

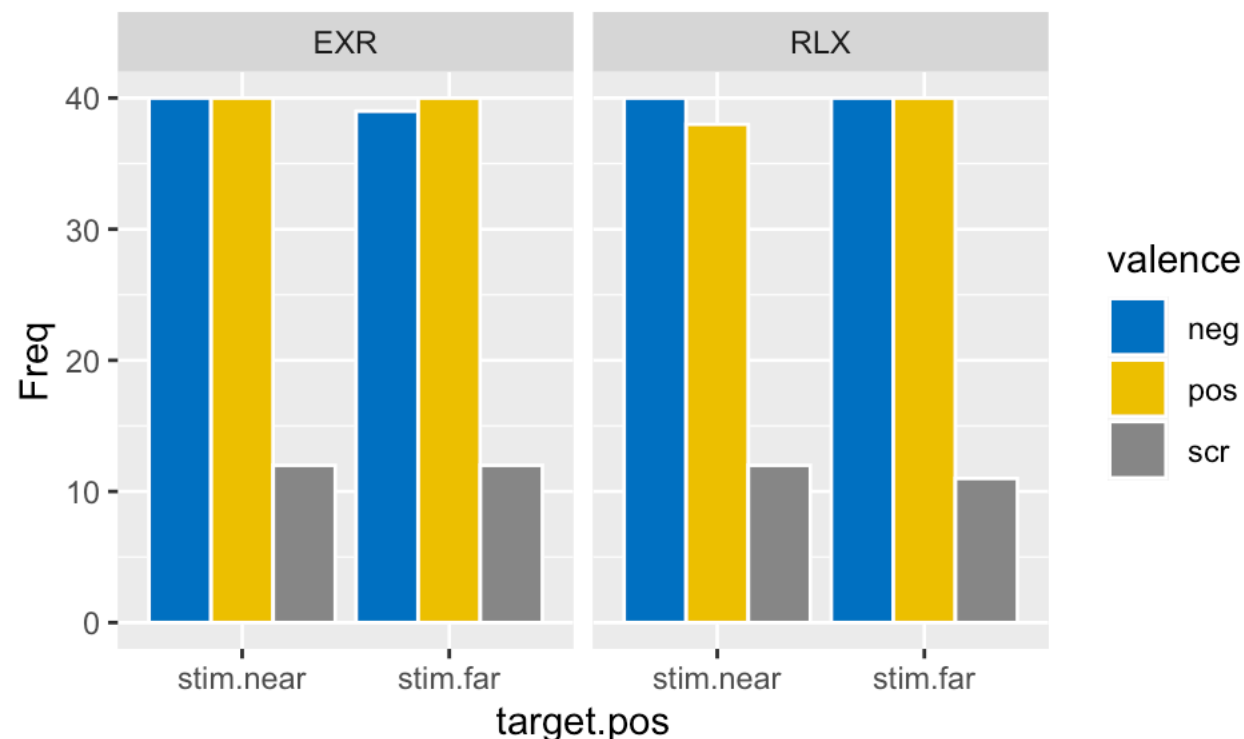
EXP3 pilot, version 3 (invested effort)

