## Metacognition in audiovisual spatial integtion

Zinong Li<sup>1</sup>, Luhe Li<sup>1</sup>, Michael S. Landy<sup>1,2</sup>

<sup>1</sup>Department of Psychology, New York University, <sup>2</sup>Center for Neural Science, New York University

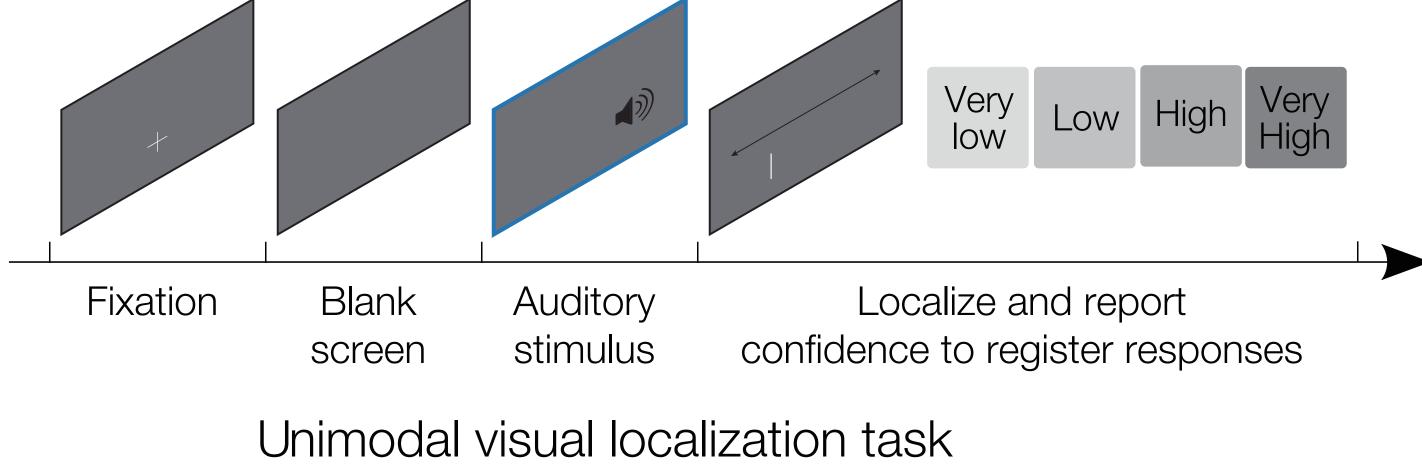


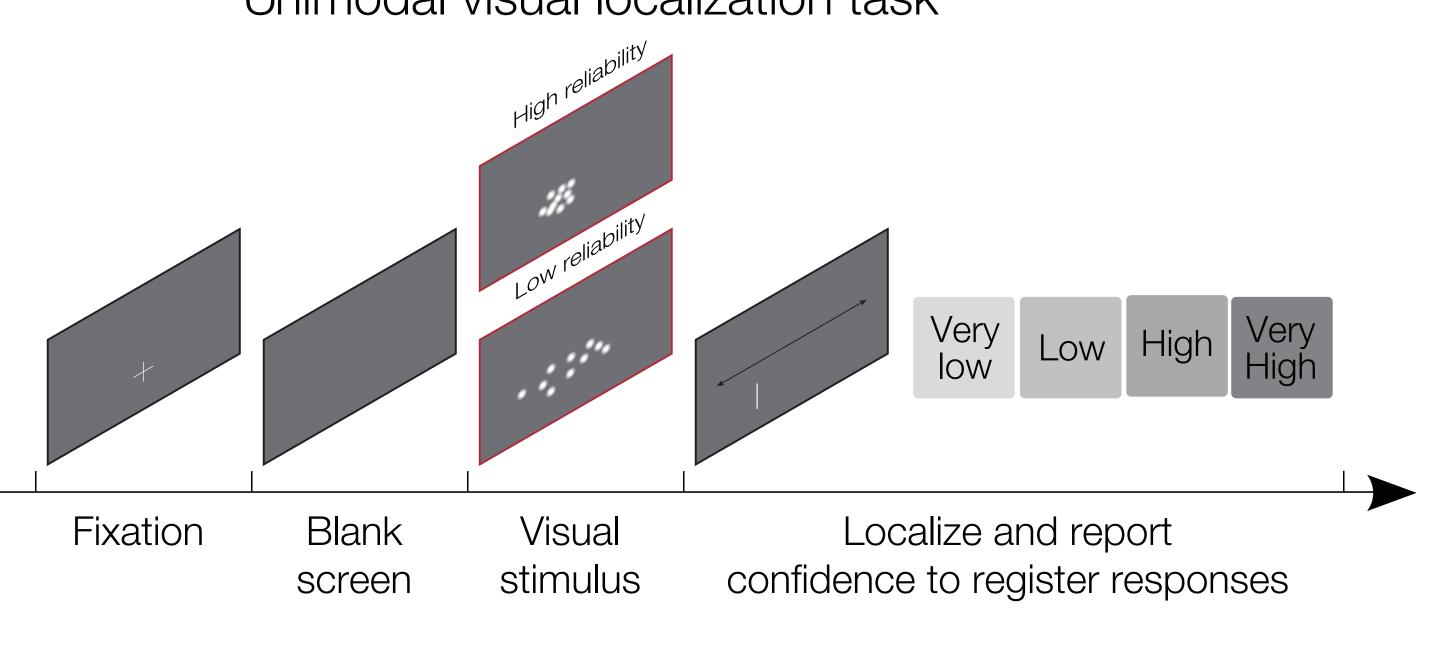
