The neural signature of spatial frequency-based information integration in scene perception

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Abstract

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Keywords E

Introduction

H, H, M,



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Experiment 1

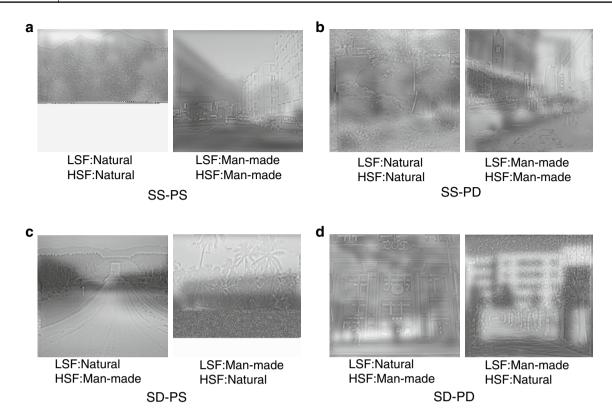
Μ.,,,,

Observers

Stimuli

E E M

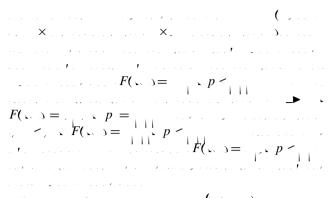






Design

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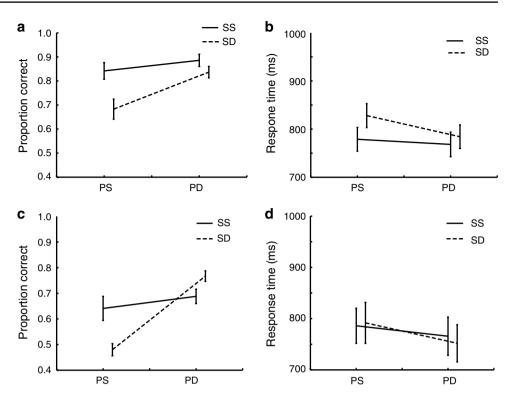


 $F(x, y) = \begin{cases} y \\ y = y \\ y =$

1.... (1...

 $p = \prod_{i=1}^{n} \sum_{i=1}^{n} H$

 $p = \frac{1}{2} \cdot \frac{1}{2} \cdot$



Long exposure
$$(\pm E M_1) \qquad \% (\pm \%) \qquad \% (\pm \%)$$

F(x, y) = x F(x,

Experiment 2

 M_{α}

Observers

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Stimuli

Design

H₁

EEG recording and analysis

EE

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 $F(\cdot, \cdot) = \cdot \cdot p$ $F(\cdot, \cdot) = \cdot \cdot p$

Table 2

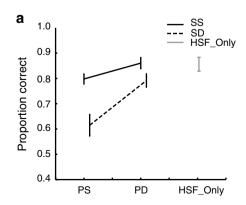
	,	•	,	•	
(±E ,M)	% (±, %)	% (± , %)	% (±,	%) (±,	%)
$(\pm E M)$, (±, , ,), .	, (±, +,) , .	(±)), . (±, 2)), .

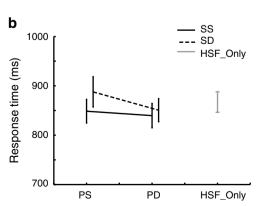
Fig. 3

E a

b

Error







 $H_{\perp} \qquad H_{\perp} \qquad H_{\perp$

EE

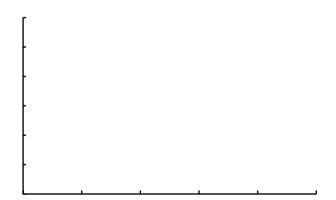
 $F(\cdot, \cdot) = \left| \cdot \cdot p \right|$ $f(\cdot, \cdot) = \left| \cdot \cdot p \right|$

Discussion

H, H, M, E, ...



E _ (_ .x...



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References

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