

A scatter plot showing the relationship between $\log_{10}(L/L_{\odot})$ (Y-axis) and time [MJD] (X-axis). The X-axis ranges from 56300 to 57400, and the Y-axis ranges from 30 to 45. The data points are categorized into two groups: 'i' (purple dots) and 'z' (cyan dots). The plot displays three distinct clusters of data points, suggesting different populations or evolutionary stages. The 'i' group generally occupies the upper part of the luminosity range, while the 'z' group is more spread out, often occupying the lower part. There are some outliers, particularly at higher luminosities.

