

The figure is a scatter plot showing the evolution of the color index (g-r) over time (MJD) for a source. The x-axis is labeled 'time [MJD]' and ranges from 5630 to 57400. The y-axis is labeled 'g-r' and ranges from 0.0 to 1.5. The data points are color-coded by filter: g (purple), r (blue), i (green), and z (orange). The plot shows three distinct clusters of points at approximately MJD 56350, 56600, and 57000, with a significant outlier at MJD 56550. The color index generally increases over time, with the highest values (around 1.4) occurring at MJD 56550 and 57350.

