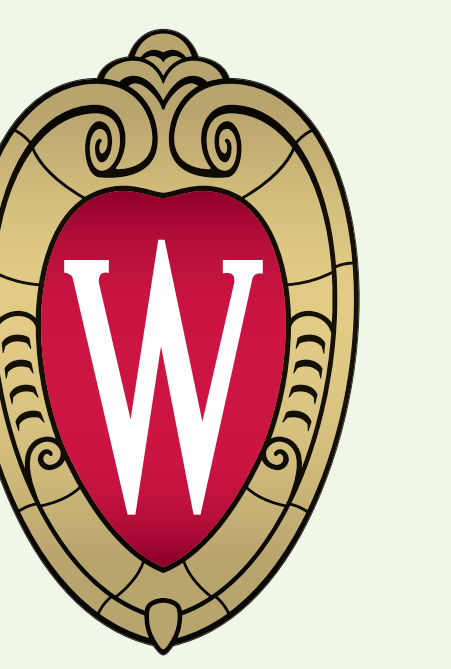


CONFIDENCE AMPLIFIES SERIAL DEPENDENCE IN PERCEPTUAL DECISIONS

Jason Samaha¹, Missy Switzky¹, & Bradley R. Postle^{1,2}

¹Department of Psychology, ²Department of Psychiatry, University of Wisconsin-Madison



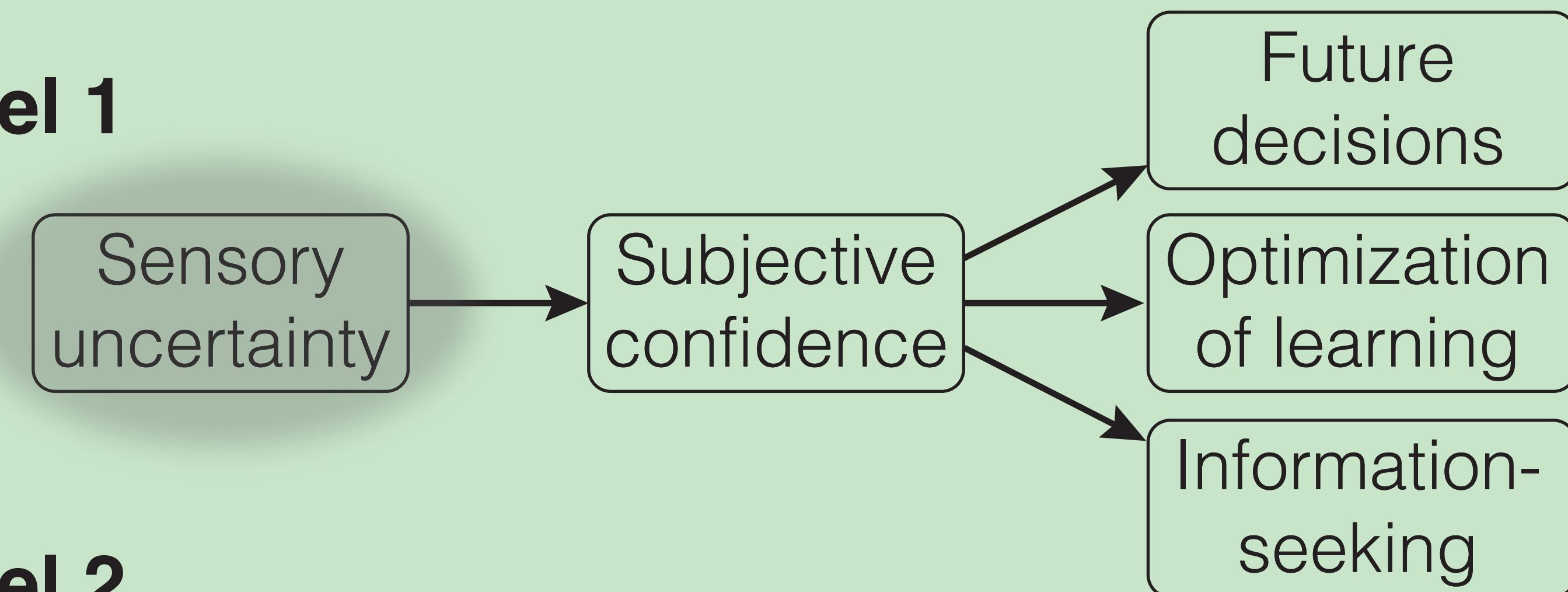
PÖ•STL•AB

WHY COMPUTE CONFIDENCE?

