

## Workload Properties

The enclosed files `Trace1.csv` and `Trace2.csv` contain a single column that reports the service times of two different file servers.

Determine for each trace:

- The first three moments
- Fit the samples against the **Uniform**, the **Exponential** and the **Erlang** distributions using direct expressions.
- Fit the samples against the **Weibull** and the **Pareto** distributions with the method of moments.
- Fit the samples against the two stage **Hyper-Exponential** and the two stage **Hypo-Exponential** distributions using the maximum likelihood technique.

Then:

- Draw a figure, for each trace, that compares the empirical CDF of the samples with the CDF of the distributions mentioned above, with the parameters obtained from the corresponding fitting procedures.