

A scatter plot showing the magnitude of an object over time in four different filters: g (purple), r (cyan), i (green), and z (orange). The x-axis represents time in Modified Julian Days (MJD), ranging from 56300 to 57400. The y-axis represents magnitude, ranging from 13 to 20. The plot shows three distinct clusters of data points, corresponding to the three observation epochs mentioned in the caption. The first cluster is around MJD 56350, the second around MJD 56600, and the third around MJD 57350. The magnitude generally increases (becomes fainter) over time, with the z-band consistently showing the highest magnitudes (faintest objects) and the g-band showing the lowest magnitudes (brightest objects) within each cluster.

