

Supplementary Figure S1 - The Bent Bar stimuli described in Figure 1a, presented in high contrast noise and at near-threshold signal contrast. Noise samples were randomly generated for each stimulus (see Methods for details).

Supplementary Video S1 - Full dynamic versions of the Rotating Square stimuli described in Figure 1b. The movies depict the full stimulus sequences that observers saw in each condition.

Supplementary Video S2 - Full dynamic versions of the Shrinking/Expanding Square stimuli described in Figure 1c. The movies depict the full stimulus sequences that observers saw in each condition.

Supplementary Video S3 - Full dynamic versions of the Rotating Square stimuli described in Figure 1b, but presented in high contrast noise at near-threshold signal contrast. Noise samples were randomly generated for each stimulus (see Methods for details).

Supplementary Video S4 - Full dynamic versions of the Shrinking/Expanding Square stimuli described in Figure 1c, but presented in high contrast noise at near-threshold signal contrast. Noise samples were randomly generated for each stimulus (see Methods for details).