

Workload Properties

The enclosed files `Trace1.csv`, `Trace2.csv` and `Trace3.csv` contain a single column that reports inter-arrival times to an application server.

Determine for each file:

- The *Mean* and the second, third and fourth moments
- The *Variance*, the third and the fourth centered moments
- The *Skewness* and fourth standardized moments
- Standard Deviation, Coefficient of Variation, and Excess Kurtosis
- The median, the first and the third quartile

Then:

- Draw figure with the Pearson Correlation Coefficient for lags $m=1$ to $m=100$
- Draw the approximated CDF of the corresponding distribution