**List of M-Files**

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| **CDFLaplacian.m** | **MATLAB subroutine for generating the cumulative distribution function (CDF) of fluctuated Laplacian distribution.** |
| **DistributionPlotter.m** | **MATLAB code for plotting the presumed and actual distribution in Example 3.** |
| **Example1.m** | **MATLAB code for generating Simulation Example 1.** |
| **Example2.m** | **MATLAB code for generating Simulation Example 2.** |
| **Example3.m** | **MATLAB code for generating Simulation Example 3.** |
| **Example4.m** | **MATLAB code for generating Simulation Example 4.** |
| **FluctuatedLaplacian.m** | **MATLAB subroutine for generating fluctuated Laplacian distribution.** |
| **inverseCDF.m** | **MATLAB subroutine for finding the inverse CDF of the fluctuated Laplacian distribution.** |