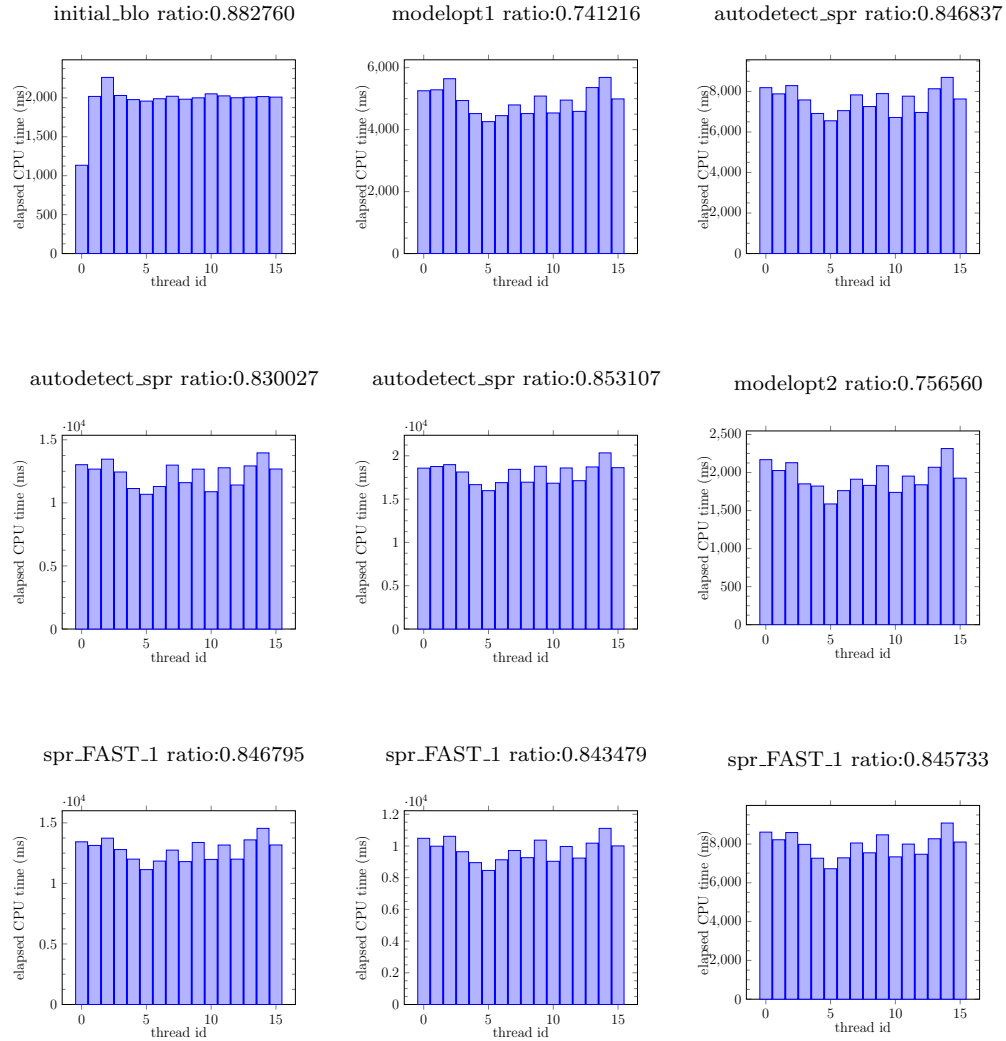


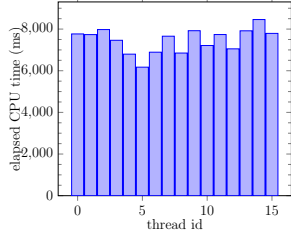
# 1 Description

- Each graph corresponds to one step of the pipeline (one model parameter opt, one spr round etc.).
- Each graph represents the cpu time (y axis) spent in each thread (x axis) for its step.
- The ratio value after the name of the step is the average time spent in real computations (not waiting for the other cores) over all the threads.

