

A scatter plot showing the relationship between  $\log_{10}(\Delta t)$  (y-axis) and  $\log_{10}(\Delta t_0)$  (x-axis). The x-axis ranges from -150 to -10, and the y-axis ranges from -150 to 10. Data points are categorized into two types: 'type 0' (blue dots) and 'type 1' (orange dots). Type 0 points are scattered across the plot, while type 1 points form a dense, linear sequence along the diagonal  $y = x$  for  $\log_{10}(\Delta t_0) > -40$ .

