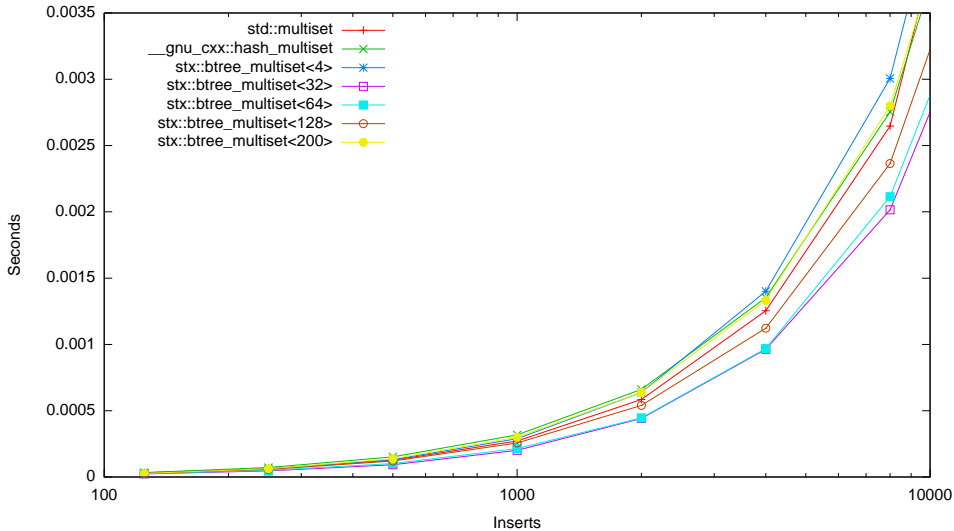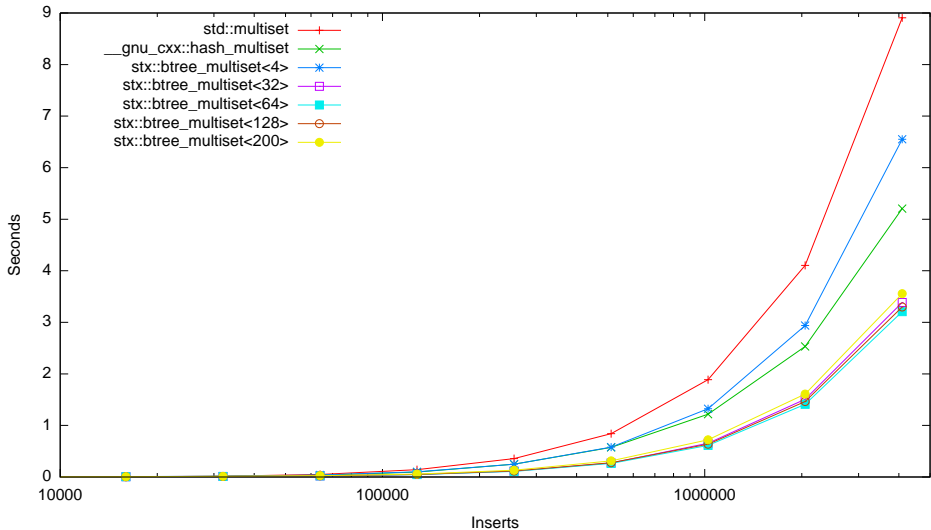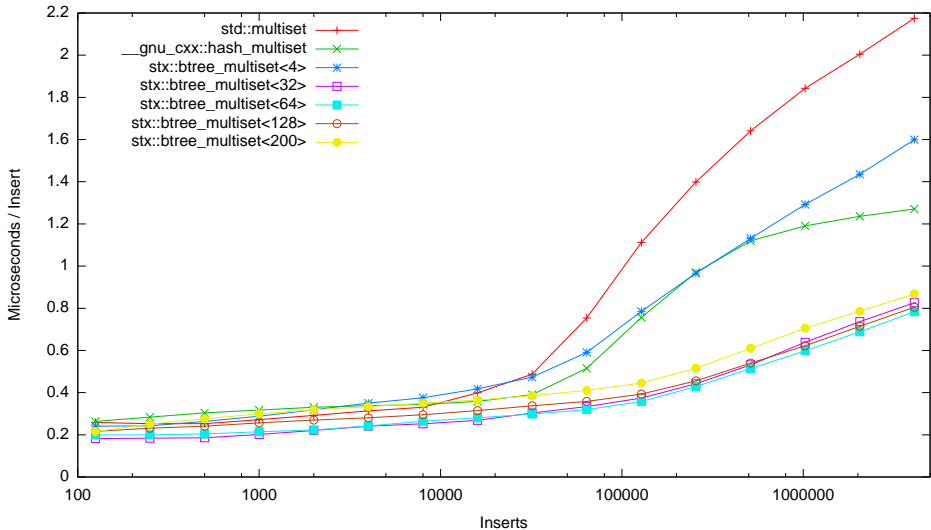Speed Test Multiset - Absolute Time - Insertion Only (125-8000 Items)

