

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 56300 to 57400. The y-axis is labeled 'color index' and ranges from 0.0 to 1.0. The plot displays four distinct clusters of points corresponding to the g, r, i, and z filters. The g filter (purple) shows the highest values, peaking around 0.8. The r (cyan), i (green), and z (orange) filters show lower values, generally between 0.2 and 0.5. The data points are scattered across the time range, with some outliers at higher color index values.

