THE EFFECT OF GAZE CUES ON TEMPORAL ORDER JUDGEMENTS

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INTRO

Gaze cues are powerful social signals that orient our attention.

There is a lack of research on gaze cues and time perception.

Our questions:
(1) Is time perception different for gazed-at targets compared to gazed-away-from targets?
(2) Do emotional expressions affect this?

METHODS

Temporal order judgement task:
Indicate whether the first target appeared on the left or right side

RESULTS

Higher accuracy for congruent trials than incongruent trials

CONCLUSION

Higher temporal accuracy for gaze congruent targets
Perception of fear also seems to change time perception
Possible adaptive reason for reacting faster to gazed-at targets and emotional targets

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(1) Is time perception different for gazed-at targets compared to gazed-away-from targets?
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Temporal order judgement task:
Indicate whether the first target appeared on the left or right side

Higher proportion of left responses for fearful trials

Higher accuracy for congruent trials than incongruent trials

Higher temporal accuracy for gaze congruent targets
Perception of fear also seems to change time perception
Possible adaptive reason for reacting faster to gazed-at targets and emotional targets