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

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.