

PFLOCK Report

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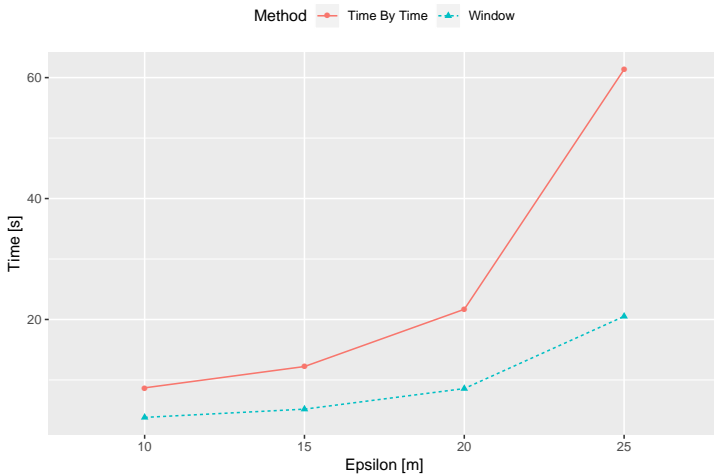
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Latency tests...

- ▶ Running latency tests with LA_25K dataset
- ▶ Epsilon ranges from 10m to 25m
- ▶ $\mu=3$ and $\Delta=3$
- ▶ First 100 time instants were evaluated...

Latency tests...

LA 25K Dataset



Some remarks...

- ▶ Results were identical ranging from 56K to 125K flocks.
- ▶ Evaluating $\text{Epsilon}=30\text{m}$ throws stack overflow error in “time by time” algorithm.
- ▶ Throughput (time instants per second) does not apply...

What's next...

- ▶ Check possible bottlenecks to explore possible improvements...
- ▶ Evaluate Mu and Delta parameters...
- ▶ Evaluate scale up with 1,2,4 and 8 nodes...