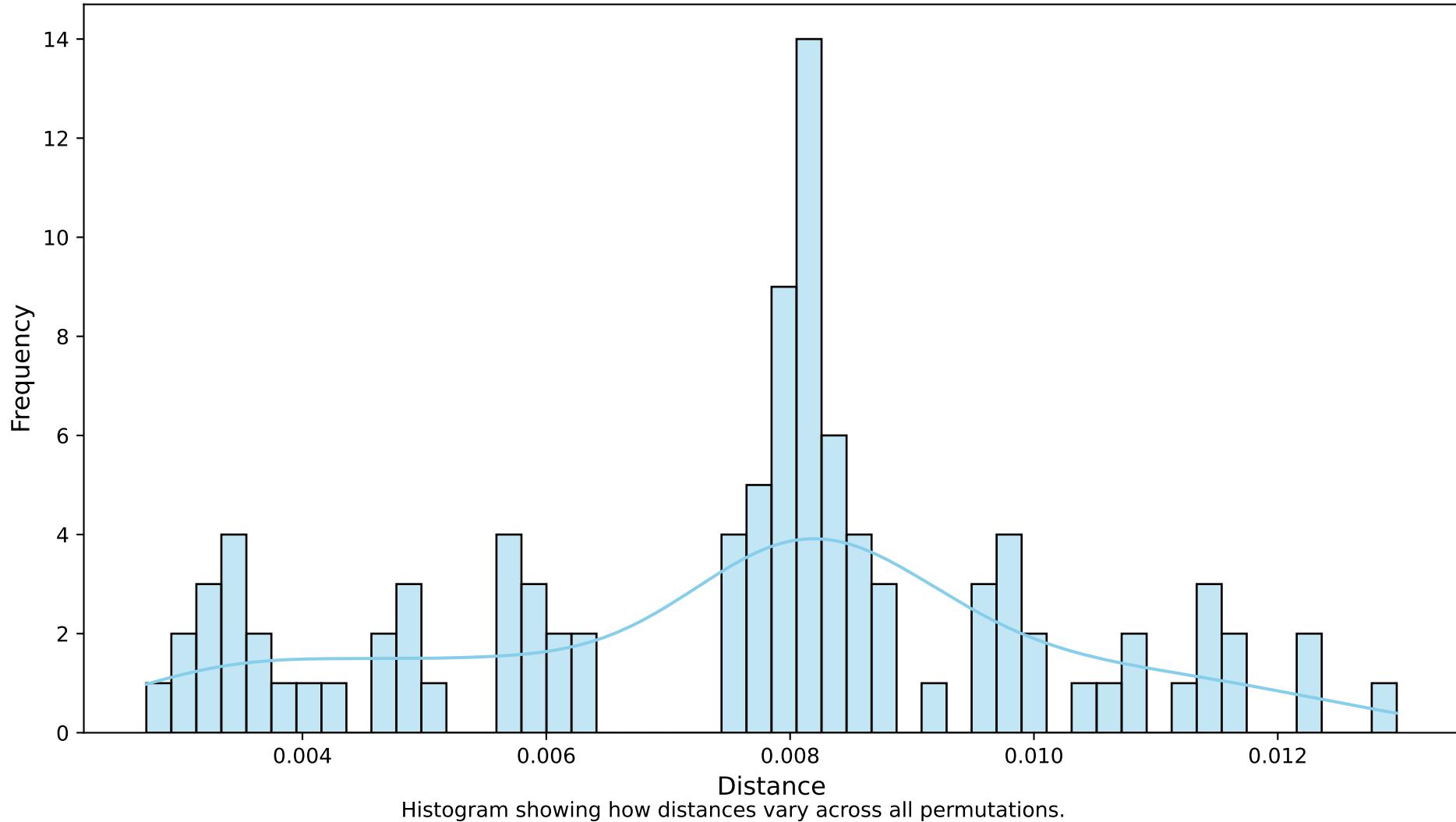


Distribution of Distances Across Permutations



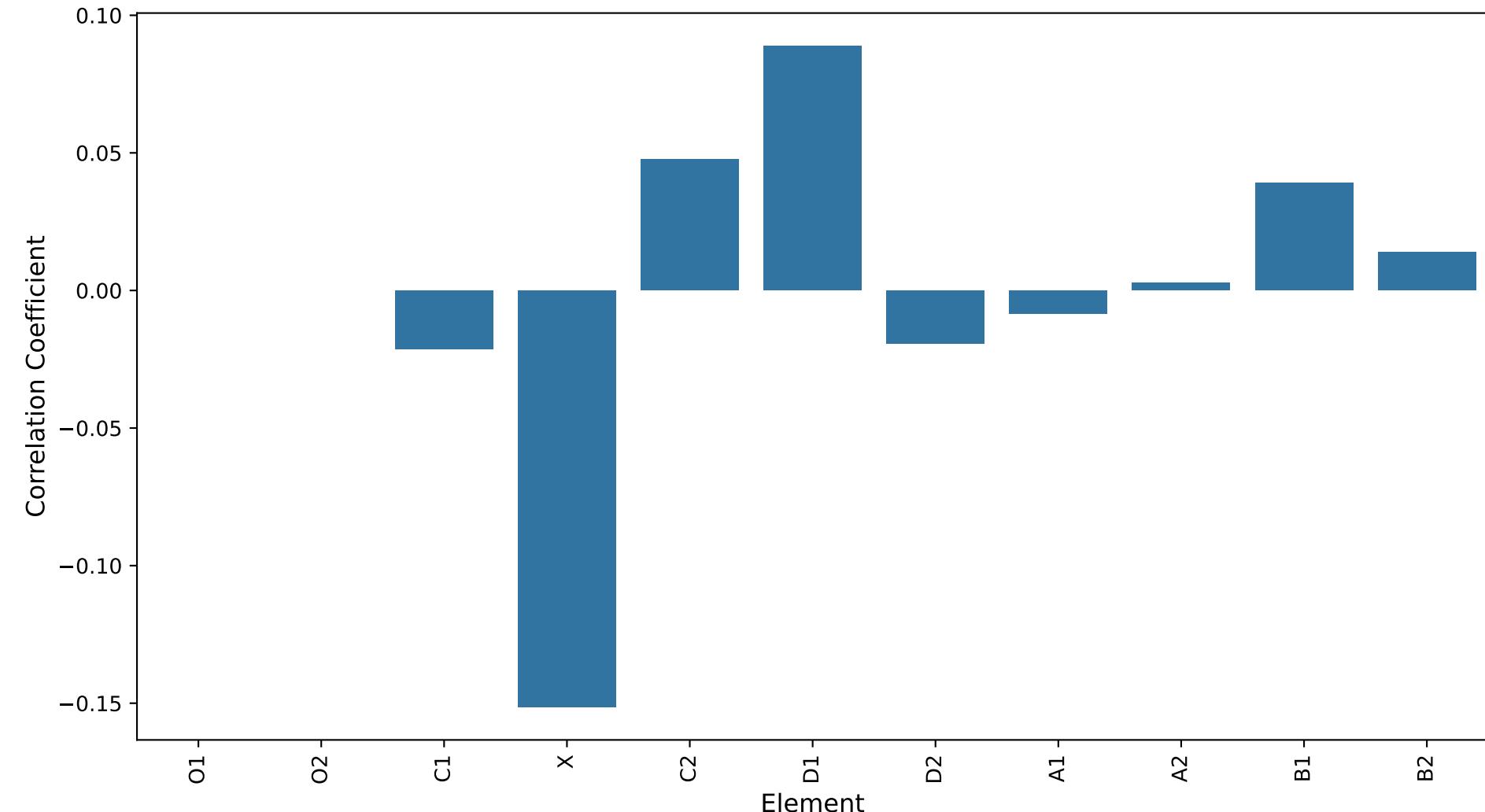
Summary Statistics of Distances

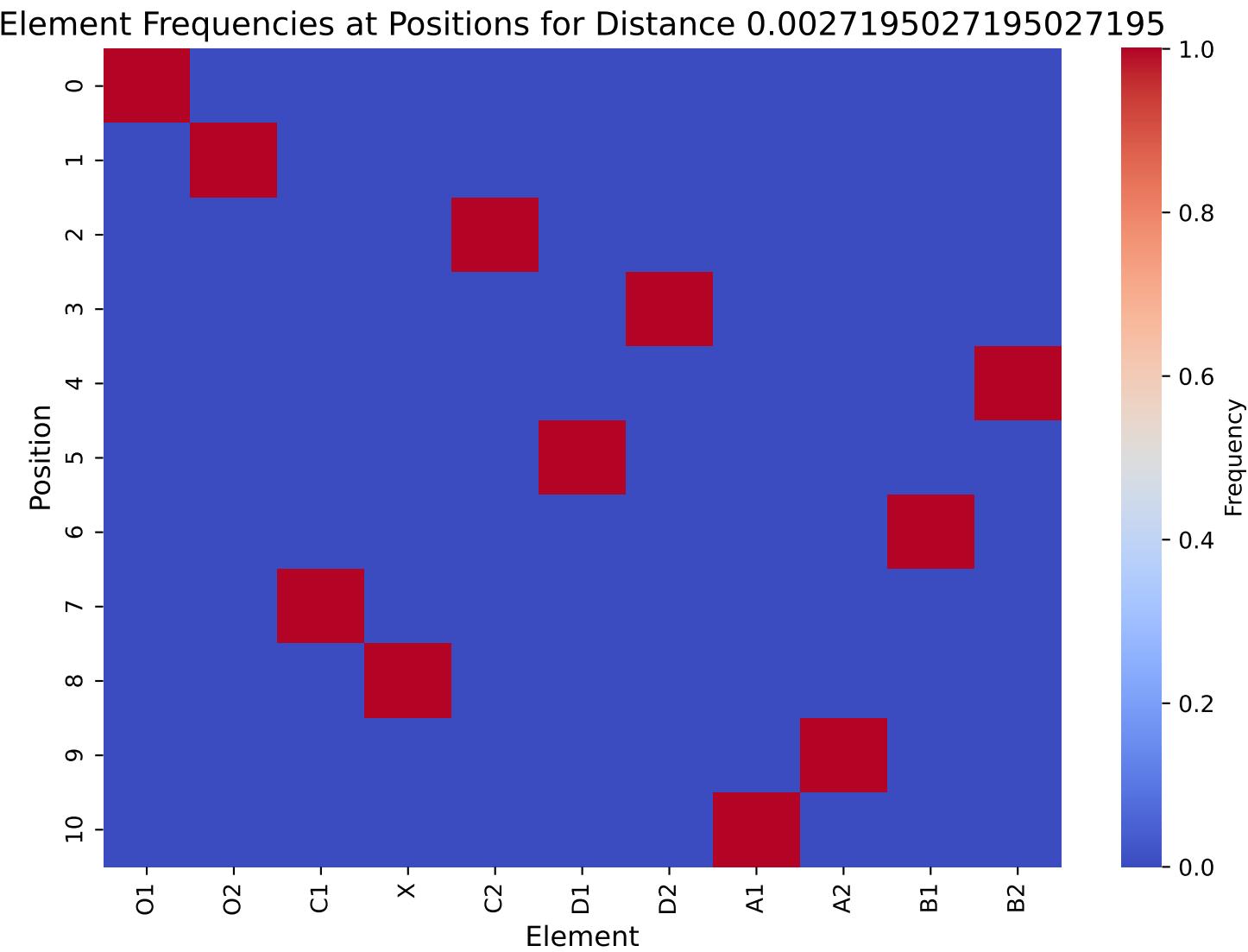
0.004 0.006 0.008 0.010 0.012

Distance

