

A scatter plot showing the distribution of 1000 points in a 2D space. The x-axis ranges from 56300 to 57400, and the y-axis ranges from 0 to 1000. The points are colored based on their redshift (z) and labeled by galaxy type (g, r, i, z). The legend indicates that 'g' is purple, 'r' is blue, 'i' is green, and 'z' is orange. The plot shows four distinct clusters of points, each containing a mix of colors. The clusters are located at approximately (56350, 500), (56600, 500), (57000, 500), and (57350, 500). The points are scattered within these clusters, with some points appearing as outliers. The overall distribution is roughly rectangular, spanning from x=56300 to x=57400 and y=0 to y=1000.

