

Figure 1 is a line plot showing the convergence of the number of samples required for the 100th percentile of the output distribution for various Sobol' indices. The x-axis represents the number of samples (log scale, 10^3 to 10^5), and the y-axis represents the number of samples required (log scale, 10^3 to 10^5). The plot compares 100th percentile Sobol' indices (lhs4, lhs8, lhs16, lhs32, lhs64) and 100th percentile Sobol' indices (sobol4, sobol8, sobol16, sobol32, sobol64). The lines show that the number of samples required increases with the number of indices, and the convergence is faster for lower-order indices.