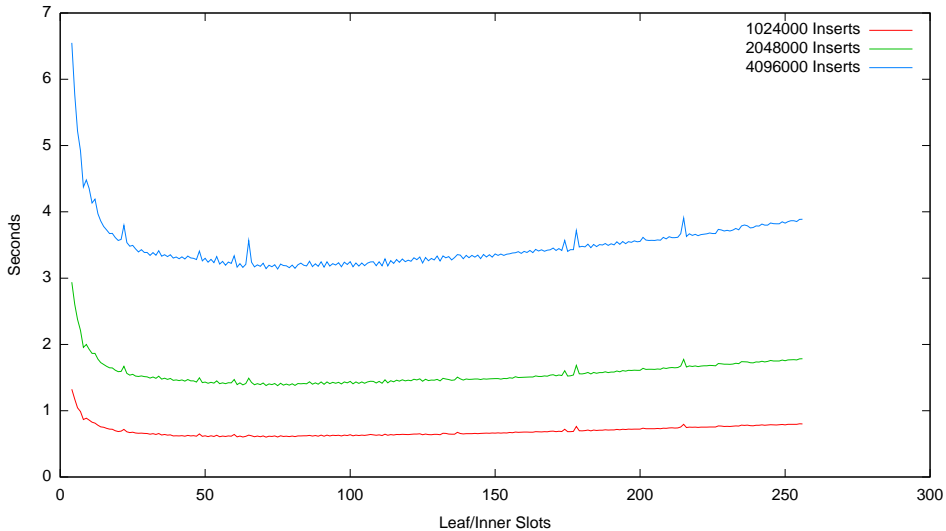Speed Test Multiset - Absolute Time - Insertion Only (16000-4096000 Items)

Legend:
- std::multiset
- __gnu_cxx::hash_multiset
- stx::btree_multiset<4>
- stx::btree_multiset<32>
- stx::btree_multiset<64>
- stx::btree_multiset<128>
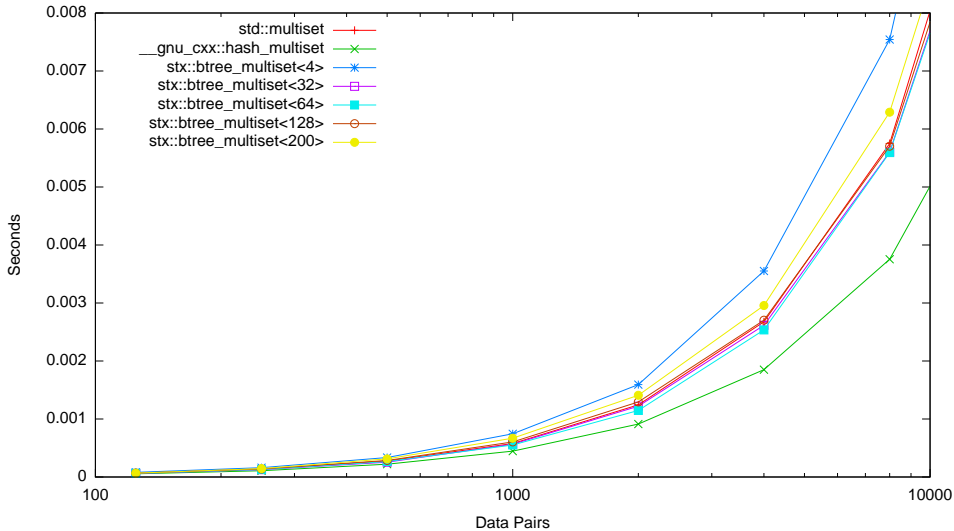- stx::btree_multiset<200>

