

The figure displays five distinct clusters of data points in a 2D space, each represented by a unique color. The clusters are: blue (left), orange (middle-left), green (center), red (top-right), and purple (bottom-right). Each cluster is accompanied by a black dot representing its centroid and a vertical black line with horizontal caps representing the range or error bar of the cluster's vertical spread. The green cluster is the most compact, while the red cluster shows the greatest vertical dispersion.

