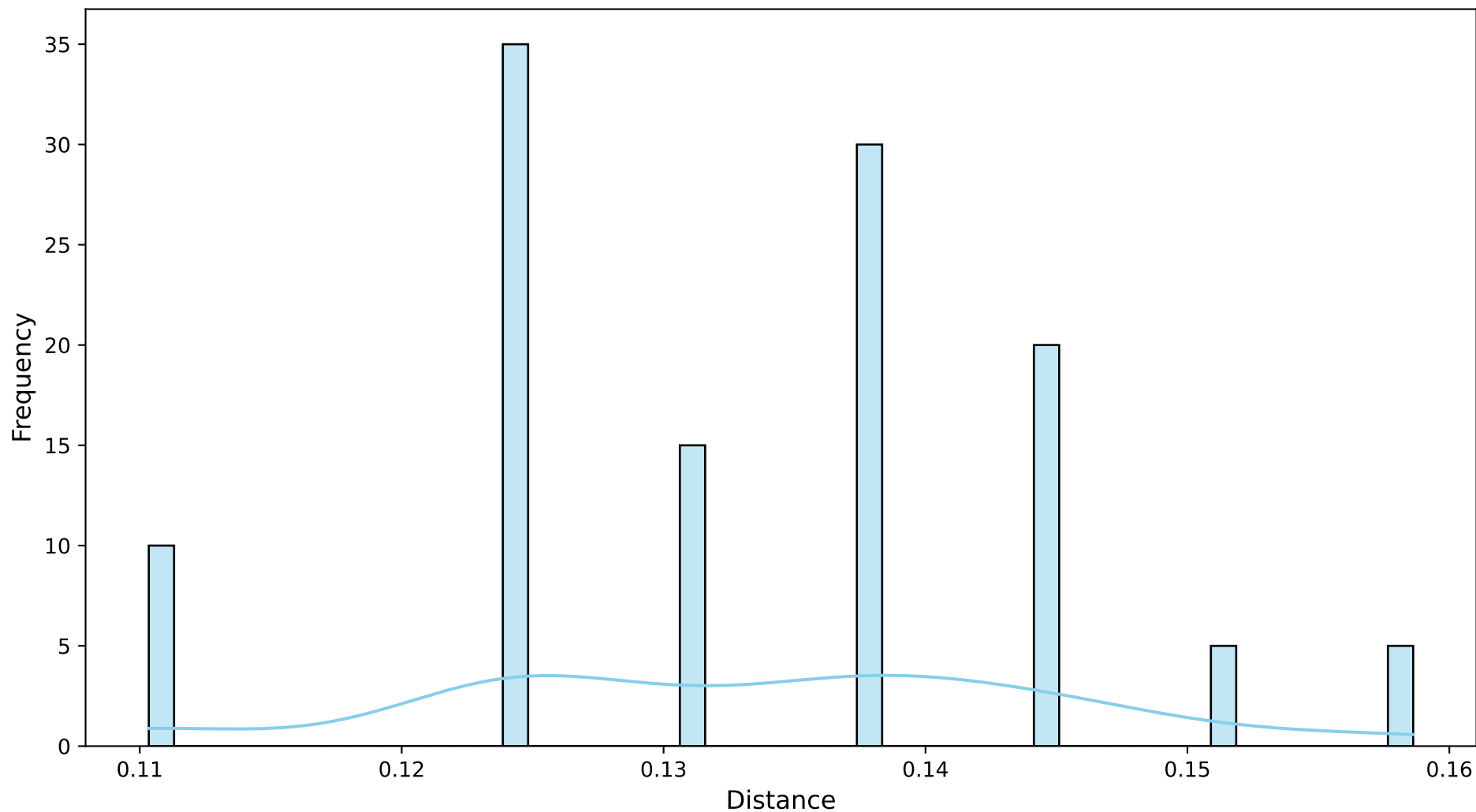