Y-axis: Seconds
X-axis: Inserts

Speed Test Multiset - Normalized Time - Insertion Only (125-4096000 Items)

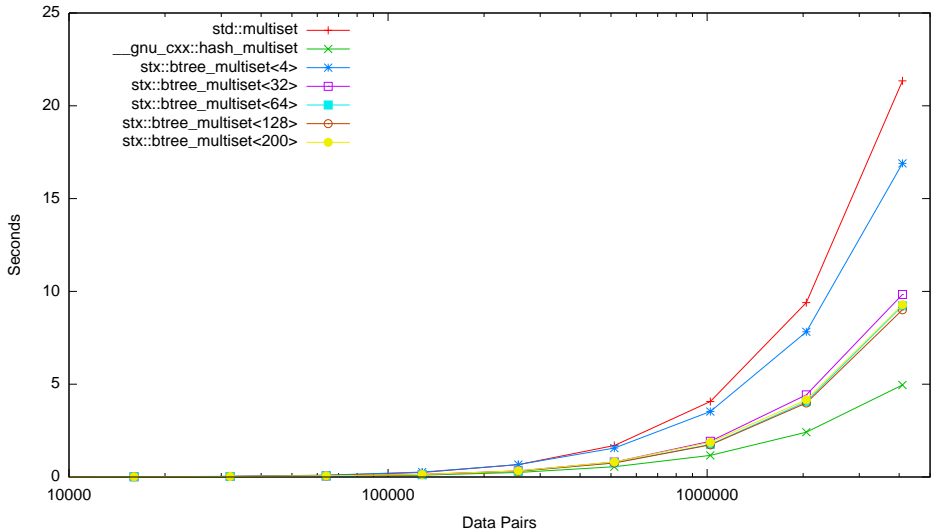Speed Test - Finding the Best Slot Size - Insertion Only - Plotted by Leaf/Inner Slots in B+ Tree

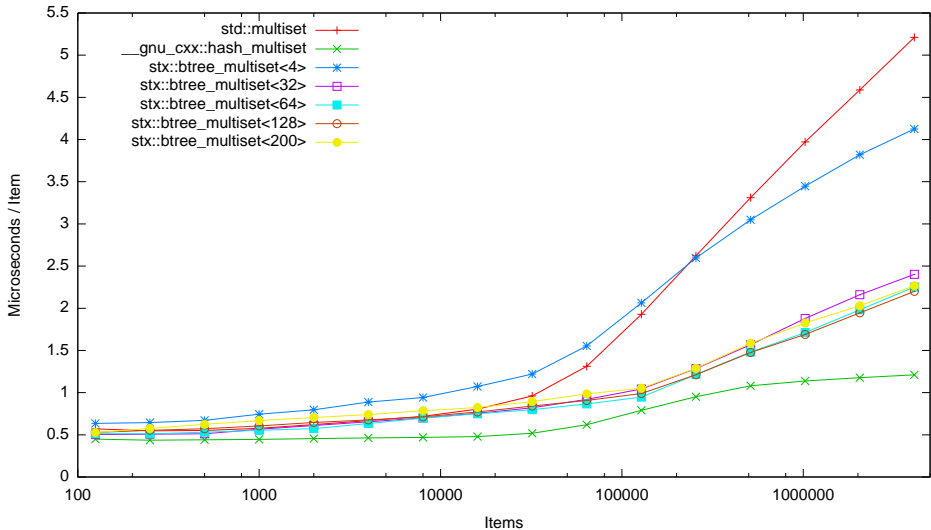Speed Test Multiset - Insert/Find/Erase (125-8000 Items)

