

A scatter plot showing the evolution of luminosity (log10(L/L_sun)) over time (time [MJD]) for two groups of stars, labeled 'i' (purple) and 'z' (cyan). The x-axis ranges from 56300 to 57400 MJD, and the y-axis ranges from 2.5 to 4.5. The plot shows three distinct clusters of points, each containing several stars from both groups. The clusters are located at approximately 56300, 56600, and 57000 MJD. The stars in the 'i' group generally show higher luminosity than those in the 'z' group, especially in the later clusters.

