RICE UNIVERSITY

Theory of Basic Gestalts

Configural Superiority Effect









performance despite extra





Inter-item grouping makes common items pop out (above) and identical items look different (right).

False Pop Out (FPO):

1.6% A distractor poses as a target by receiving more error responses than other distractors.

On Border

4.7%

25%





Outside Border





Subjects reported using an imaginary square to help find the target. This strategy resulted in high accuracies on Inside and Outside Border displays, but significantly worse performance for On Border displays.



False Pop Out and Pattern-breaking Pop Out Evidence of configural disruption in conventional pop out



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