

The figure displays a scatter plot of astronomical data points over time. The x-axis is labeled 'time [MJD]' and ranges from 5630 to 5740. The y-axis represents magnitude, ranging from 14 to 22. A legend in the top left corner identifies four filters: g (purple), r (blue), i (green), and z (orange). The plot shows multiple data points for each filter, with a notable outlier in the z filter around 5735 MJD.

