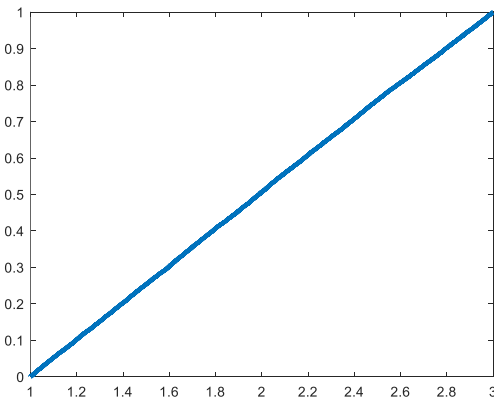


Workloads Types

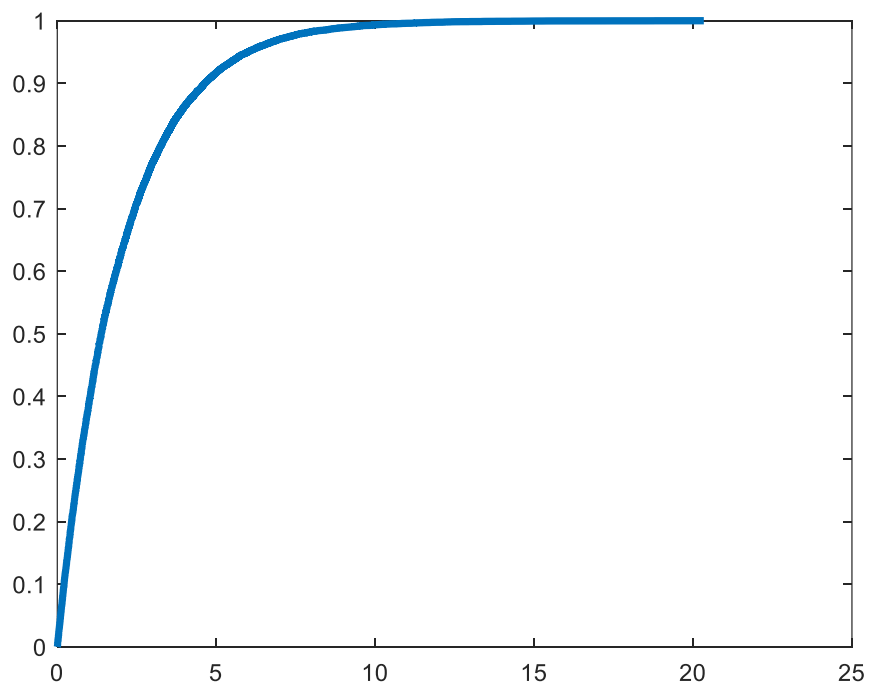
To have this assignment evaluated for the in-class exam, please upload on WeBeep a ZIP file including:

- the source code used to solve this assignment
- this file, with the table below properly filled

