

Supplemental Table 1. All regions of the brain demonstrating significantly greater activation in response to trials on which a valuable distractor was presented compared to distractor-absent trials, specifically when the target was presented in the visual field contralateral to the distractor. RVF = right visual field; LVF = left visual field. x,y,z refer to the Talairach coordinates of the peak voxel of the cluster.

Region	high-value distractor LVF		high-value distractor RVF		low-value distractor LVF		low-value distractor RVF	
	x,y,z	Volume (mL)	x,y,z	Volume (mL)	x,y,z	Volume (mL)	x,y,z	Volume (mL)
right medial/middle frontal gyrus	-16,4,49	0.688	-16,1,46	0.5			-26,-21,29	0.469
			-26,-19,41	0.609			-24,-9,44	0.406
							-31,-31,31	0.281
right superior frontal gyrus			-14,-26,44	0.5				
right inferior parietal lobule	-34,31,44	0.469	-19,-36,31	0.313				
right precuneus			-9,61,21	0.594	-19,39,49	0.953	-16,56,26	0.438
					-14,74,39	0.547		
					-21,64,24	0.422		
right visual cortex (lingual gyrus)	-14,74,1	0.531	-11,54,4	0.406	-16,61,1	0.766	-29,59,-1	2.031
					-24,76,1	0.422		
					-34,64,-11	0.438		
right visual cortex (fusiform gyrus)	-24,66,-9	0.297	-36,54,-9	0.25	-48,44,-9	0.422		
right cuneus			-19,69,9	0.375			-29,74,31	0.531
right caudate tail			-29,24,1	0.25	-19,24,6	0.547	-19,74,14	0.281
right superior colliculus					-6,29,-14	0.516		
right temporo-parietal junction			-49,51,21	2.375				
right inferior frontal gyrus			-31,-6,31	0.359				
right anterior cingulate	-24,-26,26	0.266	-14,-39,19	0.797				
right posterior cingulate	-29,51,21	0.906					-11,39,24	0.578
right cingulate gyrus	-16,19,36	0.25			-14,74,39	0.547	-21,41,36	0.703
					-11,14,31	0.359		
					-16,1,34	0.344		
right insula	-39,29,19	0.25			-28,27,21	0.594	-34,16,9	0.281
right parahippocampal gyrus			-29,24,-16	0.344				
right middle temporal gyrus			-46,49,-6	0.266	-46,46,6	0.359		
right postcentral gyrus					-34,21,36	0.281		
right superior temporal gyrus					-34,54,31	0.266		

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right pyramis			-19,64,-29	0.25				
right cerebellar tonsil			-9,44,-31	0.391	-29,49,-36	0.484	-19,49,-29	1.313
							-24,39,-29	0.609
right culmen	-1,41,-24	0.297			-11,44,-24	1.188		
thalamus	1,19,16	0.391	-4,11,-1	0.359	-1,49,-14	0.969	1,9,4	0.328
midbrain	-6,14,-21	0.375						
cerebellar nodule			6,59,-29	0.5			-6,61,-24	0.266
left medial/middle frontal gyrus			21,-6,51	0.469				
			24,-34,36	0.313				
left precuneus	14,56,49	0.344	19,69,21	0.375	11,66,19	0.313		
			11,64,36	0.375				
left visual cortex (lingual gyrus)			16,86,-4	1.078			26,61,-6	0.281
left visual cortex (fusiform gyrus)			34,69,-11	0.25	41,14,-19	0.25		
left visual cortex (middle occipital gyrus)			26,59,6	0.453				
left cuneus			11,71,11	0.266				
left caudate tail	31,39,11	0.547	19,16,4	0.313	21,19,9	0.547	34,21,-4	0.391
left putamen			19,-4,11	0.359				
left insula					39,-6,6	0.313	31,-18,16	0.266
left superior frontal gyrus	11,-14,56	0.469						
left cingulate gyrus	21,16,34	0.438			6,34,31	0.578	16,31,34	0.359
left posterior cingulate	24,49,21	0.281			16,49,9	0.266		
left middle temporal gyrus			41,69,24	0.469				
left superior temporal gyrus			44,49,11	0.281				
left parahippocampal gyrus							26,29,-16	0.438
left cerebellar tonsil			21,39,-34	0.734				
left culmen					19,41,-19	0.297		
left uvula							21,66,-24	0.797