Sensitivity of the N400 to the phonetics but not the phonology of Mandarin tones

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ni





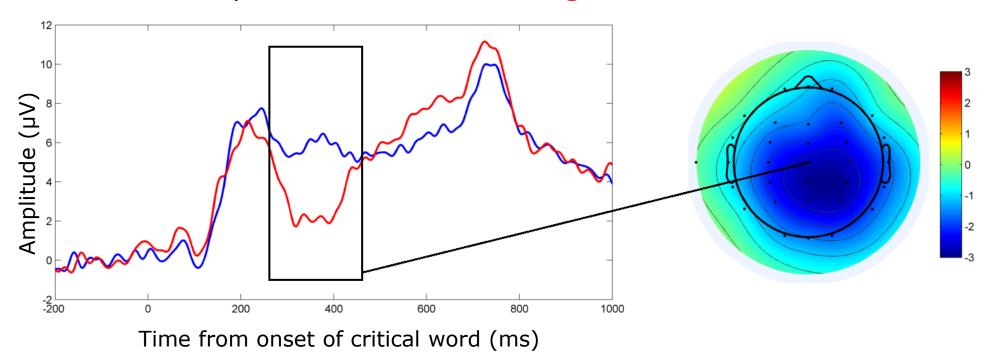


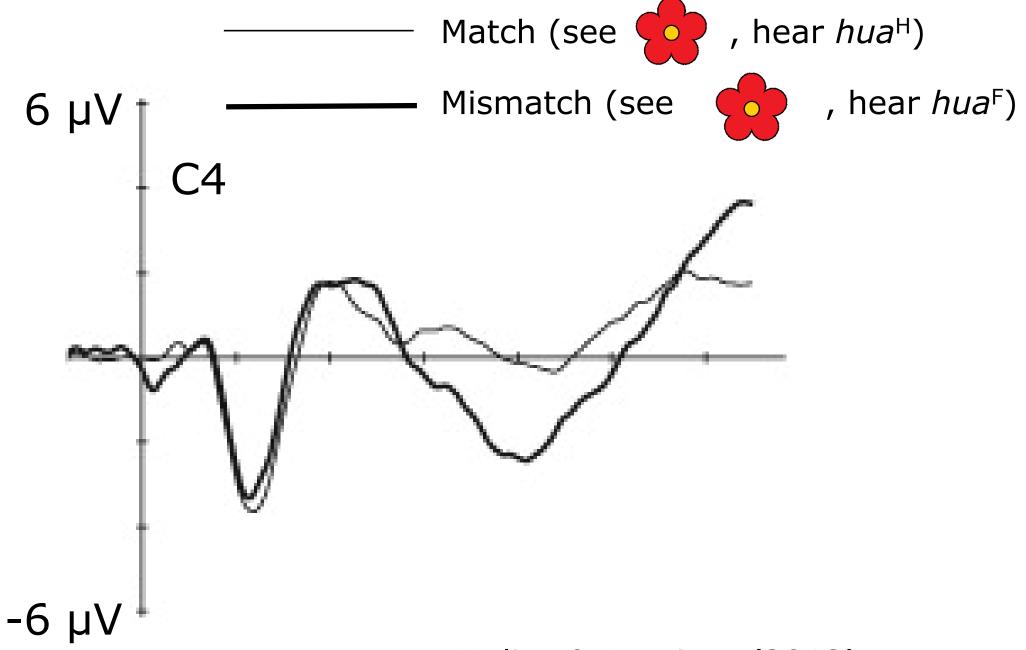
Third Tone Sandhi

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/ Low . Low / \rightarrow [Rise . Low]
