

Heatmap visualization of the correlation matrix for 16 variables (Z0 to Z15). The color scale ranges from 0 (light yellow) to 6 (dark blue). The diagonal elements are dark blue (value 6). The off-diagonal elements show varying degrees of correlation, with a color scale from 0 (light yellow) to 6 (dark blue). The matrix is symmetric and shows a clear pattern of decreasing correlation as the distance between variables increases.

