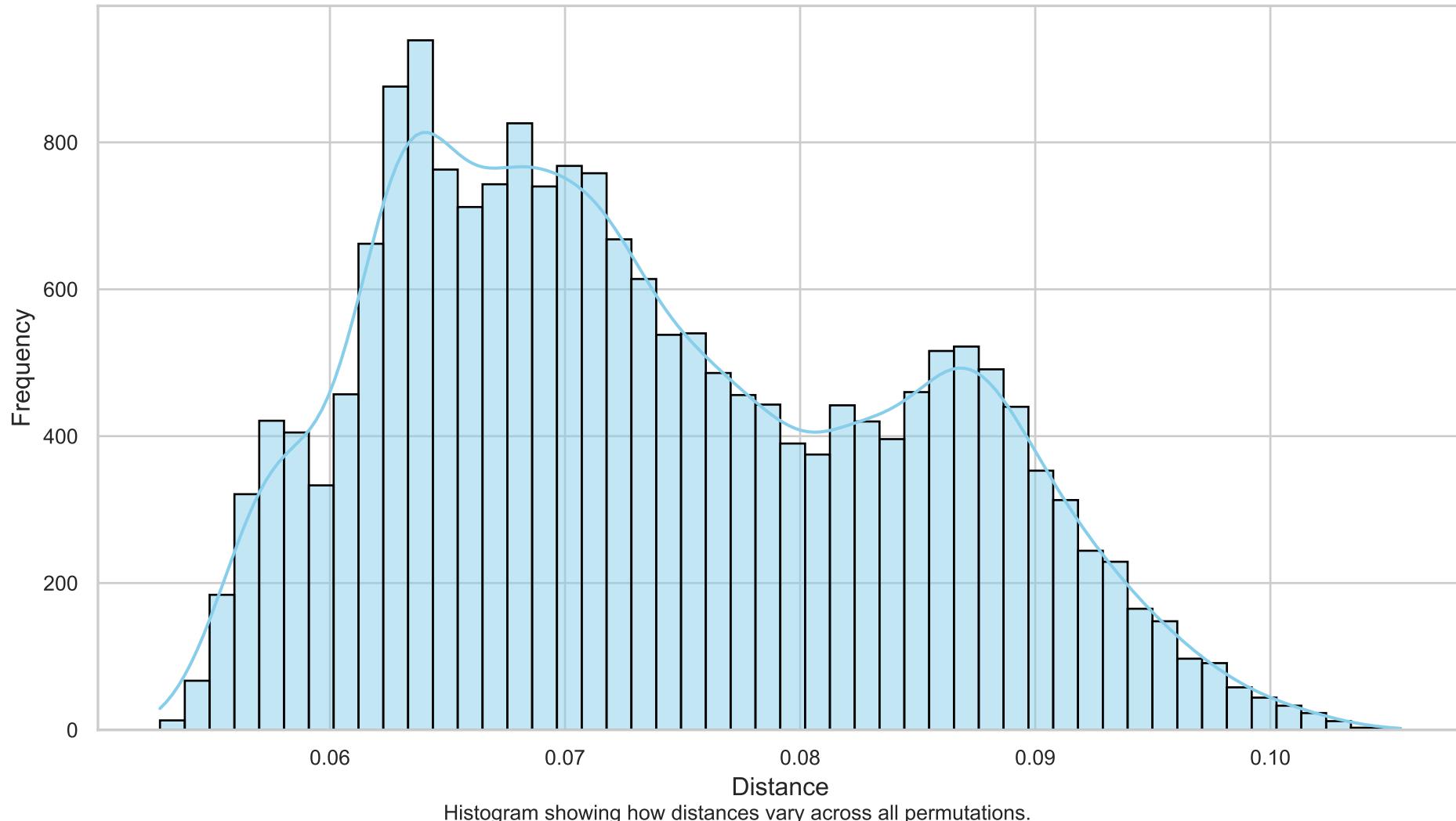