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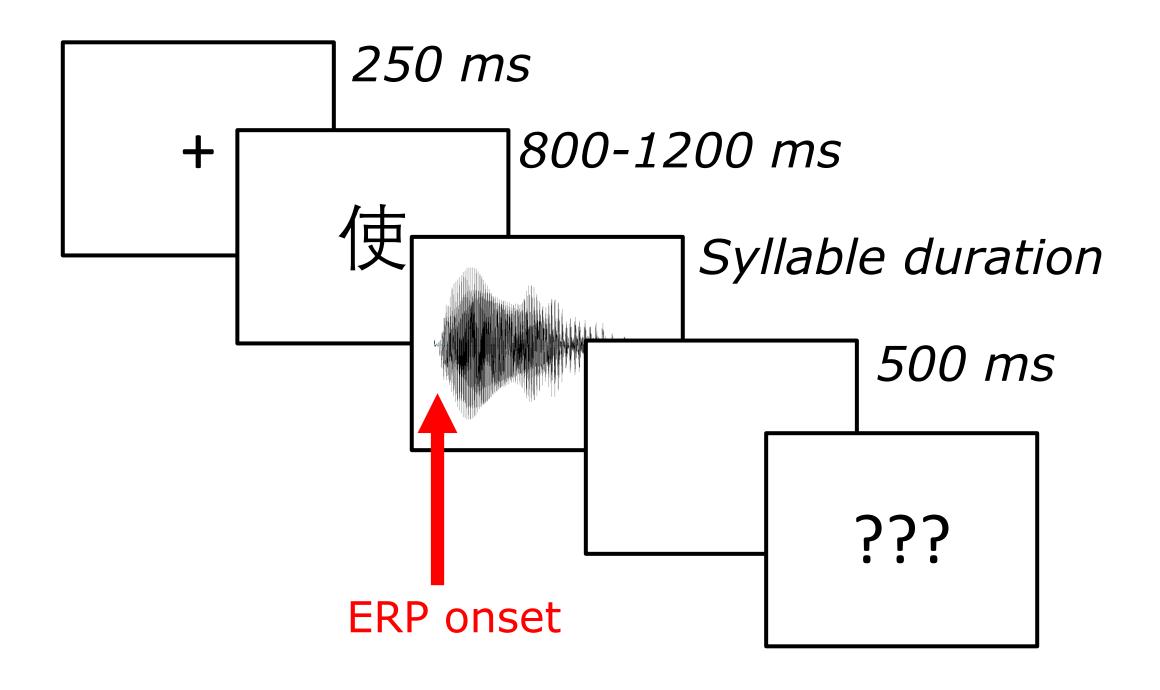
The N400

I drink my coffee with cream and sugar.
I drink my coffee with cream and dog.

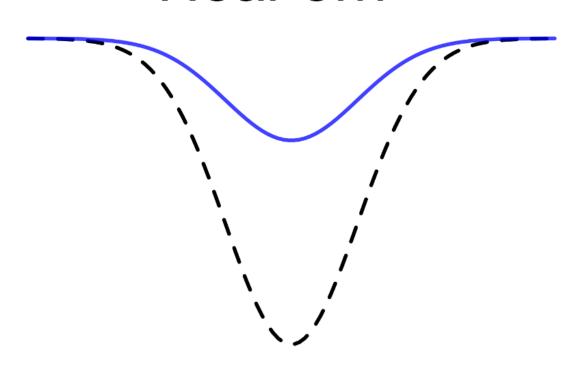




Malins & Joanisse (2012)