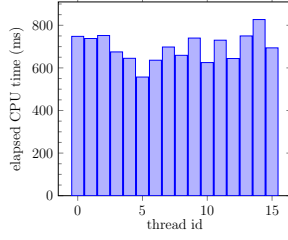
## 2 DNA 404, 16 threads, repeats



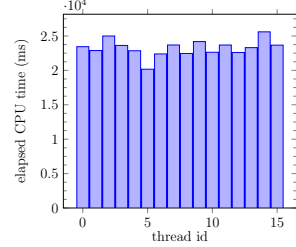
spr\_FAST\_1 ratio:0.819408



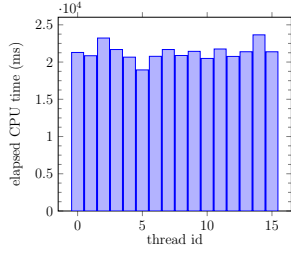
modelopt3 ratio:0.766051



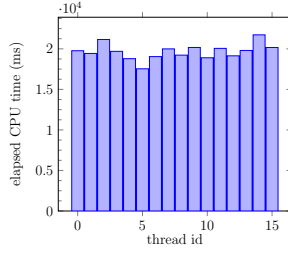
spr\_SLOW\_2 ratio:0.828010



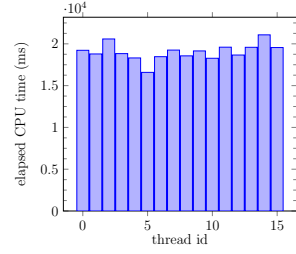
spr\_SLOW\_2 ratio:0.848336



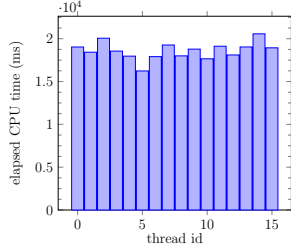
spr\_SLOW\_2 ratio:0.846112



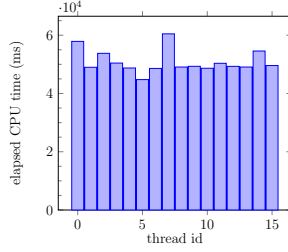
spr\_SLOW\_2 ratio:0.843757



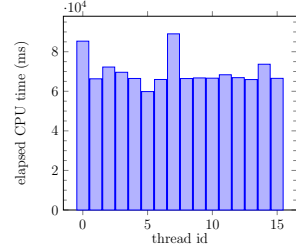
spr\_SLOW\_2 ratio:0.827297



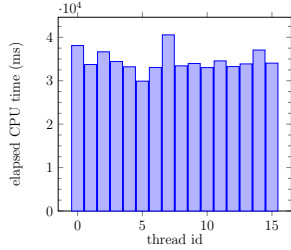
spr\_SLOW\_2 ratio:0.780864



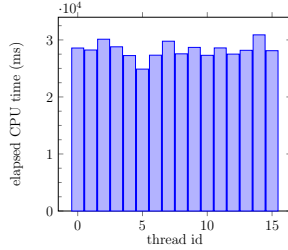
spr\_SLOW\_2 ratio:0.743178



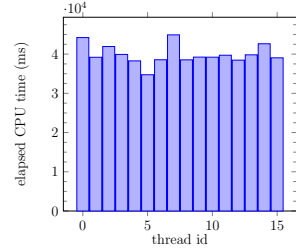
spr\_SLOW\_2 ratio:0.798245



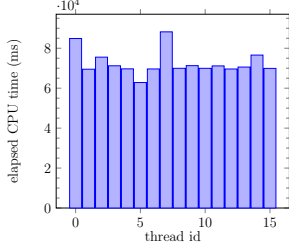
spr\_SLOW\_2 ratio:0.851576



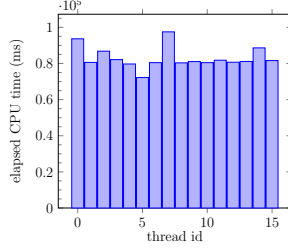
spr\_SLOW\_2 ratio:0.805776



