

Download: Please download ALL files including data files, code files, and test files. Note, as the maximal scale of each file is 20MB under github, data files are partitioned into a group of .zip files.

Decompression: The decompression results, files are: (i) five data files (SourceFile0.txt(Stock), SourceFile1.txt(Trip), SourceFile2.txt(uniform), SourceFile3.txt(Normal), SourceFile4.txt(mutli). As the maximal space of a github user is 5GB, each data file contains 50M records; (ii) nine c++ projects, each C++ project corresponds to an algorithm in the experiment; (iii) test files.

Build: c++ projects could be compiled by VS 2019.

Run: .exe file, data file and test file should be contained in the same file directory. The test file name should be "test.txt".

Data format (for 3-diminsional data): 218.2 224.5 90

Test format (five parameters): 3 100 1000000 10000 10000

1st parameter refers to dimensionality $d - 3$ in above example

2nd parameter refers to the value of $\tau - 100$ in above example

3rd parameter refers to the scale n of the stream dataset - 1000000 in above example

4th parameter refers to the speed of the stream dataset - 10000 in above example

5th parameter refers to the number of kcp searches submitted per update - 10000 in above example