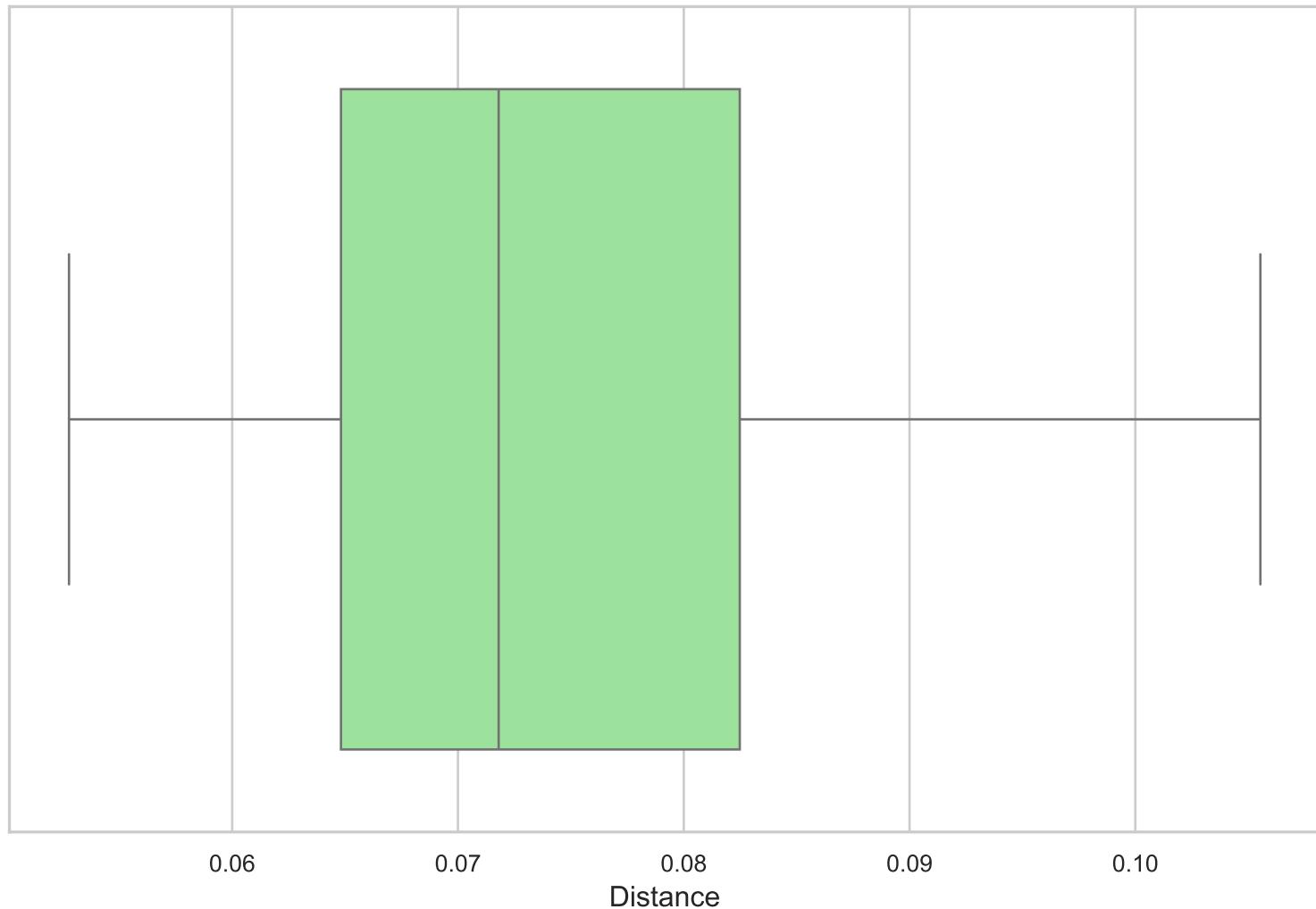


