PFLOCK Report

Andres Calderon
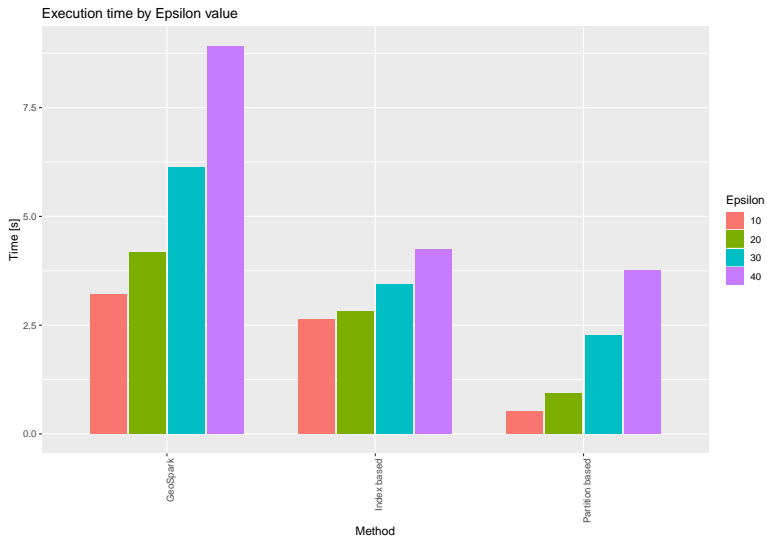
University of California, Riverside

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Experiment setup...

▶ Dataset: LA_50K (time interval 320).

▶ $\mu = 3$, varying values for ε (from 10m to 40m).

▶ Global partitioning: Quadtree, number of partitions: 256 (≈ 750 grids).

▶ Local partitioning: Quadtree, min number of elements per node: 200, size of sample: 2%.

▶ Number of nodes: 12, cores per node: 9 (108 total cores).

▶ Average of 15 runs.

Results...

Execution time by Epsilon value

What's next...

- ▶ Integrate the partition-base code in our algorithm...
- ▶ Validate and re-run previous benchmarks...