

**Supplementary Table 1.** Complete ANOVA output for the three-way design (visual area  $\times$  presentation location  $\times$  source location).

Effect	Statistic	p
Visual area	$F_{1,60,9,57} = 0.356$	0.669
Presentation location	$F_{1,6} = 4.45$	0.079
Source location	$F_{1,6} = 4.95$	0.068
Visual area $\times$ presentation location	$F_{2,12} = 0.74$	0.499
Visual area $\times$ source location	$F_{2,12} = 11.04$	0.002
Presentation location $\times$ source location	$F_{1,6} = 11.19$	0.016
Visual area $\times$ presentation location $\times$ source location	$F_{1,9,11,4} = 1.52$	0.260