An IPA Theory of Self-Face Recognition

An Overview of the Present Study

Experiment 1: SCT Weakens Positive Associations With Self-Face

Method

Participants. SD =

Stimuli and procedure

Priming procedure.

IAT procedure.

Results and Discussion

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

Mean Response Accuracy (%) in Experiment 1

[illegible]	[illegible]		[illegible]	
	M	*SD*	*M*	*SD*
+ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
+ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

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

[illegible]

Method

Participants. [illegible] *SD* = [illegible]

Stimuli and procedure. [illegible]

[illegible]

Results and Discussion

[illegible] *F*([illegible]) = [illegible], *p* < [illegible], η = [illegible]

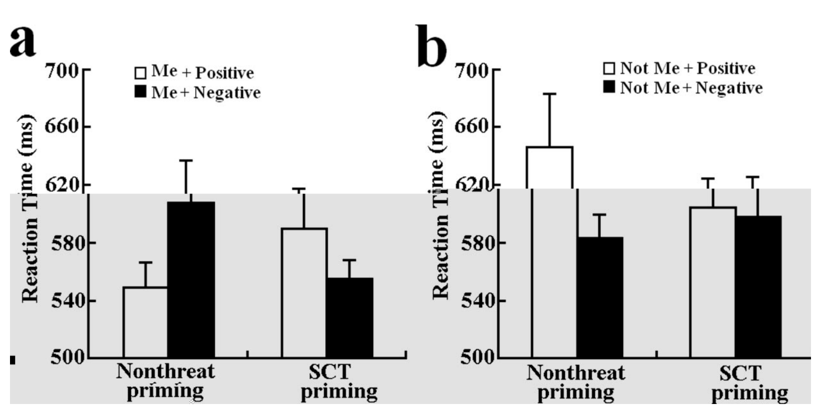

Figure 1. [illegible]

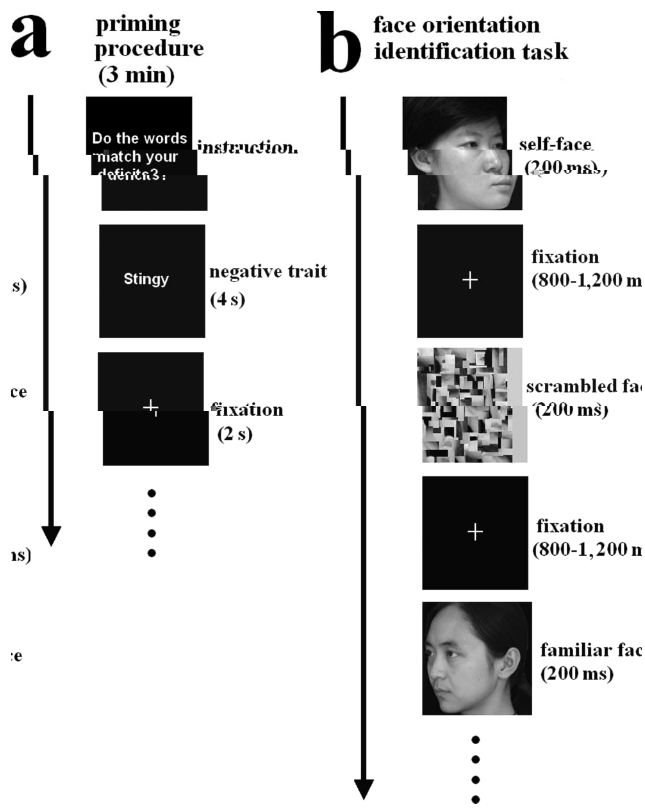

Figure 2.

Mean Response Accuracy (%) in Experiment 2a

	[illegible]		[illegible]	
	M	SD	M	SD
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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

Method

Participants.

Stimuli and procedure.

Results and Discussion

Mean Response Accuracy (%) in Experiment 2b

	[illegible]		[illegible]	
	M	*SD*	*M*	*SD*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Experiment 3: The Right Hemisphere Dominates the SCT Effect

[illegible]

Method

Participants. [illegible]

Stimuli and procedure. [illegible]

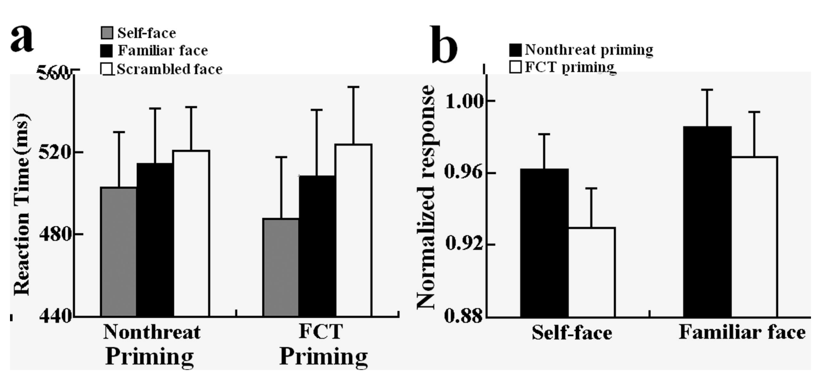

Figure 4. [illegible]

