

A heatmap visualization of the correlation matrix for the 19 variables. The x and y axes are labeled with variable indices from 0.0 to 17.5 in increments of 2.5. The color scale ranges from -1.00 (dark blue) to 1.00 (dark red), with 0.00 being light gray. The diagonal elements are all 1.00 (dark red). The matrix is symmetric, showing varying degrees of positive and negative correlations between the variables.

