

The diagram illustrates the concept of distance metrics d_1 and d_2 in a feature space. Two clusters are shown: one with blue circles and one with red squares. A green dashed line connects a point in the blue cluster to a point in the red cluster. The distance d_1 is the distance from a point in the blue cluster to the green dashed line, and d_2 is the distance from a point in the red cluster to the green dashed line.