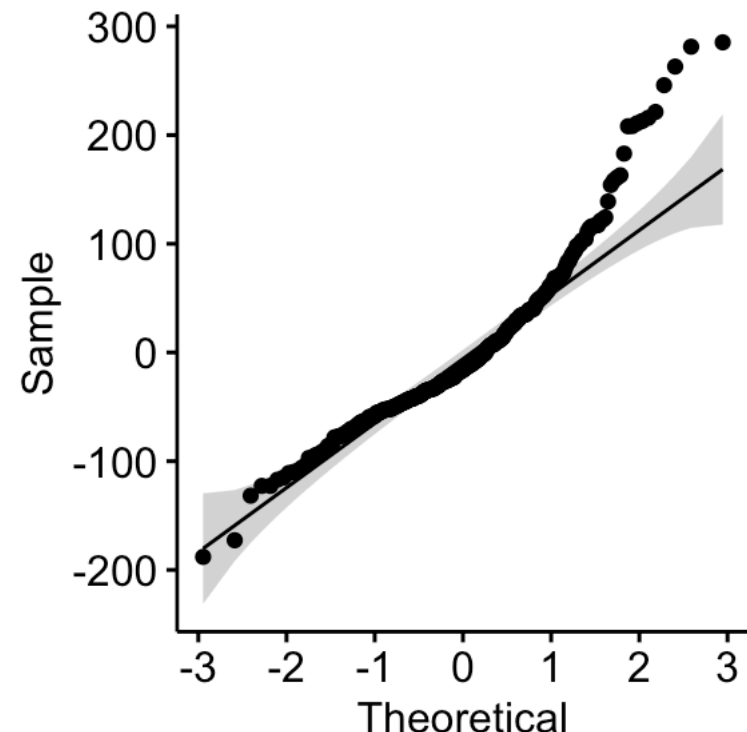
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	7	1	524	TRUE	TRUE
2	neg	EXR	stim.near	5	1	439	TRUE	FALSE
3	neg	EXR	stim.far	6	1	414	TRUE	FALSE
4	neg	EXR	stim.far	6	1	514	TRUE	TRUE
5	pos	EXR	stim.far	6	1	475	TRUE	TRUE
6	neg	RLX	stim.near	6	1	534	TRUE	FALSE
7	pos	RLX	stim.near	5	1	609	TRUE	FALSE
8	pos	RLX	stim.near	4	1	605	TRUE	FALSE
9	neg	RLX	stim.far	4	1	506	TRUE	FALSE
10	pos	RLX	stim.far	7	1	524	TRUE	FALSE

Normality check (Shapiro-Wilk)

