

Heatmap visualization showing a correlation matrix (likely a distance matrix) for 12 variables (labeled 0 to 11 on the x-axis). The color scale ranges from dark blue (high positive correlation) to light yellow (low or negative correlation).

The matrix is symmetric, indicating that the correlation between variables i and j is the same as between j and i . The diagonal elements (where $i = j$) are dark blue, representing a correlation of 1.0.

Key observations from the heatmap:

- Variables 8 and 10 show a very strong positive correlation (dark blue square).
- Variables 0 and 1 show a moderate positive correlation (medium blue square).
- Variables 4 and 6 show a moderate negative correlation (medium yellow square).
- Variables 10 and 11 show a moderate positive correlation (medium blue square).

