URL: http://cxc.harvard.edu/ciao3.4/threads/timing.html
Last modified: 11 December 2007

Timing Analysis

In order to perform absolute timing analysis on a dataset, a barycenter correction must first be applied to the data. One may then create lightcurves and phase−binned spectra to look for variability in the source. These threads also provide information on working with data taken in the ACIS continuous clocking (CC) mode.

- **General:**
  - Why topic: Continuous Clocking Mode
  - Calculate CC−mode Times of Arrival
  - Apply Barycenter Correction
  - Create a Phase−binned Spectrum
- **Analyzing Lightcurves:**
  - Why topic: Timing Analysis with Lightcurves
  - Basic Lightcurves
  - Filtering Lightcurves
    Uses: the `analyze_ltcrv.sl` S−Lang script
- See the S−lang/ISIS Timing Analysis Routines (SITAR) package which provides a set of functions and subroutines for timing analysis within ISIS.

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