**Supplementary Figure 1. Contrast effect:** The results of all the subjects for all the stimuli compared to 3 controls before they are stacked and normalized. Each bar indicates the percentage (in a [0, 1] scale) of the trials in which the corresponding stimulus is reported as darker than a certain control by the subject. The results using three controls are shown with error bars with different colors: blue, control 1; green, control 2; red, control 3.