Distribution of Distances Across Permutations

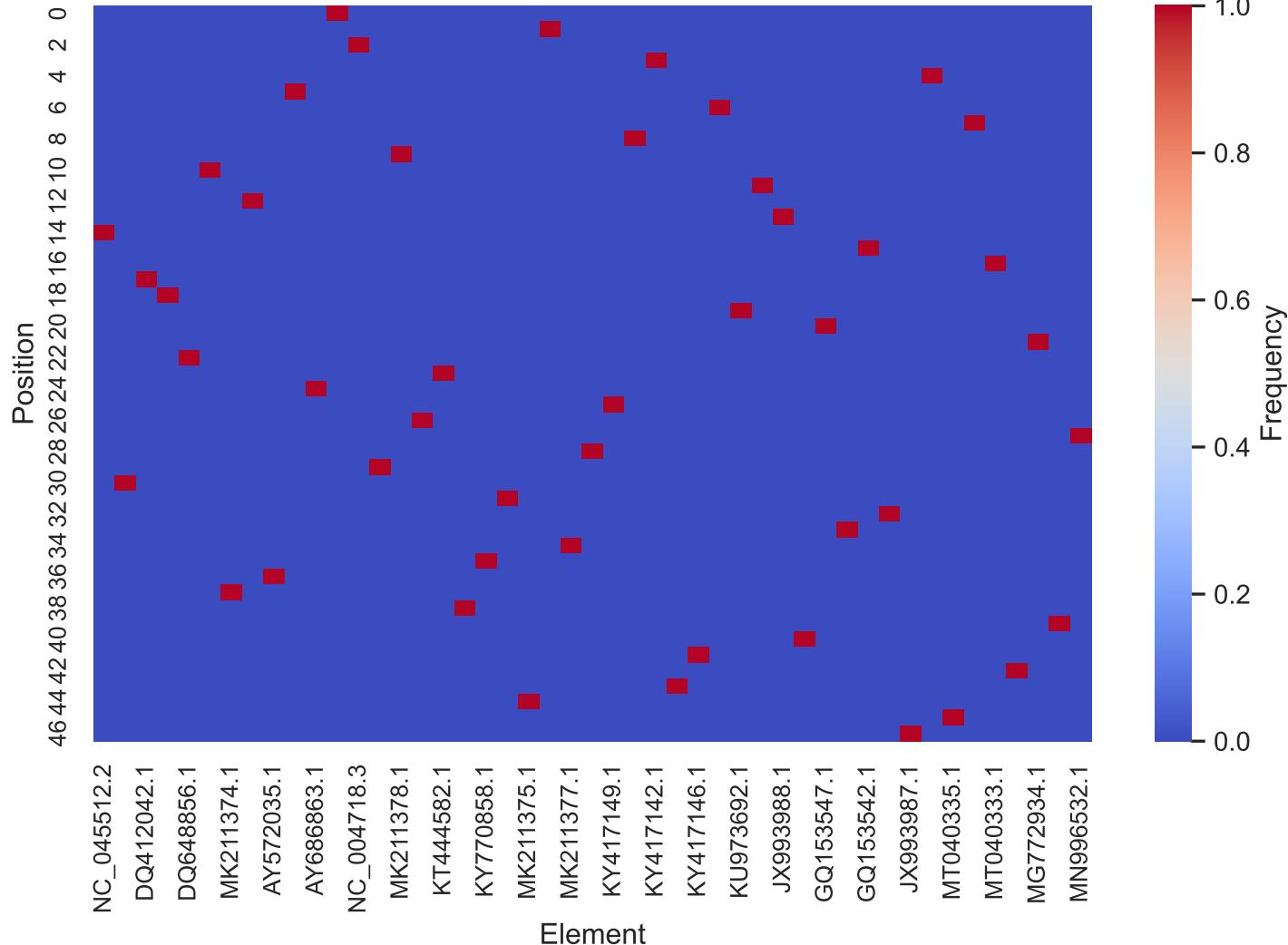


Summary Statistics of Distances