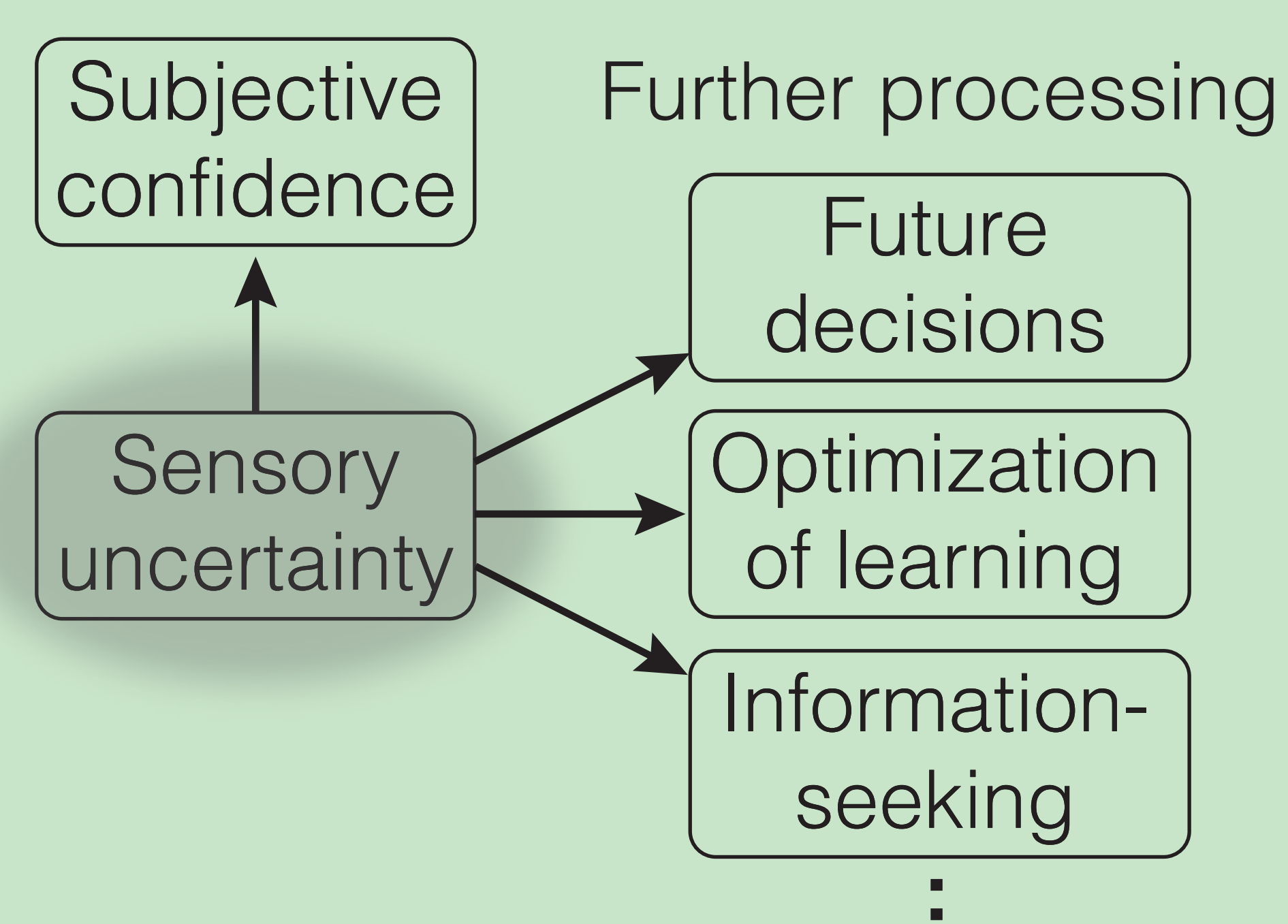


Further processing

