

Figure 1 is a 12x12 heatmap representing the correlation matrix of the 12 variables. The diagonal elements are all 1.0, shown in blue. The off-diagonal elements show varying degrees of correlation, with colors ranging from blue (negative correlation) to red (positive correlation). Some cells are marked with a black 'X', indicating a correlation of zero. The color scale at the bottom ranges from -1 (blue) to 1 (red).

FIG2C

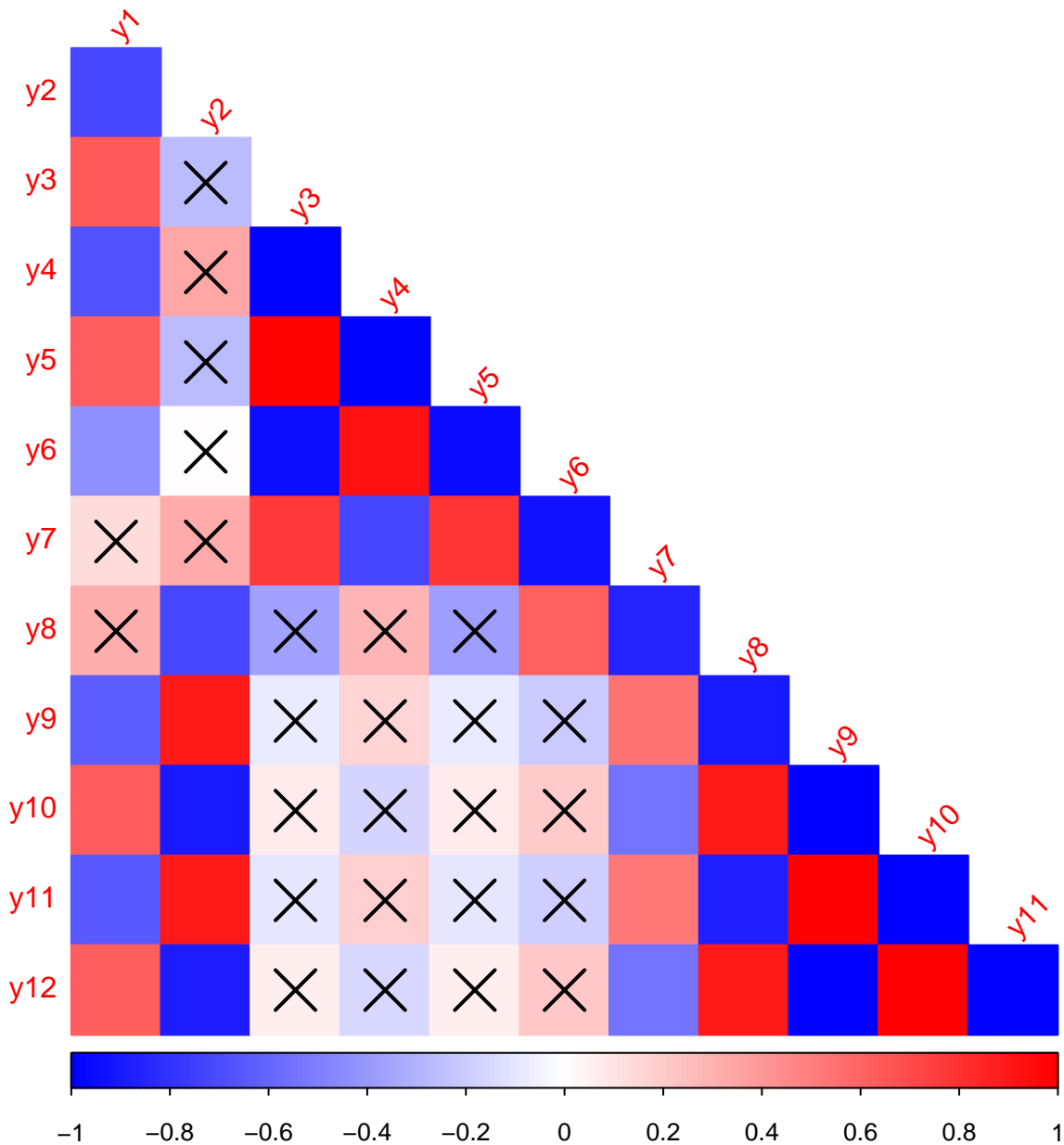


FIG3B

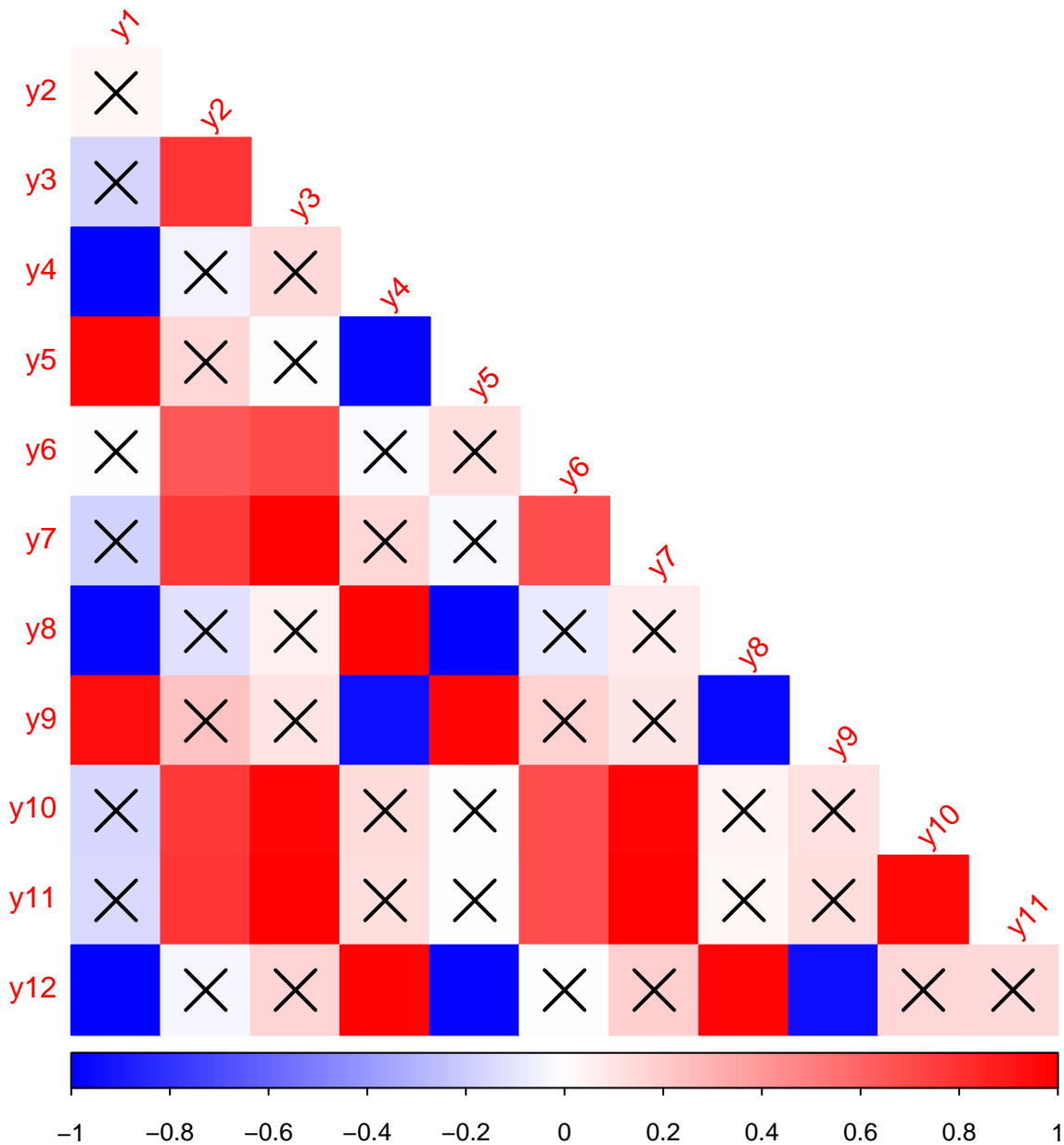


FIG 3C

