

Figure 1: Correlation matrix for the 'number' variable across 20 categories (0-19). The matrix shows the correlation between each category and every other category. The diagonal elements are all 1.0. The off-diagonal elements show correlations between categories. For example, category 0 has a correlation of 0.75 with category 1, and category 1 has a correlation of 0.33 with category 7. The matrix is symmetric.