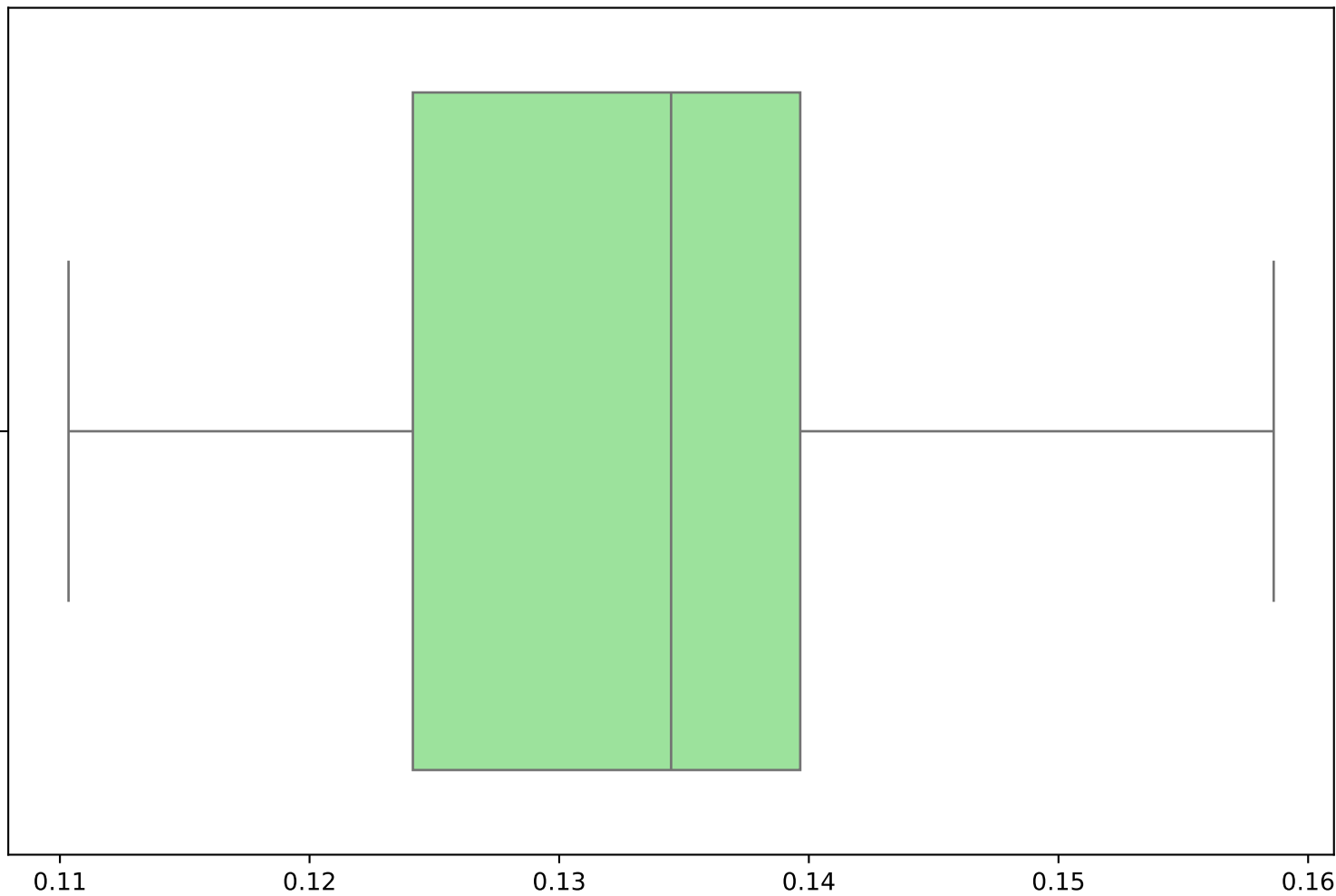


