

A scatter plot showing the time evolution of the color index (g-r) for a sample of 1000 galaxies. The x-axis is 'time [MJD]' ranging from 56300 to 57400. The y-axis is 'g-r' ranging from 0.0 to 1.0. Data points are colored by redshift: g (purple), r (cyan), i (green), and z (orange). The plot shows four distinct clusters of points at different times, with a legend in the bottom left corner.