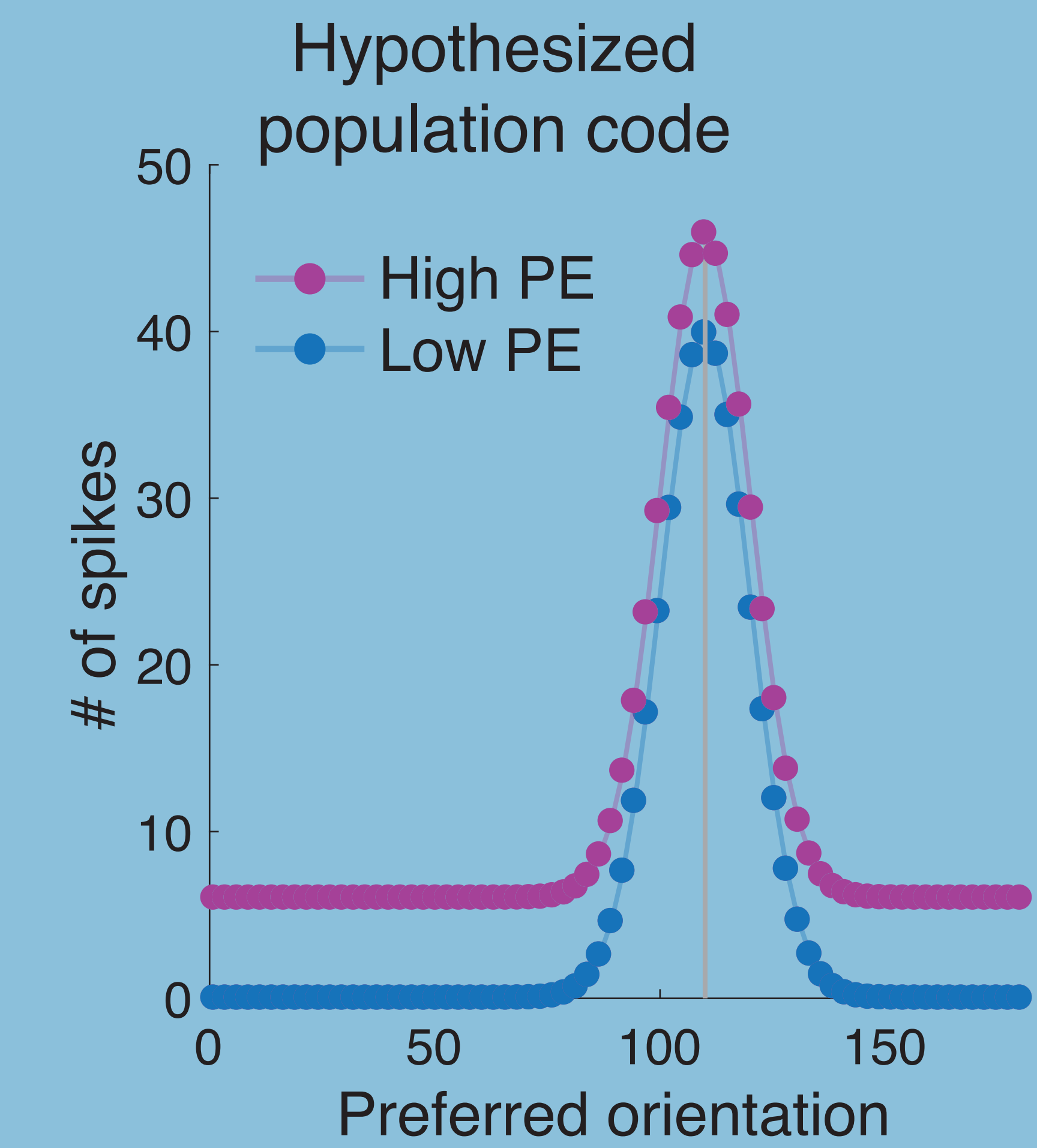
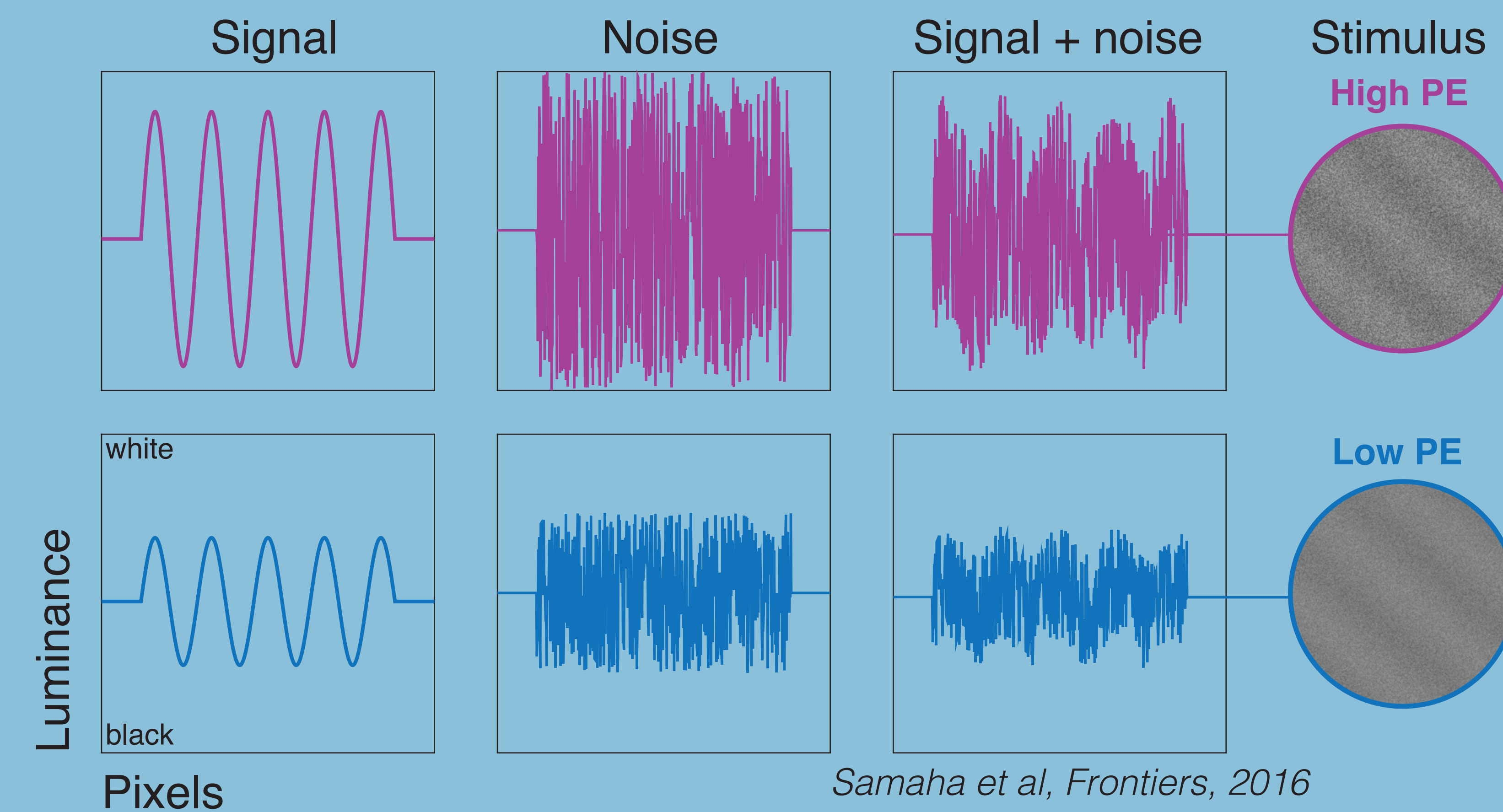
Model 1



