

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 2.5 to 5.5. The data points are categorized into two groups: 'i' (purple dots) and 'z' (cyan dots). The plot displays three distinct clusters of stars, each containing both 'i' and 'z' type stars. The clusters are located at approximately 56550, 56950, and 57300 MJD. A legend in the top right corner identifies the two groups.

