

A scatter plot illustrating four clusters of data points arranged in a cross pattern. The clusters are colored cyan, magenta, blue, and purple. Each cluster is surrounded by a red ellipse, and the entire plot is overlaid with a gray density map.

The figure displays a 2D scatter plot with four distinct clusters of data points arranged in a cross pattern. The clusters are colored cyan, blue, purple, and magenta. Each cluster is centered around a red circle, and the entire plot is overlaid with a gray grid. The axes range from -4 to 4 on both the x and y dimensions.

A scatter plot showing four clusters of data points arranged in a cross shape. Each cluster contains red circles with cyan centers, cyan circles with red centers, and purple circles with blue centers. The axes range from -4 to 4.

A scatter plot showing four clusters of data points arranged in a cross shape. Each cluster contains cyan circles with red outlines. Some circles are highlighted with a purple outline. The axes range from -4 to 4.

A scatter plot with four clusters of data points. The clusters are located in the four quadrants of a 2D coordinate system. The top-left cluster is blue, the top-right is red, the bottom-left is purple, and the bottom-right is cyan. Each cluster consists of many small circles, with a few larger circles representing centroids or specific data points. The background of each cluster is shaded in a light gray color matching the cluster's color. The x and y axes both range from -4 to 4, with major ticks at -4, -2, 0, 2, and 4.