Search Algorithm Performance Analysis

Search Time for Present Items (Log Scale) — Time (seconds) vs List Size. Legend: HT 50%, HT 95%, Sequential, Binary.
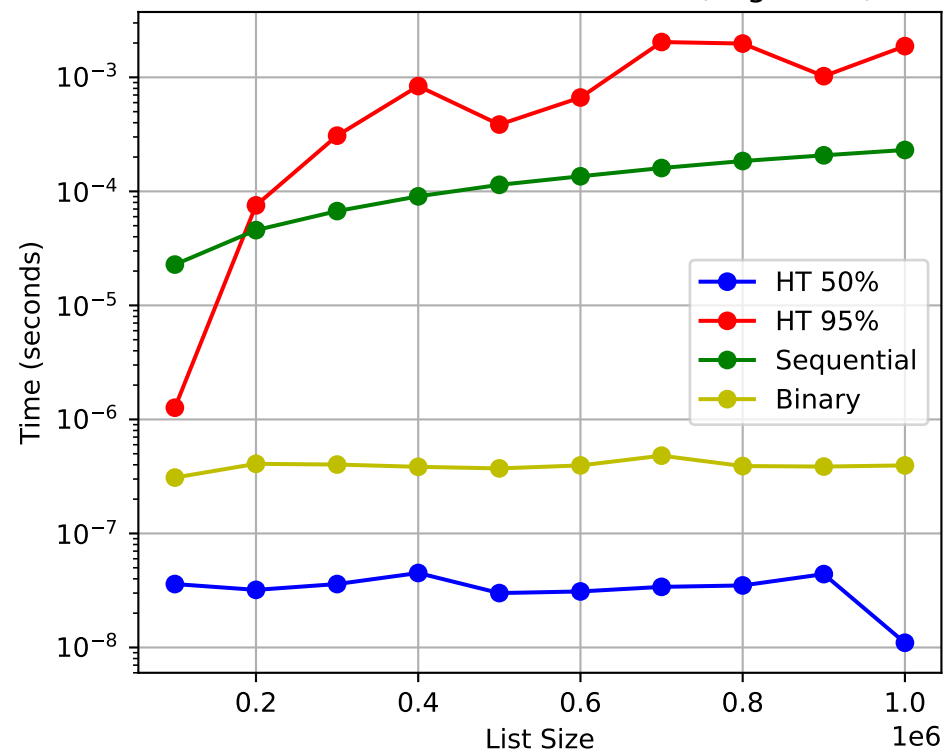
Search Time for Non-Present Items (Log Scale) — Time (seconds) vs List Size. Legend: HT 50%, HT 95%, Sequential, Binary.
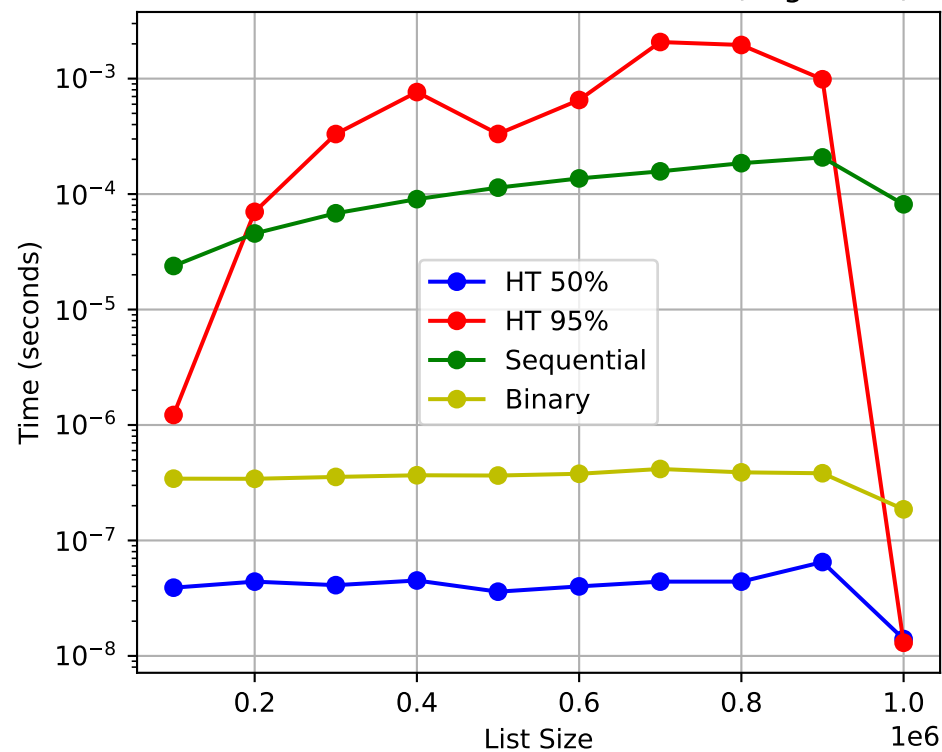
Hash Table Performance Comparison (Log Scale) — Time (seconds) vs List Size. Legend: HT 50% Present, HT 50% Not Present, HT 95% Present, HT 95% Not Present.