







[illegible]

Figure 1 displays 16 histograms arranged in a 4x4 grid, showing the distribution of the number of non-zero elements in the rows of the matrix A . The histograms are organized by the number of non-zero elements in the rows, with the top row showing distributions for 1000, 100, 10, and 1 non-zero elements, and the bottom row showing distributions for 1, 10, 100, and 1000 non-zero elements. The x-axis for each histogram represents the number of non-zero elements, and the y-axis represents the frequency. The distributions are generally bell-shaped and centered around the number of non-zero elements in the row.

