

A scatter plot showing the absolute magnitude (M_v) versus time in Modified Julian Days (MJD) for four different filters: g (purple), r (blue), i (green), and z (orange). The x-axis represents time [MJD] from 56300 to 57400, and the y-axis represents M_v from -10 to 15. The data points are clustered into three main groups, corresponding to the three epochs mentioned in the caption. The g filter data points are only present in the first two epochs. The z filter data points are present in all three epochs. The i and r filter data points are present in all three epochs. The plot shows a clear trend of increasing M_v over time, with the most significant increase occurring between the second and third epochs.

