

Figure 1 consists of three scatter plots, (a), (b), and (c), showing the distribution of four groups (g, r, i, z) in the (x, y) plane. The plots are labeled (a), (b), and (c) in the bottom right corner. The legend indicates the following color coding: g (purple), r (blue), i (green), and z (orange).

- Plot (a):** Shows a distribution where group 'g' is concentrated in the lower-left region, 'r' is in the upper-left, 'i' is in the upper-right, and 'z' is in the lower-right.
- Plot (b):** Shows a distribution where group 'g' is concentrated in the lower-right region, 'r' is in the upper-right, 'i' is in the upper-left, and 'z' is in the lower-left.
- Plot (c):** Shows a distribution where group 'g' is concentrated in the lower-left region, 'r' is in the upper-left, 'i' is in the upper-right, and 'z' is in the lower-right.

