Number of triangles: 2n−2−b, b points on convex hull
Number of segments: 3n-3-b

Windows 11 - Intel i7-10700 CPU @ 2.90GHz

Starting 1000000 point test
Scale: 50000
Sorting
Processing points
Elapsed time: 7634 ms
Segments: 2999959
Triangles: 1999960
Convex hull: 38 points
Parabola intersections: 67910066
Circle tests: 6999914
BF insert comparisons: 9778741
BF delete comparisons: 22176301
Priority queue records created: 3604557
Max BF count: 1822
Max BF depth: 13
Max PQ count: 1036
Max PQ depth: 13
Second

Monotone chain convex hull: (Point IDs)
0 1 1888 3740 5309 18149 33543 70092 159589 322710 465915 661145 889217 989384
998642 999594 999845 999954 999994 999998 999999 999997 999989 999966 999955
999816 999070 996884 993823 986919 886895 493795 339034 5588 2041 1848 1689 2

Voronoi hull: (Point IDs)
0 1 1888 3740 5309 18149 33543 70092 159589 322710 465915 661145 889217 989384
998642 999594 999845 999954 999994 999998 999999 999997 999989 999966 999955
999816 999070 996884 993823 986919 886895 493795 339034 5588 2041 1848 1689 2
───────────────────────

Starting 500000 point test
Scale: 50000
Sorting
Processing points
Elapsed time: 3567 ms
Segments: 1499964
Triangles: 999965
Convex hull: 33 points
Parabola intersections: 32448489
Circle tests: 3499921
BF insert comparisons: 4637863
BF delete comparisons: 10586392
Priority queue records created: 1802720
Max BF count: 1341
Max BF depth: 13
Max PQ count: 739
Max PQ depth: 12
Second

Monotone chain convex hull: (Point IDs)
0 79 210 791 1811 2488 4178 15436 88617 472678 499413 499873 499988 499998 499999
499997 499995 499985 499982 499184 498814 494979 383412 41726 32986 22506 6497
2390 1797 163 81 34 3

Voronoi hull: (Point IDs)
0 79 210 791 1811 2488 4178 15436 88617 472678 499413 499873 499988 499998 499999
499997 499995 499985 499982 499184 498814 494979 383412 41726 32986 22506 6497
2390 1797 163 81 34 3
───────────────────────

Starting 250000 point test
Scale: 50000
Sorting
Processing points
Elapsed time: 1687 ms
Segments: 749962
Triangles: 499963
Convex hull: 35 points
Parabola intersections: 15500944
Circle tests: 1749918
BF insert comparisons: 2198235
BF delete comparisons: 5052247
Priority queue records created: 900821
Max BF count: 966
Max BF depth: 12
Max PQ count: 523
Max PQ depth: 11
Second

Monotone chain convex hull: (Point IDs)
0 3 9 26 83 11450 22927 239736 248195 248996 249618 249759 249983 249993 249998
249999 249975 249853 249825 249248 245629 242443 236869 233158 200227 174779
32377 18727 7531 689 293 68 15 11 5

Voronoi hull: (Point IDs)
0 3 9 26 83 11450 22927 239736 248195 248996 249618 249759 249983 249993 249998
249999 249975 249853 249825 249248 245629 242443 236869 233158 200227 174779
32377 18727 7531 689 293 68 15 11 5

———————————————————

Raspberry Pi 3B+ (14 times slower than Intel i7-10700)

Starting 40,000 point test
Scale: 50,000
Sorting
Processing points
Elapsed time: 3920 ms
Segments: 119,970
Triangles: 79,971
Convex hull: 27 points
Parabola intersections: 2,167,851
Circle tests: 279,933
BF insert comparisons: 299,800
BF delete comparisons: 704,135
Priority queue records created: 143,826
Max BF count: 422
Max BF depth: 11
Max PQ count: 235
Max PQ depth: 10

──────────────────────

Starting 20,000 point test
Scale: 50,000
Sorting
Processing points
Elapsed time: 1897 ms
Segments: 59,964
Triangles: 39,965
Convex hull: 33 points
Parabola intersections: 1,037,163
Circle tests: 139,921
BF insert comparisons: 142,191
BF delete comparisons: 336,399
Priority queue records created: 71,763
Max BF count: 310
Max BF depth: 10
Max PQ count: 171
Max PQ depth: 9

──────────────────────

Starting 10,000 point test
Scale: 50,000
Sorting
Processing points
Elapsed time: 920 ms
Segments: 29,976
Triangles: 19,977
Convex hull: 21 points
Parabola intersections: 486,920
Circle tests: 69,943
BF insert comparisons: 66,012
BF delete comparisons: 157,462
Priority queue records created: 35,800
Max BF count: 233
Max BF depth: 10
Max PQ count: 129
Max PQ depth: 9