



A heatmap visualization of a 1000x1000 matrix, likely representing a correlation or distance matrix between two sets of variables. The matrix is divided into two main sections by a vertical black line at column index 500. The top section (columns 0-499) is predominantly red, indicating high values, while the bottom section (columns 500-999) is predominantly green, indicating low values. The diagonal elements are black, representing a value of 0. The overall pattern suggests a strong, structured relationship between the two sets of variables, with the top set (columns 0-499) generally having higher values than the bottom set (columns 500-999).