(___ _ b _ (b b (, b b & (Κ , (, & (b, b b (& b ((... K. b , (& K b ,

An IPA Theory of Self-Face Recognition

1. , b (, b , , b, b b & & , & b . b, b

, (, b & (_____ (K. . & & (. 1 & (, (___ & (, 1 -, , '. (& , b. & b. (,

An Overview of the Present Study

b b b b v

Experiment 1: SCT Weakens Positive Associations With Self-Face

Method

Participants. , (\pm SD = \pm , , b, b b Stimuli and procedure Priming procedure. b b_. , , , b (... . (

br , b

IAT procedure.

, , b b (M =b b , , , , b ++ι. 1. b ,

, , , , b , , , b

Results and Discussion

 %______

b ۰. , V (b +(+(, b b b V b (*p* >V F(p < p= $\eta = \eta$, $^+$ +F(p < p= m b F(= р =

V F(= p < p= η , , F(p = \times = , b (_____ 1... b ++,

(r, r) = p = (r, r)

& _____ (

b A List of the Categorization Tasks in Implicit Association Test in Experiment 1

	. b	. b
, (b		
, (b		·
_/ (b	+	+
, (b	+	+
, (b	·	
, (b	+	+
, (b	+	+

b Mean Response Accuracy (%) in Experiment 1

*	М	SD	М	SD
+	,	_!	,	,
+	1	,	1_	_1_

b ,

Experiment 2a: SCT Priming Weakens Self-Advantage in Face Recognition

b , b b

Method

Participants. , (\pm SD = \pm , b,

b Stimuli and procedure. , b Х ((

, b (b b b Х , b b b , b b b (b b b b b b

Results and Discussion

 \pm % b , ,

V b (, b b b , F(= <p η



(



, _ _ b , _ _ _ b , _ _ _ _ b

$$F(= , p < , p < , p < , p < , q = , , q < , p < , q = , ,$$

. (__. '

,

b

((, b b (F <F(= р = b b b F(= p< , η =, b , b[,] *t*(= p < pt(= b p = -,

b b b , , (, b b b , b b b , (r = ,р <1. b (K , , & , b b b b b

b

b _____ Mean Response Accuracy (%) in Experiment 2a

*	М	SD	М	SD	
	,	,	1_	,	
	,	,	,	,	
b	,	_!	!	_!	

V

Experiment 2b: Self-Referential Processing Is Essential for the SCT Effect

Method

Participants. $\pm SD = b$

Results and Discussion

b Mean Response Accuracy (%) in Experiment 2b

*	М	SD	М	SD
	,	1	,	1_
	,	,	,	,
b	,	_! _	1	1

(F <F(= \times (p , V (_ \boldsymbol{p} η F(× b р = F(= p < pη = *F*(_ р < , = η b b b b, ((, V × (F(p <η F(F(Ľ р b b b b b

Experiment 3: The Right Hemisphere Dominates the SCT Effect

b (K & Κ & (, (K b b b, b b b b b b,

Method

Participants. $\pm SD = (\pm), \pm), \quad b$ b Stimuli and procedure.

, b b b b b b



 Figure 4.
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Results and Discussion

. . , <u>+</u> , , b , , % 1 . . , , b , b V ((. . b _ _ _ b , (p <F(____ = . , η = , **,** . . . b V $F(_ = _, _, _, p < .$ η b F(p < rη = = , F(= , _ b b F(

 $= p < \eta = r, r...$

 $p < 1 \quad \eta = 1, \quad (F < 1, \dots + F) = 1, \quad F(1) = 1, \quad F$

 $F(= , p < , \eta = , F(= , p < , \eta = , r)$ $p < , \eta = , (, p < , r)$ $F(= , p < , \eta = , b , r)$

 $t(= , p < , b, t(= , p < , (__,), b, t(= , p < , (__,), t(= , p < , (__,),$

. . b . . . (___ b , V F < F. b . \times . . . F(= , t(= , t(=), t(=p < r $\eta = \eta$ _____/ _ b , b, , _ _ _ _ p < 0 , b_r ______*t*(p = -, b b b (r = r)p < pV F(=)p < -= , , n b (____

= b, b t(p = r. \sim ~~ (F <p =, $(F \leq$ b b , V (p > , ...,)b



Figure 5. (b , (b b b , (b b (b b , ((b b

. . , , b

Method

Results and Discussion

± , b , b (F <% , 1. , b , b V ((b (, V , b b , (p > , ,), V F(=p < pη = 1 . . b F(p < \times = b = η , F(\times Х = , p < pη = V F(p < -1= η = (____ / , . . . b

b Mean Response Accuracy in Experiment 4

*	% (SD	% (SD	% (SD	% (SL	
	·_ (·	_' ('	·_ (·	_' ('	
	' ('	, (,	· (· _	, (,	
b	· (· _	_, (,	· (· _	_'_ ('	

Note. =

(F < ,*F*(Х =р < , η = (Х (V b F(p < -, b = η = *t*(, b[,] = p < r*t*(= р = , b b b , b, b (r =p = -V F(< , р η = b, (_____ 1... b . (F < *F*(p = ,, b b b - 1 b (b , b b (b , b , F(= b, F(p < pη F(р <η =, , (F <1... b b \times F(= р <η = , b b F(\times \times = p < η (b 1 . . b b b



General Discussion

The IPA Theory of Self-Advantage in Face Recognition



Figure 7. b

b, , b.

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(K & b b, b & b b b b b b (... b, b K & , b b ,

Alternative Explanations

b b b b b b b (, & b b & b b ((... (b

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Self-Face Advantage in Implicit Versus Explicit Tasks

Conclusions

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b b (& b, ,

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