

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 56200 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, each corresponding to a different filter: g (purple), r (cyan), i (green), and z (orange). The g filter shows a significant dip in the color index around MJD 57000, while the r, i, and z filters show more stable behavior with some outliers.

