PFLOCK Report

Andres Calderon

University of California, Riverside

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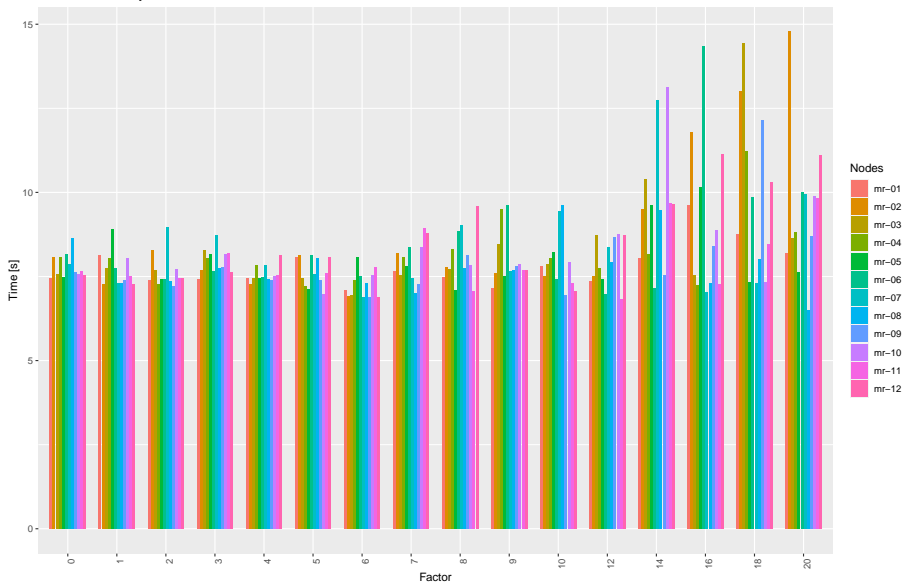
Experiment settings

▶ Working with the new Quadtree implementation.
▶ Varying a factor to limit the size of the cell. It was between 1 and 20 times the ε value[1].
▶ Finding disks for LA50K dataset using ε 10m.
▶ Using 12 nodes with 9 cores each.
▶ Collecting duration at each node. Average of 10 runs.

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[1] 0 denotes the use of the normal Quadtree implementation (without cell size restriction)

Results

Execution time by Nodes

Results

Execution time by Nodes (Avg)