## Question

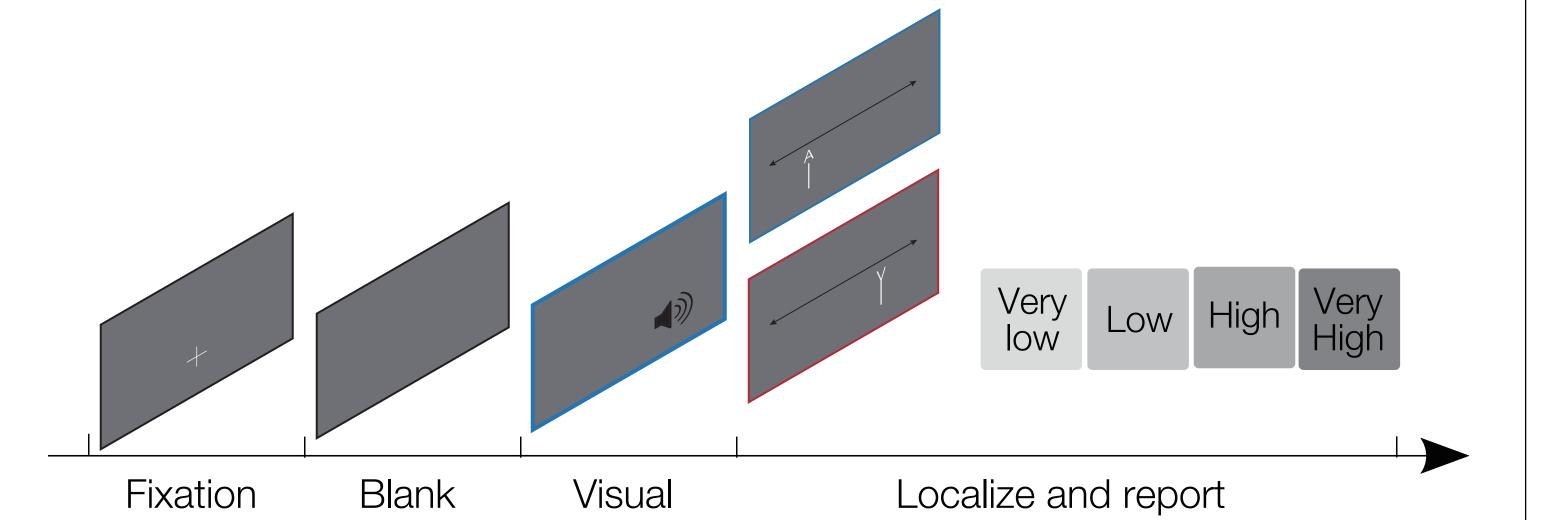
Humans are often optimal in multisensory cue integration. Are humans also optimal Bayesian observers when reporting their confidence in multisensory estimates?

## Experiment

Unimodal auditory localization task







confidence to register responses

Bimodal audiovisual localization task

stimulus

screen

## Model

