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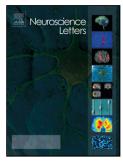
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ACCEPTED MANUSCRIPT

Perceived timing of active head movement at different speeds

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Short title: Perceived timing of active head movement at different speeds

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Highlights

- Active head movement onset must precede sound onset to be perceived as simultaneous
- This perceptual delay for active head movement onset is reduced with head movement speed
- There is a persistent perceptual delay of active head movement onset even at extreme speeds

ABSTRACT

The central nervous system must determine which sensory events occur at the same time.

Actively moving the head corresponds with large changes in the relationship between the

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