Cook's Distance Outlier Detection

The graph shows the influence (I) of each instance over the dataset. Each instance is indexed from 0 to 1000 along the x-axis. The y-axis represents the influence (I), ranging from 0.000 to 0.030.

A red dashed line at I = 7.38% indicates the threshold for outlier detection, which is calculated as $l_t = \frac{4}{n}$, where $n$ is the number of instances.