Subject 06

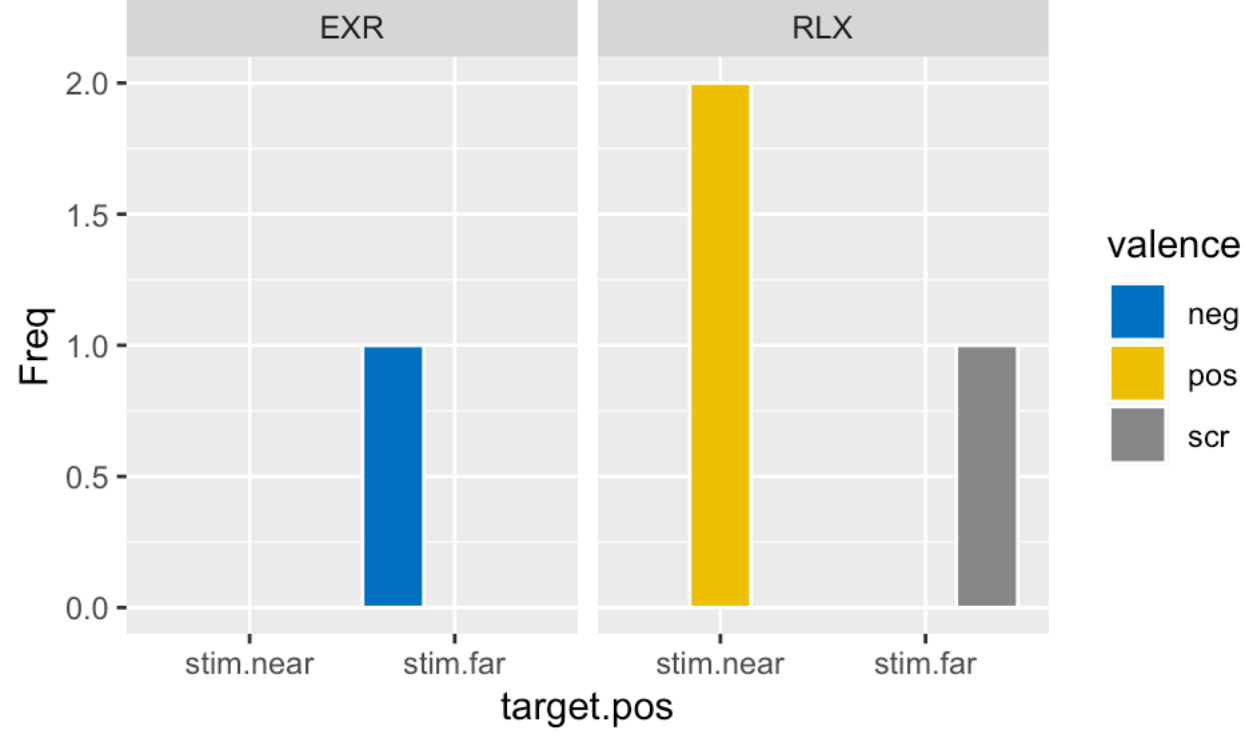
Abbreviations:

- *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)