Distribution of Distances Across Permutations



Histogram showing how distances vary across all permutations.

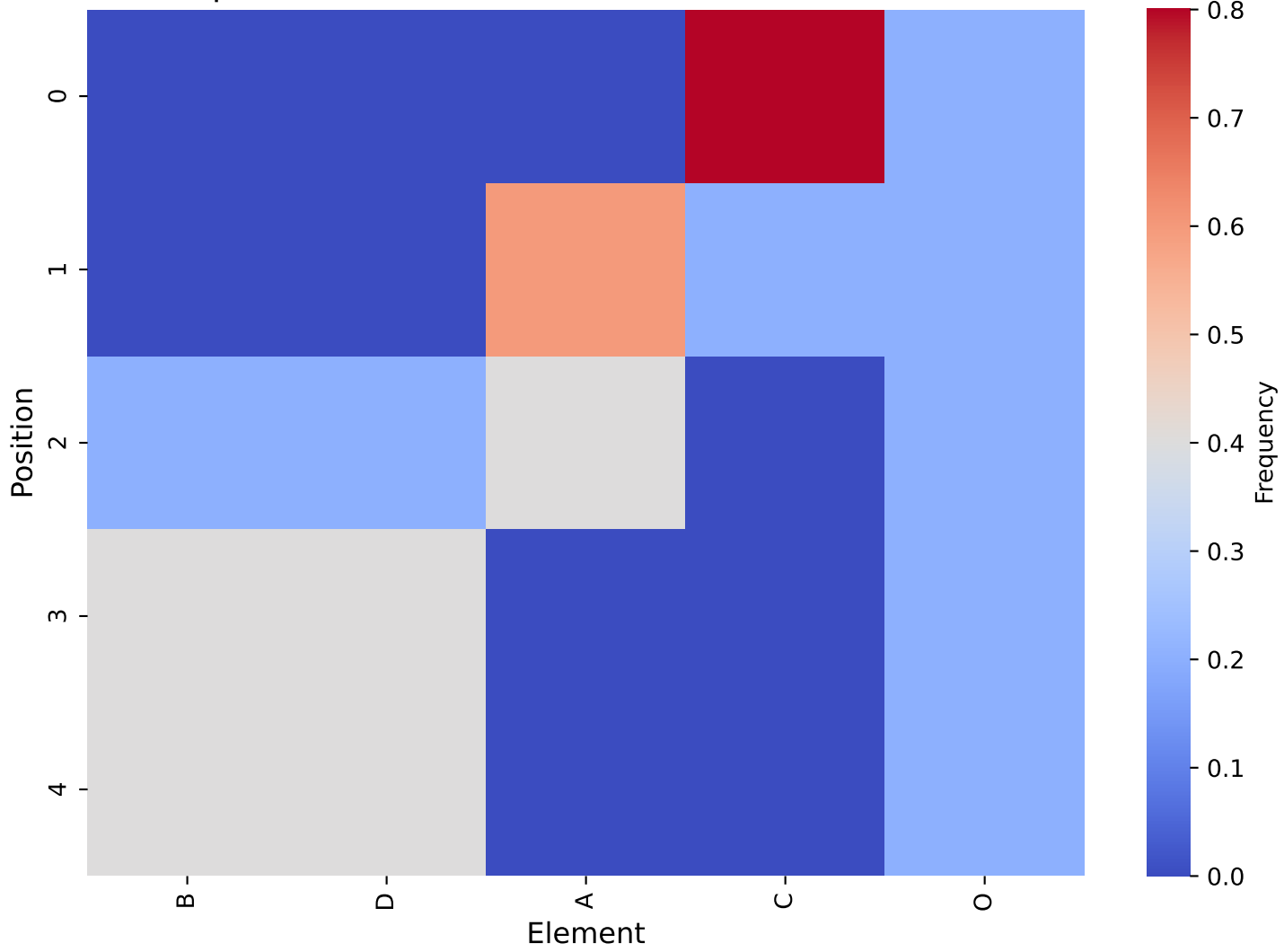