Legend:
- std::multiset
- __gnu_cxx::hash_multiset
- stx::btree_multiset<4>
- stx::btree_multiset<32>
- stx::btree_multiset<64>
- stx::btree_multiset<128>
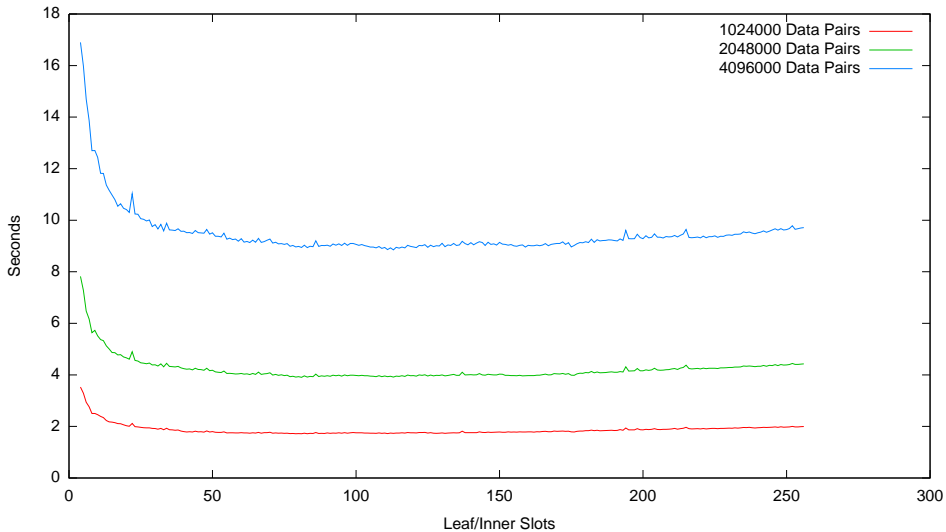- stx::btree_multiset<200>

Y-axis: Seconds
X-axis: Data Pairs

Speed Test Multiset - Insert/Find/Erase (16000-4096000 Items)

Speed Test Multiset - Normalized Time - Insert/Find/Erase (125-4096000 Items)

std::multiset
__gnu_cxx::hash_multiset
stx::btree_multiset<4>
stx::btree_multiset<32>
stx::btree_multiset<64>
stx::btree_multiset<128>
stx::btree_multiset<200>
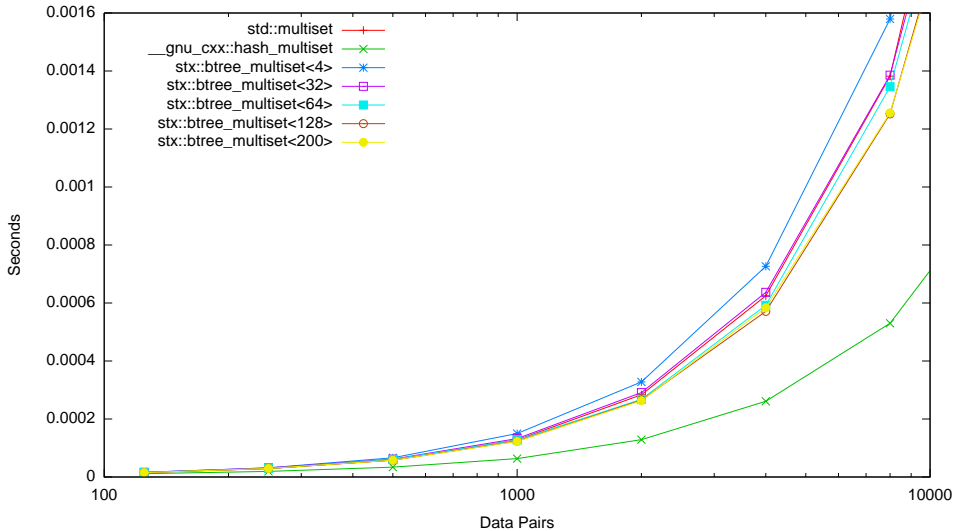
Microseconds / Item