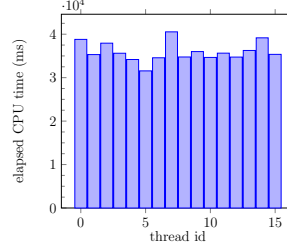
spr\_SLOW\_2 ratio:0.769541



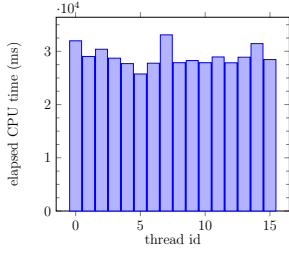
spr\_SLOW\_2 ratio:0.790691



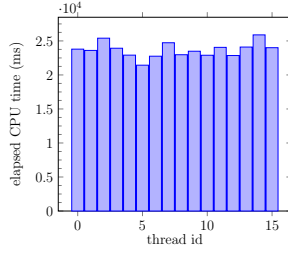
spr\_SLOW\_2 ratio:0.812919



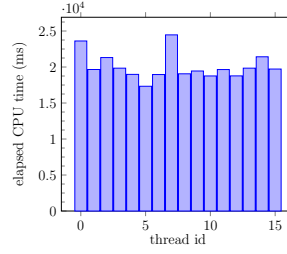
spr\_SLOW\_2 ratio:0.800705



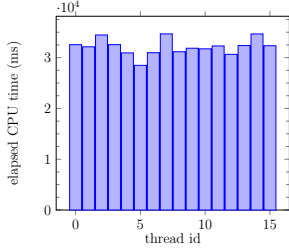
spr\_SLOW\_2 ratio:0.855649



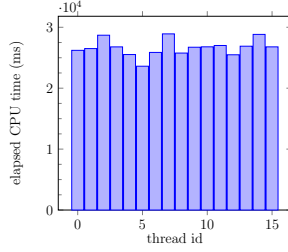
spr\_SLOW\_2 ratio:0.764392



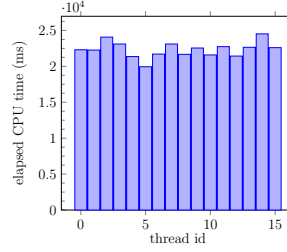
spr\_SLOW\_2 ratio:0.832376



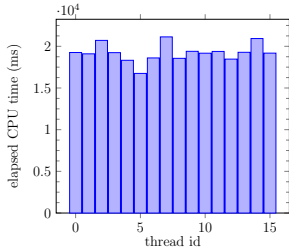
spr\_SLOW\_2 ratio:0.830798



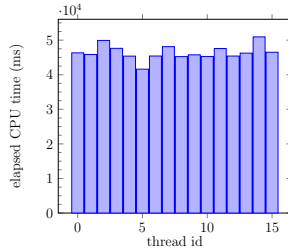
spr\_SLOW\_2 ratio:0.849800



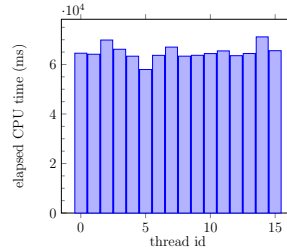
spr\_SLOW\_2 ratio:0.821712



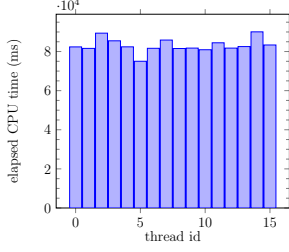
spr\_SLOW\_2 ratio:0.853049



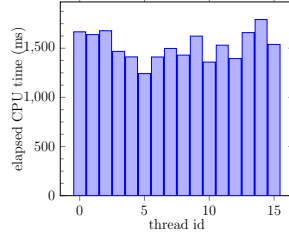
spr\_SLOW\_2 ratio:0.845949



spr\_SLOW\_2 ratio:0.858236

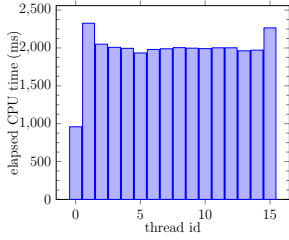


modelopt4 ratio:0.767658