Summary Statistics of Distances



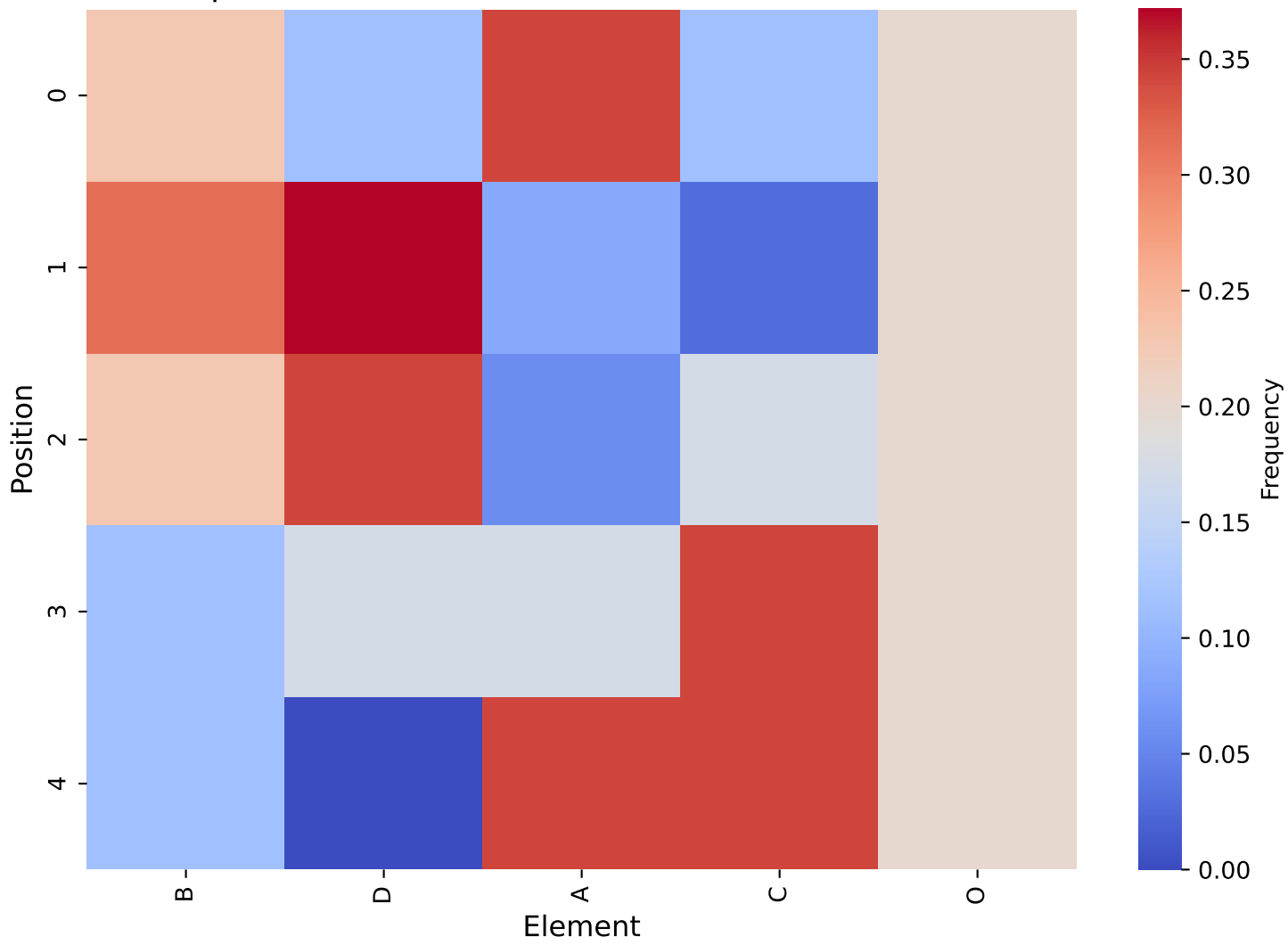
Distance

Boxplot illustrating the central tendency and dispersion of distances.

