

A scatter plot showing the absolute magnitude (M_v) on the y-axis (ranging from 14 to 20) versus time in Modified Julian Days (MJD) on the x-axis (ranging from 56300 to 57400). 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, each corresponding to a different filter. The clusters are located at approximately 56350, 56600, 57000, and 57350 MJD. The g filter cluster is the smallest and highest, while the z filter cluster is the largest and lowest. The r and i filter clusters are intermediate in size and magnitude.

