

A scatter plot showing the relationship between  $\log_{10}(\Delta T)$  (Y-axis) and  $\log_{10}(\Delta T_{\max})$  (X-axis). The plot displays a large number of data points, mostly clustered along the diagonal line  $y = x$ , indicating that  $\Delta T$  is approximately equal to  $\Delta T_{\max}$  for most cases. A dashed black line represents the identity line  $y = x$ . A dashed red line represents the line  $y = x/2$ . The X-axis ranges from 0 to 17500, and the Y-axis ranges from 0 to 17500. There are a few outliers, including a point at approximately (13000, 17500) and a point at approximately (9000, 15000).