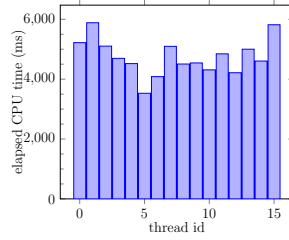


### 3 best spr

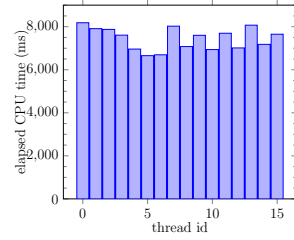
initial\_blo ratio:0.860120



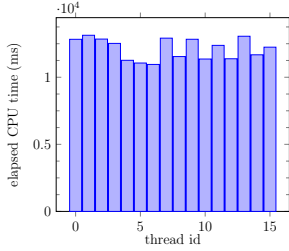
modelopt1 ratio:0.730365



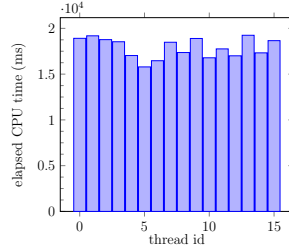
autodetect\_spr ratio:0.867828



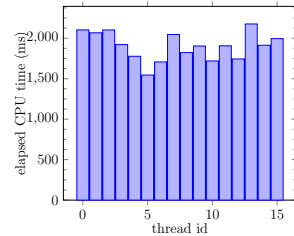
autodetect\_spr ratio:0.880671



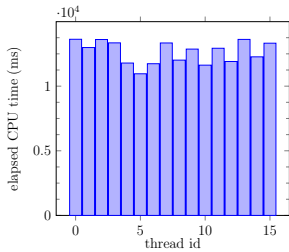
autodetect\_spr ratio:0.882965



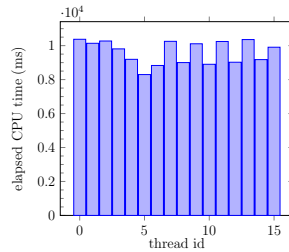
modelopt2 ratio:0.790452



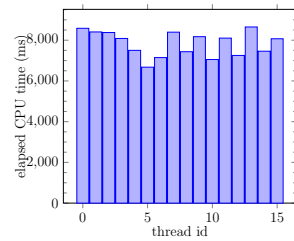
spr\_FAST\_1 ratio:0.870485



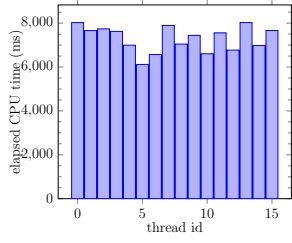
spr\_FAST\_1 ratio:0.852182



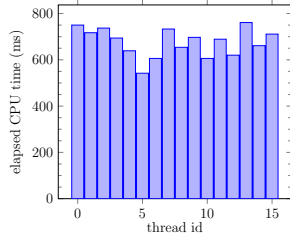
spr\_FAST\_1 ratio:0.869582



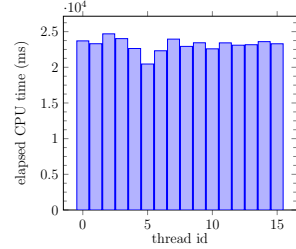
spr\_FAST\_1 ratio:0.862752



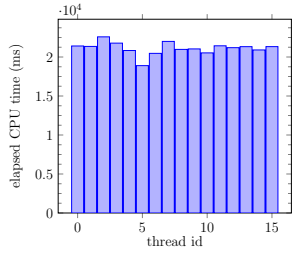
modelopt3 ratio:0.801613



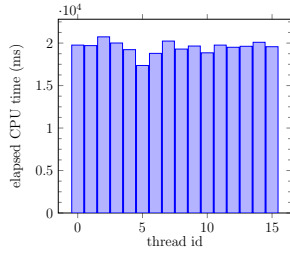
spr\_SLOW\_2 ratio:0.863889



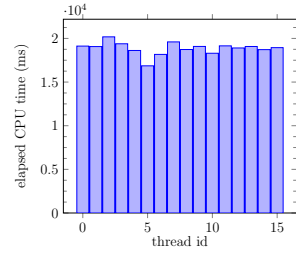