Results and Discussion

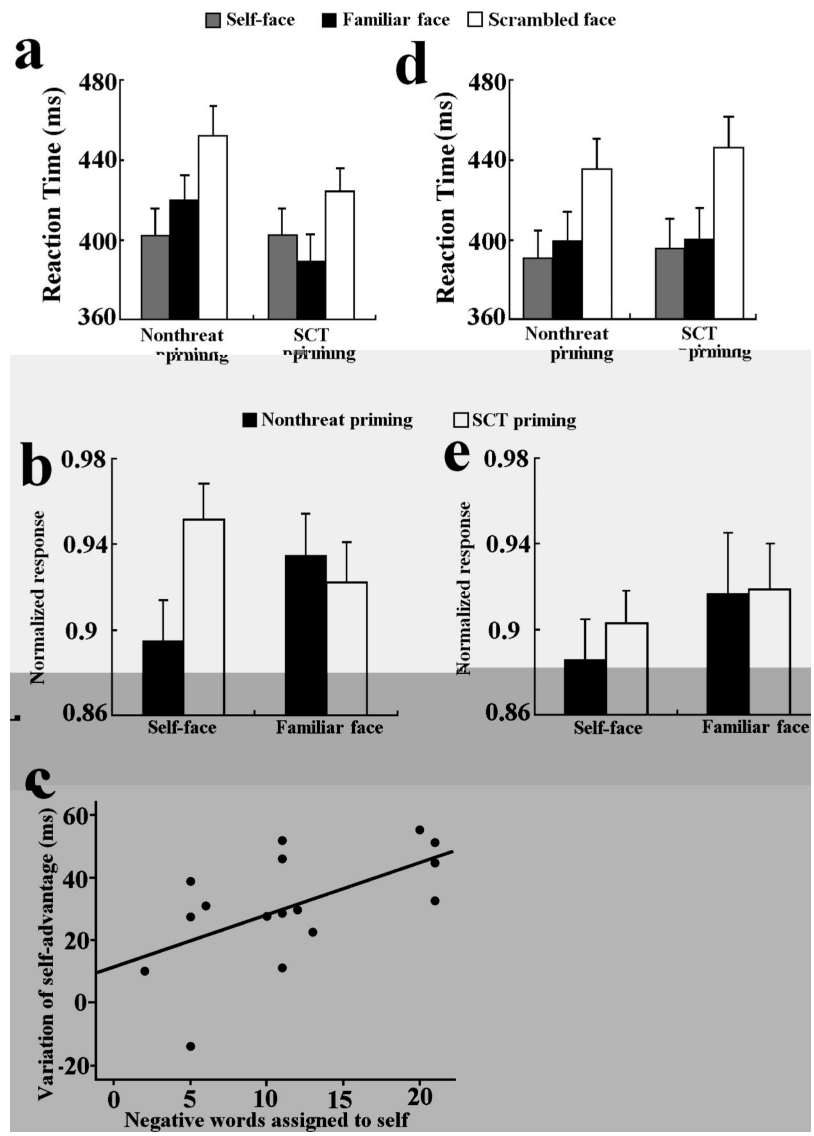
Self-face
Familiar face
Scrambled face
a
d
Reaction Time (ms)
480
440
400
360
Nonthreat priming
SCT priming
Nonthreat priming
SCT priming
b
e
0.98
0.94
0.9
0.86
Normalized response
Self-face
Familiar face
c
60
40
20
0
-20
Variation of self-advantage (ms)
0
5
10
15
20
Negative words assigned to self

Figure 5.

[illegible]

Method

Participants. [illegible]

Stimuli and procedure. [illegible]

Results and Discussion

[illegible]

Table [illegible]

Mean Response Accuracy in Experiment 4

	[illegible]		[illegible]	
[illegible]	[illegible] % (*SD*)	[illegible] % (*SD*)	[illegible] % (*SD*)	[illegible] % (*SD*)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Note. [illegible]

[illegible]

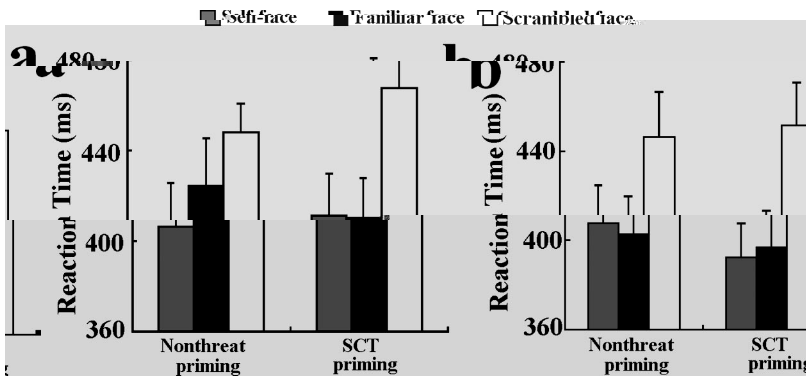

Figure 6.

General Discussion

The IPA Theory of Self-Advantage in Face Recognition

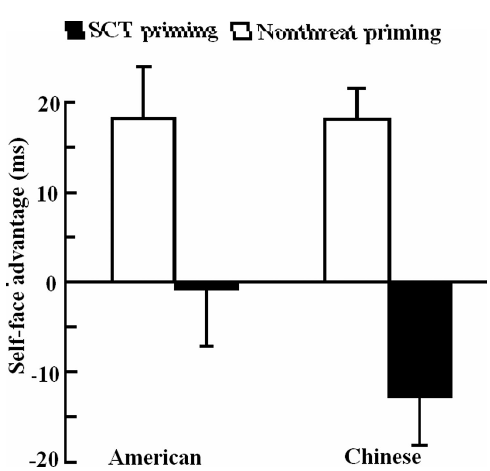

Figure 7.

Alternative Explanations

Self-Face Advantage in Implicit Versus Explicit Tasks

Conclusions

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Correction to Kornblum et al. (1999)

[illegible] (*Journal of Experimental Psychology: Human Perception and Performance* [illegible]

[illegible] *The locus of Ericksen, Simon and Stroop effects:* [illegible]

[illegible]