

A scatter plot showing the light curves of four filters (g, r, i, z) over time [MJD]. The x-axis represents time in Modified Julian Days (MJD), ranging from 56400 to 57400. The y-axis represents a magnitude or flux value, ranging from 14 to 26. The legend indicates the filter colors: g (purple), r (blue), i (green), and z (orange). The plot displays four distinct clusters of data points, each corresponding to a different filter. The g filter cluster is located at approximately (56500, 25.5). The r filter cluster is located at approximately (56500, 24.5). The i filter cluster is located at approximately (56500, 23.5). The z filter cluster is located at approximately (56500, 22.5). The clusters are well-separated in time, indicating that the filters are observing different sources or events.

