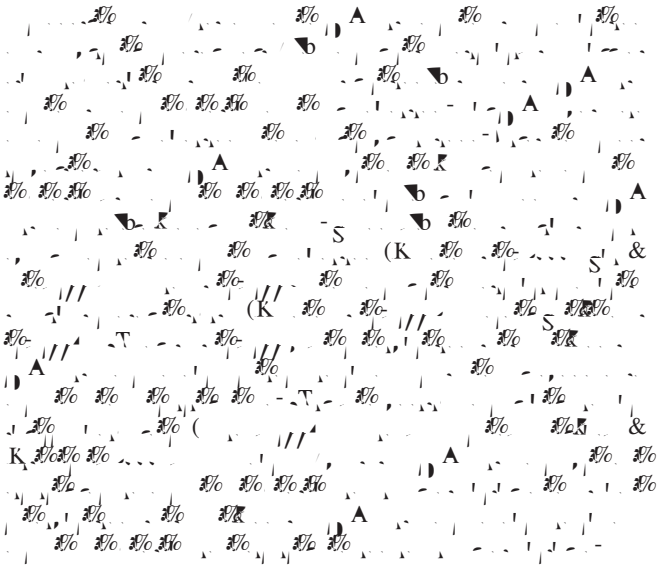
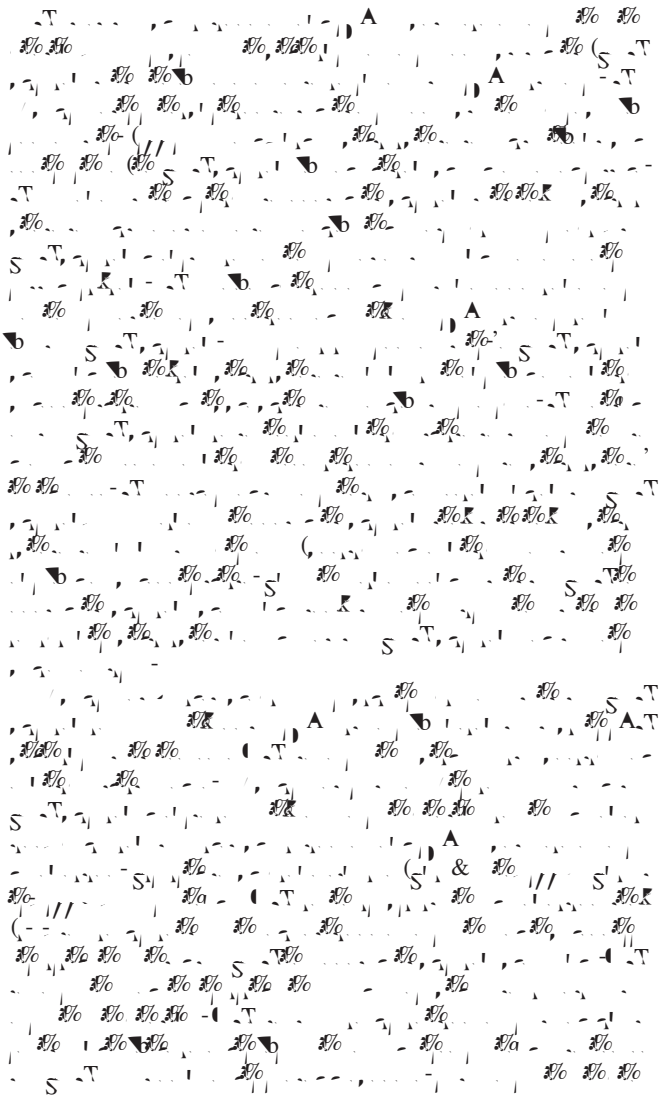
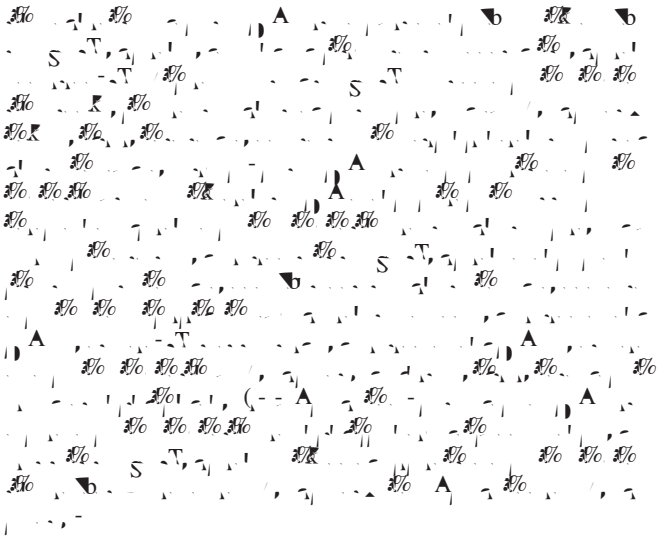
An IPA Theory of Self-Face Recognition