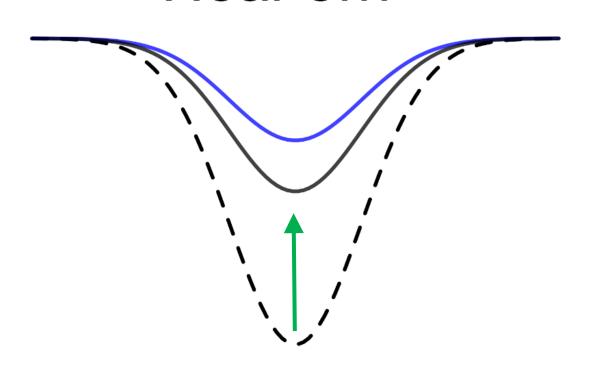


Hear shi^R

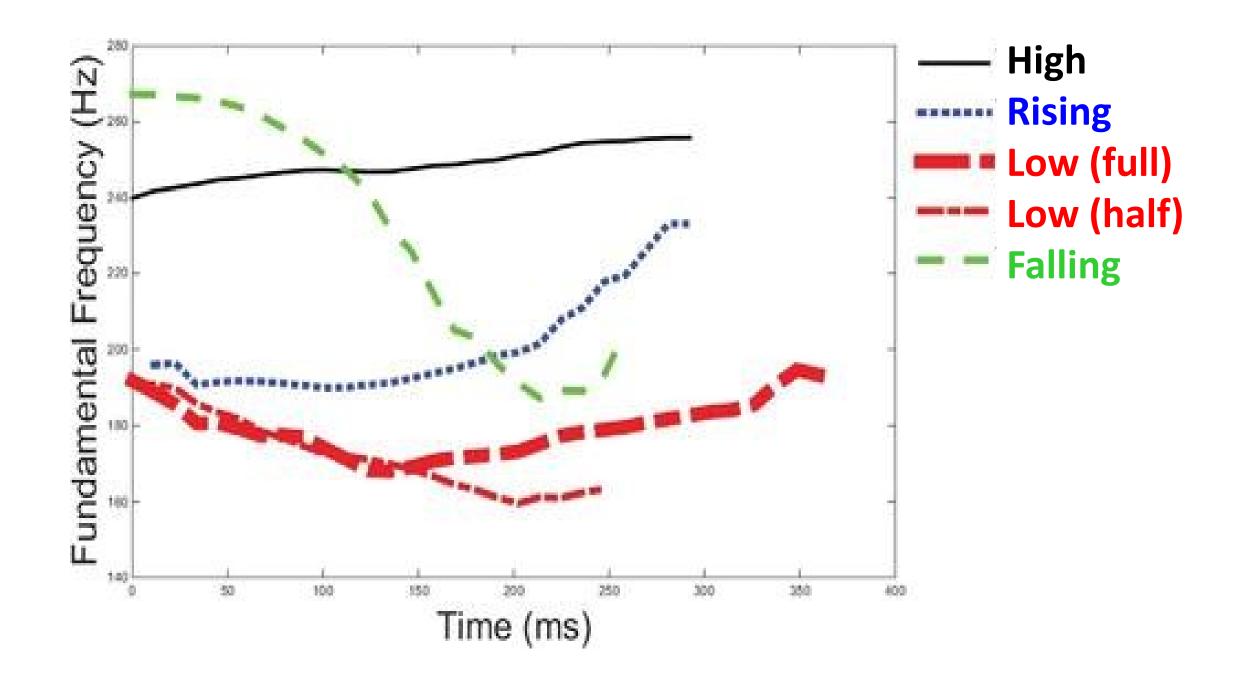


After expecting shi^R After expecting shi^H or shi^F

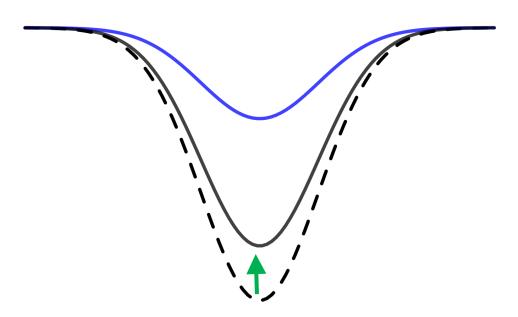
Hear shi^R



- After expecting shi^R After expecting shi^L After expecting shi^H or shi^F

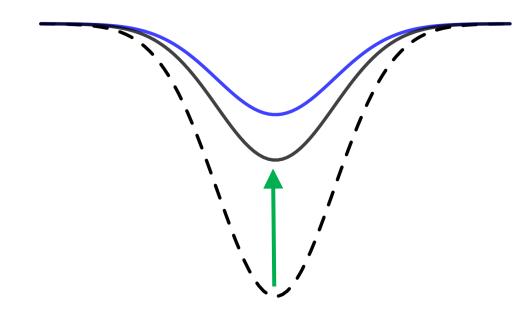


Hear shi



