

The figure displays four scatter plots arranged in a 2x2 grid, showing the distribution of points for four categories: g (green), r (red), i (blue), and z (orange). The plots are labeled 'a' (top-left), 'b' (top-right), 'c' (bottom-left), and 'd' (bottom-right). The x-axis for all plots ranges from 0 to 10, and the y-axis ranges from 0 to 10. The points are colored according to the legend: g (green), r (red), i (blue), and z (orange). The distributions are as follows:

- Plot a:** Points are clustered in the lower-left region (x < 5, y < 5). Category 'z' (orange) is the most numerous, followed by 'i' (blue), 'g' (green), and 'r' (red).
- Plot b:** Points are clustered in the lower-right region (x > 5, y < 5). Category 'z' (orange) is the most numerous, followed by 'i' (blue), 'g' (green), and 'r' (red).
- Plot c:** Points are clustered in the upper-left region (x < 5, y > 5). Category 'z' (orange) is the most numerous, followed by 'i' (blue), 'g' (green), and 'r' (red).
- Plot d:** Points are clustered in the upper-right region (x > 5, y > 5). Category 'z' (orange) is the most numerous, followed by 'i' (blue), 'g' (green), and 'r' (red).

