

A scatter plot showing the magnitude of an object over time, measured in Modified Julian Days (MJD). The x-axis represents time [MJD] from 56400 to 57400. The y-axis represents magnitude from 12 to 22. The data is categorized by filter: g (purple), r (blue), i (green), and z (orange). The plot shows three distinct clusters of points, suggesting three different observations or epochs. The first cluster is around MJD 56500, the second around MJD 56900, and the third around MJD 57300. 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.

