

## Workload properties

The enclosed files Data1.txt to Data4.txt, contains the inter-arrival times (one per line) between requests to a Web server.

Determine for each file:

- The first five moments
- The second, third, fourth and fifth centered moments
- The third and fourth standardized moments
- Standard Deviation, Coefficient of Variation and Kurtosis
- The 10%, 25%, 50%, 75% and 90% percentiles
- The cross-covariance for lags  $m=1$ ,  $m=2$  and  $m=3$
- The Pearson Correlation Coefficient for lags  $m=1$ ,  $m=2$ ,  $m=3$

Then draw the approximated CDF of the corresponding distribution