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ABSTRACT

(...)
 (...)
 (G)
 © 2011 E . A

1. Introduction

(... 2008).
 (E)
 . A
 (A & 1997; C , 1997; F , 1994, 1997; & , 1991;
 & , 1995; , & , 1995; & , 2010).
 , 1992; , & , 2004).
 (A , & , 2002;
 B , 2011; D & , 1998; & G , 2009;
 & D , 1996; , F , & E , 1992; & , 2008; , , 2010; , , 2010).
 2003; , & D , 2003),
 (& G , 2004).
 (, 2011).
 (, , 2010).
 (, 2008; , , 2010;
 , 2010). F
 (,)

* C . F : +86 10 5880 6154. (G , 2009; E

2.3. θ_c

200. F

400. A

79.4%

3- -1-

E

0.05

50

2.4. S_{q_i}

3. Results

3.1. Ba

2. Methods

2.1. Objective

F B

A

21- G520 (CA) $\times 1536$
0.19. $\times 0.19$, 75 (2048)

50 / 2

1.5. E

2.2. S_i

(G)

5° (F. 1A)

(3), (90°),

(0.47), (0.29°),

4λ

15
0.47 0.47 + ΔC.

(1 1) 5°

(2 2)
(F. 1A).

200.

15

B

2.5

() = 27.3 ± 2.9%, < 0.001, (F. 1B C).

(1 2, = -0.5 ± 4.4%,
= 0.55; 2 2, = 1.2 ± 4.0%, = 0.39),
= 0.40) (F. 1B C).

2008).

3.2. D

A 16
(F. 1),

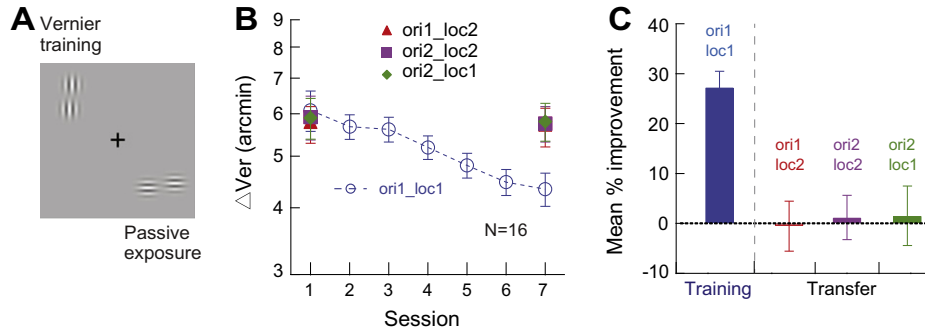


Fig. 1.

1 1

(A)

(B)

(C)

<3%)

>0.5).

= -0.15 0.14).

(F. 2A,

F. 1A,

E (20%

= 99.7%)

F

1 1 (= 30.3 2.9%, < 0.001, F. 2B C),

1 2 (= -9.7 8.0%, = 0.85),

2 2 (= -1.9 8.1%, = 0.59), 2 1 (= -9.5 9.4%, = 0.81) (F. 2B C). A

(= 14.5 4.0%, = 0.012)

2 2 (= -2.8 4.7%, = 0.71) 2 1 (= -9.6

10.4%, = 0.79) (F. 2B C),

1 2 (14.5% . 30.3%)

(= 0.047

1 1 . 1 2).

4.34 0.47 1 1 . 4.56 0.16 = 0.007)

1 2, = 0.37) 1 2 (F. 2B).

(, 2008).

1 1

1 (= 38.9 4.3%, < 0.001,

1 2 (= 17.8 5.8%, = 0.011),

2 2 (= 20.9 4.9%, = 0.003) 2 1 (= 18.7

8.4%, = 0.034) (F. 3D E). F. 2D,

(= 0.015,

A > A). F. 2 3

1 1

1 2

1 2

1 2 (= 0.014)

3.3. D b l a : a l l a

a a a a a

ca l a

(F. 1)

(= 18.2 6.6%, = 0.015)

(= 5.1 4.9%, = 0.17) 2 1 (= 4.3 5.1%, = 0.21) (F. 2D E).

