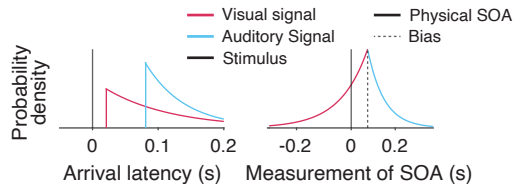
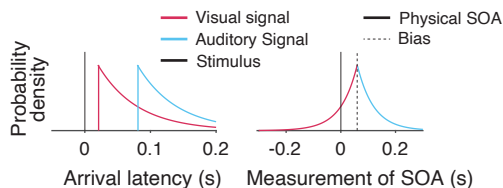
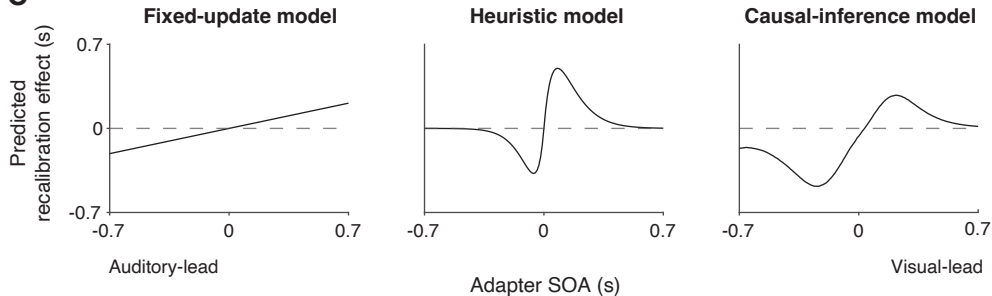


**A****Modality-specific-uncertainty model****B****Modality-independent-uncertainty model****C**

$$\Delta = -\alpha m$$

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

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

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

Bias  
update rule