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Department of Psychology and Key Laboratory of Machine Perception (Ministry of Education), Peking University, 5 Yiheyuan Road, Beijing 100871, PR China

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#### 2. Methods

#### 2.1. Participants

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3. Results

3.1. Psychophysical results

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- Ta, M. J., & C, Y. D. (2003). La \_\_\_\_\_\_ac a b c. Trends in Cognitive Sciences, 7, 23 30.
  W, N. M a, F. S., & Ø, G. (1972). D a a a a a a b c b c b c b a c b c b a c b c a c b c c b c a c c . Psychonomic Science, 27, 89 91.
  Y, G., L, J., G ab c, M., & Pa, K. A. (2003). N a c a a c c a a a a a c c . Journal of Cognitive Neuroscience, 15(3), 462 474.

- Y , G., Sa , B., P , I., H , T., & Z a , A. (2008). T ac -c ERP c (N170) c a ac c a a (FFA) a a c (STS) b cc a ac a a (OFA): A a MRI-EEG .Journal of Vision, 8(6), 401. Z , H., F a , H. S., & H , R. (2000). C b a c .Journal of Neuroscience, 20, 6594 6611.