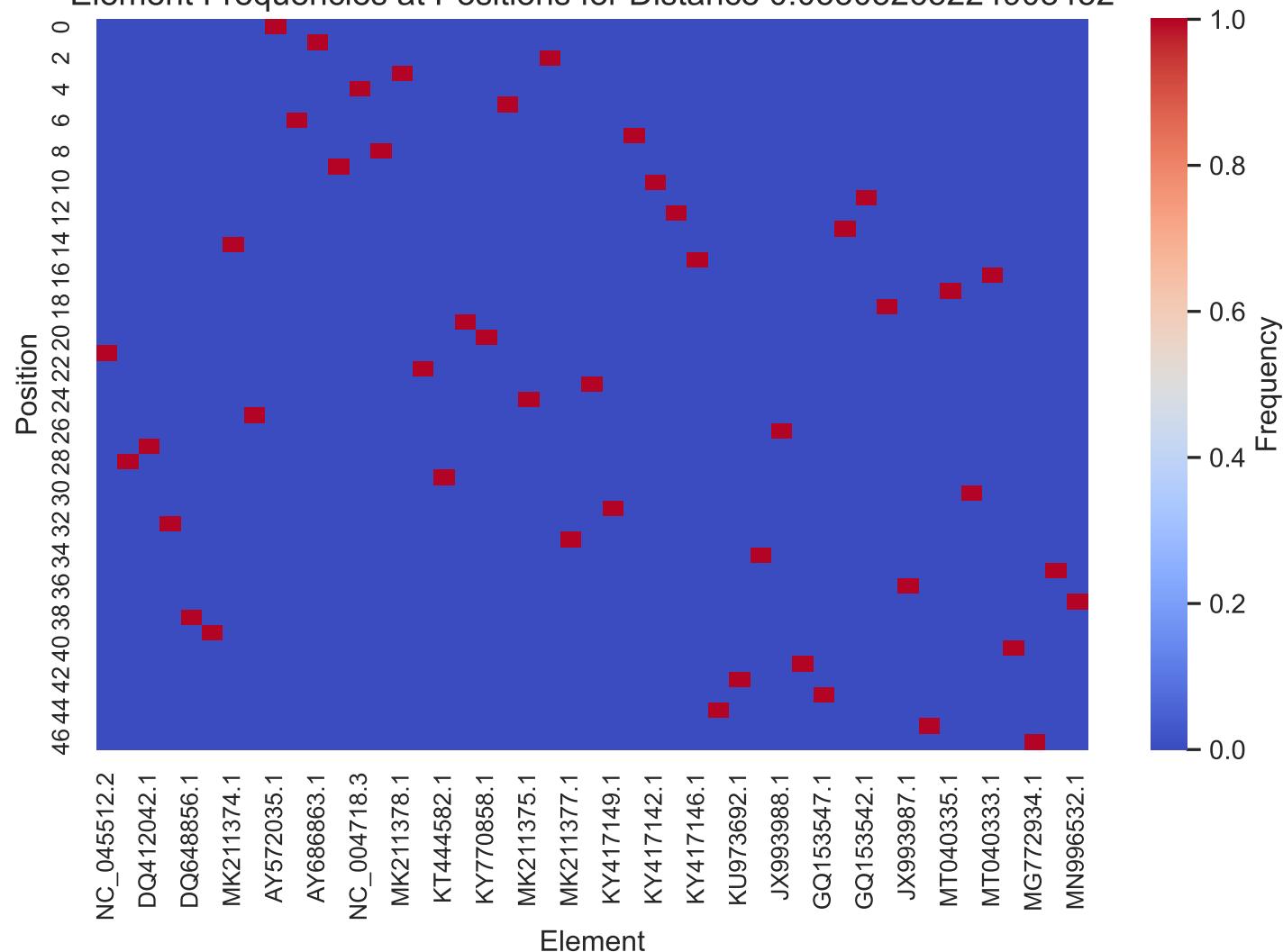


Boxplot illustrating the central tendency and dispersion of distances.

