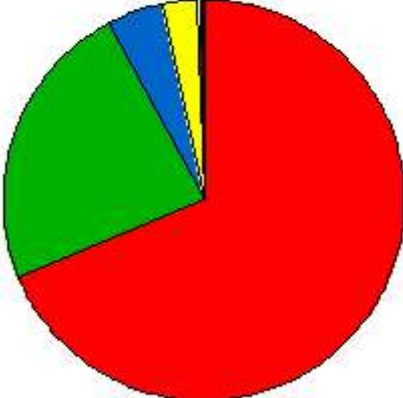


- [Load Balance](#)
- [Communication Balance](#)
- [Message Buffer Sizes](#)
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- [Switch Traffic](#)
- [Memory Usage](#)
- [Executable Info](#)
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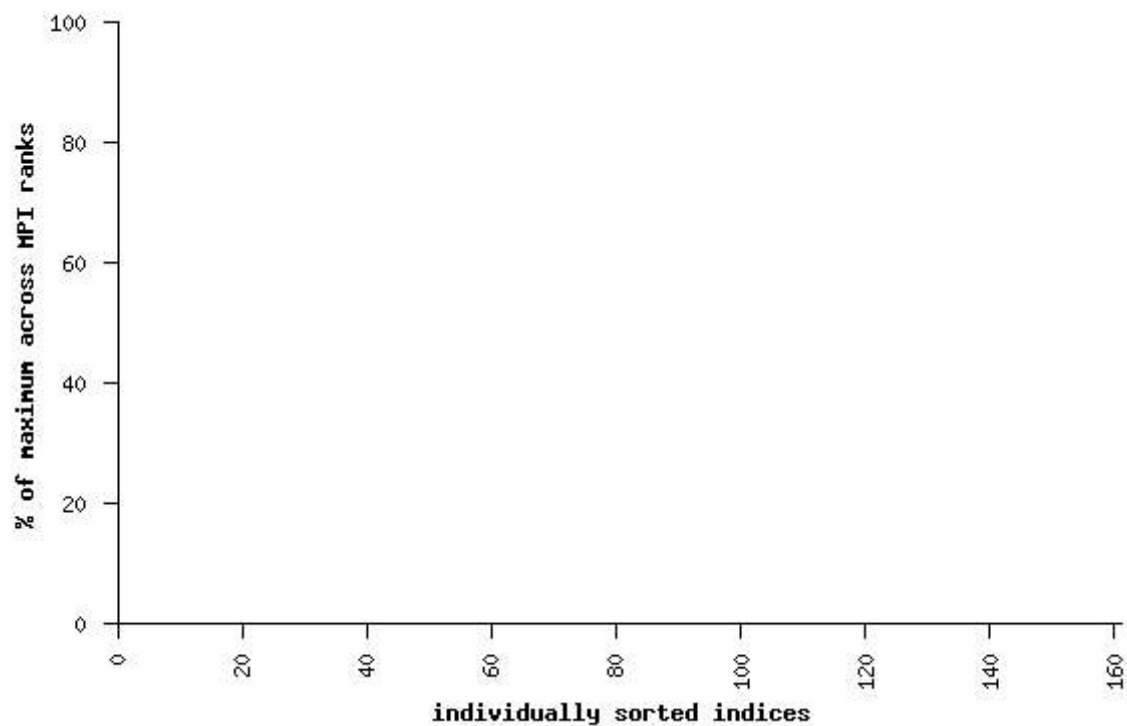
command:		/scratch/l/lcl_uotiscscc/lcl_uotiscscs1041/LAMMPS/Instances/final/lammps-29Oct20/src/lmp_intel_cpu_openmpi -in in.lj -pk intel 0 omp 1 -sf intel	
codename:	unknown	state:	unknown
username:	lcl_uotiscscs10unknown	group:	
host:	nia1526.scinet. (x86_64_Linux)	mpi_tasks:	160 on 4 hosts
start:	06/19/21/00:35:20	wallclock:	3.55979e+02 sec
stop:	06/19/21/00:41:16	%comm:	9.81148536851892
total memory:	25.85504000000001 gbytes	total gflop/sec:	0
switch(send):	0 gbytes	switch(recv):	0 gbytes

Computation			Communication
Event	Count	Pop	% of MPI Time
			 <ul style="list-style-type: none"> MPI_Wait MPI_Send MPI_Sendrecv MPI_Irecv MPI_Allreduce MPI_Waitall MPI_Bcast MPI_Barrier MPI_Reduce MPI_Scan MPI_Comm_free MPI_Comm_rank MPI_Comm_size

