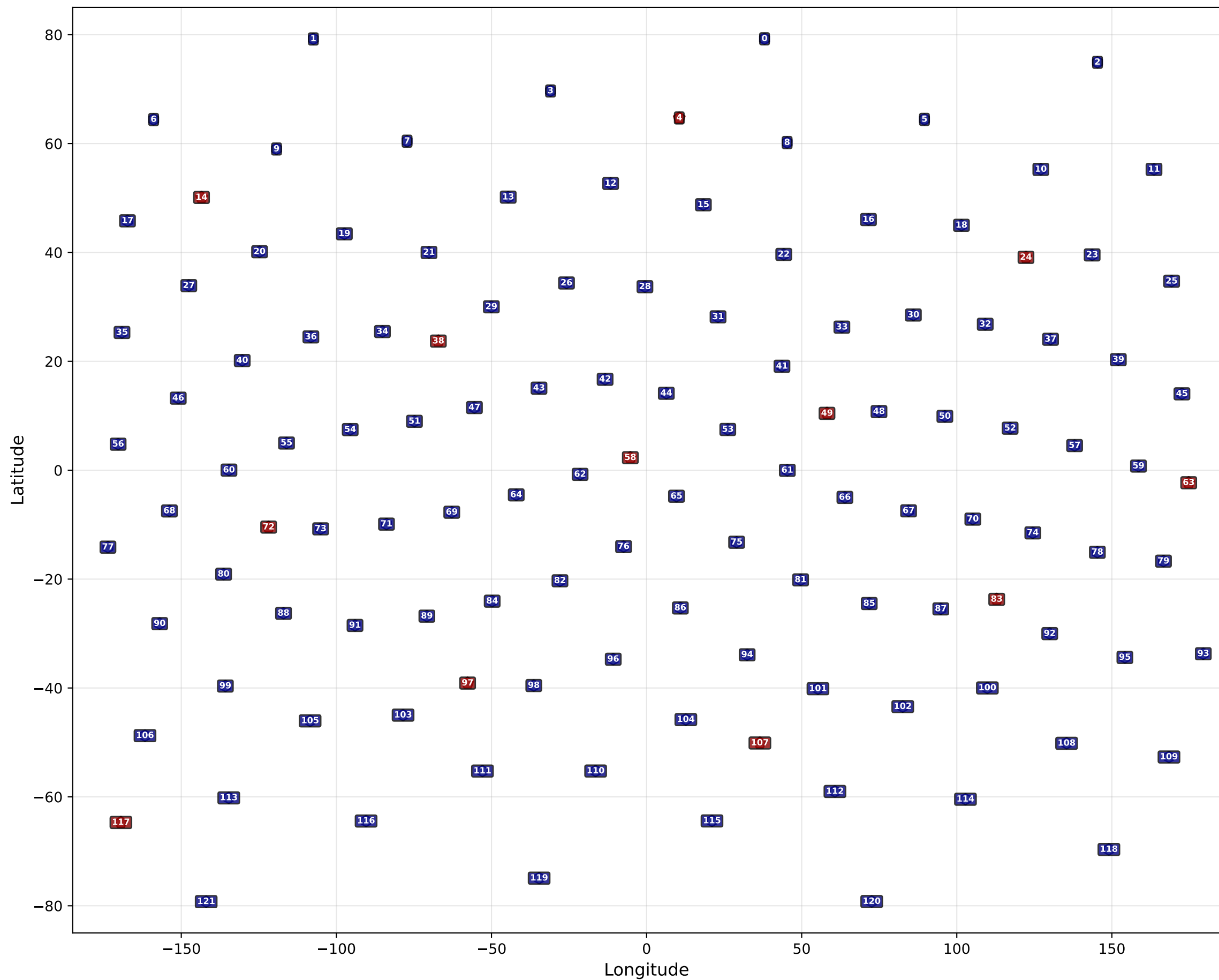