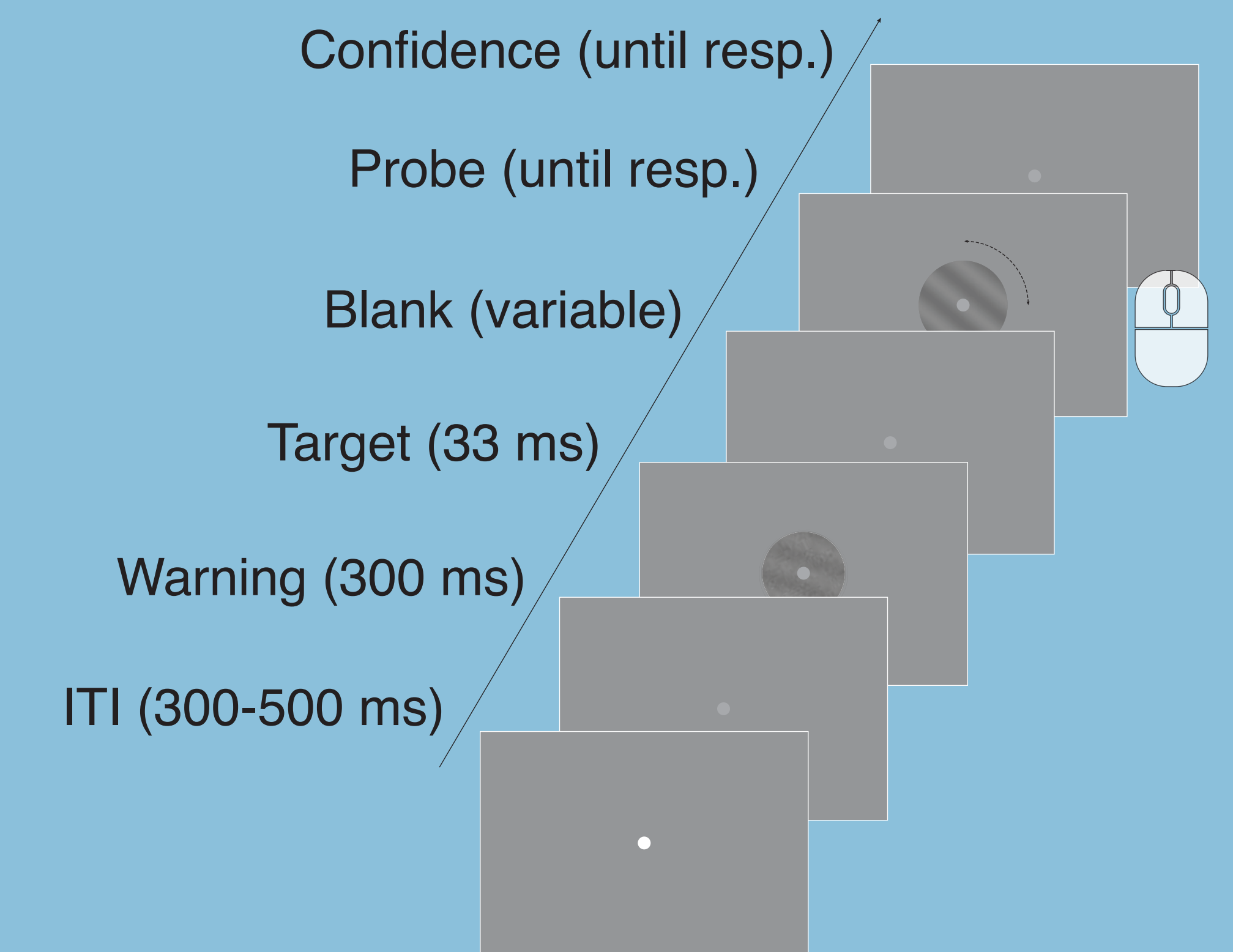
Model 2



STIMULI

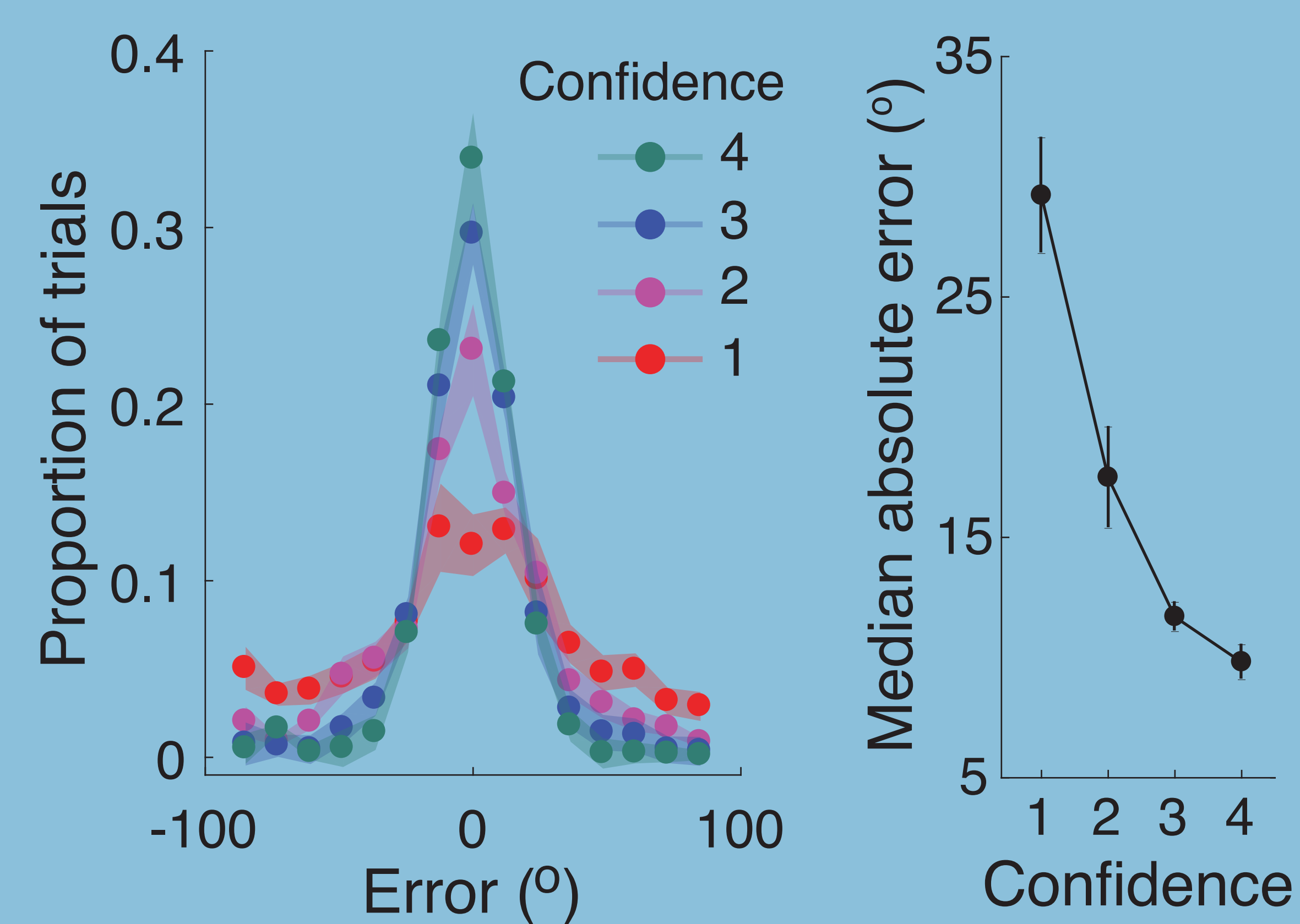


TASK