Items

Speed Test - Finding the Best Slot Size - Insert/Find/Erase - Plotted by Leaf/Inner Slots in B+ Tree

Speed Test Multiset - Find Only (125-8000 Items)

Speed Test Multiset - Find Only (16000-4096000 Items)

Legend:
- std::multiset
- __gnu_cxx::hash_multiset
- stx::btree_multiset<4>
- stx::btree_multiset<32>
- stx::btree_multiset<64>
- stx::btree_multiset<128>
- stx::btree_multiset<200>

Y-axis: Seconds (0–7)
X-axis: Data Pairs (10000–1000000)

Speed Test Multiset - Normalized Time - Find Only (125-4096000 Items)

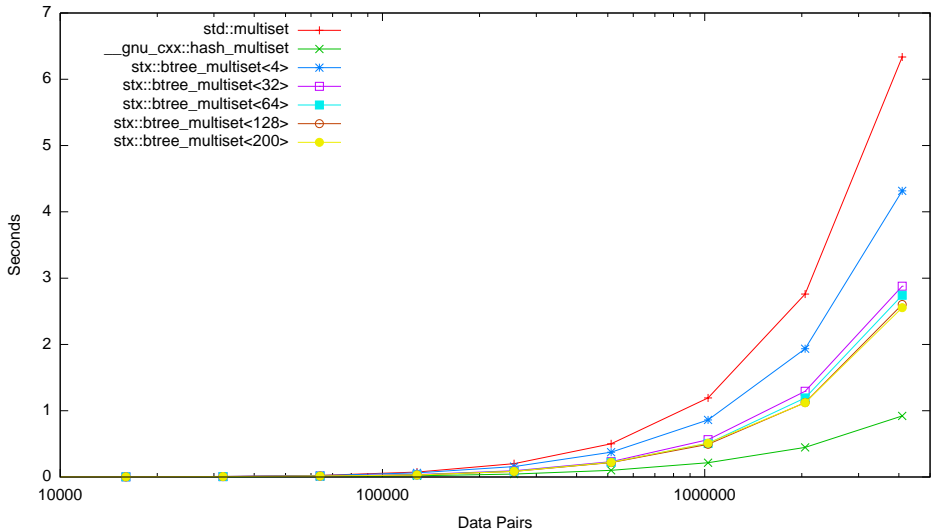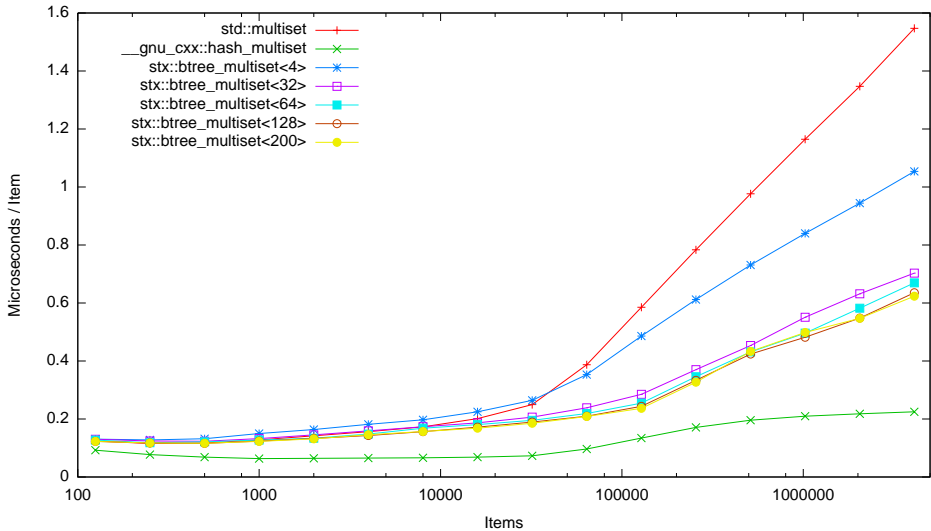Speed Test - Finding the Best Slot Size - Find Only - Plotted by Leaf/Inner Slots in B+ Tree