Event	Ntasks	Avg	Min(rank)	Max(rank)
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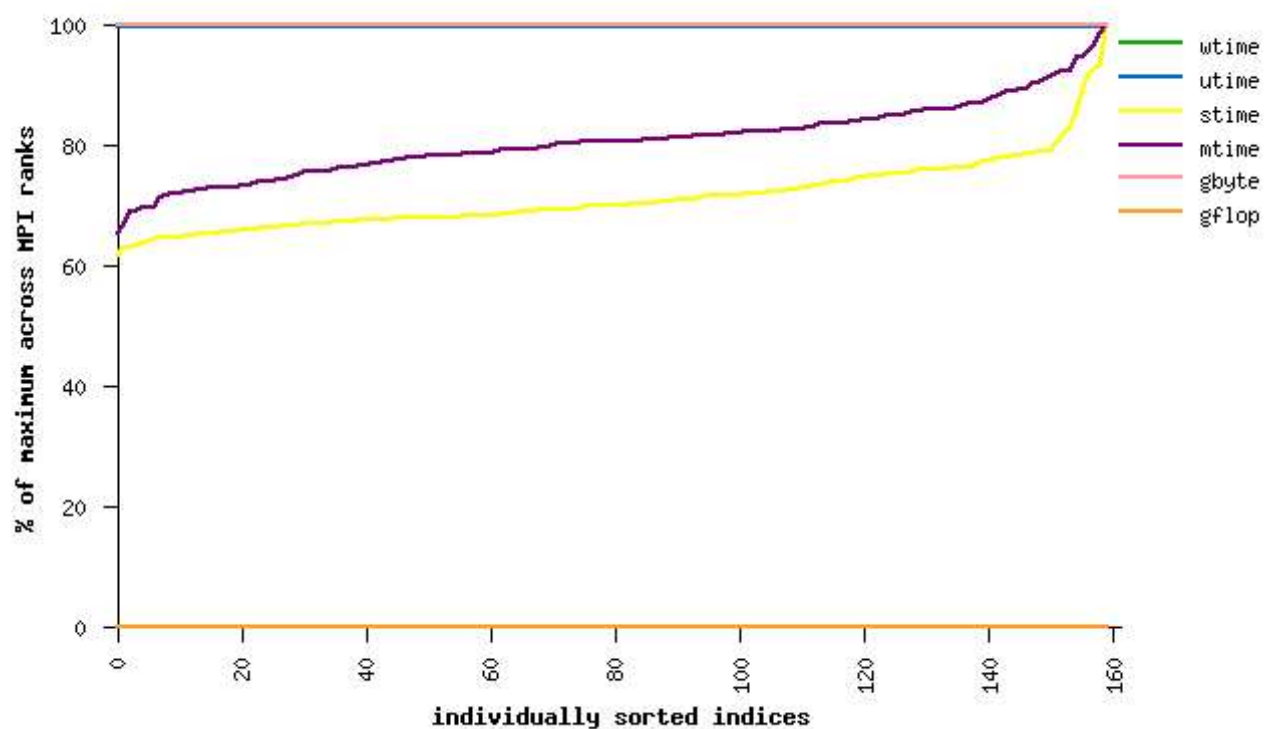
Buffer Size	Ncalls	Total Time	Min Time	Max Time	%MPI	%Wall
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[illegible]



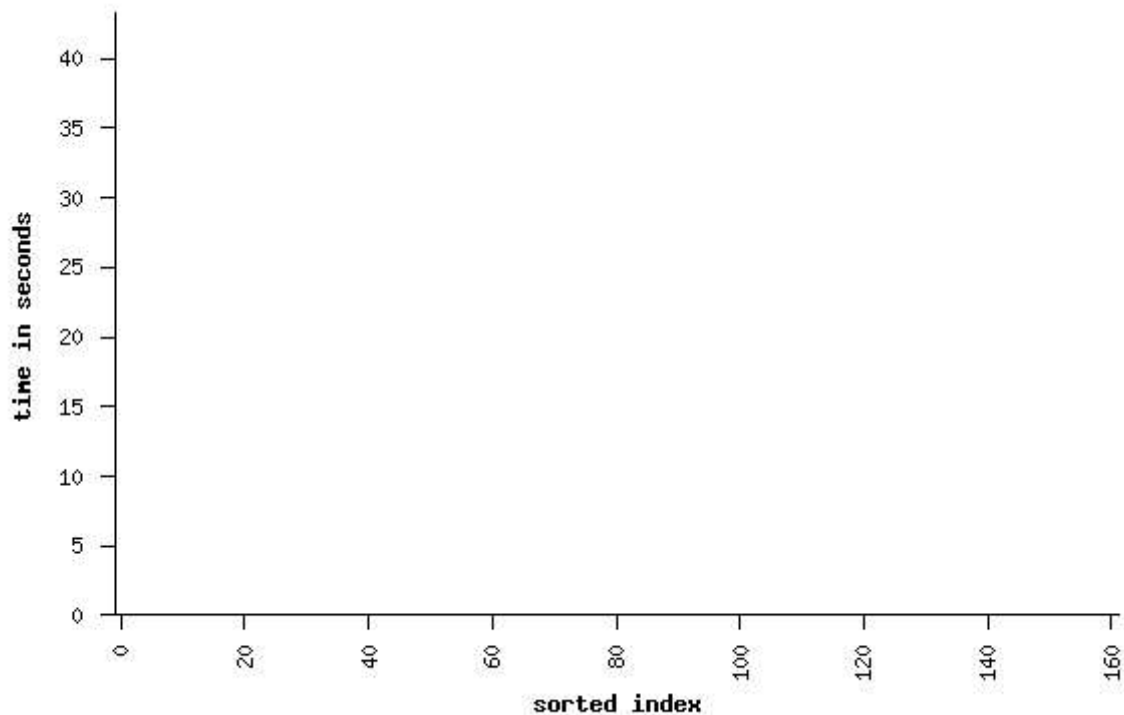
[by MPI rank](#), [by MPI time](#)

Load balance by task: memory, flops, timings



[by MPI rank](#), [by MPI time](#)

Communication balance by task (sorted by MPI time)



[by MPI rank](#), [time detail by MPI time](#), [time detail by rank](#), [call list](#)

Message Buffer Size Distributions: time

None

[cumulative values](#), [values](#)

Message Buffer Size Distributions: Ncalls

None

[cumulative values](#), [values](#)

Communication Topology : point to point data flow

None

[data sent](#), [data recv](#), [time spent](#), [map_data file](#) [map_adjacency file](#)

Switch Traffic (volume by node)

None

Memory usage by node

