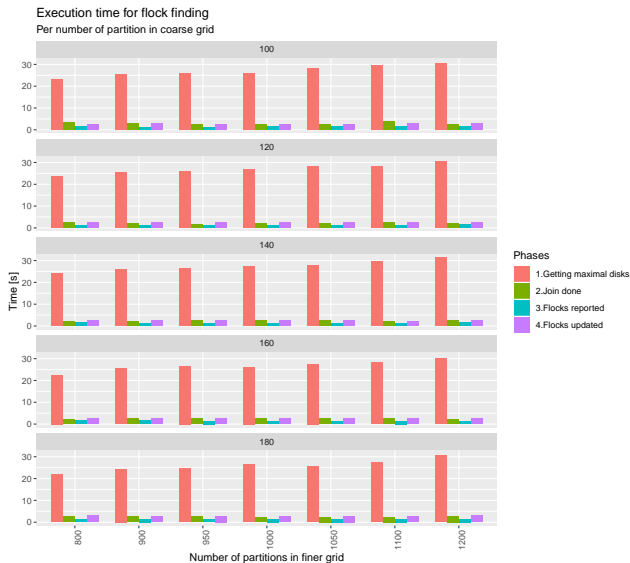# PFLOCK Report

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# Finding optimal values...

- ▶ For flock finding (Time-by-time alternative) run experiments for:
  - ▶ LA_25K dataset, $\epsilon = 20$, $\mu = 3$ and $\delta = 3$.
  - ▶ Evaluating first 30 time instants.
  - ▶ Using the full cluster (12 executor, 12 cores).
- ▶ Coarse grid number of partitions varying from 100 to 180...
- ▶ Finer grid number of partitions varying from 800 to 1200...

# Finding optimal values...

# Finding optimal values...

▶ Focus on maximal disk finding run experiments for:
  ▶ LA_25K dataset. time instant 19, 3 runs...
  ▶ $\epsilon = 20$ and $\mu = 3$
  ▶ Using the full cluster (12 executor, 12 cores).

▶ Coarse grid number of partitions varying from 144 to 720 (up to 5 times the number of available cores)...

▶ Finer grid number of partitions varying from 1000 to 4000 (up to half the size of the number of disk in the time instant)...

# Finding optimal values...



Execution time for maximal disk finding
Per number of partition in coarse grid