1 2

1 2 (= 0.014)

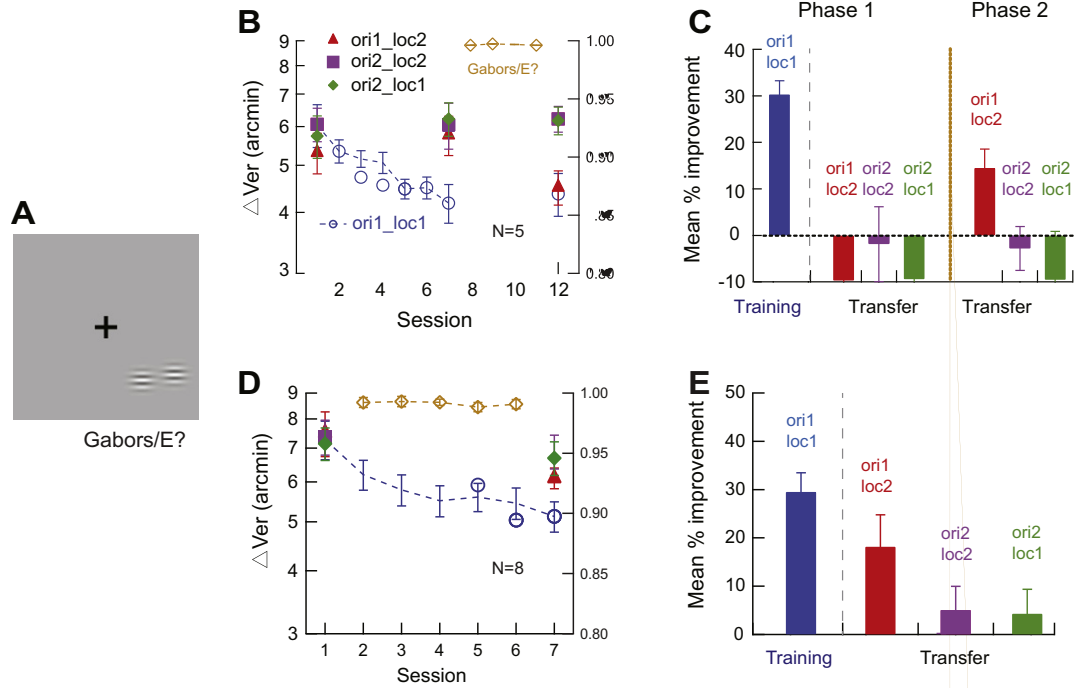


Fig. 2.

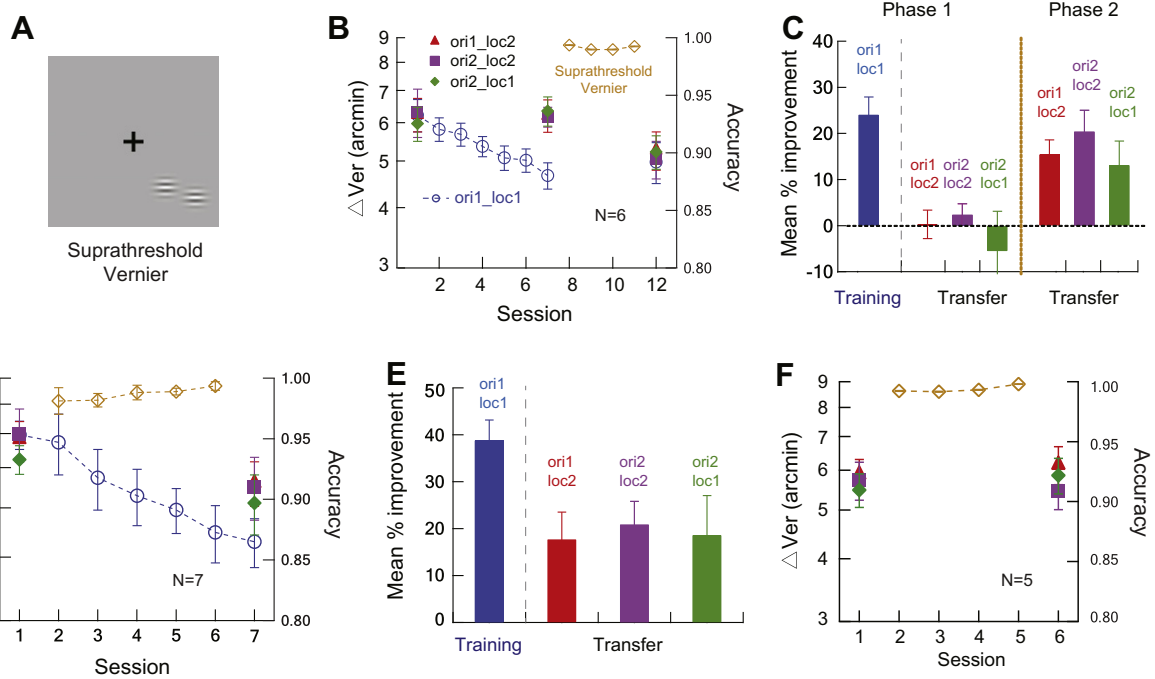


Fig. 3.

1 2, 2 2, 2 1 (F...3F),

3.4. *D* $b \overset{l}{a} a : a \overset{l}{a} \overset{l}{a} \overset{l}{a} \overset{l}{a}$ $ca \overset{l}{a} a$

(, 2008).

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C G 30725018 (C) 31000459 () F
G 01-04776 (A)
01-01728 (D).

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