

A heatmap visualization of the correlation matrix for the 18 variables. The x and y axes are labeled with variable indices from 0 to 17. The color scale ranges from -1.00 (dark blue) to 1.00 (dark red), with 0.00 being white. The diagonal elements are all 1.00 (dark red). The matrix shows a complex pattern of positive and negative correlations between the variables.

