Advanced Neuroscience

Homework #8

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• 1-

Subject: HP



Subject: PO

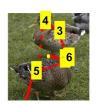


Subject: TU





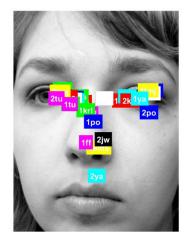


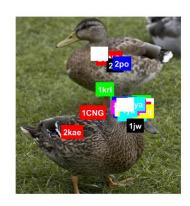














• 2-

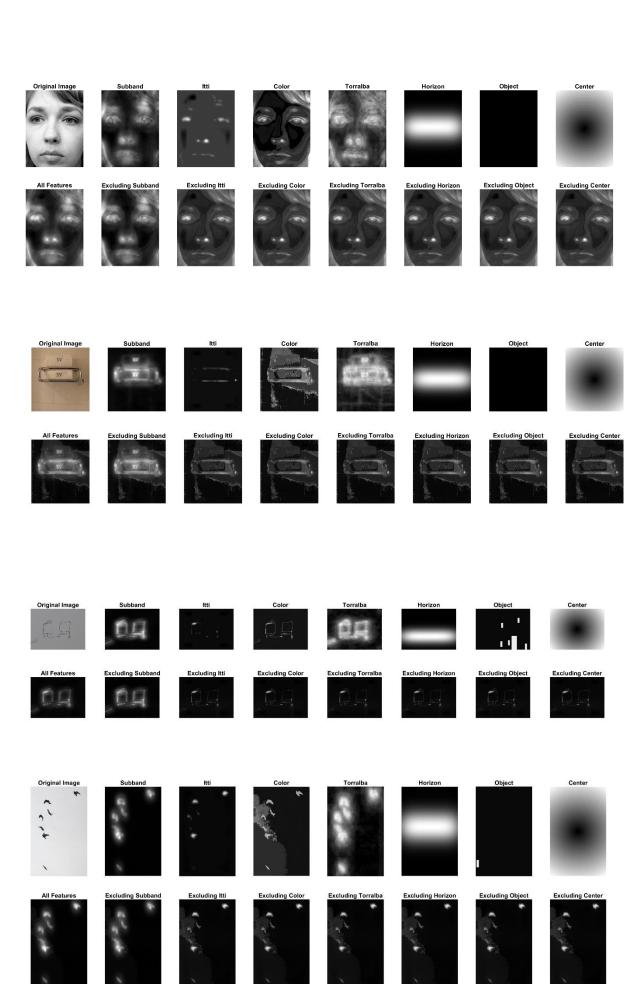
Feature 2 (itti) finds 3 features (color, intensity and orientation)