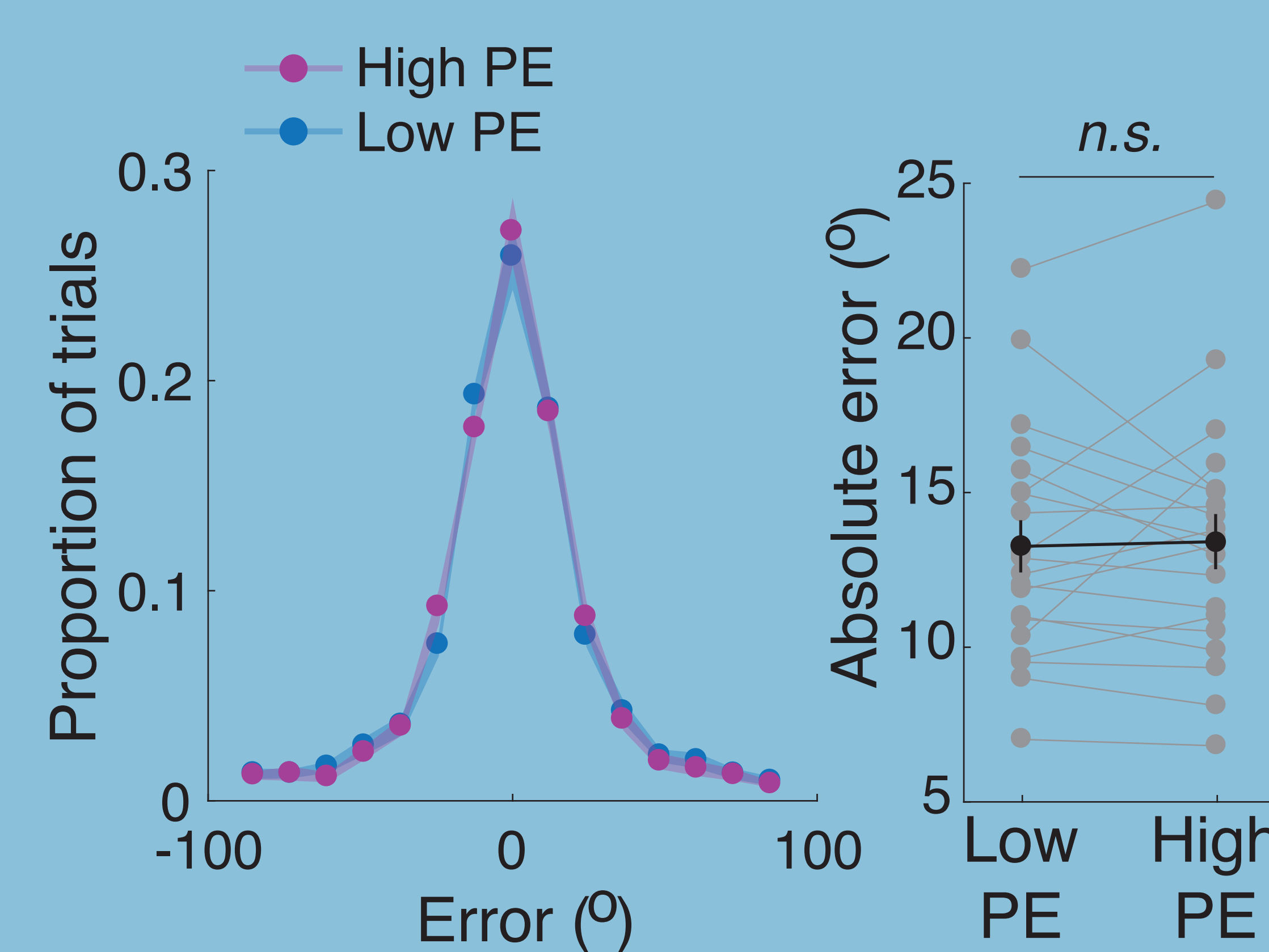


DISSOCIATING PERFORMANCE FROM CONFIDENCE

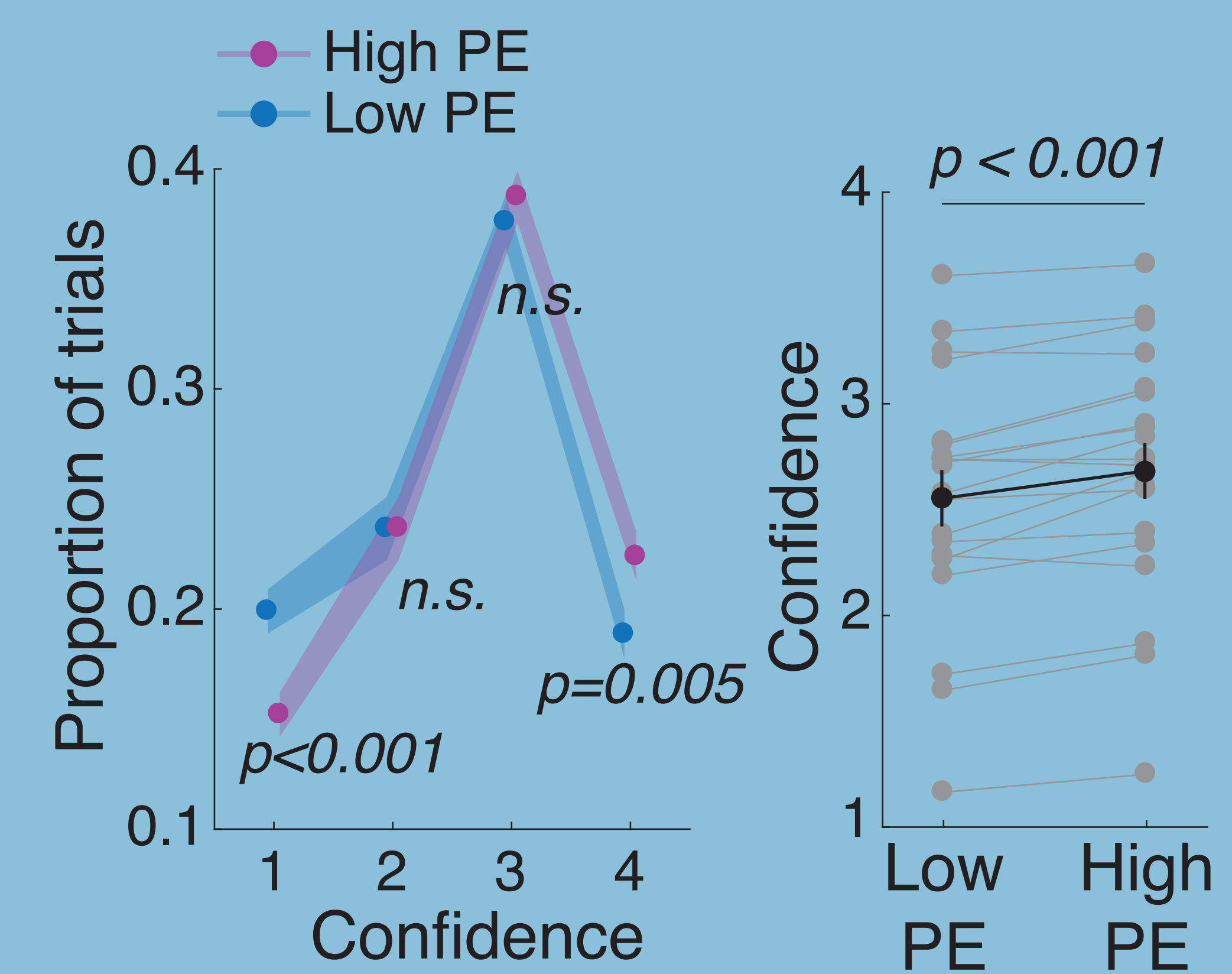
