

A scatter plot showing the magnitude (y-axis, ranging from 12 to 18) versus time in Modified Julian Days (x-axis, ranging from 56200 to 57400). The data points are color-coded by filter: g (purple), r (blue), i (green), and z (orange). The plot displays three distinct clusters of data points, suggesting a periodic phenomenon. The first cluster is centered around 56550 MJD, the second around 56950 MJD, and the third around 57350 MJD. Within each cluster, the points are spread across the magnitude range, with some outliers at higher magnitudes (fainter objects).

