

The figure displays a 20x20 heatmap of a sparse matrix. The x-axis and y-axis are both labeled with integers from 1 to 20. The matrix is predominantly white, signifying zero values. Non-zero values are represented by shades of pink and magenta. The distribution of non-zero entries is sparse and irregular, with notable clusters in the upper-left and upper-right regions. For example, there is a small cluster of magenta squares around (1, 1) to (5, 5) and another around (13, 13) to (17, 17). There are also several isolated non-zero entries scattered throughout the matrix, such as at (10, 10) and (19, 19).

