

A heatmap visualization of the correlation matrix for the 16 dimensions. The x-axis is labeled 'Horizontal Dimension' and the y-axis is labeled 'Vertical Dimension', both ranging from 1 to 16. The color scale on the right indicates correlation values from -0.06 (dark blue) to 0.06 (yellow). The diagonal elements are all 1.0 (yellow). The matrix shows a mix of positive and negative correlations, with some notable positive values (yellow/orange) at (1, 13), (13, 1), (6, 6), and (13, 13), and some negative values (blue) at (1, 11), (11, 1), (11, 13), and (13, 11).