Confidence-error relationship



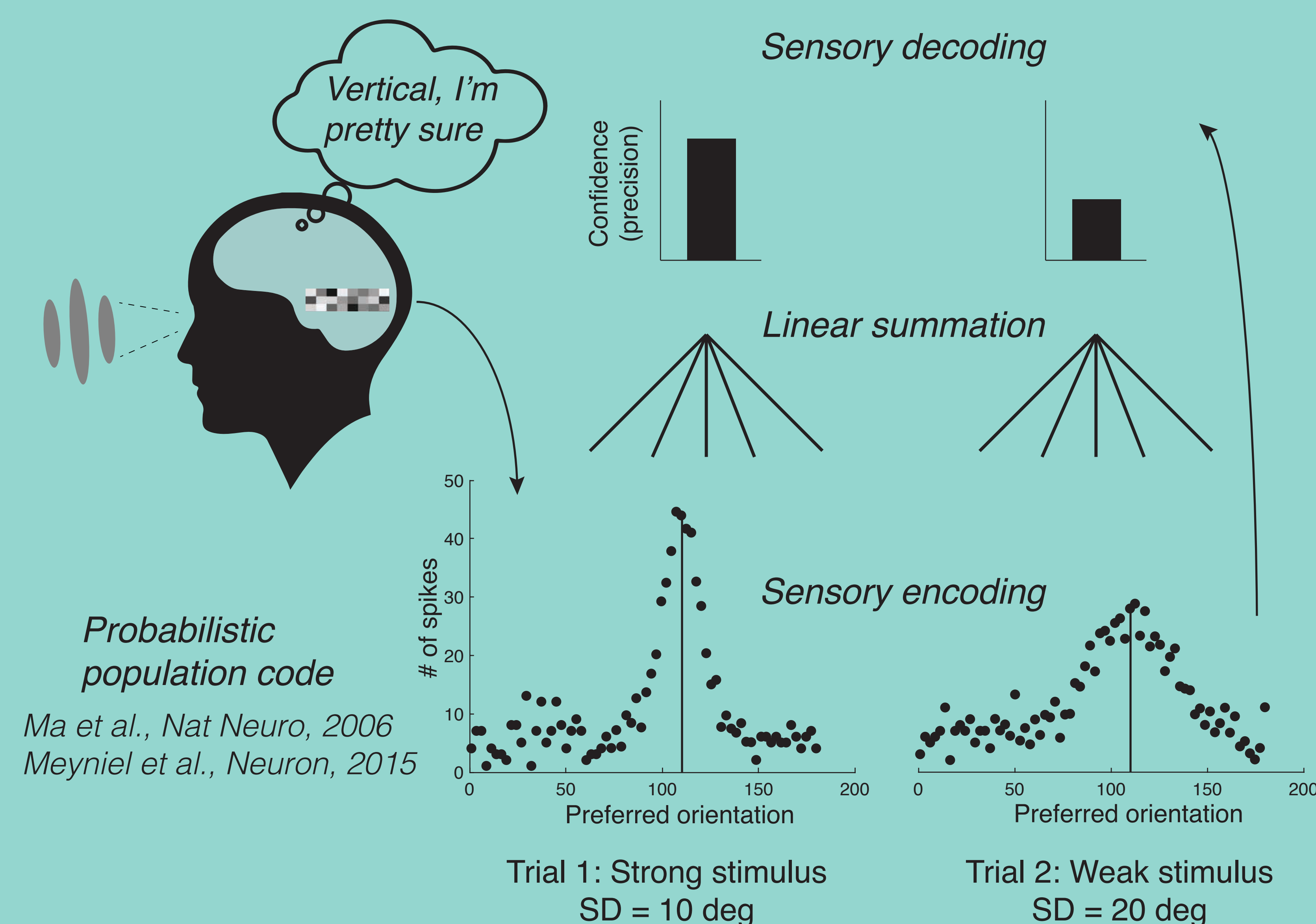
Error by PE



Confidence by PE

