

Supplementary 2 – Post hoc analysis with Bonferroni correction. All the results are referred to the time spent near the correct stimulus minus the time spent near the wrong one. As such, positive values refer to a preference for the correct stimulus, negative ones to a preference for the wrong stimulus. The first three rows are referred to the overall performance in the corresponding condition, regardless of the position of the stimulus or the colour of the room. In bold results with $p < 0.05$.

condition	colour	position	estimate	SE	DF	t. ratio	p. value
Binocular	-	-	62.12	13.70	197.00	4.52	0.0002
Left eye	-	-	-9.26	13.70	197.00	-0.67	1.0000
Right eye	-	-	61.81	14.20	197.00	4.36	0.0003
Binocular	blue	left	45.56	27.30	197.00	1.67	1.0000
Binocular	blue	right	95.33	27.30	197.00	3.50	0.0087
Binocular	yellow	left	58.47	28.10	197.00	2.08	0.5764
Binocular	yellow	right	49.11	27.30	197.00	1.80	1.0000
Left eye	blue	left	39.76	28.10	197.00	1.42	1.0000
Left eye	blue	right	-136.67	27.30	197.00	-5.01	<.00001
Left eye	yellow	left	57.16	26.50	197.00	2.15	0.4868
Left eye	yellow	right	2.71	28.10	197.00	0.10	1.0000
Right eye	blue	left	90.24	28.10	197.00	3.22	0.0227
Right eye	blue	right	-19.33	29.90	197.00	-0.65	1.0000
Right eye	yellow	left	50.56	27.30	197.00	1.85	0.9777
Right eye	yellow	right	125.76	28.10	197.00	4.48	0.0002