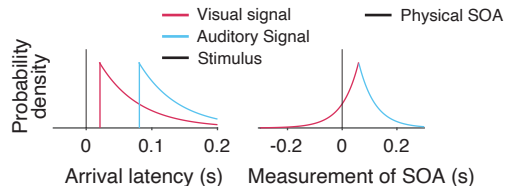
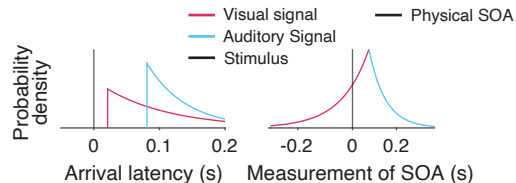


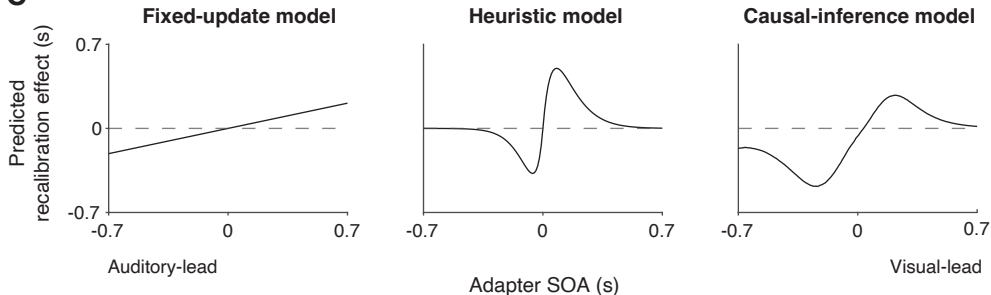
## A Modality-independent-precision model



## B Modality-specific-precision model



## C



$$\Delta = -\alpha m$$

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

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

Bias  
update rule

$\Delta$  = recalibration effect (post-test bias - pre-test bias);  $\alpha$  = learning rate;  
 $m$  = measurement of SOA;  $\hat{s}$  = estimate of SOA