

Cognitive modeling: intelligent questions week 3

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1 Shi et al. *Bayesian optimization of time perception*

The paper suggests that the likely reason for contextual calibration is an effort to improve timed performance by reducing the overall error using a Bayesian approach. Could other cognitive processes, besides time perception, in which this contextual calibration might occur also be explained using a Bayesian approach? Things like colour and brightness of light or tone and intensity of sound?