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Cultural Differences in Cognitive Processing of the Self

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Cultural Differences in Neural Basis of Self-representation

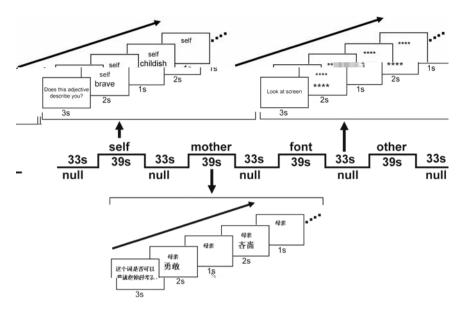


Figure 2 Schema of the design of Zhu et al.'s study (2007). Each trait adjective was presented for 2 seconds and subjects had to judge if each work could describe the self, mother, a public person. Font judgment was used to provide a low-level baseline. The stimuli and procedure of mother, other, and font judgments were the same as those of the self-judgment except that the word 'self' on the screen was replaced by 'mother', 'Bill Clinton' for Western subjects or 'Rongji Zhu' for Chinese subjects, or 'font', respectively. Instructions and trait words were in English for Westerners but in Chinese for Chinese subjects.

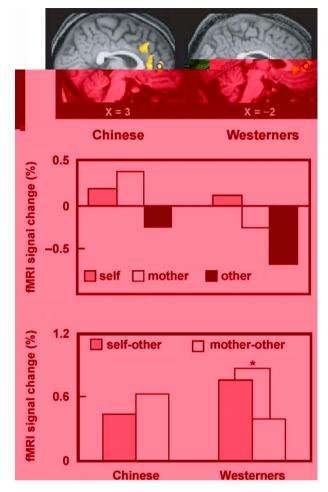


Figure 3 fMRI results of ROI analysis in MPFC from Zhu et al. (2007). (a) Illustration of the locus of vMPFC (marked with blue circles); (b) fMRI signal changes related to self-, mother, and other judgments; (c) Differential percent signal changes (self minus other and mother minus other). The asterisk indicates a significant difference between the self- and motherreference effects in signal changes.

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Acknowledgment

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