

The figure is a scatter plot showing the time evolution of the color index $g-r$ for a source. The x-axis represents time in Modified Julian Days (MJD), ranging from 56300 to 57400. The y-axis represents the color index $g-r$, ranging from 0.0 to 1.0. The data points are color-coded by filter: g (purple), r (cyan), i (green), and z (orange). The plot shows four distinct clusters of points at approximately MJD 56350, 56600, 57000, and 57350. The $g-r$ index is generally between 0.2 and 0.4, with a notable outlier at MJD ~57300, $g-r$ ~0.05.

