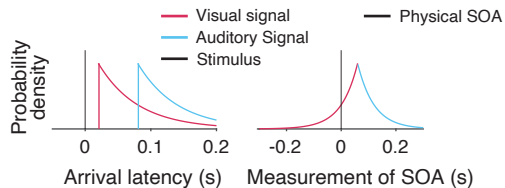
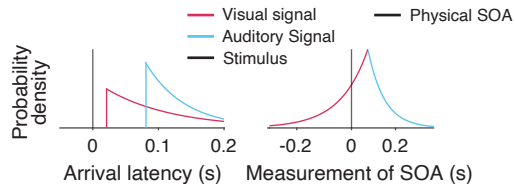


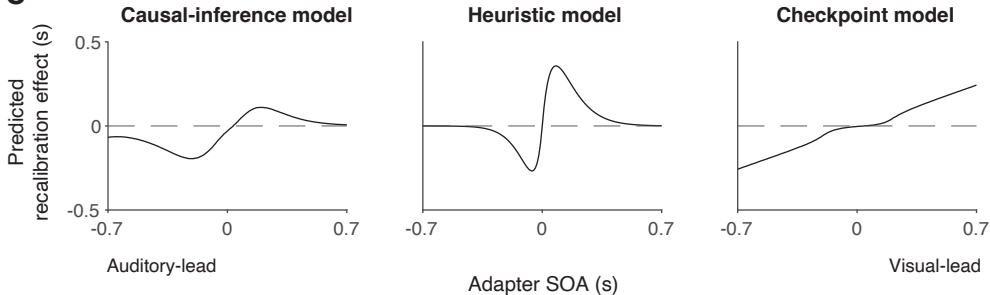
A Modality-independent-precision model



B Modality-specific-precision model



C



Bias
update rule

$$\Delta = \alpha(\hat{s} - m)$$

$$\Delta = -P(m|\text{SOA} = 0)\alpha m$$

$$\Delta = \begin{cases} \Delta - \alpha m, & \text{if } |m| > c \\ \Delta, & \text{otherwise} \end{cases}$$

Δ = recalibration effect (post-test bias - pre-test bias); α = learning rate;
 c = simultaneity criterion; m = measurement of SOA; \hat{s} = estimate of SOA