

S1 Figure: Individual response bias

For each participant, we calculated a measure of response bias c given by $c = -\frac{z(FA)+z(H)}{2}$. A value of c less than 0 indicates that the observer is biased to respond “other” whereas a value greater than 0 indicates that the observer is biased to respond “shadow”. S1Figure shows that most of our participants had a bias towards responding “shadow”, and this bias is larger in the pure-luminance condition than in the color condition.

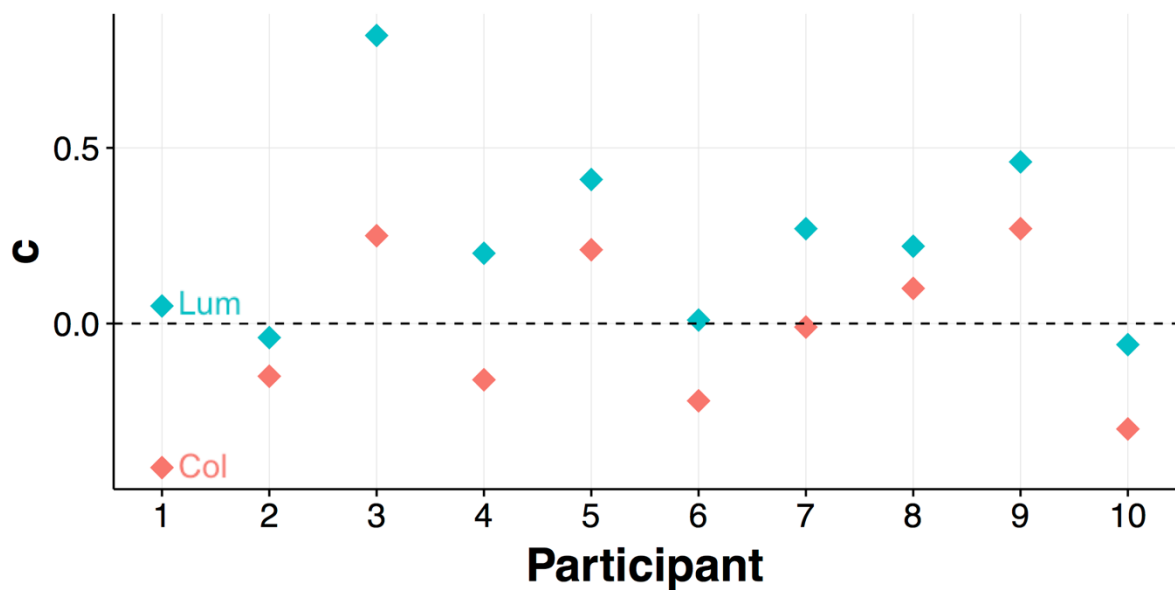


Figure S1. Observer response bias c in the psychophysical experiment, for the luminance-only (Lum) and color (Col) conditions.