

The figure is a scatter plot showing the evolution of the color index (g-r) over time (MJD) for a sample of 1000 objects. The x-axis is labeled 'time [MJD]' and ranges from 56300 to 57400. The y-axis is labeled 'g-r' and ranges from 0.0 to 2.5. The data points are colored according to the filter used: g (purple), r (blue), i (green), and z (orange). The plot shows a dense distribution of points, with a notable increase in the number of points around MJD 56600 and MJD 57000. There are several outliers, particularly at higher g-r values (above 1.5) and later times (after MJD 57200).

