

Sensitivity Analysis to Control for Possible Spatial Priming

The below table displays the results of multinomial logit models identical to those shown in Table 3 in the submission, but where the analyzed trials include only non-map stimuli for trials completed by a participant before he or she had completed any map trials. We see the same direction of results when comparing factors as seen on all trails, albeit with higher standard error for reported coefficients, and fewer significant differences. However, several differences remain strongly pronounced: the tendency for participants to choose spatial groupings over measures groupings, and to use spatial groupings over time groupings.

Reference	Aggre./Filter	Measure	Space
Aggre./Filter	Reference	-0.79 (0.44)	0.66 (0.50)
Measure	0.79 (0.44)	Reference	1.45 (0.45)**
Space	-0.66 (0.50)	-1.45 (0.45)**	Reference
Time	0.82 (0.44)	-0.03 (0.38)	1.49 (0.47)**
L.R. Test	$(\chi^2 = 120.7)***$		
McFadden R²	0.57		