

$$\hat{x} = \sum_{i=1}^n w_i x_i$$

Equation 1 (from Landy, Banks, & Knill, 2011). \hat{x} is the estimate of the percept, and x_i is an individual cue with its associated weight w_i . A cue's weight is proportional to its reliability which, in turn, is the inverse of the cue's variance.