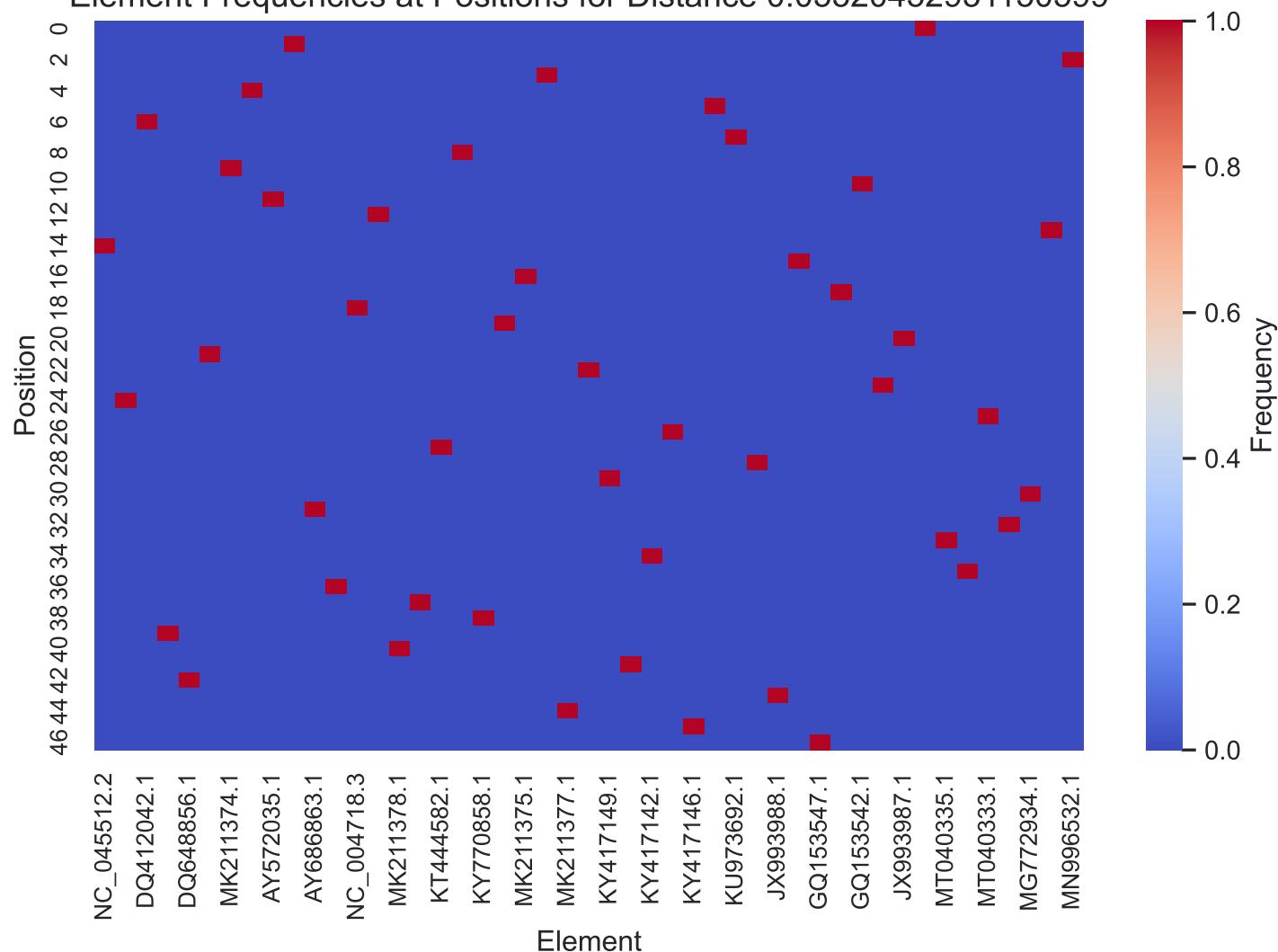
Element Frequencies at Positions for Distance 0.05277190980036604



