

Figure 1 displays a 10x10 grid of 100 small plots, each showing the distribution of 1000 simulated data points for a specific combination of 10 parameters (rows) and 10 sample sizes (columns). The parameters are: (1) Normal distribution, (2) Uniform distribution, (3) Exponential distribution, (4) Logistic distribution, (5) Gamma distribution, (6) Beta distribution, (7) Weibull distribution, (8) Pareto distribution, (9) Cauchy distribution, and (10) Student's t distribution. The sample sizes are: (1) 10, (2) 20, (3) 30, (4) 40, (5) 50, (6) 60, (7) 70, (8) 80, (9) 90, and (10) 100. The plots show that as the sample size increases, the distribution of the data points becomes more concentrated and follows the theoretical distribution more closely. The plots are arranged in a 10x10 grid, with the first row and column showing the theoretical distribution and the subsequent rows and columns showing the simulated data points.