spr\_SLOW\_2 ratio:0.864730



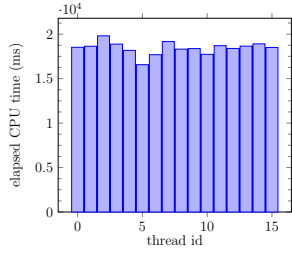
spr\_SLOW\_2 ratio:0.867517



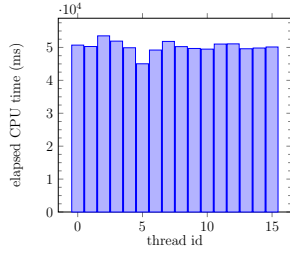
spr\_SLOW\_2 ratio:0.864607



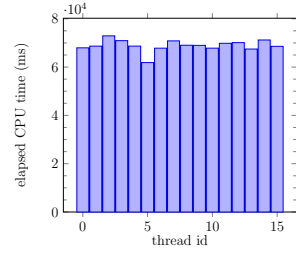
spr\_SLOW\_2 ratio:0.864975



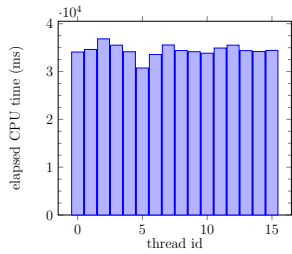
spr\_SLOW\_2 ratio:0.868515



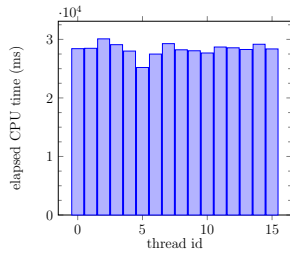
spr\_SLOW\_2 ratio:0.869305



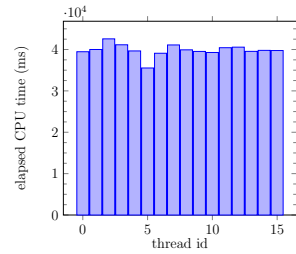
spr\_SLOW\_2 ratio:0.861643



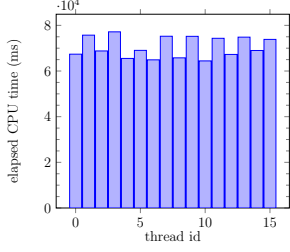
spr\_SLOW\_2 ratio:0.865176



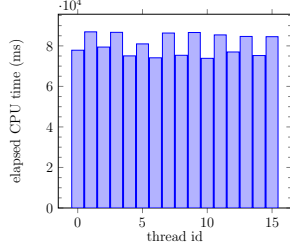
spr\_SLOW\_2 ratio:0.866276



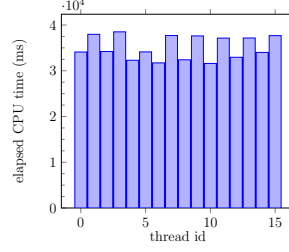
spr\_SLOW\_2 ratio:0.860803



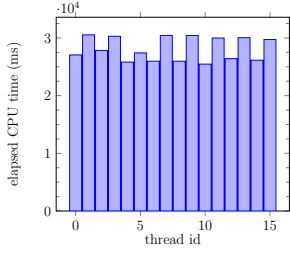
spr\_SLOW\_2 ratio:0.865912



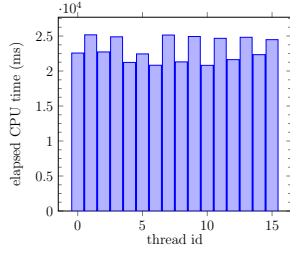
spr\_SLOW\_2 ratio:0.856557



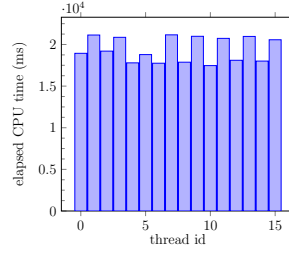
spr\_SLOW\_2 ratio:0.857776



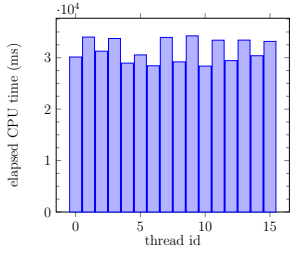