| | | | | | | | | | | | | |
|--|--|--|------------|--|---------|-------------------|---------|--|----------------------|--|------------|--|
| Name (Family + given) | | | | | | Romito Alessandro | | | | | | |
| Student ID (codice persona) | | | | | | 10661916 | | | | | | |
| QR-code ID (8 digits of the QR that was given you) | | | | | | 34392705 | | | | | | |
| Data1.txt | 1 st Moment | | | | | 1.99037 | | | | | | |
| | 2 nd Moment | | | | | 4.29344 | | | | | | |
| | 3 rd Moment | | | | | 9.87049 | | | | | | |
| | 4 th Moment | | | | | 23.8131 | | | | | | |
| | 5 th Moment | | | | | 59.5526 | | | | | | |
| | 2 nd Central Moment [Variance] | | | | | 0.33187 | | | | | | |
| | 3 rd Central Moment | | | | | 0.00388951 | | | | | | |
| | 4 th Central Moment | | | | | 0.199782 | | | | | | |
| | 5 th Central Moment | | | | | 0.0055666 | | | | | | |
| | 3 rd Standardized Moment [Skewness] | | | | | 0.0203431 | | | | | | |
| | 4 th Standardized Moment | | | | | 1.81379 | | | | | | |
| | 5 th Standardized Moment | | | | | 0.0877259 | | | | | | |
| | Standard deviation | | | | | 0.576093 | | | | | | |
| | Coefficient of variation | | | | | 0.28944 | | | | | | |
| | Kurtosis | | | | | -1.18621 | | | | | | |
| | 10% | | 25% | | 50% | | 75% | | 90% | | Percentile | |
| | 1.19619 | | 1.49277 | | 1.98775 | | 2.48212 | | 2.79481 | | ← | |
| | Lag $m=1$ | | Lag $m=2$ | | | Lag $m=3$ | | | Cross-covariance | | | |
| | 0.00062161 | | 0.00190055 | | | -0.00307577 | | | ← | | | |
| | Lag $m=1$ | | Lag $m=2$ | | | Lag $m=3$ | | | Pearson corr. Coeff. | | | |
| | 0.00187306 | | 0.00572678 | | | -0.009266799 | | | ← | | | |
| | CDF from samples: | | | | | | | | | | | |
| |  | | | | | | | | | | | |

