

A scatter plot showing the color index (g-r) on the y-axis versus time [MJD] on the x-axis. The x-axis ranges from 56300 to 57400 MJD, and the y-axis ranges from 0.0 to 0.8. The data points are categorized into four groups: g (purple), r (cyan), i (light green), and z (orange). The plot displays four distinct clusters of points, each corresponding to a different time interval. The clusters are located at approximately 56350, 56600, 57000, and 57350 MJD. The color index values for each cluster are generally consistent, with the g group having the highest values and the z group having the lowest values.

