

A 2D density plot showing the distribution of points across various clusters. The plot features several distinct regions of high density, each represented by a different color and enclosed by gray contour lines. The clusters are color-coded: red (top left), black (top center), green (top right), yellow (top right), blue (bottom right), brown (bottom right), pink (bottom left), and orange (bottom right). The density contours are most prominent in the red, black, green, yellow, and blue clusters, indicating areas of high point concentration. The background is white, and the overall shape of the distribution is irregular, spanning most of the plot area.