Element Frequencies at Positions for Distance 0.05305265224908452

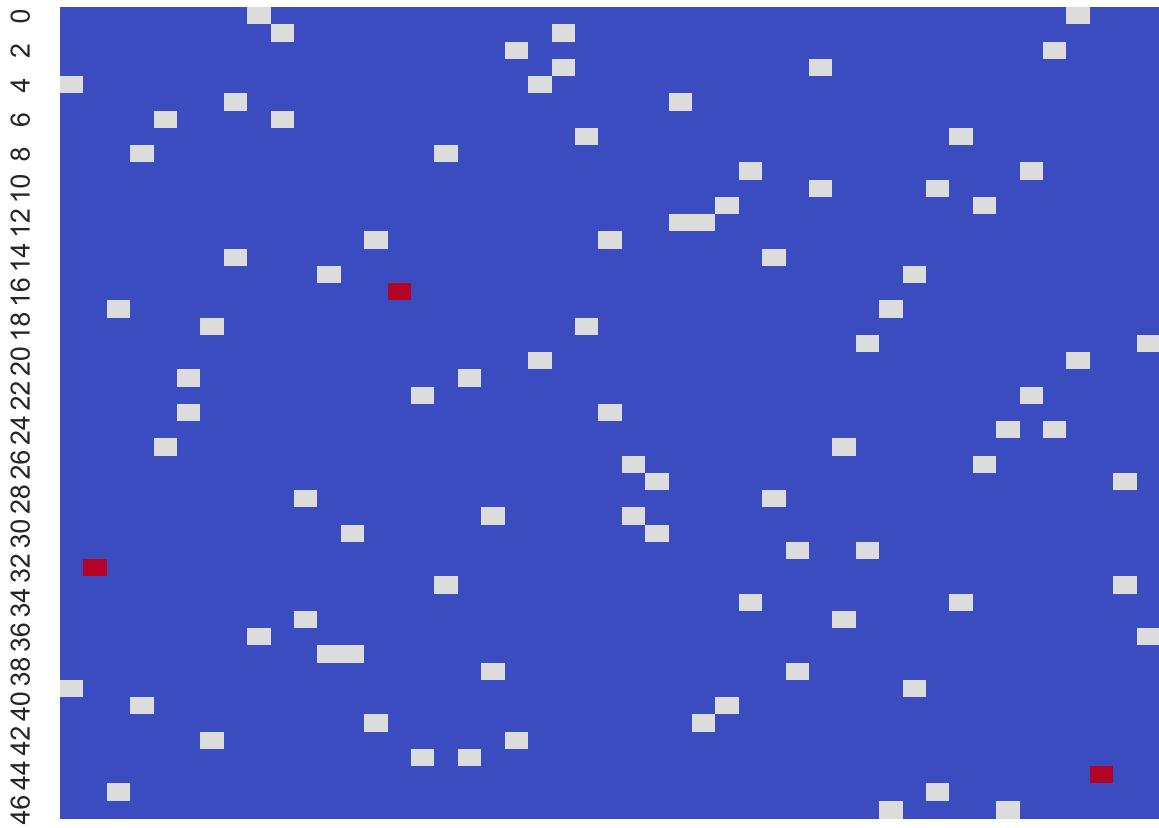


Element Frequencies at Positions for Distance 0.05320452931150599



Element Frequencies at Positions for Distance 0.053290439569037326

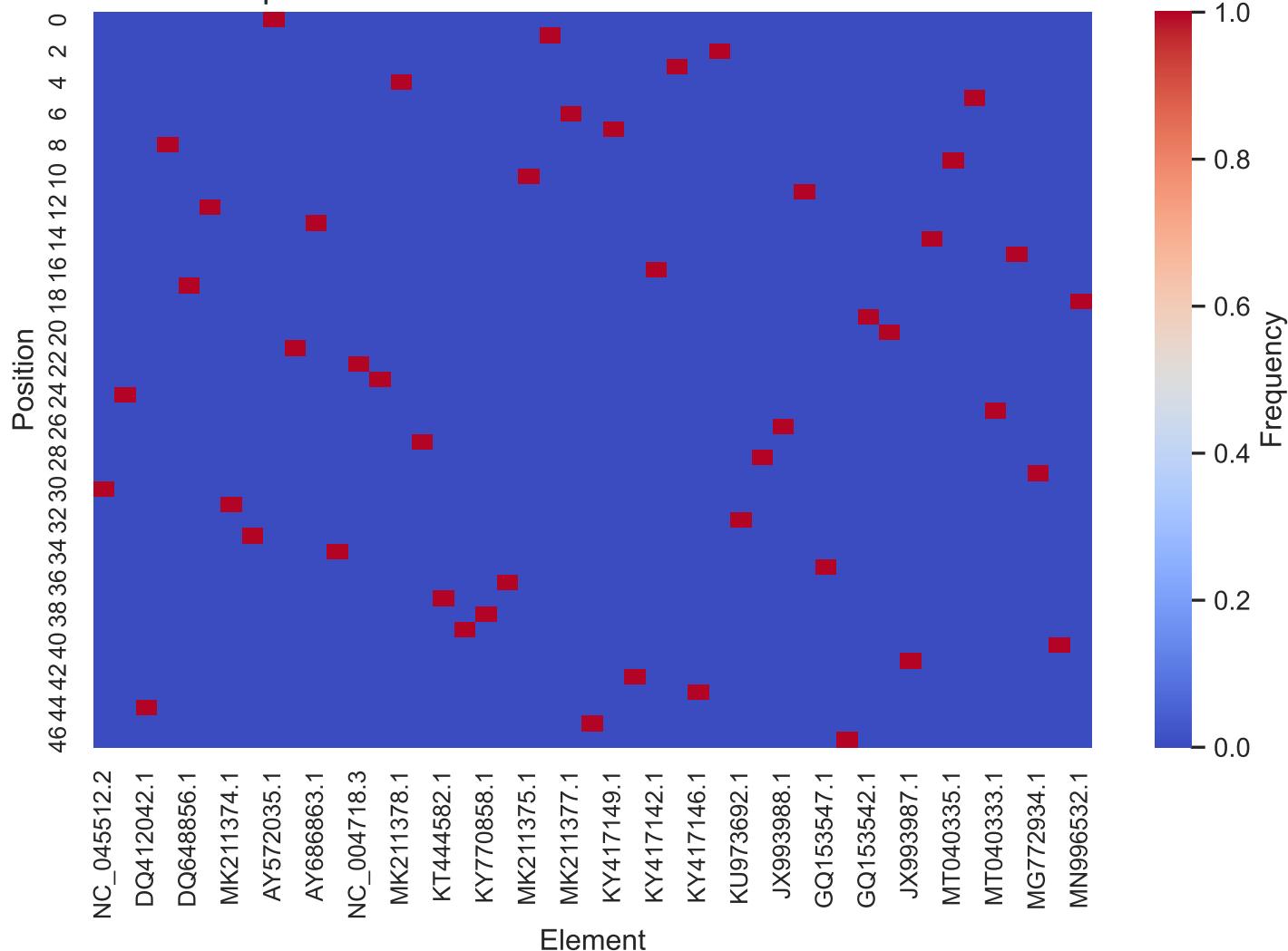
Position



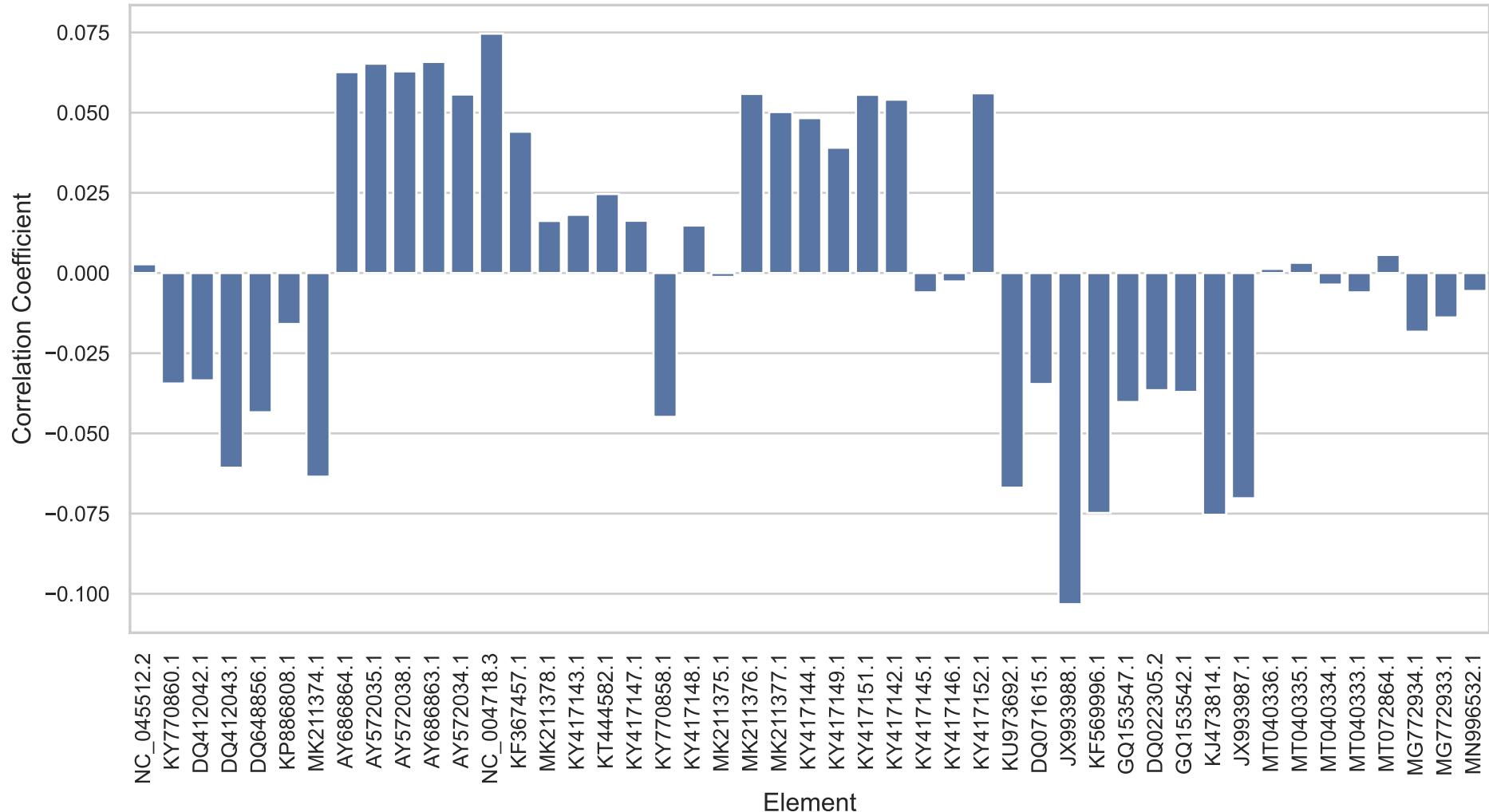
Element	Position 0	Position 10	Position 20	Position 30	Position 40	Position 46
NC_045512.2	0.05	0.05	0.05	0.05	0.05	0.05
DQ412042.1	0.05	0.05	0.05	0.05	0.05	0.05
DQ648856.1	0.05	0.05	0.05	0.05	0.05	0.05
MK211374.1	0.05	0.05	0.05	0.05	0.05	0.05
