

A scatter plot showing the relationship between  $\log_{10}(\Delta T)$  (y-axis) and  $\log_{10}(\Delta T_{\max})$  (x-axis). The x-axis ranges from 0.0 to 1.0, and the y-axis ranges from 0.0 to 1.0. Two groups of stars are plotted: red stars (upper group) and blue stars (lower group). Both groups show a general trend where  $\log_{10}(\Delta T)$  increases with  $\log_{10}(\Delta T_{\max})$ , but the red stars generally have higher values for both variables. The red stars form a more distinct, slightly curved sequence, while the blue stars are more scattered, with a denser concentration at lower values of both variables.

