

Scatter plot showing the relationship between  $\log_{10}(L/L_{\odot})$  (Y-axis) and time [MJD] (X-axis). The data points are categorized by filter: r (red), i (blue), and z (green). The plot displays three distinct clusters of data points, suggesting different stages or populations of objects. The Y-axis ranges from 0 to 10, and the X-axis ranges from 56300 to 57400 MJD.