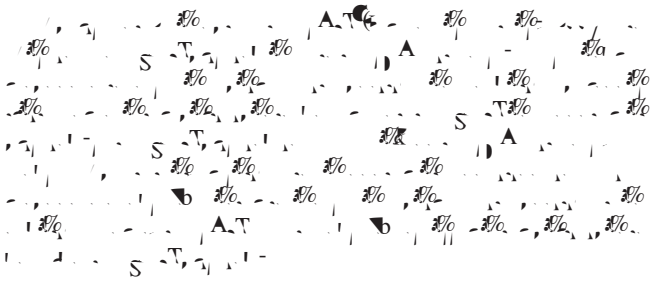


An Overview of the Present Study





Experiment 1: SCT Weakens Positive Associations With Self-Face



Method

Participants.

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

	M	*SD*	*M*	*SD*
+				
+				

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

Method

Participants.

Stimuli and procedure.

Results and Discussion

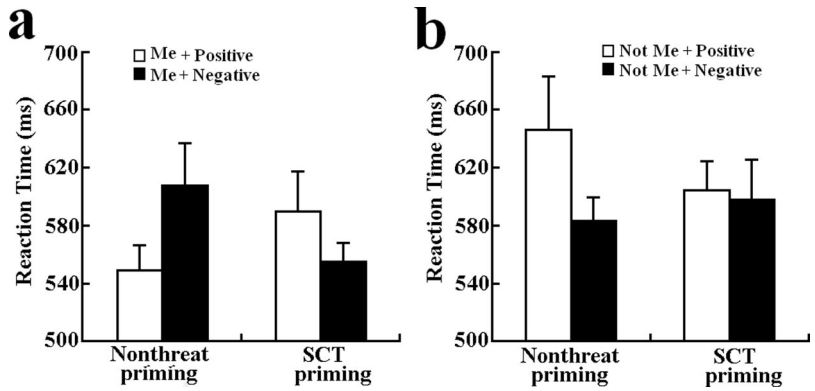


Figure 1.

