

Scatter plot showing the relationship between $\log_{10}(L/L_{\odot})$ (Y-axis) and time [MJD] (X-axis) for four filters: g (purple), r (cyan), i (green), and z (orange). The data points are clustered into four groups, corresponding to the four filters, across the time range from approximately 5630 to 5750 MJD. The Y-axis ranges from 0 to 4, and the X-axis ranges from 5630 to 5750 MJD.

