

The figure is a scatter plot showing the distribution of four color indices (g, r, i, z) over time [MJD]. The x-axis represents time in Modified Julian Days (MJD), ranging from 56400 to 57400. The y-axis represents the magnitude in each band, ranging from 12 to 18. The plot shows four distinct clusters of points, each corresponding to a different color index: g (purple), r (cyan), i (green), and z (orange). The clusters are located at approximately 56300, 56600, 57000, and 57300 MJD. The g band shows the most significant variability, with several points reaching magnitudes below 14. The r, i, and z bands show more stable distributions, generally between magnitudes 14 and 16.