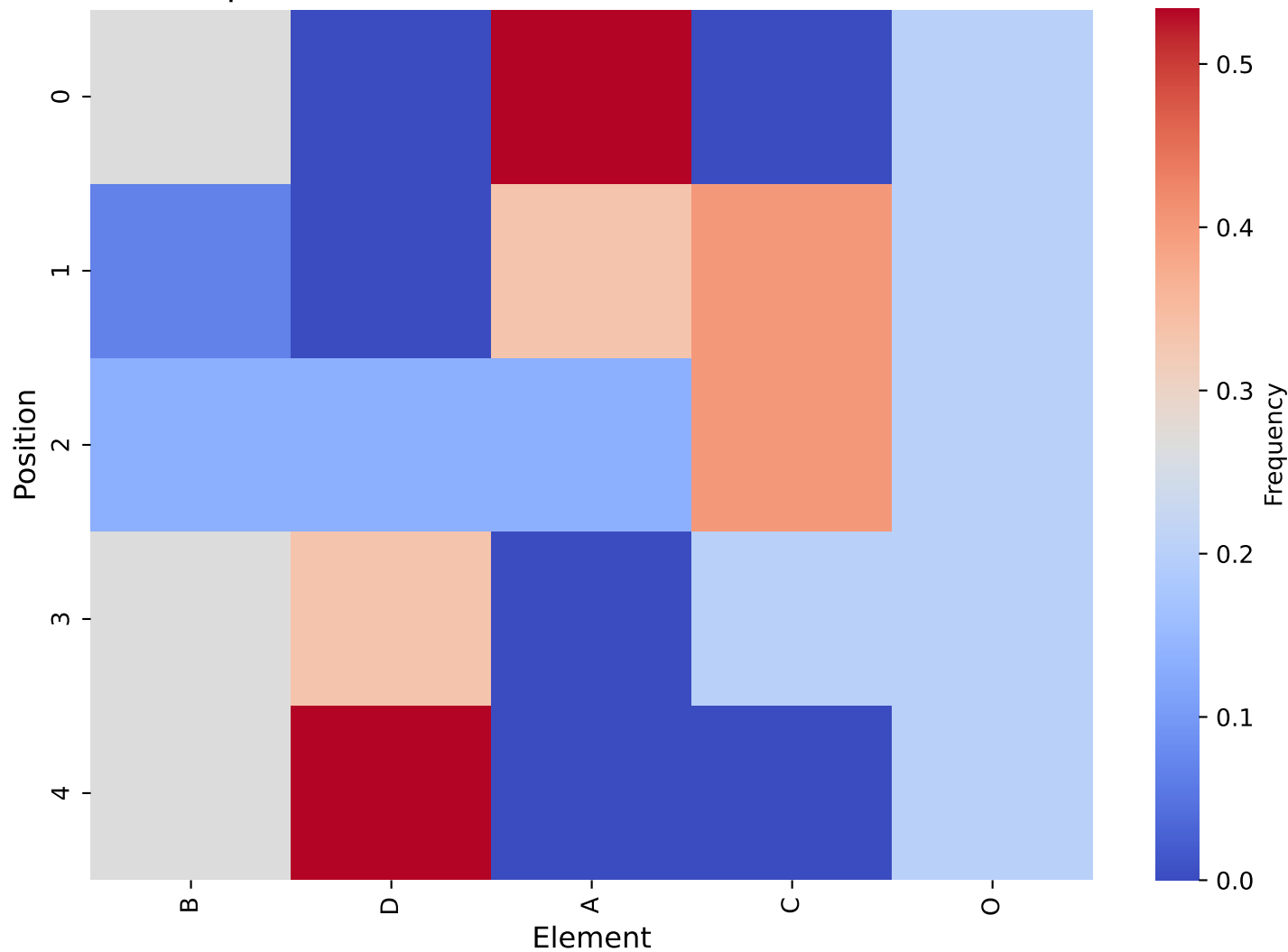
Element Frequencies at Positions for Distance 0.11034482758620691



