

A scatter plot showing the magnitude (y-axis, ranging from 14 to 22) versus time in Modified Julian Days (x-axis, ranging from 5630 to 5740). The data points are color-coded by filter: g (purple), r (blue), i (green), and z (orange). The plot displays four distinct clusters of points, corresponding to the four epochs mentioned in the caption: approximately 5630, 5660, 5700, and 5735 MJD. The magnitude generally increases over time, with the final cluster at 5735 MJD showing the highest magnitudes, reaching up to 22.

