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## 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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