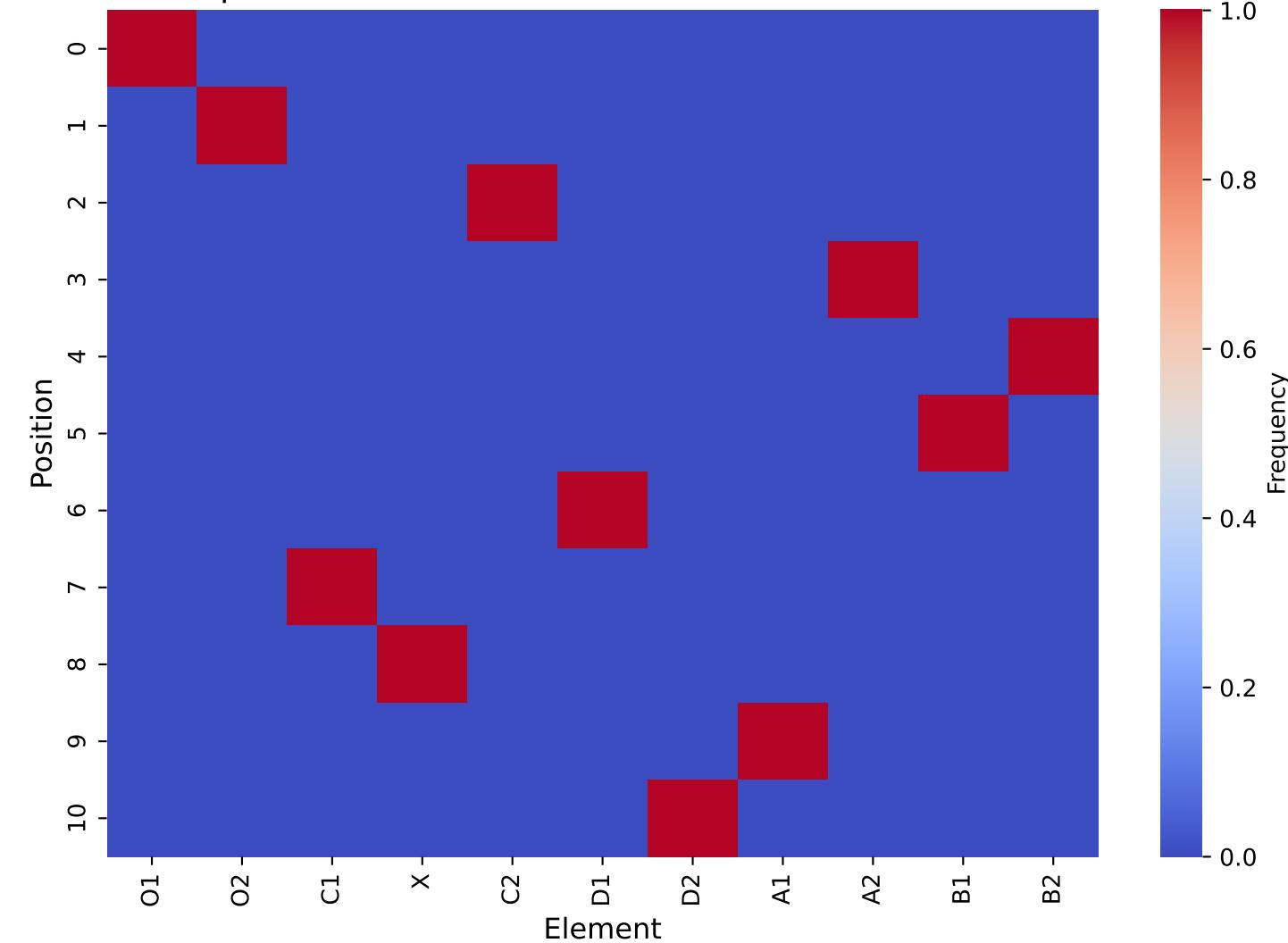
Boxplot illustrating the central tendency and dispersion of distances.

Correlation between Element Positions and Distance





Element Frequencies at Positions for Distance 0.012975912975912975



Statistical Summary of Distances

	Value
Mean	0.007577
Median	0.008042
Standard Deviation	0.002450
Variance	0.000006
Minimum	0.002720
Maximum	0.012976

Shapiro-Wilk Normality Test Results:

Test	Statistic	p-value
Shapiro-Wilk	0.951206	0.000997

Permutations with Minimal Distance: 0.0027195027195027195

01, 02, C2, D2, B2, D1, B1, C1, X, A2, A1

Permutations resulting in the minimal total distance among trees.

Permutations with Maximal Distance: 0.012975912975912975

01, 02, C2, A2, B2, B1, D1, C1, X, A1, D2

Permutations resulting in the maximal total distance among trees.