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Abstract

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Introduction

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Materials and Methods

Participants

Stimuli and Aperture

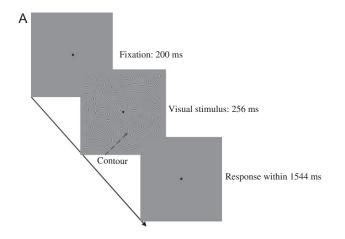
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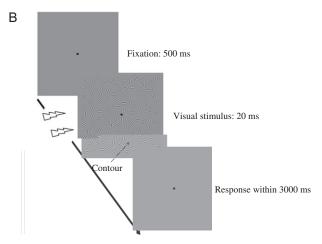
Procedure

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fMRI Session

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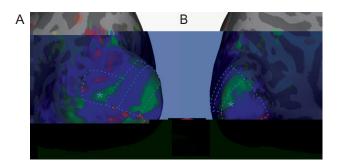
308 . A fl 308 . A fl (10.35°, 100% ...) fi ...

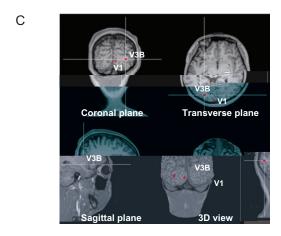
Contour detection task:

TMS Sessions

. . 2 . .

70- fi₀ - -8 (.2A)... fi 1/ 2 , . and the first of the property of the property





(A) 3 (B) 1... (A) 3 (B) 1...

2003). A

Contour detection task with TMS: ... fi ... - $\frac{1}{2}$... $\frac{1}{2}$... $\frac{1}{2}$... the second of th A : 60/80, 90/110, 120/140, 150/170 ; $\frac{1}{1}$, $\frac{1}{1}$, And the second of the second o

o $\mathcal{A}_{i} = \{\mathbf{1}, \mathbf{1}, \mathbf{f}_{i}, \mathbf{f}_{i+1}, \mathbf{1}, \dots, \mathbf{1}\}$

x r t

Participants

Stimuli and Aperture

Procedure

 $= \frac{1}{1}, \quad \frac{\mathfrak{g}}{\mathfrak{g}} = \frac{\mathfrak{g}}{\mathfrak{g}} = \frac{1}{1}, \quad \frac{2}{1}, \quad \frac{2}{1}, \quad \frac{3}{1}, \quad \frac{3}{1},$. 1 .

Psychophysics Session

 $\mathcal{L}_{i_1 i_2} \mathfrak{o}_{i_1 i_2 i_3 i_4} = \frac{1}{2} \left(\dots, \dots, \dots \right)$ fi 1000 - /

fMRI Session

1 . 2

TMS Sessions

A (90/110 120/140) 96

was a state of the state of the

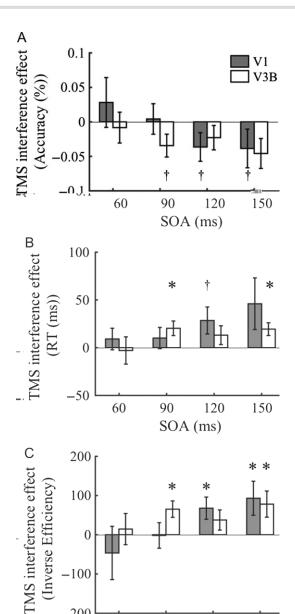
fMRI Data Analysis

Data preprocessing: pRF and GLM analyses: fi, fi, . 1 0 O (1, 2, 3) . 2007). 3 fi_, 3A 3 o fi ... 3 . fi, . , . , . . , . −80 a, −10° in the second se . , fi . , , , , , fi

Results

x r t

A (60/80, 90/110, 120/140, 150/170 fi- $\boldsymbol{\mathfrak{o}}_{-1} \rightarrow \boldsymbol{\mathfrak{o}}_{-1} + \boldsymbol{\mathfrak{$



(C) fi fi ; †P <0.05₀

SOA (ms)

120

150

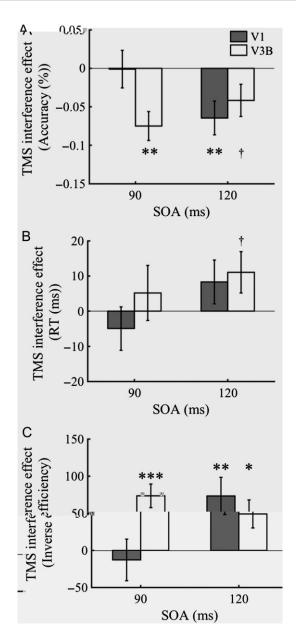
-200

60

A. Α A (F(3,57) = 2.93, P < 0.05, $\stackrel{\cdot}{A}_{-i,1},\ldots,_{i,1}$ 60/80 150/170 = 0.0083).

 $(F(1,19) = 0.64, P = 0.42, \eta_p^2 = 0.03)$ $(F(3,57) = 0.83, P = 0.48, \eta_p^2 = 0.04)$ A A fi >0.1). 💂 🕡 🕟 A (F(3,57) = 3.22, P < 0.05,(F(1,19) = 0.42,(F(3,57) = 1.19,= 0.0083).= 0.025) (t(19) = -1.76, P = 0.05,d = -0.39), (t(19) = 2.02, P = 0.03, d = 0.45), fi (t(19) = 2.40, P = 0.01, d = 0.54)110 A $_{0}$ (t(19) = -2.07, P =0.03, -0.46), (t(19) = 2.66, P = 0.008, d = 0.60), fi (t(19) = 3.18, P = 0.002,d = 0.71). fio... 120/140 fi 150/170 Α , , , . . t(19) = -1.38, P = 0.09, d = -0.31; t(19) = 1.70, u = -0.31; t(19) = 1.70, t(19) = 0.70, t(19) = 1.70, t(19) = 0.70, P = 0.02, d = 0.49, d = 0.49, d = 0.02, d = -0.47; d = 0.02, d = 0.004, d = 0.004, d = 0.65; d = 0.01, dfi . A (90/110 , 120/140

87.3 ± 2.8% (fi : 85 \pm 5.2%) $: 89.1 \pm 4.0\%;$ $(F(1,19) = 7.37, P = 0.014, \eta_p^2 = .28).$



Discussion

- 594-600.

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