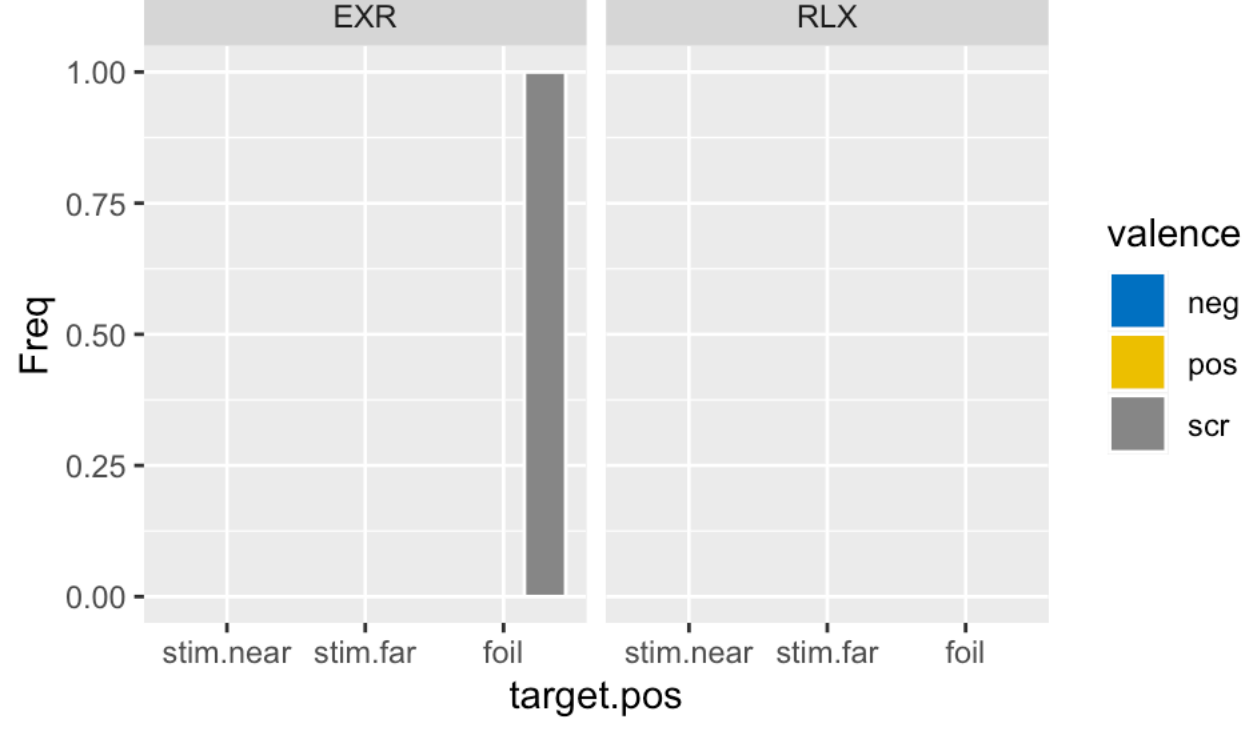
Number of correct responses



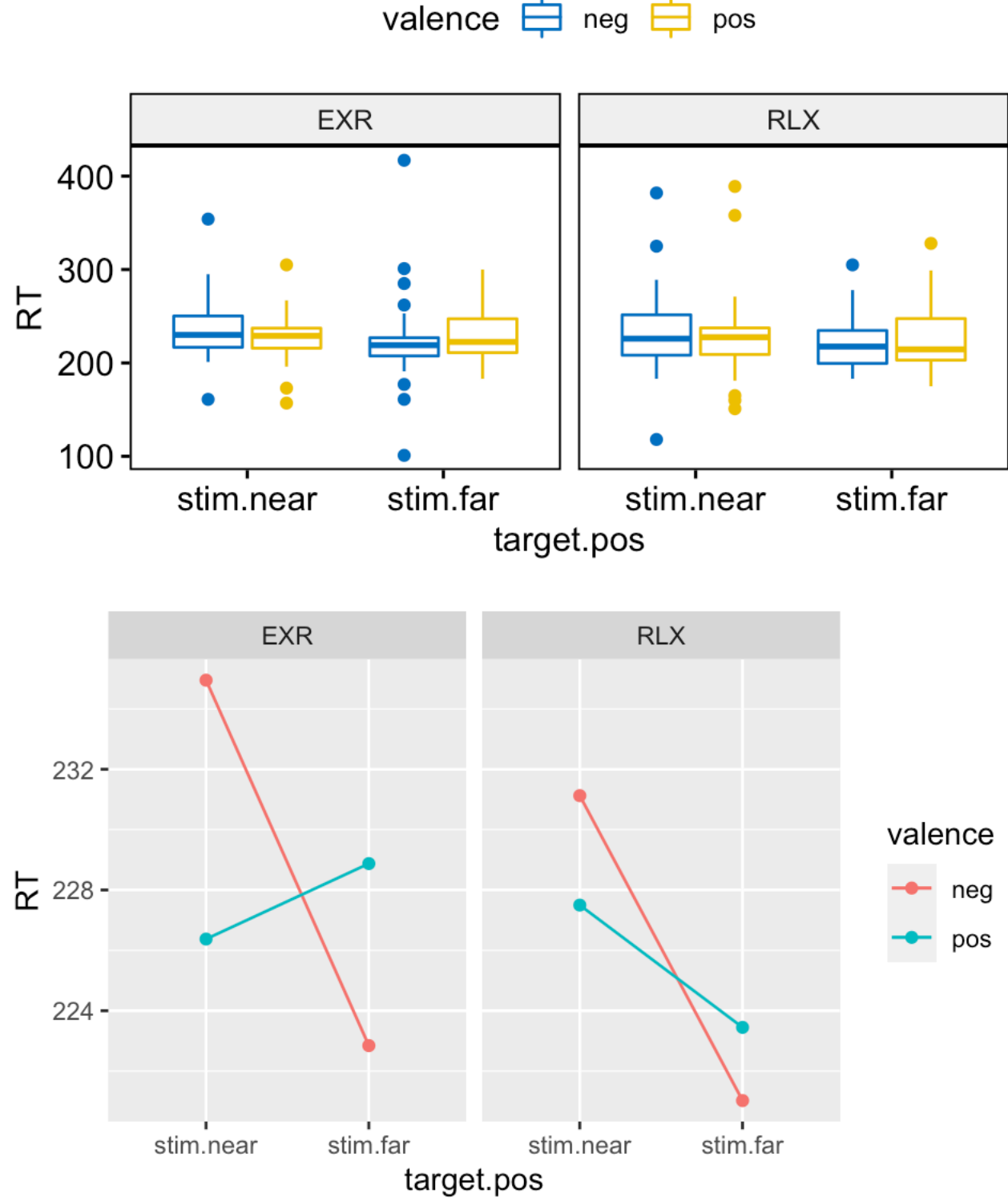
Number of errors of omission



Number of errors of commission



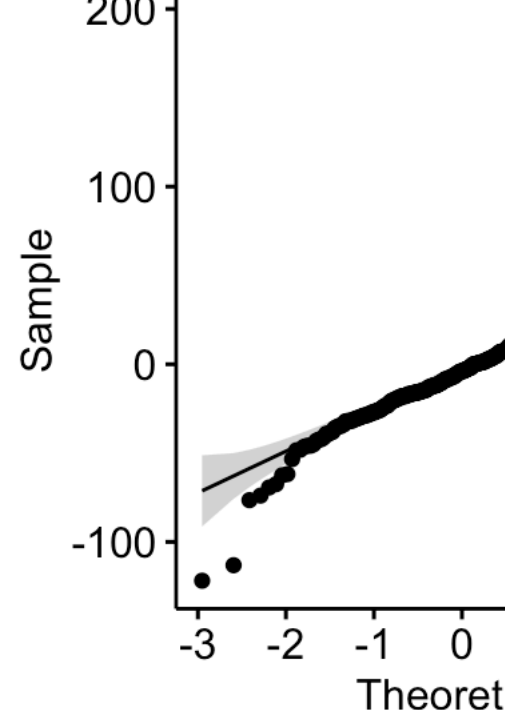
Response times (correct trials only)



Outliers

	valence	effort	target.pos	block	run	RT	is.outlier	is.extreme
1	neg	EXR	stim.near	2	1	354	TRUE	TRUE
2	neg	EXR	stim.near	7	1	161	TRUE	FALSE
3	pos	EXR	stim.near	2	1	305	TRUE	TRUE
4	pos	EXR	stim.near	6	1	157	TRUE	FALSE
5	pos	EXR	stim.near	7	1	173	TRUE	FALSE
6	neg	EXR	stim.far	2	1	301	TRUE	TRUE
7	neg	EXR	stim.far	6	1	177	TRUE	FALSE
8	neg	EXR	stim.far	8	1	285	TRUE	FALSE
9	neg	EXR	stim.far	7	1	101	TRUE	TRUE
10	neg	EXR	stim.far	7	1	262	TRUE	FALSE
11	neg	EXR	stim.far	6	1	161	TRUE	FALSE
12	neg	EXR	stim.far	8	1	417	TRUE	TRUE
13	neg	RLX	stim.near	3	1	382	TRUE	TRUE
14	neg	RLX	stim.near	7	1	118	TRUE	FALSE
15	neg	RLX	stim.near	2	1	325	TRUE	FALSE
16	pos	RLX	stim.near	1	1	389	TRUE	TRUE
17	pos	RLX	stim.near	6	1	160	TRUE	FALSE
18	pos	RLX	stim.near	8	1	358	TRUE	TRUE
19	pos	RLX	stim.near	5	1	151	TRUE	FALSE
20	pos	RLX	stim.near	8	1	165	TRUE	FALSE
21	neg	RLX	stim.far	3	1	305	TRUE	FALSE
22	pos	RLX	stim.far	6	1	328	TRUE	FALSE

Normality check (Shapiro-Wilk)