spr\_SLOW\_2 ratio:0.858564



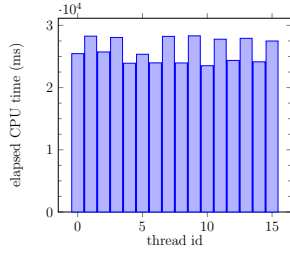
spr\_SLOW\_2 ratio:0.854575



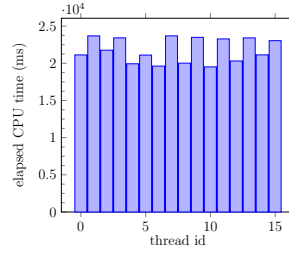
spr\_SLOW\_2 ratio:0.858815



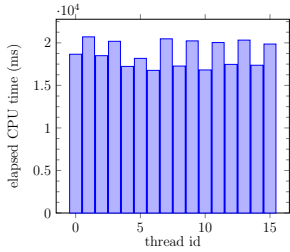
spr\_SLOW\_2 ratio:0.856748



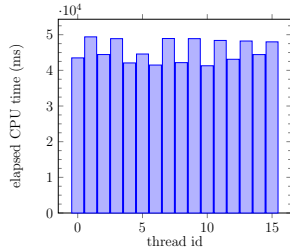
spr\_SLOW\_2 ratio:0.857771



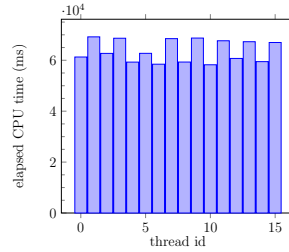
spr\_SLOW\_2 ratio:0.844380



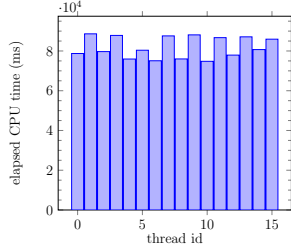
spr\_SLOW\_2 ratio:0.860066



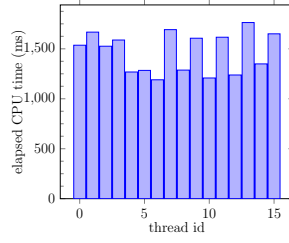
spr\_SLOW\_2 ratio:0.859484



spr\_SLOW\_2 ratio:0.863469

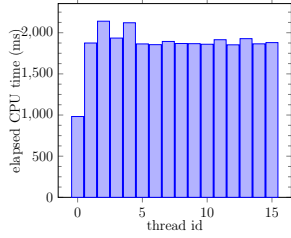


modelopt4 ratio:0.768410

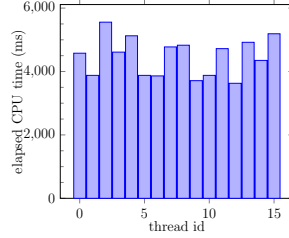


## 4 best swap

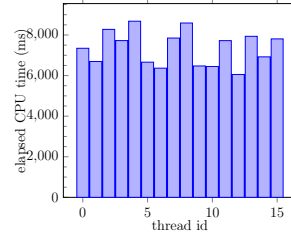
initial\_blo ratio:0.875773



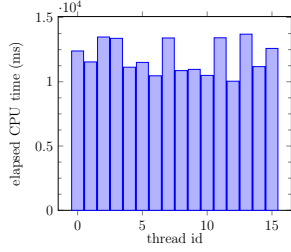
modelopt1 ratio:0.721818



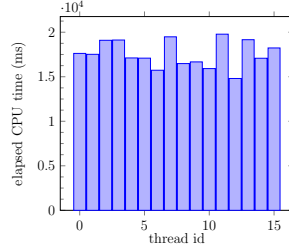
autodetect\_spr ratio:0.797710



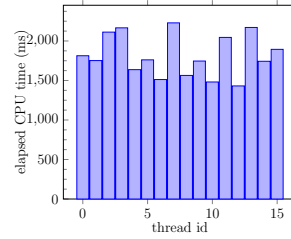
