

The figure is a scatter plot showing the evolution of the color index (g-r-i-z) over time (MJD) for a source. The x-axis is labeled 'time [MJD]' and ranges from 5630 to 5740. The y-axis is labeled 'color index' and ranges from 0.0 to 1.0. The data points are colored by filter: g (purple), r (blue), i (green), and z (orange). The plot shows four distinct clusters of points, indicating periodic behavior. The color index generally increases from g to z, with some outliers.

