

The figure is a scatter plot showing the evolution of the color index $r-i$ over time (MJD). The x-axis is labeled 'time [MJD]' and ranges from 5630 to 5740. The y-axis is labeled ' $r-i$ ' and ranges from 0.0 to 1.5. The data points are colored according to the filter used: red (r), blue (i), and green (z). The plot shows significant variability, with a notable dip in $r-i$ around MJD 5660 and a sharp increase around MJD 5725. A legend in the top right corner identifies the filter colors.

