

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 5630 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 (blue), i (green), and z (orange). The plot shows significant variability in the color index over time, with a notable peak in the z-band (orange) around MJD 56600 and a peak in the g-band (purple) around MJD 57000.

