esearch eport

Lesions in different prefrontal sectors are associated with different types of acquired personality disturbances

J , e Ba q [a,b,*], J e B , , [a], S e e W. A de , [a], A \ K ce ę . [c,d], Ke e Ma , e [a], Da e T a e [a,b,1] a d Aa D. B ę [a,e, ,1]

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Department of Psychological and Brain Sciences, University of Iowa, Iowa City, IA, United States
a

. ( ) Distressed personality disturbance -

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1. Introduction

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2. Materials and methods

2.1. Pa c a

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(2).

09/1997 4/2019

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, 62 (34.1%),

, 40 (22.0%),

, 38 (20.9%)— 7

, 30 (16.5%), , 6 (3.3%), , 4 (2.2%), , 2 (1.1%).

2.2. P ced

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(, 2009).

2.3. Meą ę

2.3.1. Neuropsychological tests

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2.3.2. ISPC personality ratings

(., 1997)

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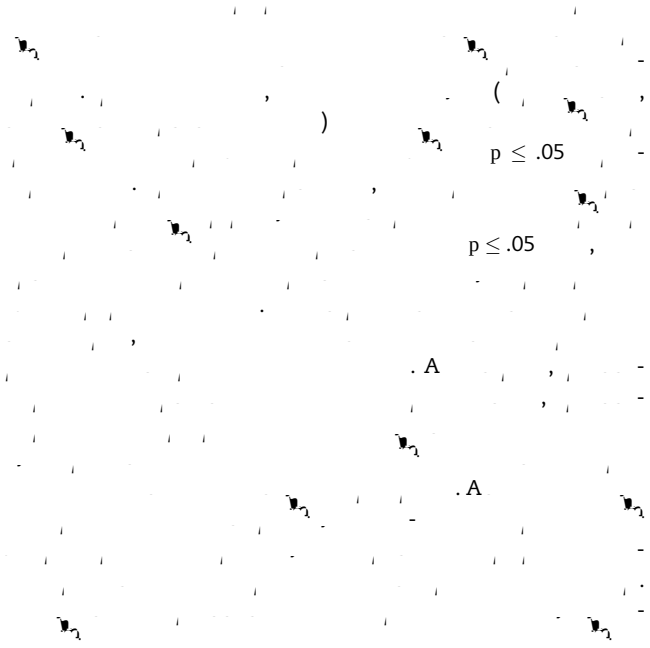
(0–3) “ ” ,
5- : 0 (“ ”), 1 (“ ”), 2
(“ ”), 3 (“ -
”), 4 (“ ”).

2.5.1. Regression analysis of ROIs and personality disturbances



3. esults

3.1. Sa e c a ac e ç

96 (52.7%) 86 (47.3%)
53.3 ± 13.9 (, 20–85)
13.8 ± 2.5 .
48.1 ± 14.4 , 5.2 ± 6.0
(, 4–360)
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A
101.5 ± 14.6,
103.0 ± 14.2.
100.2 ± 19.6. ,
100 ± 15.
9.1 ± 8.0 (
“ ”). A
3.3.

3.2. Lę d b

91
182 . 46 -
, 50 86 -
, 56/91 (
3). A 91
. 2.

3.3. Re a ISPC a e a ab ę

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(= 2.84, p = .005).
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(.19 –.21,). A ,
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(p > .22)
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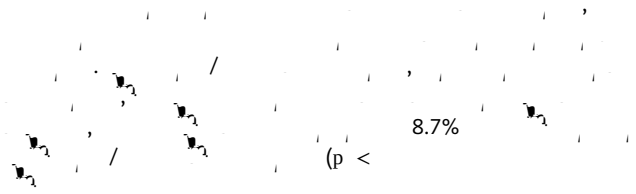

4.1. Ac ed e, a \ d, ba cę a d e a a ca c e a ę

4.1.1. Emotional/social personality disturbance — ventromedial PFC

/ - , - / - A 11, - (& , 2012). , ; - , . , (., 2011). / -

- , (A , , , & , 2006; , , & , 1996; ., 2018; ., 2011). , (, , & A , 2000; ., 2003;

., 1996; ., 2003; ., 1968; ,
, , & , 1994; ., 1998;
& , 1986; , 1970).

(A , , , , &
, 1999; ., 2011).

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(2.1%).

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45 & 46. - -

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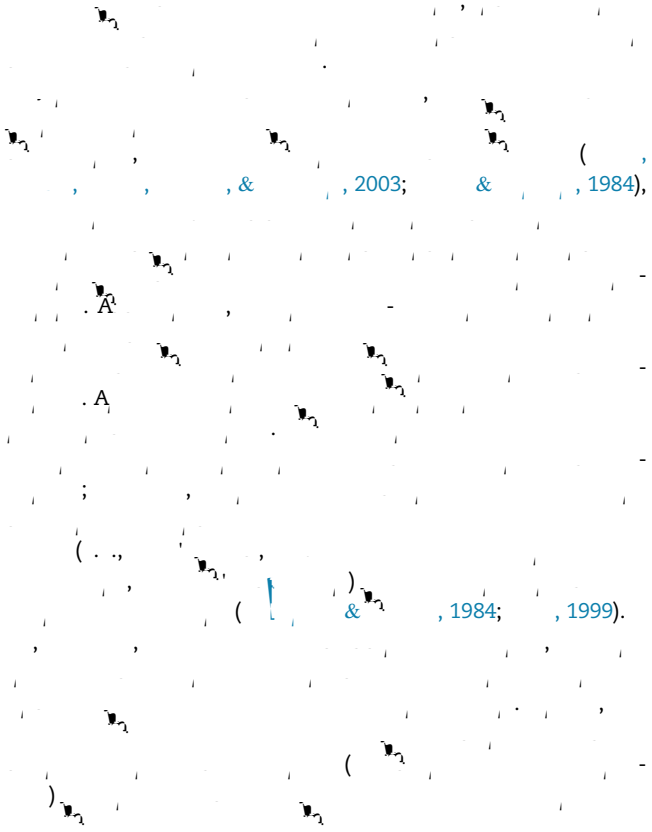

Declaration of competing interest

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