

The figure displays a heatmap of a sparse matrix. The x-axis is labeled from 0 to 60, and the y-axis is labeled from 0 to 10. The matrix is predominantly white, signifying zero values. Non-zero values are represented by blue rectangles. The distribution of these non-zero elements is as follows:

- Row 0:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 1:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 2:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 3:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 4:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 5:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 6:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 7:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 8:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.
- Row 9:** Non-zero elements are located in columns 0, 1, 2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31.