autodetect\_spr ratio:0.845319



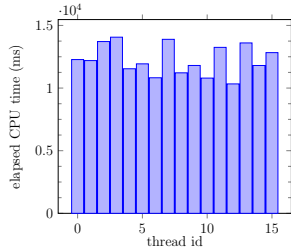
autodetect\_spr ratio:0.860777



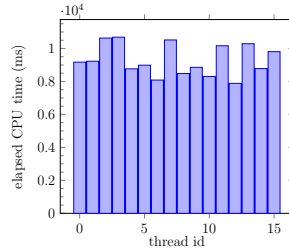
modelopt2 ratio:0.732434



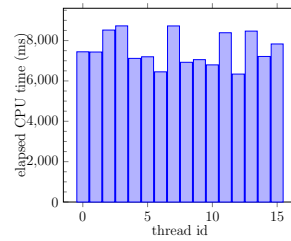
spr\_FAST\_1 ratio:0.841649



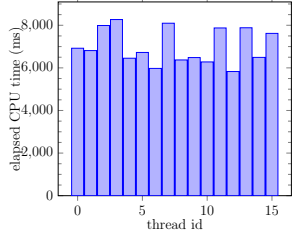
spr\_FAST\_1 ratio:0.842148



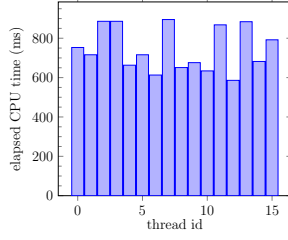
spr\_FAST\_1 ratio:0.831905



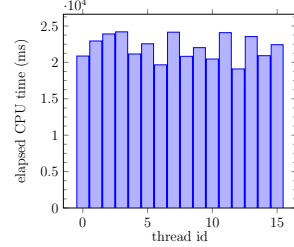
spr\_FAST\_1 ratio:0.830987



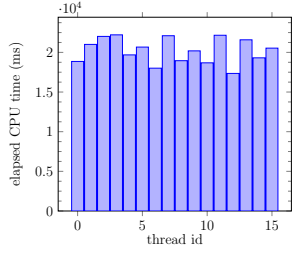
modelopt3 ratio:0.756532



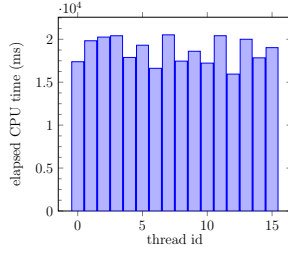
spr\_SLOW\_2 ratio:0.848571



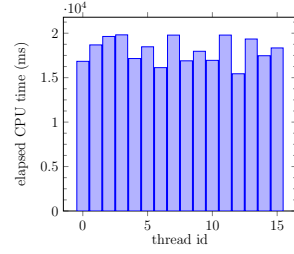
spr\_SLOW\_2 ratio:0.849399



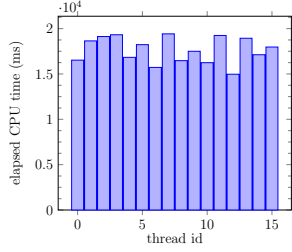
spr\_SLOW\_2 ratio:0.844100



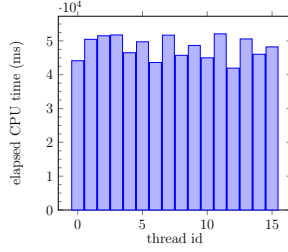
spr\_SLOW\_2 ratio:0.848915



spr\_SLOW\_2 ratio:0.843549

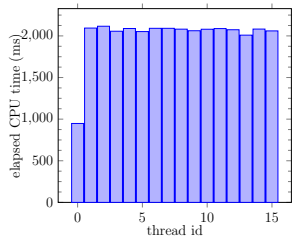


spr\_SLOW\_2 ratio:0.857162

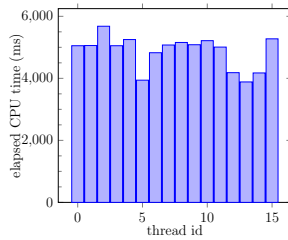


