

The figure is a scatter plot showing the time evolution of the color index (g-r-i-z) for a source. The x-axis is labeled 'time [MJD]' and ranges from 56400 to 57400. The y-axis is labeled 'color index' and ranges from 0.0 to 1.0. The data points are colored according to the filter used: g (purple), r (cyan), i (green), and z (orange). The plot shows four distinct clusters of points at approximately MJD 56300, 56600, 57000, and 57350. The color index values are generally between 0.4 and 0.6, with some outliers reaching up to 0.8 and down to 0.2. A legend in the top right corner identifies the filter colors.

