

Figure 1: A heatmap visualization of a 9x9 matrix. The color scale ranges from -1.00 (dark purple) to 1.00 (yellow). The diagonal elements are all 1.00 (yellow). The off-diagonal elements show a pattern of positive and negative values, with the most negative values (around -0.8 to -1.0) appearing in the top-left 4x4 submatrix and the most positive values (around 0.8 to 1.0) appearing in the bottom-right 4x4 submatrix.

