

A scatter plot showing the relationship between  $\log_{10}(\Delta T)$  (y-axis) and  $\log_{10}(\Delta T_{\max})$  (x-axis). The data points are categorized into two groups: red circles and blue circles. A solid green line represents the linear regression fit for the entire dataset. The red circles are generally located at higher values of both  $\log_{10}(\Delta T)$  and  $\log_{10}(\Delta T_{\max})$  compared to the blue circles. The green regression line has a positive slope, indicating that  $\log_{10}(\Delta T)$  increases with  $\log_{10}(\Delta T_{\max})$ .

