

Evidence for an attentional component in saccadic inhibition of return

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There was a mistake when referring to invalid and valid conditions. In Table 1 we inverted the “invalid” and “valid” labels. In contrast to what is shown in Table 1, reaction times (RTs) were always longer in the valid condition. In the main text, IOR was defined as RT in valid trials minus RT in invalid trials, and therefore positive values were obtained. In the legends of Table 1, Figs. 2 and 3, we erroneously stated that IOR was defined as “invalid RT minus valid RT”, which should lead to negative values. Finally, when referring to the RT distributions shown in Fig. 2c, the valid trials distribution is shifted rightward and not leftward. We would like to thank Anna Montagnini for pointing out these mistakes to us.

The correct Table 1 is given below:

Table 1 Mean reaction time (RT) and between-subject standard error of the mean in Experiments 1 and 2 in the format $M \pm SE$. Inhibition of return (IOR) is the difference between valid and invalid conditions

	Experiment 1 ($N = 22$)					
	Saccadic RT (ms)			Manual RT (ms)		
	Valid	Invalid	IOR	Valid	Invalid	IOR
Gap						
High contrast	178 ± 6	155 ± 6	23	319 ± 9	298 ± 8	21
Low contrast	228 ± 10	187 ± 7	41	365 ± 10	336 ± 9	29
Overlap						
High contrast	231 ± 8	207 ± 6	24	325 ± 10	312 ± 8	13
Low contrast	274 ± 9	241 ± 8	33	372 ± 10	349 ± 9	23
	Experiment 2 ($N = 18$, saccadic responses)					
	Light background			Dark background		
	Valid	Invalid	IOR	Valid	Invalid	IOR
Step						
High contrast	212 ± 9	189 ± 8	23	203 ± 8	181 ± 5	22
Low contrast	258 ± 10	211 ± 8	47	211 ± 8	192 ± 6	19
Overlap						
High contrast	246 ± 12	204 ± 8	42	237 ± 12	206 ± 9	31
Low contrast	305 ± 15	262 ± 11	43	276 ± 14	219 ± 9	57

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