## 5 best swap

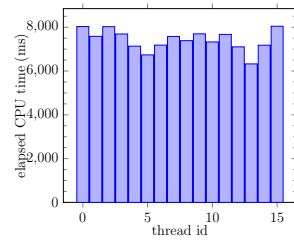
initial\_blo ratio:0.950561



modelopt1 ratio:0.768156

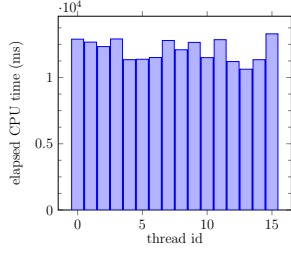


autodetect\_spr ratio:0.863065

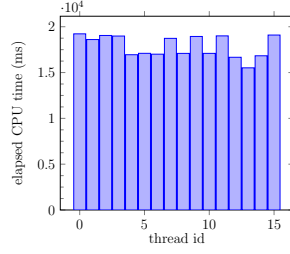




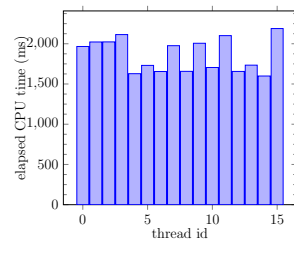
autodetect\_spr ratio:0.865323



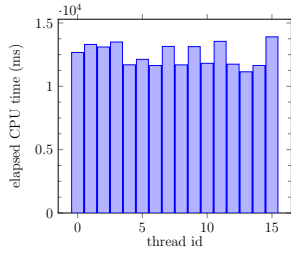
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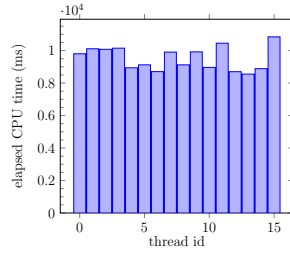
modelopt2 ratio:0.776064



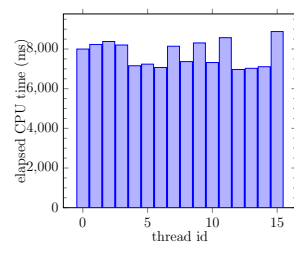
spr\_FAST\_1 ratio:0.861229



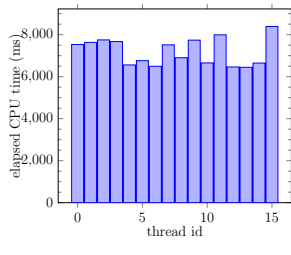
spr\_FAST\_1 ratio:0.854895



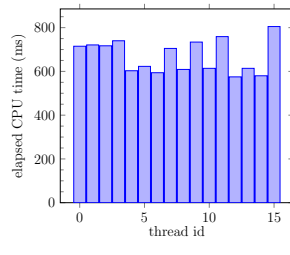
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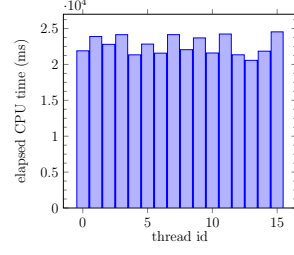
spr\_FAST\_1 ratio:0.843319



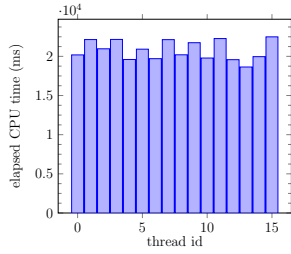
modelopt3 ratio:0.766742



spr\_SLOW\_2 ratio:0.855207



spr\_SLOW\_2 ratio:0.854548



spr\_SLOW\_2 ratio:0.845192