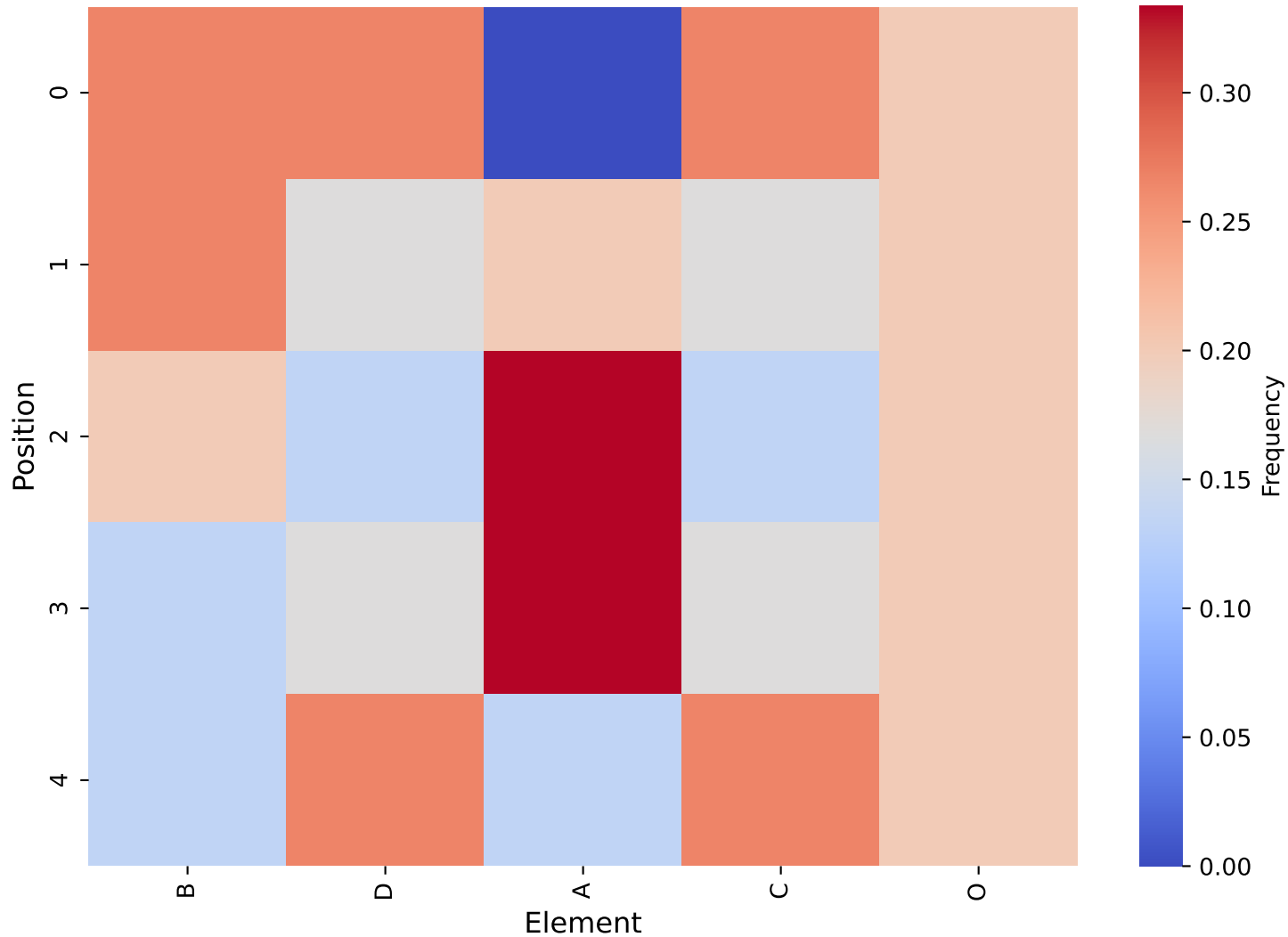
Element Frequencies at Positions for Distance 0.12413793103448276



