

A scatter plot showing the relationship between time [MJD] (x-axis) and a variable z (y-axis). The x-axis ranges from approximately 5630 to 57450, with major ticks at 56400, 56600, 56800, 57000, 57200, and 57400. The y-axis ranges from approximately 0.0 to 0.8, with major ticks at 0.0, 0.2, 0.4, 0.6, and 0.8. The data points are represented by blue circles. There are three main clusters of points: a small cluster at the top left (around 56350 MJD, $z \approx 0.75$), a larger cluster in the middle left (around 56550-56700 MJD, $z \approx 0.15$), and a large cluster on the right (around 57250-57400 MJD, $z \approx 0.15$). The points are scattered within these clusters, showing some variation in z over time.