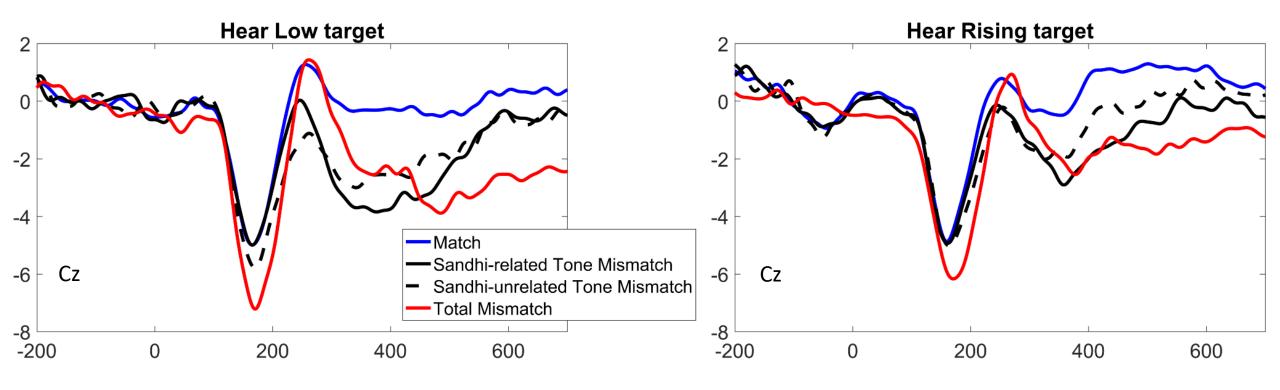
- After expecting shi^{L} After expecting shi^{R} After expecting shi^{H} or shi^{F}

Hear shi^R



- After expecting shi^R After expecting shi^L After expecting shi^H or shi^F

Preliminary results (N=57)

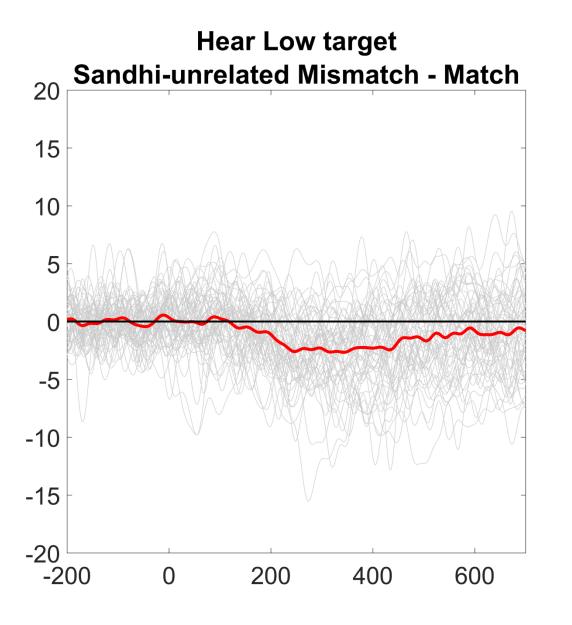


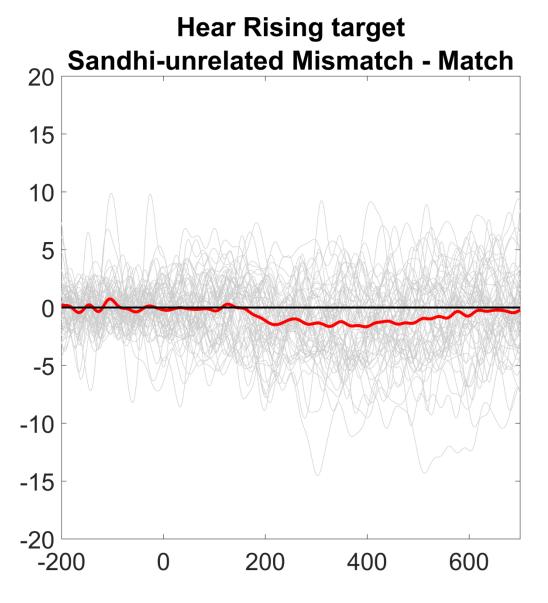
Poster 12 this afternoon!

