

Figure 7-6

This figure shows the derivation of additional non-formal errors between images taken on different observing runs (different epochs). The “calculated error” includes the “same night” non-formal errors previously derived. Data points with a selected range of calculated errors are used to form histograms of the deviations of the comparison star light curve points from the mean.

Despite adding in the “same night” non-formal errors, an additional non-formal error exists between nights. This “additional error” is modeled by a linear fit to the additional error as a function of the calculated error.

The number of data points used to derive each point in the lower right graph is given near the bottom of this graph.