AY572035.1	0.05	0.05	0.05	0.05	0.05	0.05
AY686863.1	0.05	0.05	0.05	0.05	0.05	0.05
NC_004718.3	0.05	0.05	0.05	0.05	0.05	0.05
MK211378.1	0.05	0.05	0.05	0.05	0.05	0.05
KT444582.1	0.05	0.05	0.05	0.05	0.05	0.05
KY770858.1	0.05	0.05	0.05	0.05	0.05	0.05
MK211375.1	0.05	0.05	0.05	0.05	0.05	0.05
MK211377.1	0.05	0.05	0.05	0.05	0.05	0.05
KY417149.1	0.05	0.05	0.05	0.05	0.05	0.05
KY417142.1	0.05	0.05	0.05	0.05	0.05	0.05
KY417146.1	0.05	0.05	0.05	0.05	0.05	0.05
KU973692.1	0.05	0.05	0.05	0.05	0.05	0.05
JX993988.1	0.05	0.05	0.05	0.05	0.05	0.05
GQ153547.1	0.05	0.05	0.05	0.05	0.05	0.05
GQ153542.1	0.05	0.05	0.05	0.05	0.05	0.05
JX993987.1	0.05	0.05	0.05	0.05	0.05	0.05
MT040335.1	0.05	0.05	0.05	0.05	0.05	0.05
MT040333.1	0.05	0.05	0.05	0.05	0.05	0.05
MG772934.1	0.05	0.05	0.05	0.05	0.05	0.05
MN996532.1	0.05	0.05	0.05	0.05	0.05	0.05



Element Frequencies at Positions for Distance 0.05333032647431974



Correlation between Element Positions and Distance



Statistical Summary of Distances

	Value
Mean	0.073696
Median	0.071802
Standard Deviation	0.010832
Variance	0.000117
Minimum	0.052772
Maximum	0.105539

Shapiro-Wilk Normality Test Results:

Test	Statistic	p-value
Shapiro-Wilk	0.9655	3.110816e-55