

Figure 8-4

In the top-left graph, the “structure function” is shown for all QSOs. Each point is a pair of observations. The square root of the quadrature average of points within 0.1 year bins are shown as open circles (see text for details).

The top-right graph is the same except that only QSOs with detected variability were used, $\log(P) < -3$.

The lower-left graph is the same with the QSOs restricted to those with very certain variability detection, $\log(P) < -9$.

The lower-right graph shows the structure function with time differences between observations of less than 20 days. The symbols are the same as in figure 8-2, except that here, a given QSO may contribute several points.