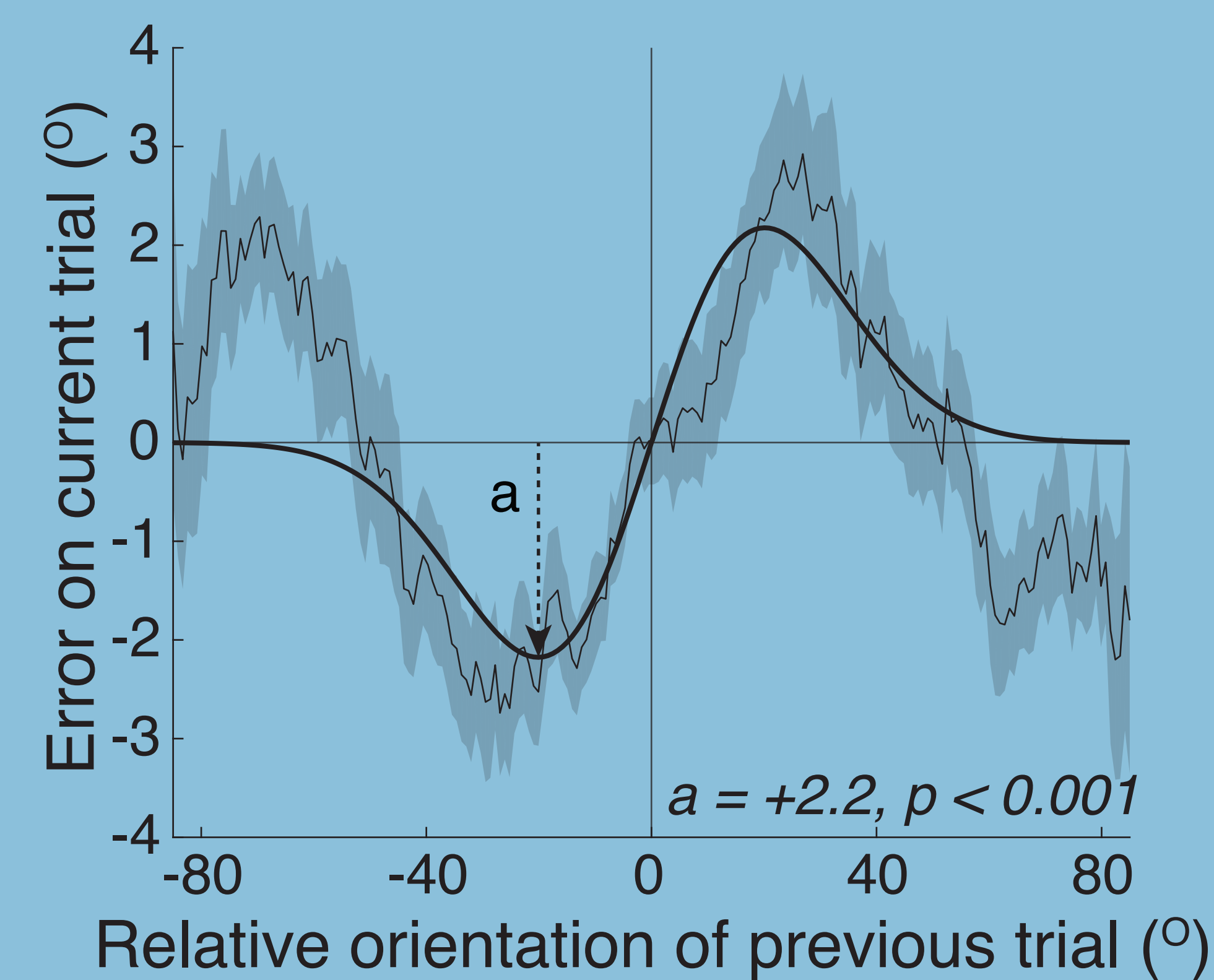


NEURAL MODEL OF CONFIDENCE

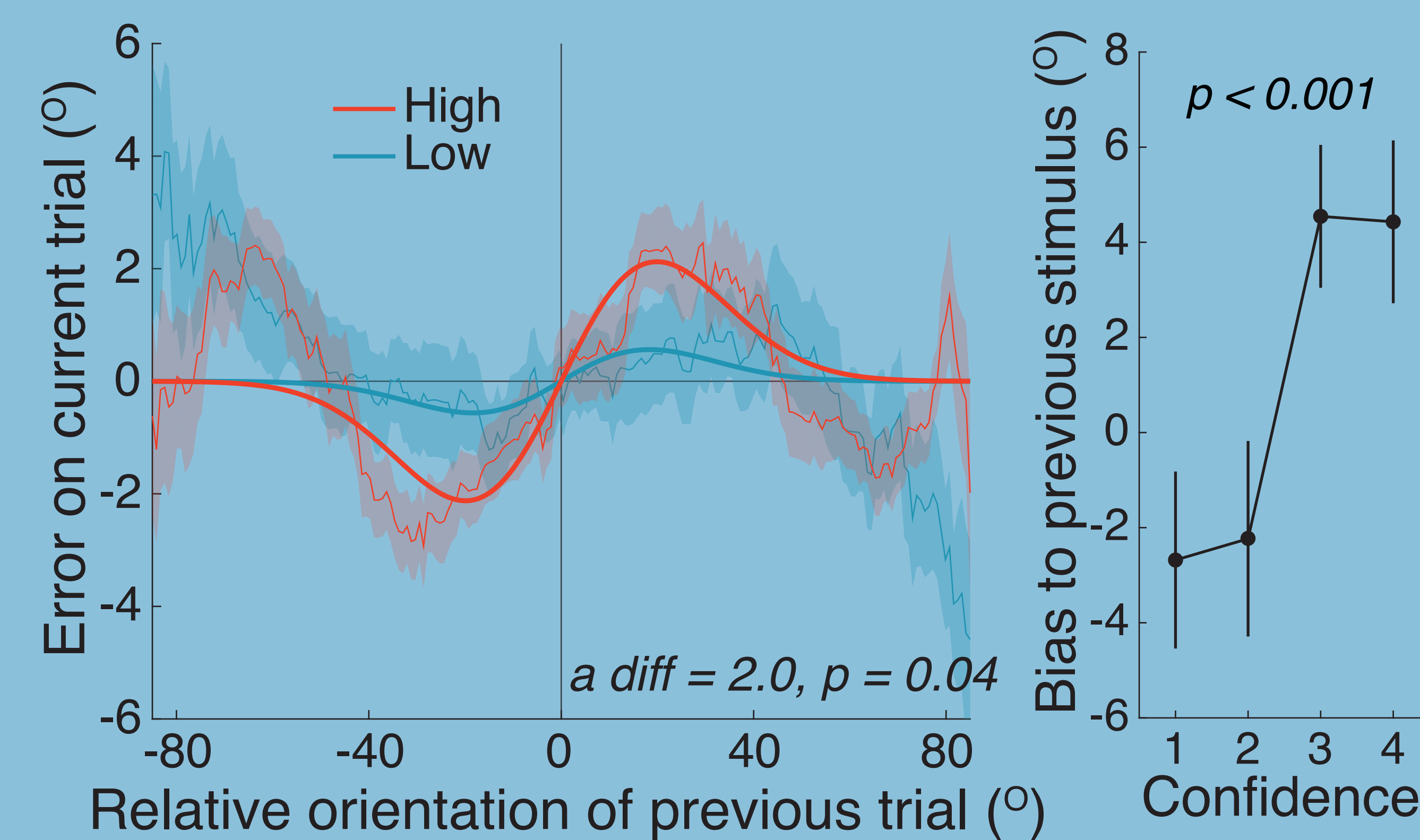


CONFIDENCE-MEDIATED SERIAL DEPENDENCE

"Correct" trials



Previous trial confidence



Previous trial PE

