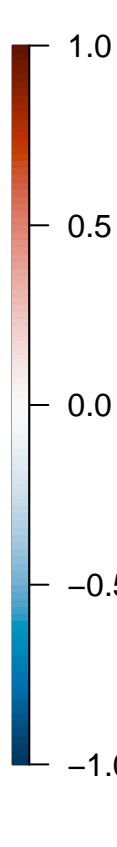


A heatmap visualization showing the relationship between 12 variables, labeled 1 through 12 on the x-axis. The color scale ranges from dark blue (negative correlation) to dark red (positive correlation), with white representing zero correlation. The diagonal elements are dark red, indicating a perfect positive correlation of 1.0. The upper triangle shows positive correlations, with the strongest (darkest red) between variables 1 and 2, and 1 and 3. The lower triangle shows negative correlations, with the strongest (darkest blue) between variables 1 and 5, and 1 and 6.



Heatmap visualization of the correlation matrix for the 12 variables. The color scale ranges from light yellow (low correlation) to dark red (high correlation). The diagonal is dark red (1.0). The matrix is symmetric.