Feature 3 (color) finds different colors in the image

Feature 5 (horizon) finds horizon gradient features

Feature 6 (object) finds objects in the image

Feature 7 (center) finds distance from the center of the image



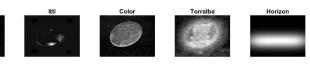




























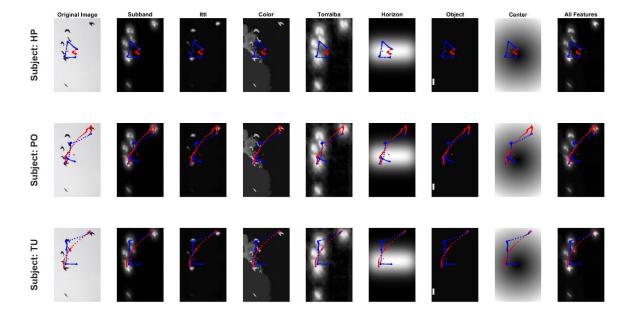


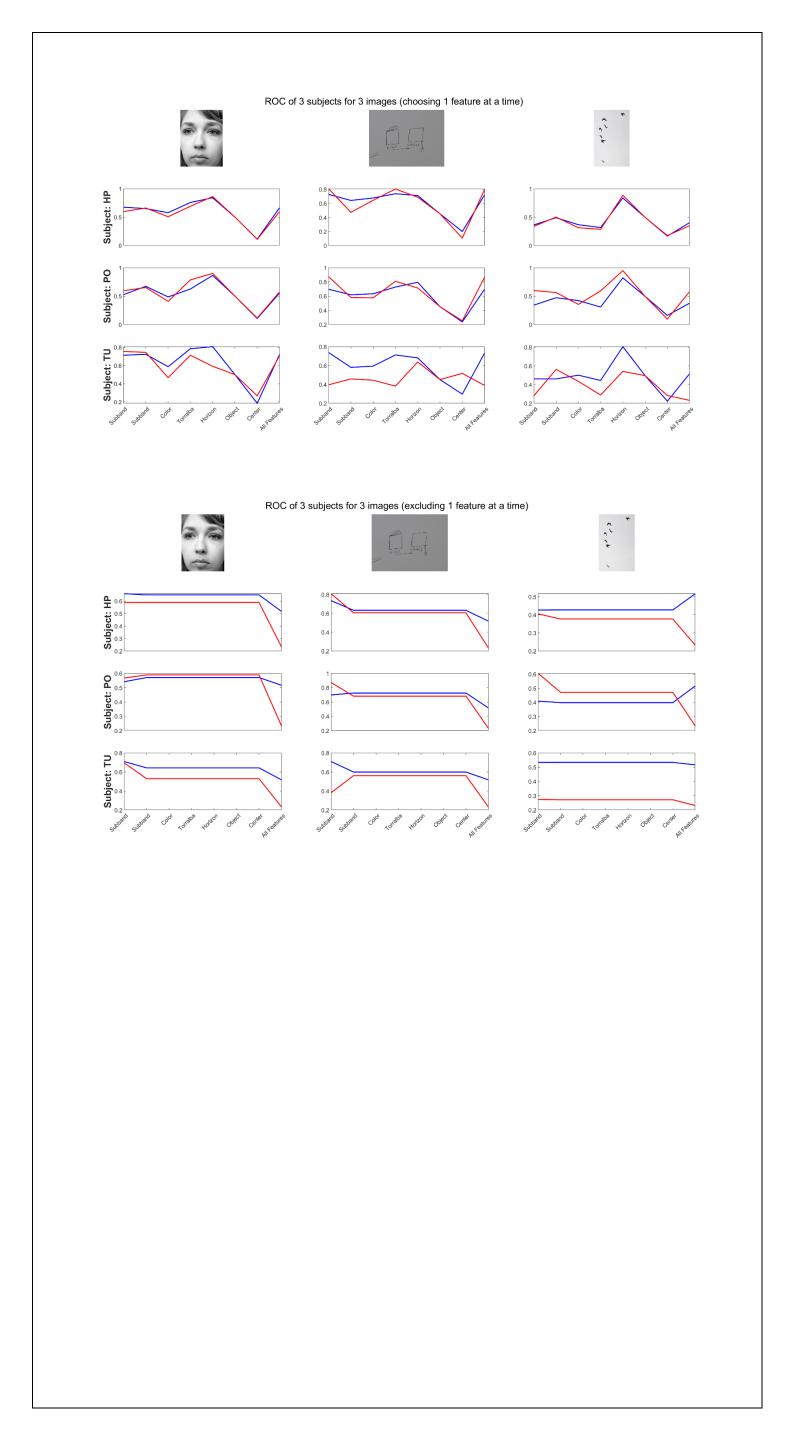


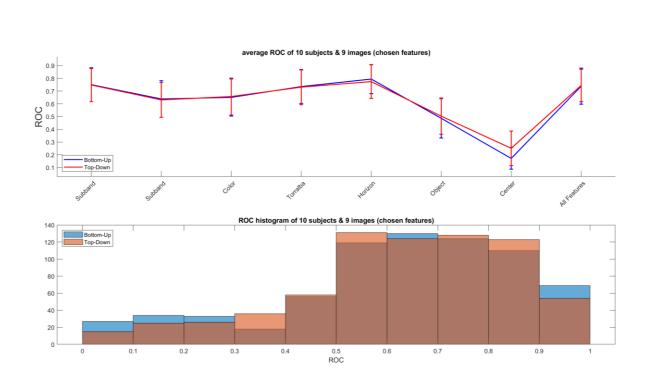
• 3-

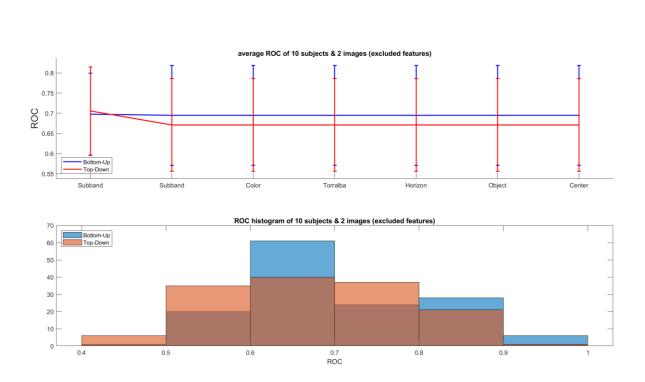
Blue dots: bottom up Red dots: top down











In either case of including or excluding features, ROC of Bottom-Up gaze position are similar to ROC of Top-Down.