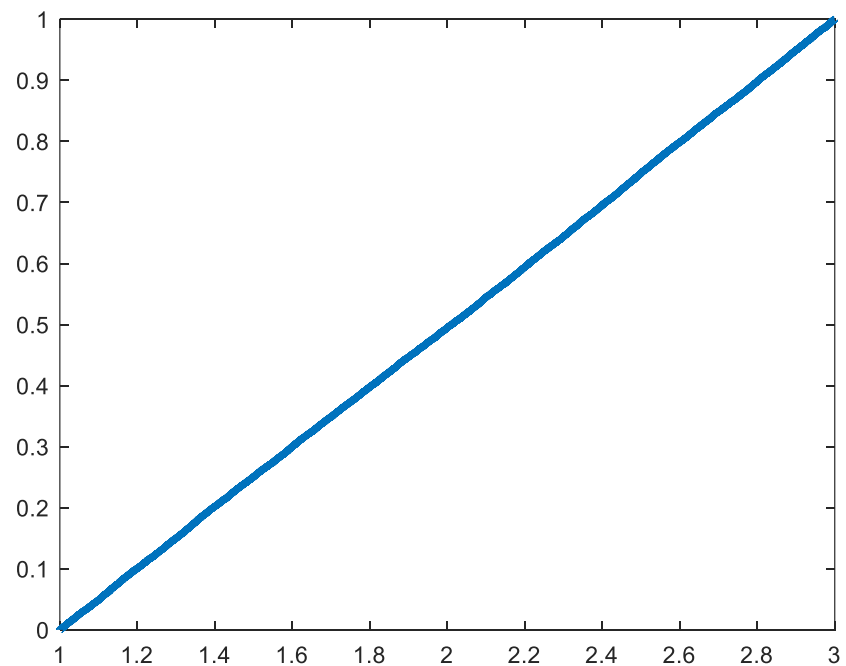
Data2.txt

| | | | | | |
|--|---------|------------|---------|-----------|----------------------|
| 1 st Moment | | | | | 2.01298 |
| 2 nd Moment | | | | | 8.05633 |
| 3 rd Moment | | | | | 48.1474 |
| 4 th Moment | | | | | 383.129 |
| 5 th Moment | | | | | 3801.44 |
| 2 nd Central Moment [Variance] | | | | | 4.00423 |
| 3 rd Central Moment | | | | | 15.8092 |
| 4 th Central Moment | | | | | 142.062 |
| 5 th Central Moment | | | | | 1371.33 |
| 3 rd Standardized Moment [Skewness] | | | | | 1.9729 |
| 4 th Standardized Moment | | | | | 8.85937 |
| 5 th Standardized Moment | | | | | 42.7365 |
| Standard deviation | | | | | 2.0011 |
| Coefficient of variation | | | | | 0.994096 |
| Kurtosis | | | | | 5.85937 |
| 10% | 25% | 50% | 75% | 90% | Percentile |
| 0.210658 | 0.58197 | 1.38475 | 2.81202 | 4.63688 | ← |
| Lag $m=1$ | | Lag $m=2$ | | Lag $m=3$ | Cross-covariance |
| 0.00482831 | | 0.0103221 | | -0.042441 | ← |
| Lag $m=1$ | | Lag $m=2$ | | Lag $m=3$ | Pearson corr. Coeff. |
| 0.0012058 | | 0.00257781 | | -0.010599 | ← |

CDF from
samples:

Data3.txt

| | | | | | |
|--|--------|-----------|---------|-----------|----------------------|
| 1 st Moment | | | | | 2.00396 |
| 2 nd Moment | | | | | 4.35156 |
| 3 rd Moment | | | | | 10.0632 |
| 4 th Moment | | | | | 24.3964 |
| 5 th Moment | | | | | 61.2459 |
| 2 nd Central Moment [Variance] | | | | | 0.335695 |
| 3 rd Central Moment | | | | | -0.00263129 |
| 4 th Central Moment | | | | | 0.201698 |
| 5 th Central Moment | | | | | -0.00303099 |
| 3 rd Standardized Moment [Skewness] | | | | | -0.0135278 |
| 4 th Standardized Moment | | | | | 1.78969 |
| 5 th Standardized Moment | | | | | -0.0464172 |
| Standard deviation | | | | | 0.579403 |
| Coefficient of variation | | | | | 0.289129 |
| Kurtosis | | | | | -1.21031 |
| 10% | 25% | 50% | 75% | 90% | Percentile |
| 1.1982 | 1.4992 | 2.0111 | 2.50323 | 2.80272 | ← |
| Lag $m=1$ | | Lag $m=2$ | | Lag $m=3$ | Cross-covariance |
| 0.264622 | | 0.210281 | | 0.167315 | ← |
| Lag $m=1$ | | Lag $m=2$ | | Lag $m=3$ | Pearson corr. Coeff. |
| 0.788282 | | 0.626406 | | 0.498415 | ← |

CDF from
samples:

Data4.txt

| | | | | | | |
|--|----------|------------|---------|------------|------------|----------------------|
| 1 st Moment | | | | | | 2.03295 |
| 2 nd Moment | | | | | | 24.6241 |
| 3 rd Moment | | | | | | 671.738 |
| 4 th Moment | | | | | | 25310.1 |
| 5 th Moment | | | | | | 1.18719e+06 |
| 2 nd Central Moment [Variance] | | | | | | 20.4912 |
| 3 rd Central Moment | | | | | | 538.363 |
| 4 th Central Moment | | | | | | 20407 |
| 5 th Central Moment | | | | | | 955754 |
| 3 rd Standardized Moment [Skewness] | | | | | | 5.80359 |
| 4 th Standardized Moment | | | | | | 48.5968 |
| 5 th Standardized Moment | | | | | | 502.785 |
| Standard deviation | | | | | | 4.52682 |
| Coefficient of variation | | | | | | 2.22672 |
| Kurtosis | | | | | | 45.5968 |
| 10% | 25% | 50% | 75% | 90% | Percentile | |
| 0.115104 | 0.328363 | 0.80664 | 1.75682 | 3.73622 | ← | |
| Lag $m=1$ | | Lag $m=2$ | | Lag $m=3$ | | Cross-covariance |
| -0.0133203 | | 0.0294041 | | -0.107339 | | ← |
| Lag $m=1$ | | Lag $m=2$ | | Lag $m=3$ | | Pearson corr. Coeff. |
| -0.00065005 | | 0.00143496 | | -0.0052383 | | ← |

CDF from
samples: