

A scatter plot showing the absolute magnitude M_v (Y-axis) versus time in Modified Julian Days (X-axis). The X-axis ranges from 5630 to 57400 MJD, with major ticks every 2000 units. The Y-axis ranges from -15 to 15, with major ticks every 5 units. Data points are color-coded by filter: g (purple), r (cyan), i (green), and z (orange). The plot displays three distinct clusters of points, each containing multiple observations for all four filters. The clusters are located at approximately 5630, 5660, and 5700 MJD. A legend in the top right corner identifies the filter colors.