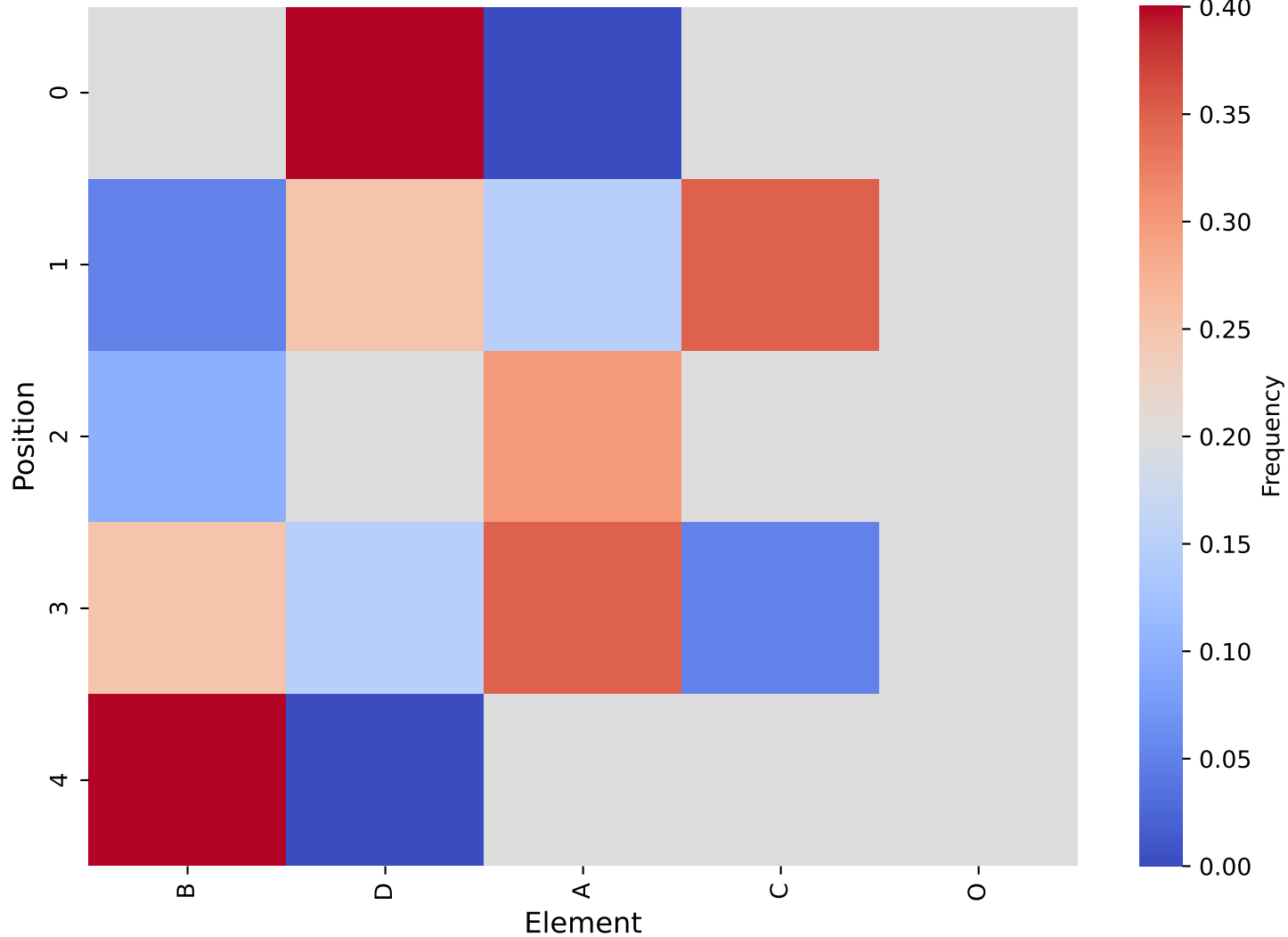
Element Frequencies at Positions for Distance 0.1310344827586207



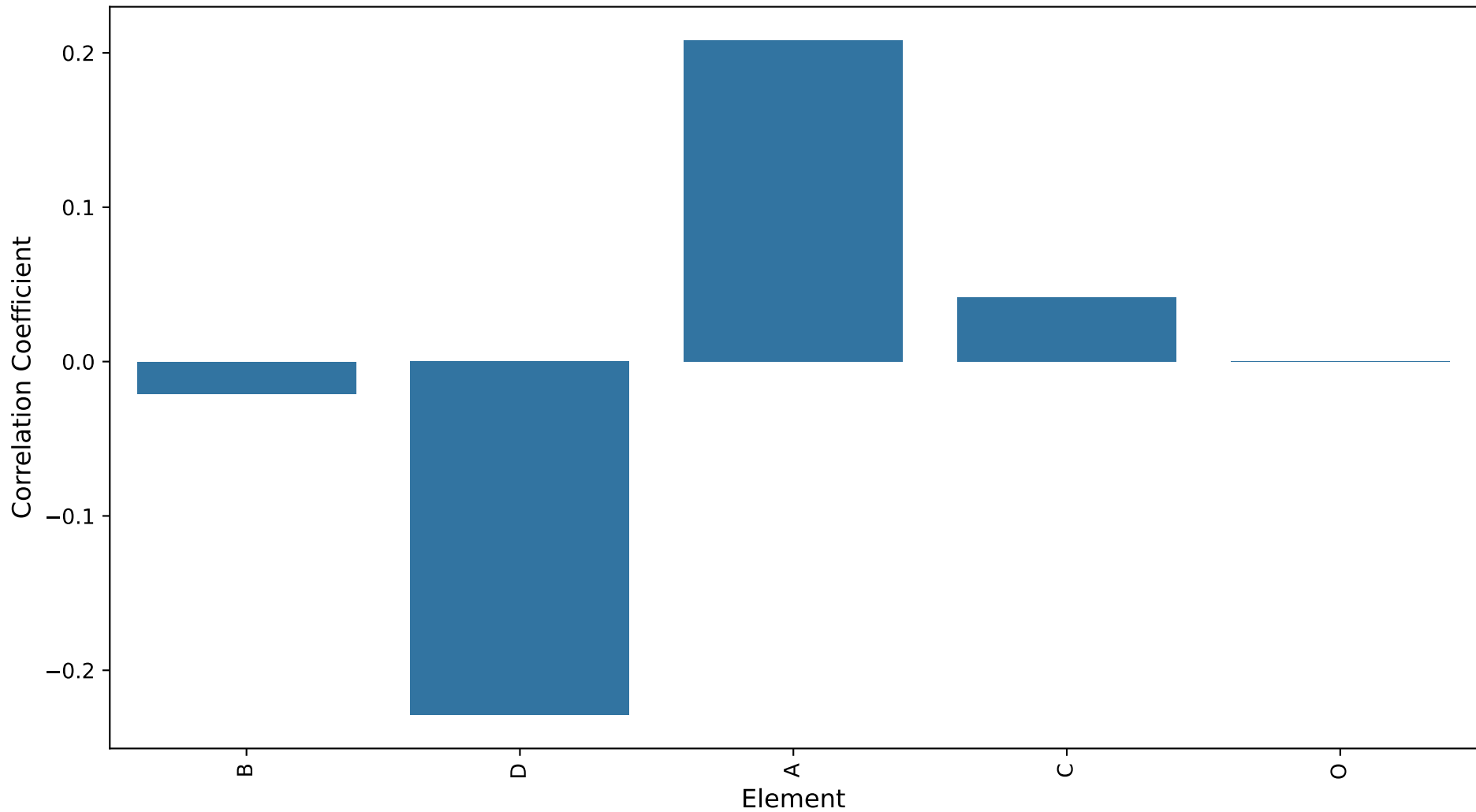
Element Frequencies at Positions for Distance 0.13793103448275862



Element Frequencies at Positions for Distance 0.14482758620689656



Correlation between Element Positions and Distance



Statistical Summary of Distances

| | Value |
|--------------------|----------|
| Mean | 0.133333 |
| Median | 0.134483 |
| Standard Deviation | 0.011722 |
| Variance | 0.000137 |
| Minimum | 0.110345 |
| Maximum | 0.158621 |

Shapiro-Wilk Normality Test Results:

| | Test | Statistic | p-value |
|--------------|------|-----------|----------|
| Shapiro-Wilk | | 0.936781 | 0.000026 |