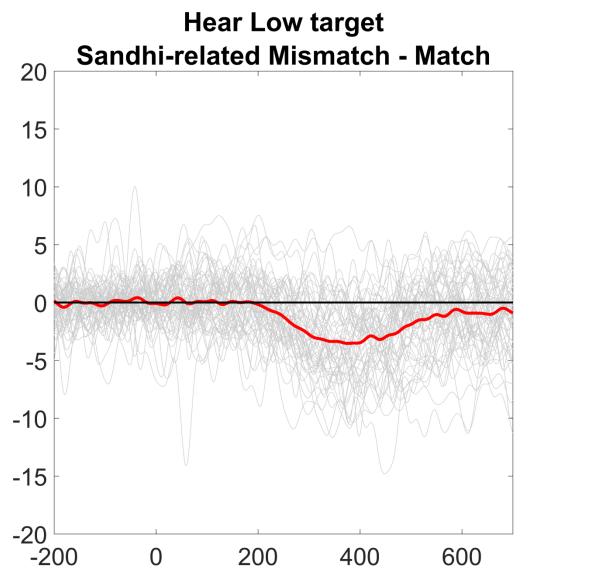
Thank you!

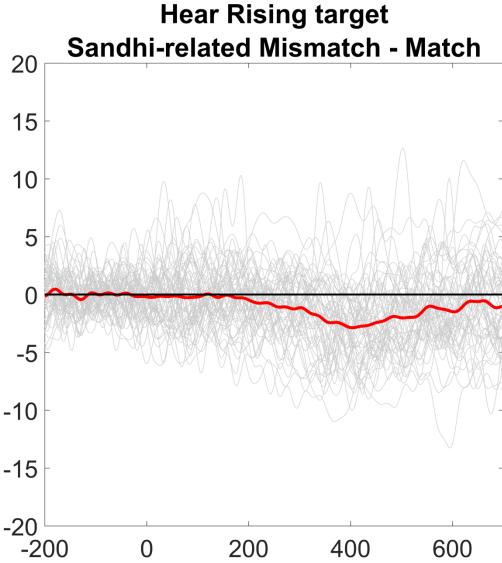
多謝!

감사합니다!

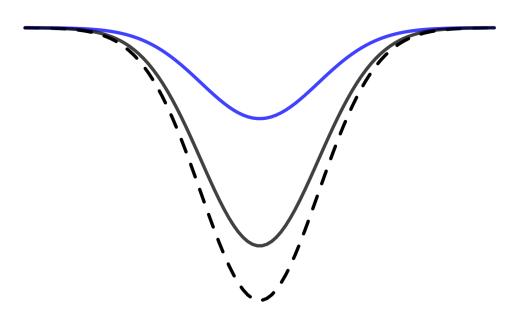






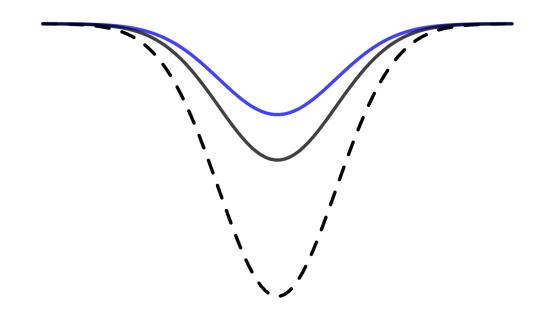


Hear shi^L



- After expecting shi^{R} After expecting shi^{R}
- After expecting shi^H or shi^F

Hear shi^R



- After expecting shi^R After expecting shi^L After expecting shi^H or shi^F

