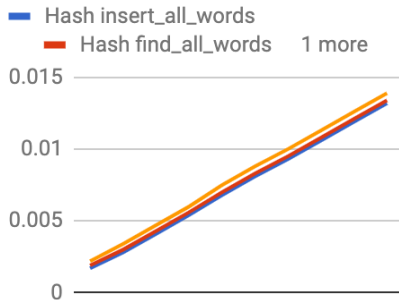# MyHash:

Observed time complexity:

Insert: O(1). Inserting n words takes O(1) * n = O(n) time, as observed in the graph.

Find: O(1). Finding n words takes O(1) * n = O(n) time, as observed in the graph.

Remove: O(1). Removing n words takes O(1) * n = O(n) time, as observed in the graph.

STL Hash:

Observed time complexity:

Insert: O(1). Inserting n words takes O(1) * n = O(n) time, as observed in the graph.

Find: O(1). Finding n words takes O(1) * n = O(n) time, as observed in the graph.

Remove: O(1). Removing n words takes O(1) * n = O(n) time, as observed in the graph.

Analysis: The STL hasher performed better than my hasher, but both performed O(1) on average.