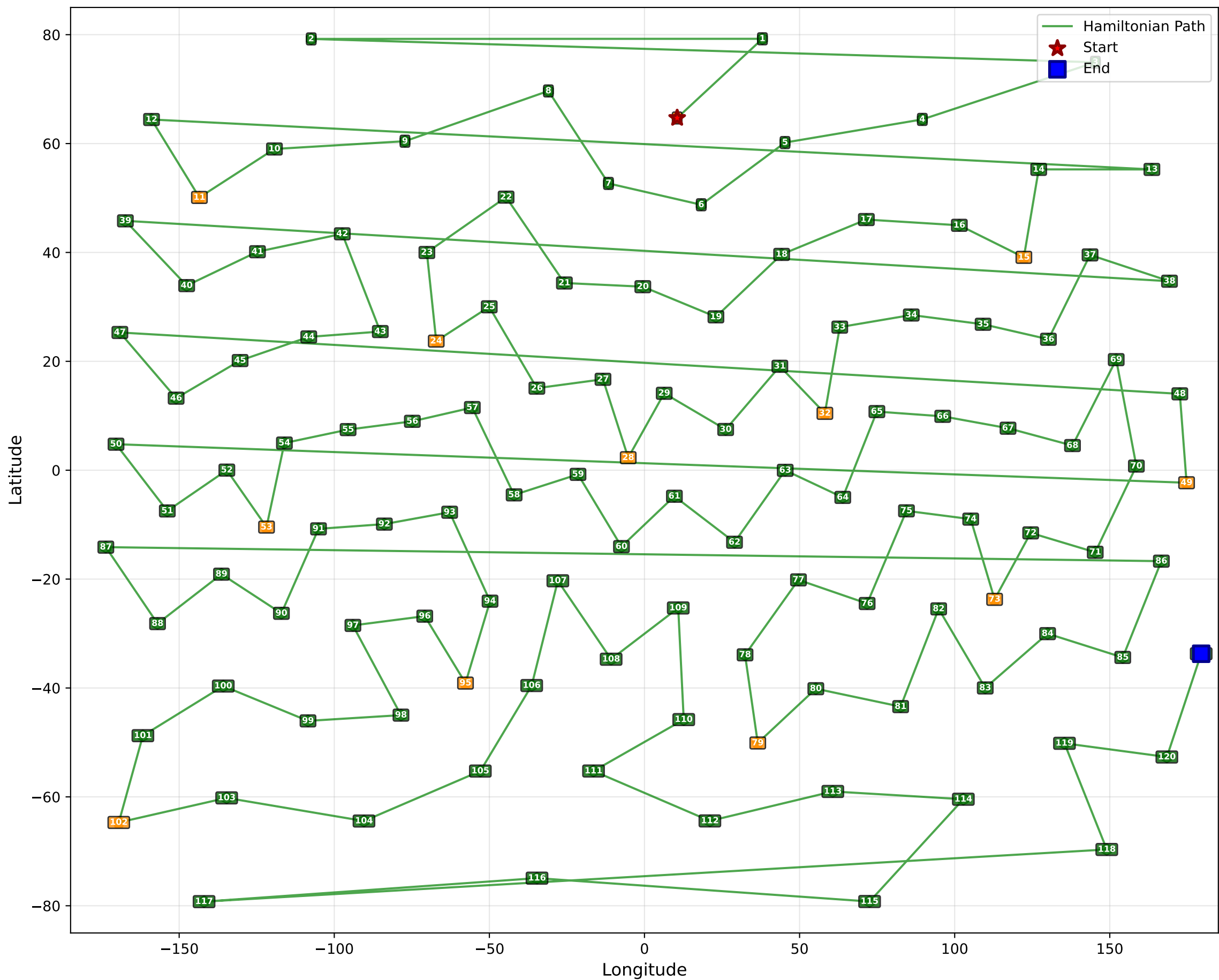


