

A scatter plot showing the magnitude of a source over time, with data points color-coded by filter: g (purple), r (cyan), i (green), and z (orange). The x-axis represents time in MJD, ranging from 5630 to 5740. The y-axis represents magnitude, ranging from 14 to 22. The plot shows four distinct clusters of data points, indicating periodic observations. The z-band (orange) generally shows the highest magnitudes (faintest), while the g-band (purple) shows the lowest magnitudes (brightest). There are two significant outliers in the z-band at approximately MJD 5692, with magnitudes of 21.5 and 23.5.