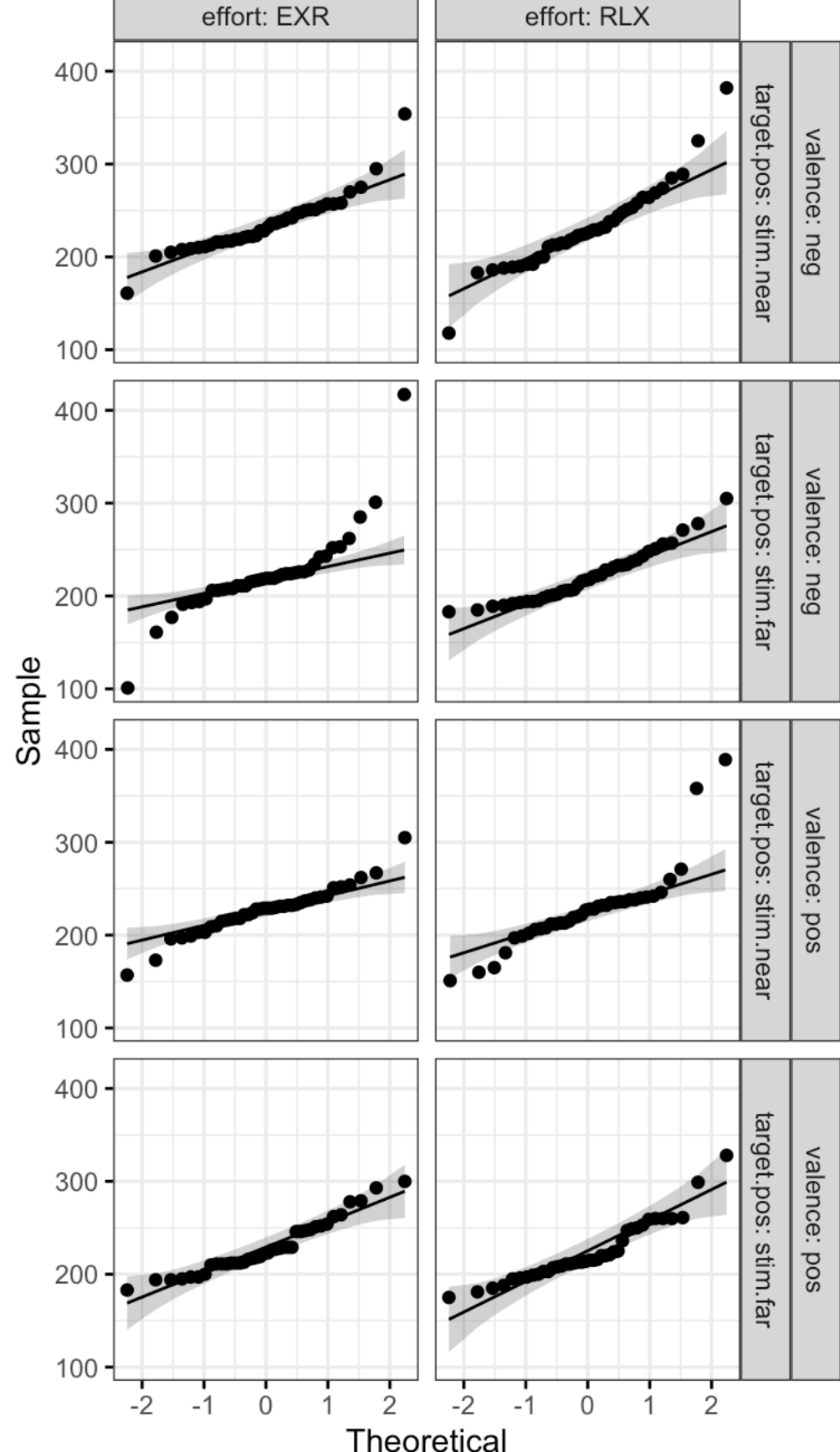


variable	statistic	p.value
residuals(rt_lm)	0.8924437	0

Cell-wise normality check (Shapiro-Wilk)

valence	effort	target.pos	variable	statistic	p
neg	EXR	stim.near	RT	0.8877439	0.0008573
pos	EXR	stim.near	RT	0.9484375	0.0670086
neg	EXR	stim.far	RT	0.7848604	0.0000042
pos	EXR	stim.far	RT	0.9378219	0.0292180
neg	RLX	stim.near	RT	0.9260065	0.0119563
pos	RLX	stim.near	RT	0.7971541	0.0000092
neg	RLX	stim.far	RT	0.9349559	0.0234475
pos	RLX	stim.far	RT	0.8998985	0.0018988

Cell-wise QQplot for each cell



Homogeneity of variance

df1	df2	statistic	p
7	309	0.869424	0.5309764

ANOVA on RTs

Effect	DFn	DFd	F	p	p<.05	ges
valence	1	309	0.057	0.812		0.000183
target.pos	1	309	2.247	0.135		0.007
effort	1	309	0.403	0.526		0.001
valence:target.pos	1	309	1.707	0.192		0.005
valence:effort	1	309	0.007	0.934		2.24e-05
target.pos:effort	1	309	0.081	0.776		0.000264
valence:target.pos:effort	1	309	0.292	0.589		0.000944

valence	effort	target.pos	variable	n	mean	ci
neg	EXR	stim.near	RT	40	235	9.838
pos	EXR	stim.near	RT	40	226.4	8.041
neg	EXR	stim.far	RT	39	222.8	14.69
pos	EXR	stim.far	RT	40	228.9	9.01
neg	RLX	stim.near	RT	40	231.1	14.03
pos	RLX	stim.near	RT	38	227.5	14.18
neg	RLX	stim.far	RT	40	221	8.859
pos	RLX	stim.far	RT	40	223.4	10.12