

Scatter plot showing the relationship between $\log_{10}(L/L_{\odot})$ (Y-axis) and time [MJD] (X-axis). The data points are categorized into two groups: 'i' (purple dots) and 'z' (cyan dots). The X-axis ranges from approximately 56300 to 57400 MJD, and the Y-axis ranges from approximately 3.5 to 4.5. The plot displays four distinct clusters of stars at different times, with 'i' stars generally having higher luminosity than 'z' stars.