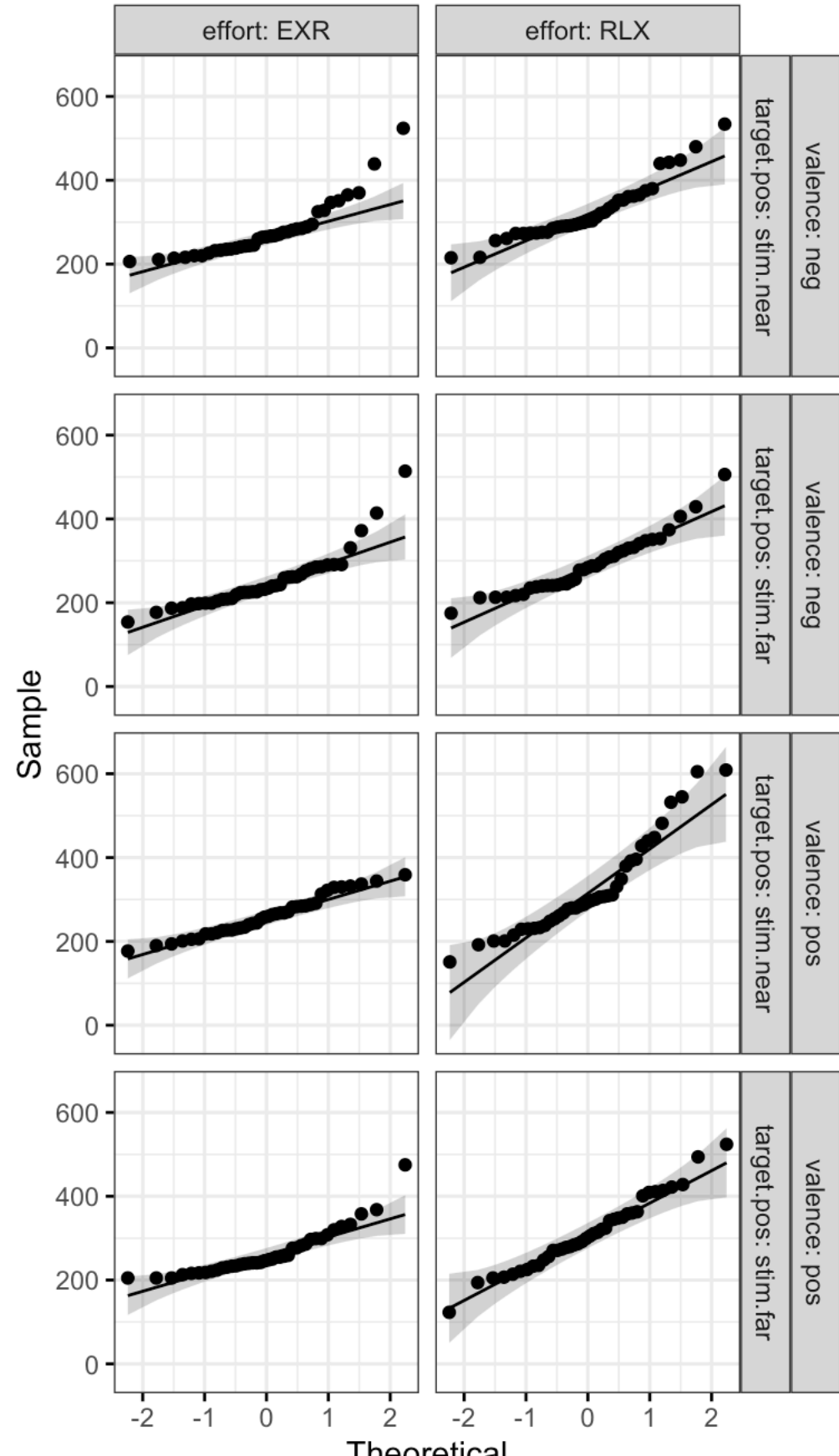


variable	statistic	p.value
residuals(rt_lm)	0.9213726	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.8233038	0.0000398
pos	EXR	stim.near	RT	0.9671781	0.2918881
neg	EXR	stim.far	RT	0.8292647	0.0000293
pos	EXR	stim.far	RT	0.8406154	0.0000537
neg	RLX	stim.near	RT	0.9045822	0.0039617
pos	RLX	stim.near	RT	0.8985494	0.0020054
neg	RLX	stim.far	RT	0.9357845	0.0339370
pos	RLX	stim.far	RT	0.9812433	0.7355369

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	302	3.307161	0.0020914

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	302	0.192	0.662		0.000635
target.pos	1	302	4.361	0.038	*	0.014
effort	1	302	34.38	1.19e-08	*	0.102
valence:target.pos	1	302	2.575	0.11		0.008
valence:effort	1	302	0.471	0.493		0.002
target.pos:effort	1	302	0.562	0.454		0.002
valence:target.pos:effort	1	302	0.053	0.819		0.000174

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	37	278.1	22.23
pos	EXR	stim.near	RT	40	260.5	15
neg	EXR	stim.far	RT	40	251	21.32
pos	EXR	stim.far	RT	40	264.2	17.33
neg	RLX	stim.near	RT	37	325.9	23.57
pos	RLX	stim.near	RT	39	323.7	36.88
neg	RLX	stim.far	RT	37	290.1	22.94
pos	RLX	stim.far	RT	40	311	27.05