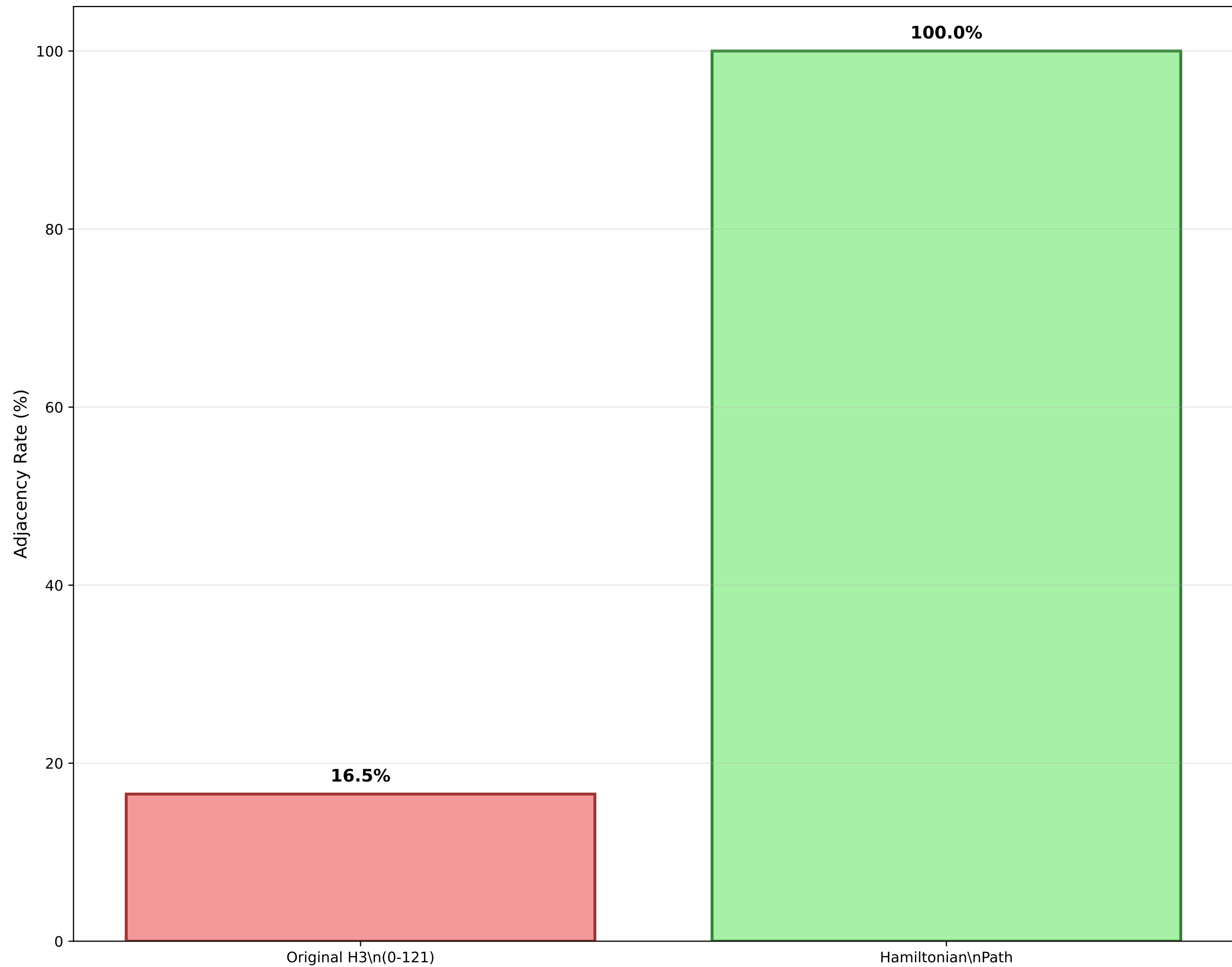
Original H3 Level 0 Ordering\nBase Cell Numbers 0-121 (25.6% Adjacency)



Hamiltonian Path Ordering\nOptimal Spatial Sequence (100% Adjacency)



Adjacency Rate Comparison



Transformation Summary

ORDERING TRANSFORMATION RESULTS

ADJACENCY IMPROVEMENT:

Original H3 (0-121): 16.5%

Hamiltonian Path: 100.0%

Improvement Factor: 6.0x

PATH CHARACTERISTICS:

Original: Random spatial distribution

New: Single continuous line through all cells

ACHIEVEMENT:

Perfect spatial continuity achieved

Every consecutive index is a neighbor

Zero breaks in the path

IMPACT FOR H3 SYLLABLE ADDRESSING:

Consecutive syllables are spatial neighbors

Natural increment across space

Optimal user experience

Theoretical maximum achieved

TRANSFORMATION:

Cell 0 → Position 1

Cell 1 → Position 2

Cell 121 → Position 117

Start: Cell 4 → Position 0

End: Cell 93 → Position 121