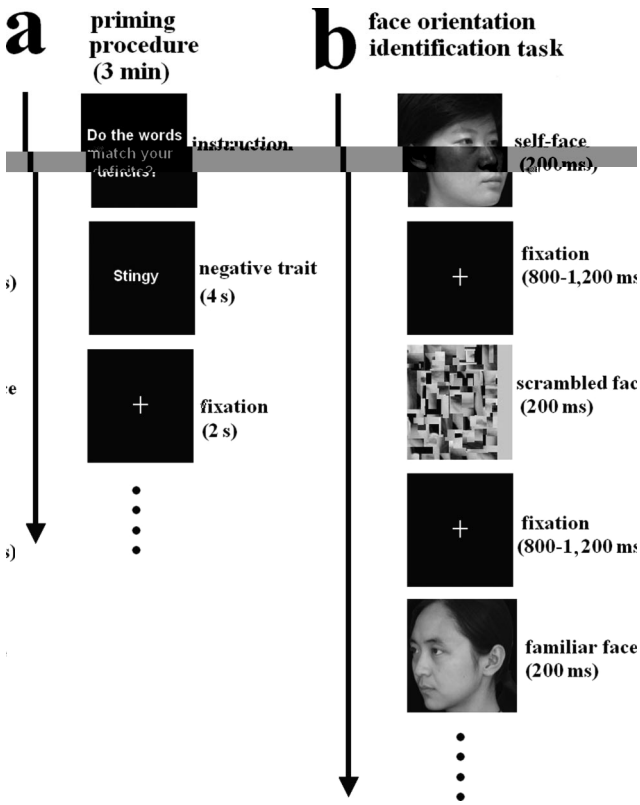


Figure 2.

Mean Response Accuracy (%) in Experiment 2a

	M	*SD*	*M*	*SD*

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

	M	*SD*	*M*	*SD*

Experiment 3: The Right Hemisphere Dominates the SCT Effect

Method

Participants.

Stimuli and procedure.

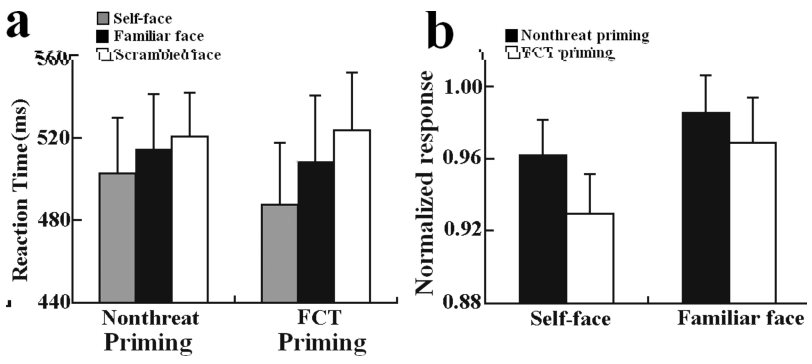


Figure 4.

