Measuring and evaluating stimulus likelihood from human cortical responses

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“Validation” Trials

2 “reference” orientations
(40° & 140°)

Determine whether actual orientation is CW or CCW relative to the nearest pedestal orientation.
\[ \log L(\theta) = k \sum_{i=1}^{N} \cos(\theta - \theta_i) \]

\[ L_i(\theta_0) = p(r|\theta) = \frac{e^{k \cos(\theta_0-\theta_i)}}{2\pi l_0 k} \]