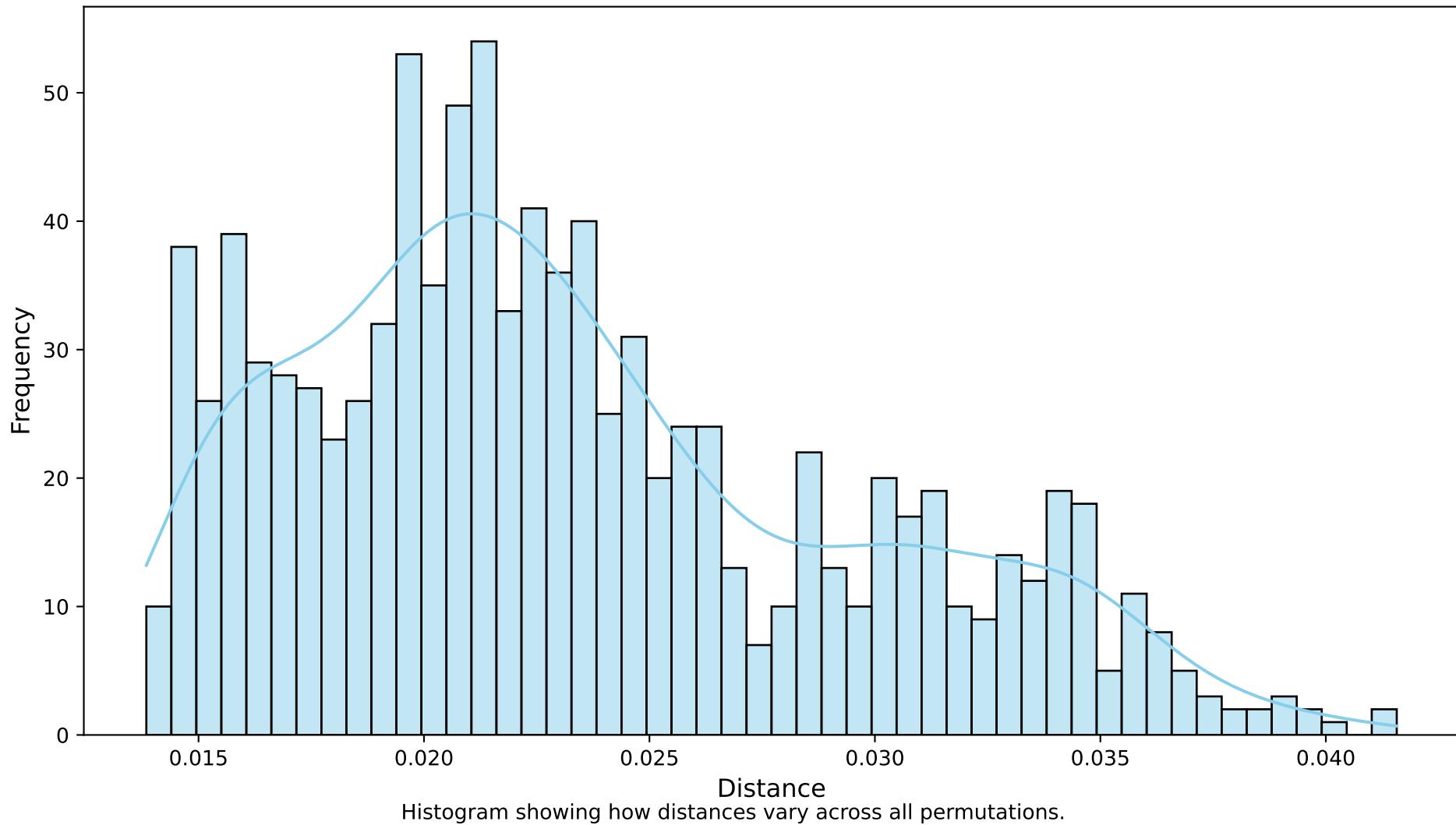
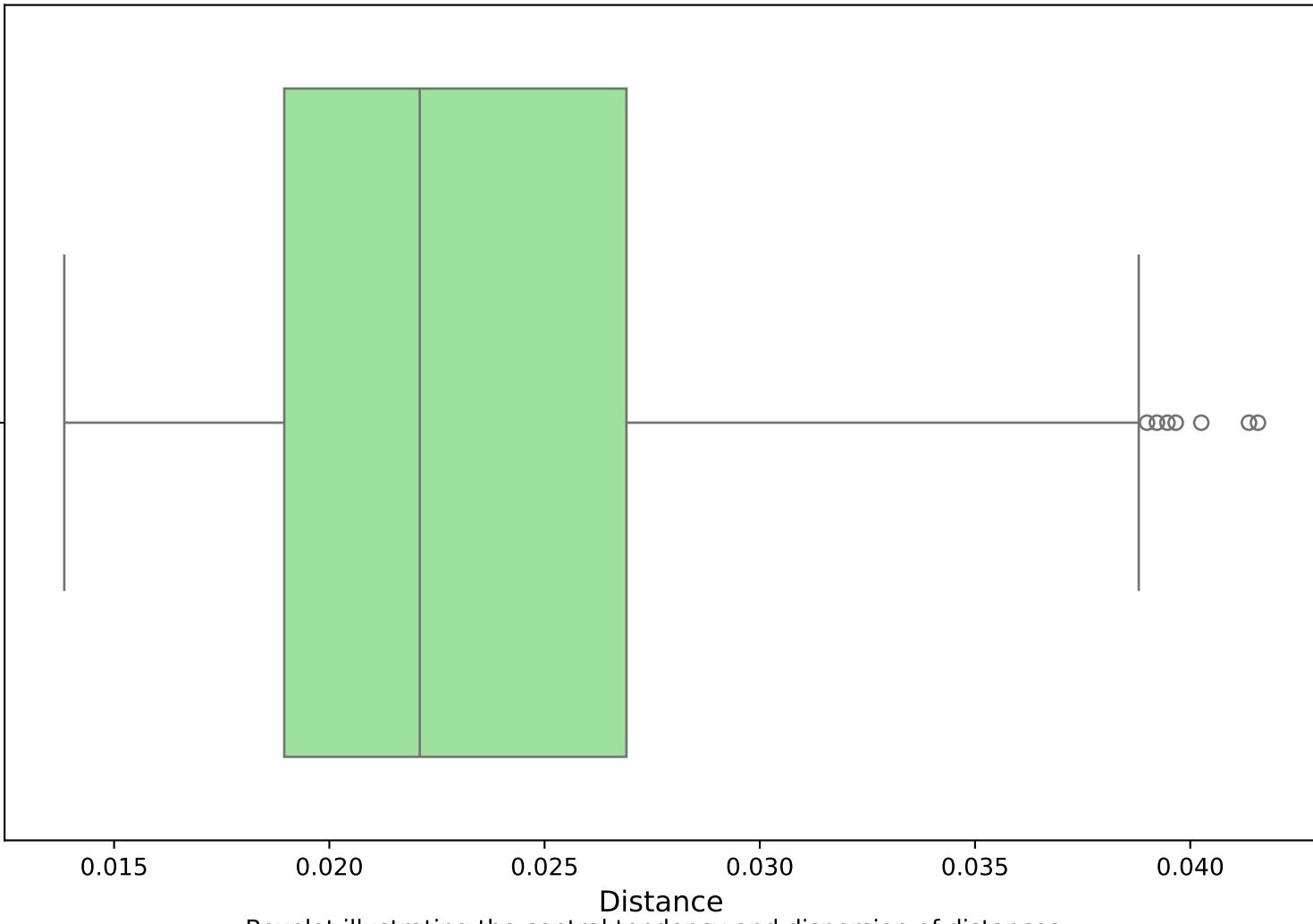


# Distribution of Distances Across Permutations

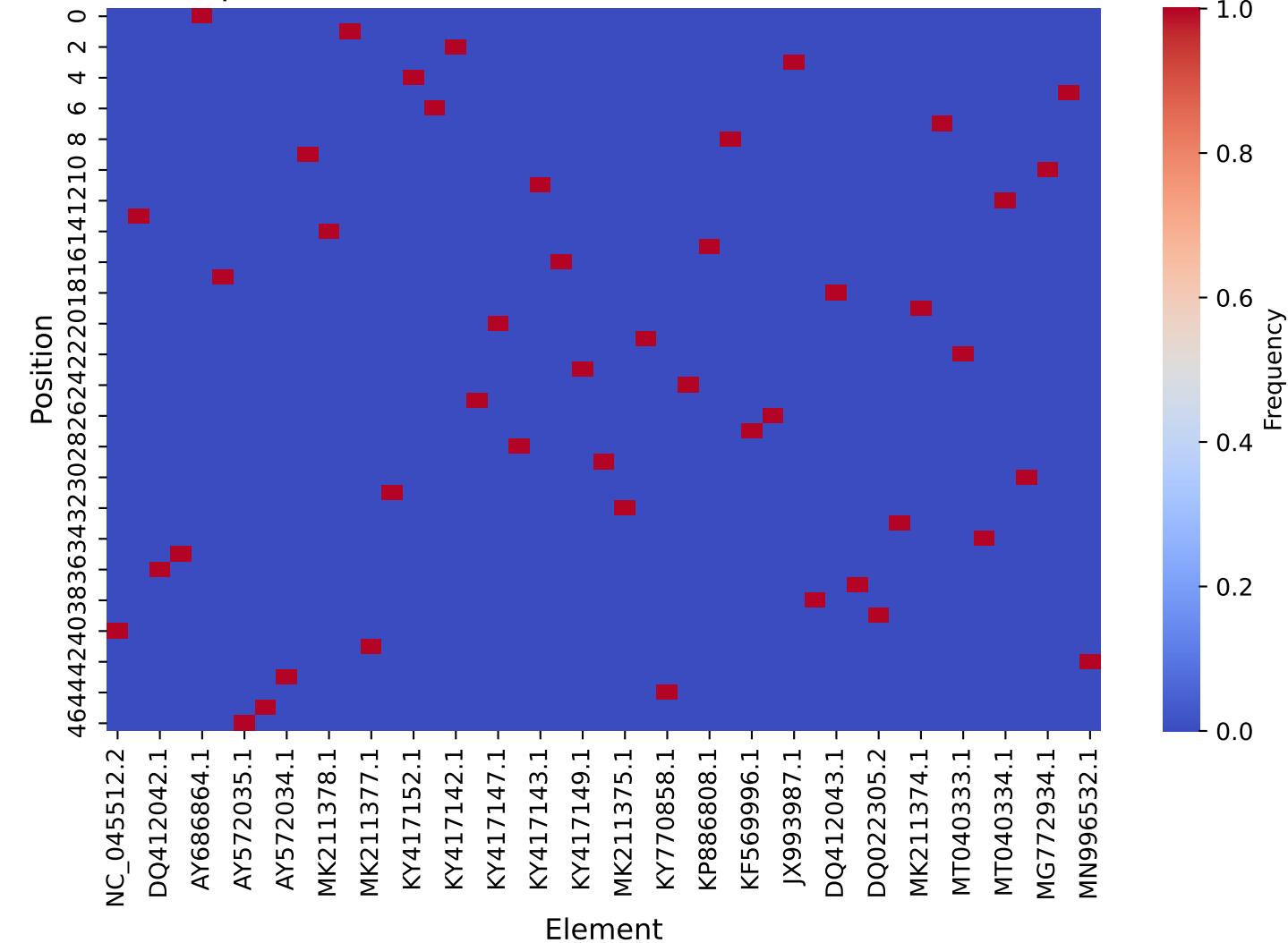


## Summary Statistics of Distances

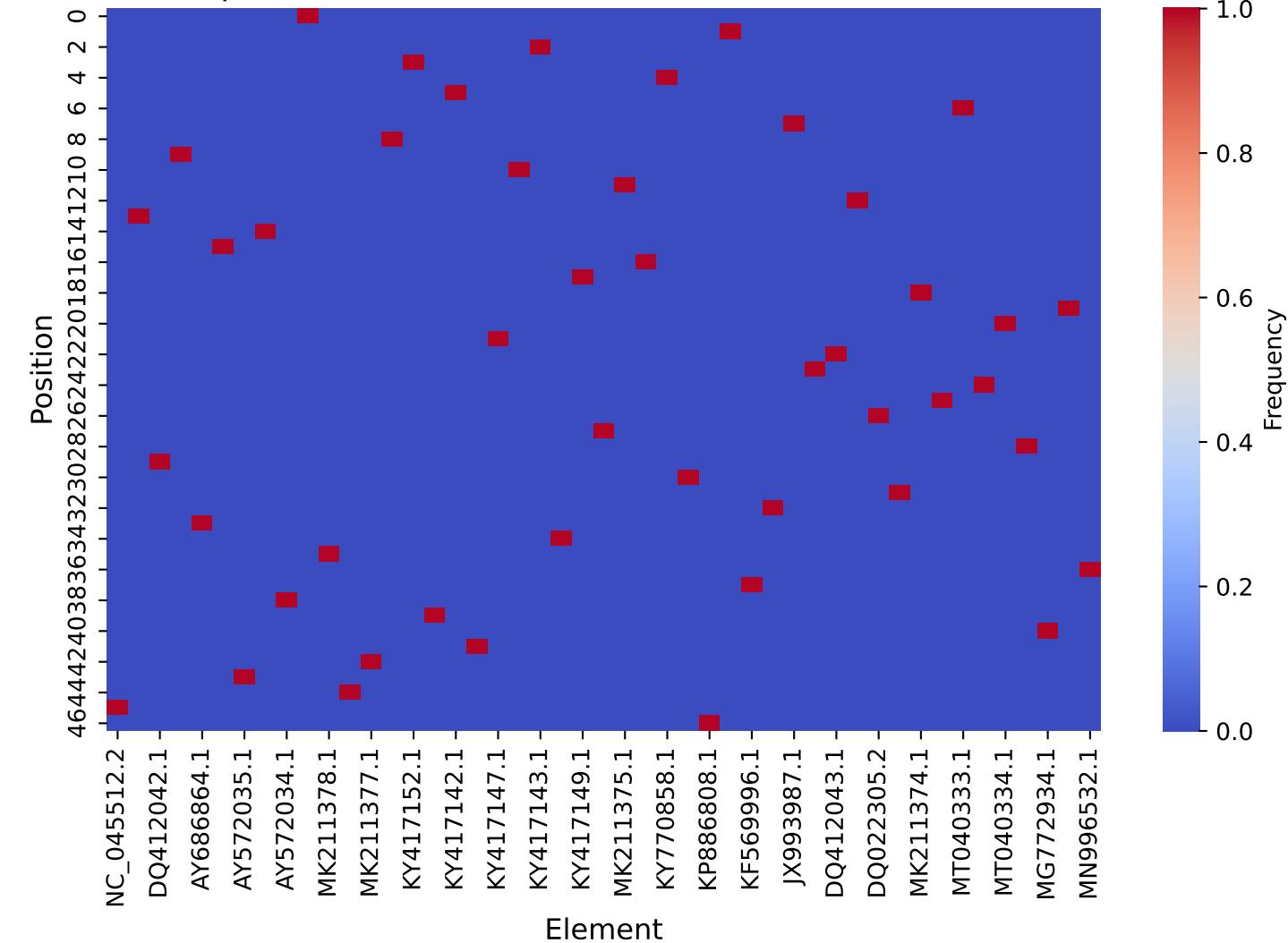


Boxplot illustrating the central tendency and dispersion of distances.

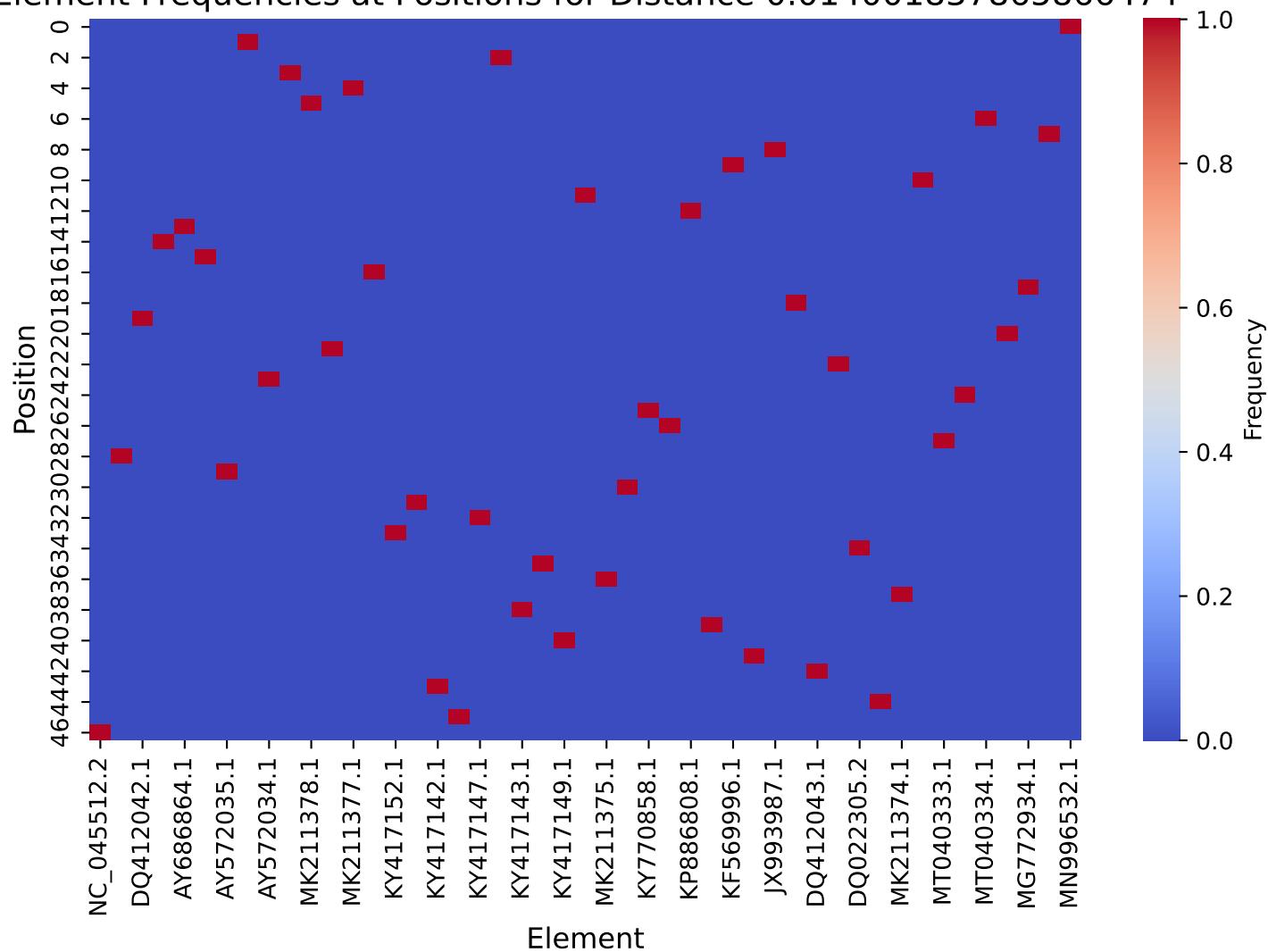
# Element Frequencies at Positions for Distance 0.013842290244736846



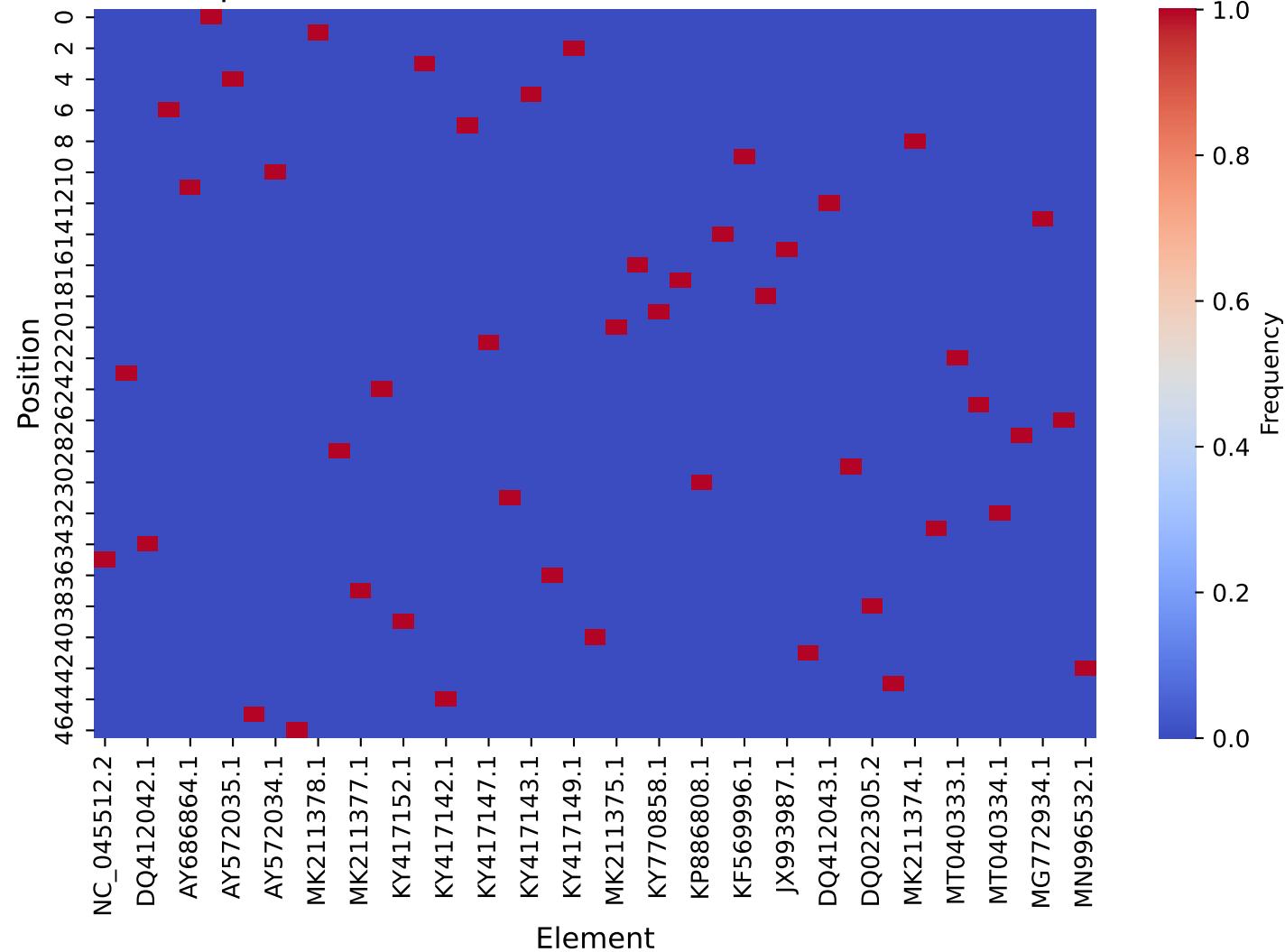
# Element Frequencies at Positions for Distance 0.013869904256086205



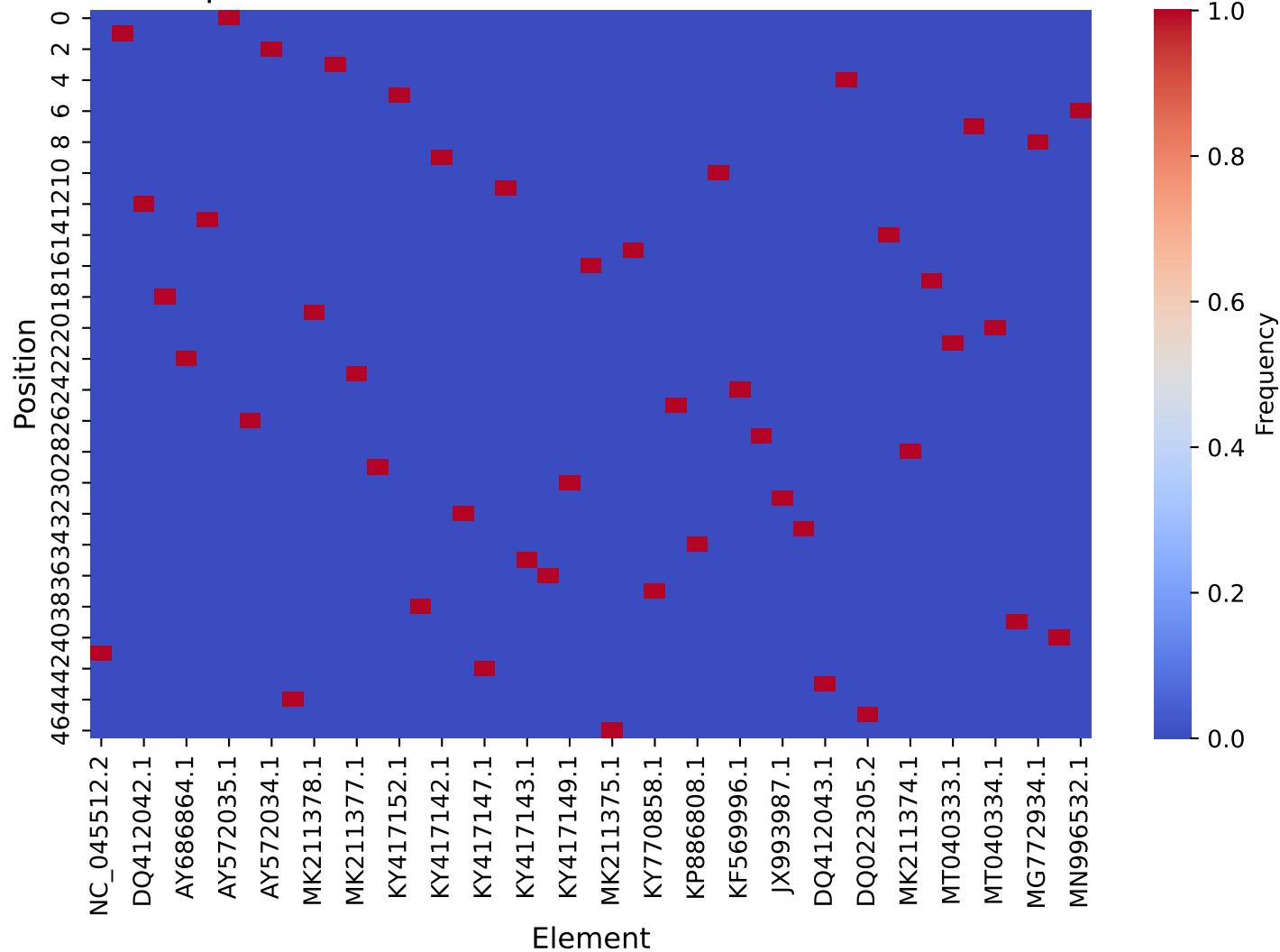
## Element Frequencies at Positions for Distance 0.014001837865866474



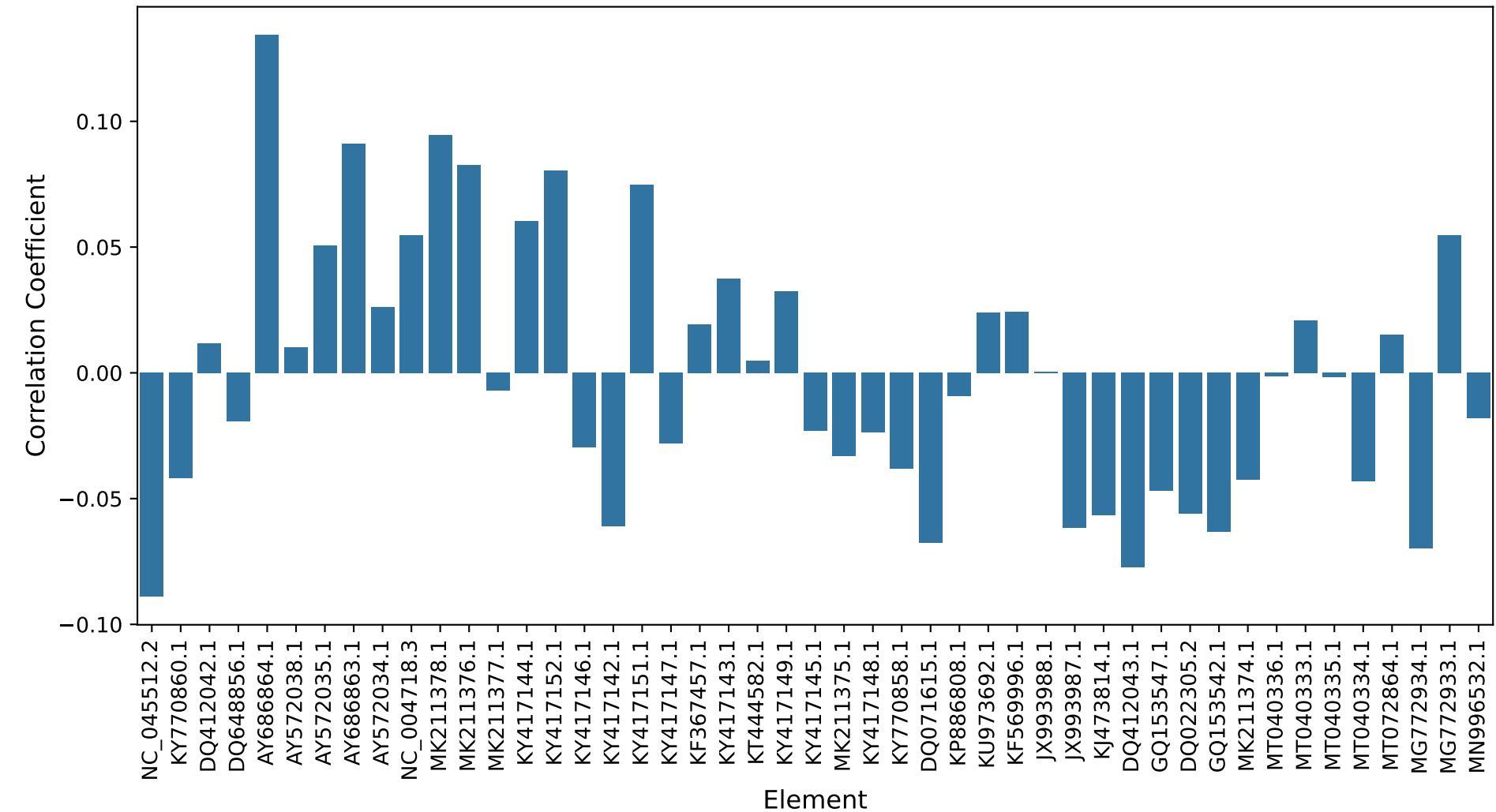
# Element Frequencies at Positions for Distance 0.0142319546271113



## Element Frequencies at Positions for Distance 0.014274909755876797



# Correlation between Element Positions and Distance



# Statistical Summary of Distances

|                    | Value    |
|--------------------|----------|
| Mean               | 0.023303 |
| Median             | 0.022100 |
| Standard Deviation | 0.006089 |
| Variance           | 0.000037 |
| Minimum            | 0.013842 |
| Maximum            | 0.041573 |

## Shapiro-Wilk Normality Test Results:

| Test         | Statistic | p-value      |
|--------------|-----------|--------------|
| Shapiro-Wilk | 0.948599  | 3.505097e-18 |