Results and Discussion

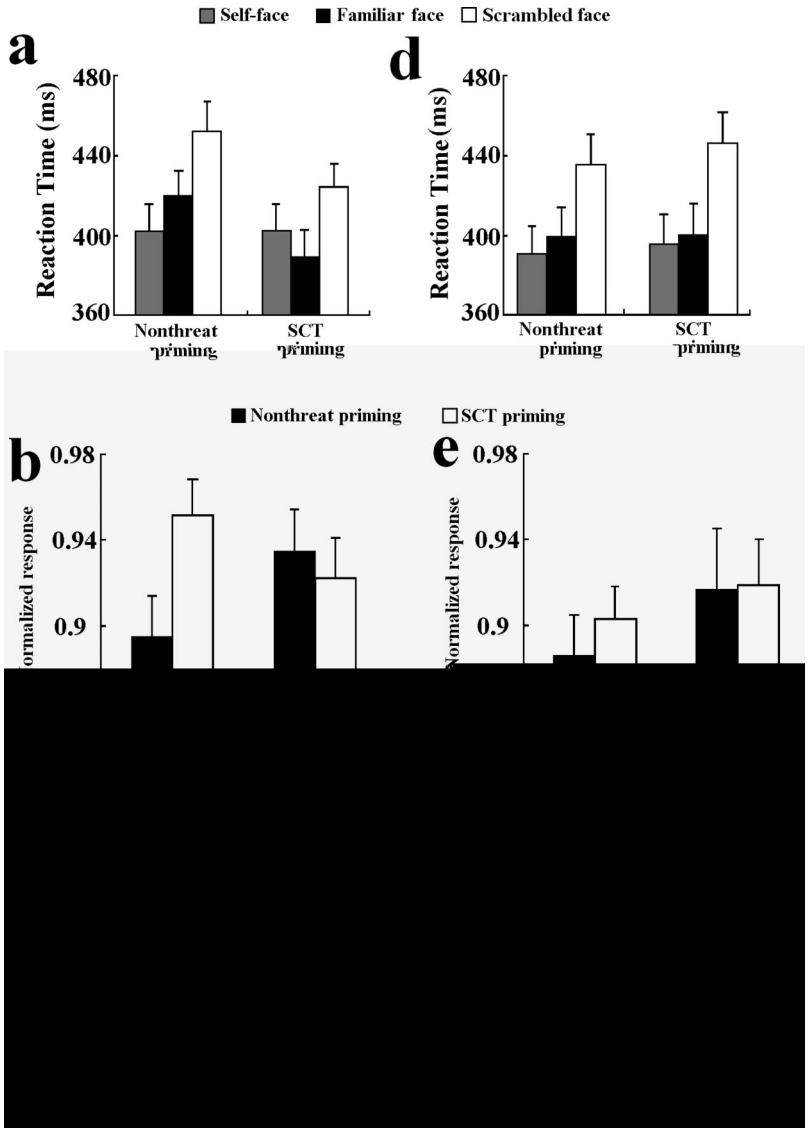

Self-face
Familiar face
Scrambled face
a
d
Reaction Time (ms)
480
440
400
360
Nonthreat priming
SCT priming
Nonthreat priming
SCT priming
b
e
0.98
0.94
0.9
Normalized response

Figure 5.

Method

Participants.

Stimuli and procedure.

Results and Discussion

Mean Response Accuracy in Experiment 4

	% (*SD*	% (*SD*	% (*SD*	% (*SD*

Note.

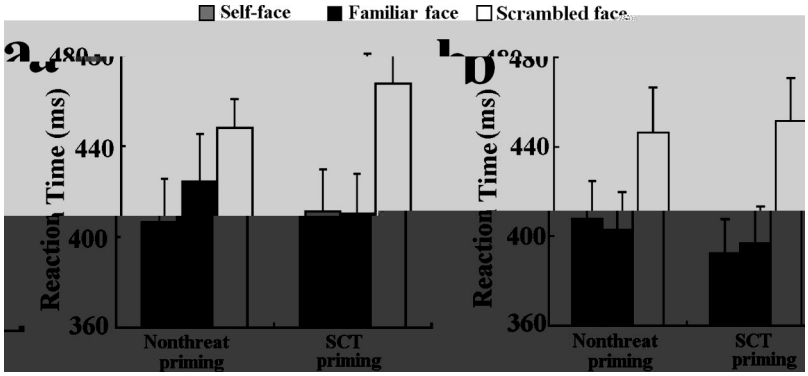


Figure 6.

General Discussion

The IPA Theory of Self-Advantage in Face Recognition

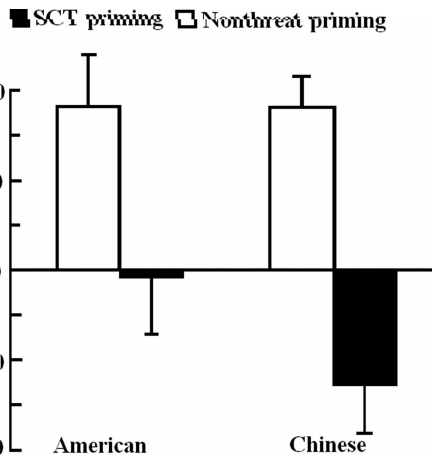


Figure 7.

Alternative Explanations

Self-Face Advantage in Implicit Versus Explicit Tasks

Conclusions

References

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Correction to Kornblum et al. (1999)

(*Journal of Experimental Psychology: Human Perception and Performance*

- The locus of Ericksen, Simon and Stroop effects: